
Name:	COUNTRY		
Type:	String		
Variable label:			
Unique values:	8		
Missing values:	0		
Value	Label	Freq.	Percent
Chile		98	14.4%
Colombia		83	12.2%
England		86	12.7%
Germany		50	7.4%
Japan		89	13.1%
All other values		188	27.7%

Name:	SCH_ID		
Type:	String		
Variable label:	SCHOOL ID, IDCNTRY-IDSCHOOL		
Unique values:	628		
Missing values:	0		
Value	Label	Freq.	Percent
00152-0001		1	0.1%
00152-0002		1	0.1%
00152-0005		1	0.1%
00152-0007		1	0.1%
00152-0010		1	0.1%
All other values		673	99.1%

Name:	T_ID		
Type:	String		
Variable label:	TEACHER ID, IDCNTRY-IDSCHOOL-IDTEACH		
Unique values:	679		
Missing values:	0		
Value	Label	Freq.	Percent
00152-0001-0001		1	0.1%
00152-0002-0002		1	0.1%
00152-0005-0001		1	0.1%
00152-0007-0002		1	0.1%
00152-0010-0001		1	0.1%

All other values

673

99.1%

Name: IDCNTRY
Type: Numeric
Variable label: COUNTRY ID
Unique values: 8
Missing values: 0
Min: 152.00
Mean: 402.62
Max: 826.00
Std. Dev.: 247.42
Skew: 0.53

Value	Label	Freq.	Percent
152		98	14.4%
156		85	12.5%
170		83	12.2%
276		50	7.4%
392		89	13.1%
All other values		171	25.2%

Percentiles:

10%	25%	50%	75%	90%
152	156	392	392	826

Name: IDSCHOOL
Type: Numeric
Variable label: SCHOOL ID
Unique values: 185
Missing values: 0
Min: 1.00
Mean: 64.13
Max: 312.00
Std. Dev.: 63.49
Skew: 1.99

Value	Label	Freq.	Percent
1		7	1.0%
2		9	1.3%
3		5	0.7%
4		6	0.9%
5		8	1.2%
All other values		634	93.4%

Percentiles:

10%	25%	50%	75%	90%
9	24	47	47	157

Name: IDTEACH
Type: Numeric
Variable label: TEACHER ID
Unique values: 90
Missing values: 0
Min: 1.00
Mean: 7.49
Max: 94.00
Std. Dev.: 18.79
Skew: 3.13

Value	Label	Freq.	Percent
1		502	73.9%
2		55	8.1%
3		15	2.2%
4		11	1.6%
5		4	0.6%
All other values		86	12.7%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	24

Name: TQA01A
Type: Numeric
Variable label: 1.A. IN A TYPICAL WEEK I SPEND _____ MINUTES TEACHING MATHEMATICS LESSONS IN THE TARGET CLASS AT SCHOOL.
Unique values: 66
Missing values: 0
Min: 4.00
Mean: 253.87
Max: 6000.00
Std. Dev.: 313.30
Skew: 11.62

Value	Label	Freq.	Percent
4		1	0.1%

5	1	0.1%
8	1	0.1%
30	4	0.6%
40	10	1.5%
All other values	656	96.6%

Percentiles:

10%	25%	50%	75%	90%
125	180	200	200	320

Name: TQA01B
Type: Numeric
Variable label: 1.B. IN A TYPICAL WEEK I SPEND _____ MINUTES PREPARING FOR MATHEMATICS LESSONS IN THE TARGET CLASS.

Unique values: 59
Missing values: 0
Min: 2.00
Mean: 168.00
Max: 2000.00
Std. Dev.: 174.64
Skew: 3.69

Value	Label	Freq.	Percent
2		1	0.1%
3		1	0.1%
5		1	0.1%
6		1	0.1%
10		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
45	60	120	120	350

Name: TQA01C
Type: Numeric
Variable label: 1.C. IN A TYPICAL WEEK I SPEND _____ MINUTES TEACHING OTHER SUBJECTS IN THE TARGET CLASS.

Unique values: 44
Missing values: 0
Min: 0.00

Mean: 52.80
 Max: 1800.00
 Std. Dev.: 149.82
 Skew: 6.68

Value	Label	Freq.	Percent
0		362	53.3%
2		2	0.3%
5		4	0.6%
10		11	1.6%
15		9	1.3%
All other values		277	40.8%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	150

Name: TQA02
Type: Numeric
Variable label: 2. WHEN YOU MEET THE TARGET CLASS WHAT IS THE TYPICAL LENGTH OF A MATHEMATICS LESSON? _____ MINUTES
Unique values: 35
Missing values: 0
Min: 30.00
Mean: 70.35
Max: 4045.00
Std. Dev.: 163.56
Skew: 22.77

Value	Label	Freq.	Percent
30		3	0.4%
40		96	14.1%
42		1	0.1%
43		1	0.1%
45		55	8.1%
All other values		522	76.9%

Percentiles:

10%	25%	50%	75%	90%
40	50	50	50	90

Name: TQA03A

Type: Numeric
 Variable label: 3.A. PLOTTING THE GRAPH OF $Y = X^2$.
 Unique values: 3
 Missing values: 0
 Min: 1.00
 Mean: 1.63
 Max: 2.00
 Std. Dev.: 0.48
 Skew: -0.55

Value	Label	Freq.	Percent
1	Yes	239	35.2%
2	No	413	60.8%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA03B
 Type: Numeric
 Variable label: 3.B. SOLVING A PROBLEM LIKE ?? $2 - 4 = 0$ BY INSPECTION.
 Unique values: 3
 Missing values: 0
 Min: 1.00
 Mean: 1.45
 Max: 2.00
 Std. Dev.: 0.50
 Skew: 0.19

Value	Label	Freq.	Percent
1	Yes	357	52.6%
2	No	295	43.4%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQA03C
 Type: Numeric
 Variable label: 3.C. FINDING ALL VALUES OF X FOR WHICH $(X - 4)(X + 5) = 0$.

Unique values: 3
 Missing values: 0
 Min: 1.00
 Mean: 1.57
 Max: 2.00
 Std. Dev.: 0.50
 Skew: -0.30

Value	Label	Freq.	Percent
1	Yes	278	40.9%
2	No	373	54.9%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA03D
Type: Numeric
Variable label: 3.D. USING THE BINOMIAL FORMULA $(A+B)^2=A^2+2AB+B^2$ WHEN SOLVING A PROBLEM LIKE $??^2 + 6?? + 9 = 0$.

Unique values: 3
 Missing values: 0
 Min: 1.00
 Mean: 1.59
 Max: 2.00
 Std. Dev.: 0.49
 Skew: -0.38

Value	Label	Freq.	Percent
1	Yes	265	39.0%
2	No	386	56.8%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA03E
Type: Numeric
Variable label: 3.E. SOLVING ANY QUADRATIC EQUATION (EXAMPLE: $4X^2+6X+3 = 0$).
Unique values: 3

Missing values: 0
 Min: 1.00
 Mean: 1.75
 Max: 2.00
 Std. Dev.: 0.43
 Skew: -1.16

Value	Label	Freq.	Percent
1	Yes	162	23.9%
2	No	489	72.0%
9999	Missing	28	4.1%

Percentiles:				
10%	25%	50%	75%	90%
1	2	2	2	2

Name: TQA04A
Type: Numeric
Variable label: 4.A. HOW OFTEN: I PRESENT A SUMMARY OF RECENTLY LEARNED CONTENT.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.97
Max: 4.00
Std. Dev.: 0.74
Skew: -0.20

Value	Label	Freq.	Percent
1	Never or almost never	11	1.6%
2	Occasionally	154	22.7%
3	Frequently	327	48.2%
4	Always	156	23.0%
9999	Missing	31	4.6%

Percentiles:				
10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQA04B
Type: Numeric
Variable label: 4.B. HOW OFTEN: I SET GOALS AT THE BEGINNING OF INSTRUCTION.
Unique values: 5

Missing values: 0
 Min: 1.00
 Mean: 3.33
 Max: 4.00
 Std. Dev.: 0.78
 Skew: -0.86

Value	Label	Freq.	Percent
1	Never or almost never	11	1.6%
2	Occasionally	91	13.4%
3	Frequently	222	32.7%
4	Always	328	48.3%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	4	4	4

Name: TQA04C
Type: Numeric
Variable label: 4.C. HOW OFTEN: I EXPLAIN WHAT I EXPECT THESE STUDENTS TO LEARN.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.39
Max: 4.00
Std. Dev.: 0.67
Skew: -0.73

Value	Label	Freq.	Percent
1	Never or almost never	2	0.3%
2	Occasionally	64	9.4%
3	Frequently	260	38.3%
4	Always	324	47.7%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA04D
Type: Numeric

Variable label: 4.D. HOW OFTEN: I EXPLAIN HOW NEW AND OLD TOPICS ARE RELATED.
 Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 3.29
 Max: 4.00
 Std. Dev.: 0.65
 Skew: -0.40

Value	Label	Freq.	Percent
1	Never or almost never	1	0.1%
2	Occasionally	66	9.7%
3	Frequently	326	48.0%
4	Always	259	38.1%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA04E
 Type: Numeric
 Variable label: 4.E. HOW OFTEN: I PRESENT TASKS FOR WHICH THERE IS NO OBVIOUS SOLUTION.
 Unique values: 6
 Missing values: 0
 Min: 1.00
 Mean: 2.24
 Max: 4.00
 Std. Dev.: 0.80
 Skew: 0.26

Value	Label	Freq.	Percent
1	Never or almost never	110	16.2%
2	Occasionally	316	46.5%
3	Frequently	185	27.2%
4	Always	39	5.7%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	2	2	2	3

Name: TQA04F
Type: Numeric
Variable label: 4.F. HOW OFTEN: I PRESENT TASKS THAT REQUIRE THESE STUDENTS TO APPLY WHAT THEY HAVE LEARNED TO NEW CONTEXTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.83
Max: 4.00
Std. Dev.: 0.65
Skew: -0.11

Value	Label	Freq.	Percent
1	Never or almost never	9	1.3%
2	Occasionally	175	25.8%
3	Frequently	383	56.4%
4	Always	85	12.5%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQA04G
Type: Numeric
Variable label: 4.G. HOW OFTEN: I GIVE TASKS THAT REQUIRE THESE STUDENTS TO THINK CRITICALLY.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.58
Max: 4.00
Std. Dev.: 0.79
Skew: 0.03

Value	Label	Freq.	Percent
1	Never or almost never	45	6.6%
2	Occasionally	259	38.1%
3	Frequently	269	39.6%
4	Always	76	11.2%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQA04H
Type: Numeric
Variable label: 4.H. HOW OFTEN: I ASK THESE STUDENTS TO DECIDE ON THEIR OWN PROCEDURES FOR SOLVING COMPLEX TASKS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.77
Max: 4.00
Std. Dev.: 0.79
Skew: -0.05

Value	Label	Freq.	Percent
1	Never or almost never	25	3.7%
2	Occasionally	217	32.0%
3	Frequently	290	42.7%
4	Always	118	17.4%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQA04I
Type: Numeric
Variable label: 4.I. HOW OFTEN: I GIVE THESE STUDENTS OPPORTUNITIES TO EXPLAIN THEIR IDEAS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.36
Max: 4.00
Std. Dev.: 0.65
Skew: -0.60

Value	Label	Freq.	Percent
1	Never or almost never	3	0.4%
2	Occasionally	52	7.7%
3	Frequently	306	45.1%
4	Always	291	42.9%

1	Never or almost never	51	7.5%
2	Occasionally	194	28.6%
3	Frequently	271	39.9%
4	Always	135	19.9%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQA05A
Type: Numeric
Variable label: 5.A. HOW FREQUENTLY DO YOU: EXPLAIN WHY A MATHEMATICAL PROCEDURE WORKS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.05
Max: 4.00
Std. Dev.: 0.74
Skew: -0.30

Value	Label	Freq.	Percent
1	Never or almost never	10	1.5%
2	Occasionally	132	19.4%
3	Frequently	326	48.0%
4	Always	182	26.8%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA05B
Type: Numeric
Variable label: 5.B. HOW FREQUENTLY DO YOU: ILLUSTRATE WHY A MATHEMATICAL PROCEDURE WORKS USING CONCRETE EXAMPLES OR GRAPHICS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.06

Max: 4.00
Std. Dev.: 0.73
Skew: -0.37

Value	Label	Freq.	Percent
1	Never or almost never	12	1.8%
2	Occasionally	122	18.0%
3	Frequently	334	49.2%
4	Always	182	26.8%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA05C

Type: Numeric

Variable label: 5.C. HOW FREQUENTLY DO YOU: ASK QUESTIONS THAT HELP THESE STUDENTS UNDERSTAND WHY A PROCEDURE WORKS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.12

Max: 4.00

Std. Dev.: 0.70

Skew: -0.32

Value	Label	Freq.	Percent
1	Never or almost never	6	0.9%
2	Occasionally	108	15.9%
3	Frequently	341	50.2%
4	Always	195	28.7%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA05D

Type: Numeric

Variable label: 5.D. HOW FREQUENTLY DO YOU: COMPARE DIFFERENT WAYS OF SOLVING PROBLEMS.

Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 3.15
 Max: 4.00
 Std. Dev.: 0.70
 Skew: -0.27

Value	Label	Freq.	Percent
1	Never or almost never	2	0.3%
2	Occasionally	111	16.3%
3	Frequently	324	47.7%
4	Always	215	31.7%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA06A
 Type: Numeric
 Variable label: 6.A. TARGET CLASS: I ADAPT THE LESSONS TO THIS CLASS'S NEEDS AND KNOWLEDGE.

Unique values: 4
 Missing values: 0
 Min: 2.00
 Mean: 3.53
 Max: 4.00
 Std. Dev.: 0.52
 Skew: -0.36

Value	Label	Freq.	Percent
2	Disagree	7	1.0%
3	Agree	290	42.7%
4	Strongly agree	355	52.3%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA06B

Type: Numeric
 Variable label: 6.B. TARGET CLASS: I CHANGE MY WAY OF EXPLANATION (E.G. USING DIFFERENT REPRESENTATIONS) WHEN A STUDENT HAS DIFFICULTIES UNDERSTANDING A TOPIC OR TASK.
 Unique values: 4
 Missing values: 0
 Min: 2.00
 Mean: 3.60
 Max: 4.00
 Std. Dev.: 0.52
 Skew: -0.67

Value	Label	Freq.	Percent
2	Disagree	8	1.2%
3	Agree	246	36.2%
4	Strongly agree	398	58.6%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA06C
 Type: Numeric
 Variable label: 6.C. TARGET CLASS: I CHANGE THE STRUCTURE OF THE LESSONS ON A TOPIC THAT MOST OF THESE STUDENTS FIND DIFFICULT TO UNDERSTAND.
 Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 3.44
 Max: 4.00
 Std. Dev.: 0.60
 Skew: -0.57

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	32	4.7%
3	Agree	298	43.9%
4	Strongly agree	319	47.0%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
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3

3

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Name: TQA06D
Type: Numeric
Variable label: 6.D. TARGET CLASS: I GIVE DIFFERENT WORK TO STUDENTS OF DIFFERENT ABILITY LEVELS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.79
Max: 4.00
Std. Dev.: 0.78
Skew: -0.31

Value	Label	Freq.	Percent
1	Strongly disagree	36	5.3%
2	Disagree	173	25.5%
3	Agree	331	48.7%
4	Strongly agree	111	16.3%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQA06E
Type: Numeric
Variable label: 6.E. TARGET CLASS: I ASK QUESTIONS TO CHECK IF THESE STUDENTS HAVE UNDERSTOOD WHAT I TAUGHT.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.60
Max: 4.00
Std. Dev.: 0.50
Skew: -0.49

Value	Label	Freq.	Percent
2	Disagree	2	0.3%
3	Agree	256	37.7%
4	Strongly agree	394	58.0%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA07A
Type: Numeric
Variable label: 7.A. AGREE: WHEN THE LESSON BEGINS, I HAVE TO WAIT QUITE A LONG TIME FOR THESE STUDENTS TO QUIETEN DOWN.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.91
Max: 4.00
Std. Dev.: 0.80
Skew: 0.56

Value	Label	Freq.	Percent
1	Strongly disagree	217	32.0%
2	Disagree	296	43.6%
3	Agree	116	17.1%
4	Strongly agree	22	3.2%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA07B
Type: Numeric
Variable label: 7.B. AGREE: I LOSE QUITE A LOT OF TIME BECAUSE OF STUDENTS INTERRUPTING THE LESSON.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.84
Max: 4.00
Std. Dev.: 0.78
Skew: 0.69

Value	Label	Freq.	Percent
1	Strongly disagree	235	34.6%
2	Disagree	303	44.6%
3	Agree	92	13.5%

4	Strongly agree	21	3.1%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA07C
Type: Numeric
Variable label: 7.C. AGREE: THERE IS MUCH DISRUPTIVE NOISE IN THIS CLASSROOM.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.79
Max: 4.00
Std. Dev.: 0.73
Skew: 0.67

Value	Label	Freq.	Percent
1	Strongly disagree	241	35.5%
2	Disagree	316	46.5%
3	Agree	79	11.6%
4	Strongly agree	14	2.1%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA07D
Type: Numeric
Variable label: 7.D. AGREE: IN THIS CLASS, STUDENTS ARE AWARE OF WHAT IS ALLOWED AND WHAT IS NOT ALLOWED.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.50
Max: 4.00
Std. Dev.: 0.59
Skew: -0.99

Value	Label	Freq.	Percent
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1	Strongly disagree	6	0.9%
2	Disagree	15	2.2%
3	Agree	278	40.9%
4	Strongly agree	352	51.8%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA07E
Type: Numeric
Variable label: 7.E. AGREE: IN THIS CLASS, STUDENTS KNOW WHY CERTAIN RULES ARE IMPORTANT.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.38

Max: 4.00

Std. Dev.: 0.59

Skew: -0.46

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	32	4.7%
3	Agree	331	48.7%
4	Strongly agree	285	42.0%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA07F
Type: Numeric
Variable label: 7.F. AGREE: I MANAGE TO STOP DISRUPTIONS QUICKLY.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.31

Max: 4.00

Std. Dev.:	0.68
Skew:	-0.96

Value	Label	Freq.	Percent
1	Strongly disagree	16	2.4%
2	Disagree	33	4.9%
3	Agree	331	48.7%
4	Strongly agree	269	39.6%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name:	TQA07G
Type:	Numeric
Variable label:	7.G. AGREE: I REACT TO DISRUPTIONS IN SUCH A WAY THAT THE STUDENTS STOP DISTURBING LEARNING.
Unique values:	5
Missing values:	0
Min:	1.00
Mean:	3.20
Max:	4.00
Std. Dev.:	0.77
Skew:	-1.04

Value	Label	Freq.	Percent
1	Strongly disagree	33	4.9%
2	Disagree	39	5.7%
3	Agree	343	50.5%
4	Strongly agree	235	34.6%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name:	TQA07H
Type:	Numeric
Variable label:	7.H. AGREE: IN THIS CLASS, TRANSITIONS FROM ONE PHASE OF THE LESSON TO THE OTHER (E.G., FROM CLASS DISCUSSIONS TO INDIVIDUAL WORK) TAKE A LOT OF TIME.
Unique values:	5

Missing values: 0
 Min: 1.00
 Mean: 2.15
 Max: 4.00
 Std. Dev.: 0.70
 Skew: 0.42

Value	Label	Freq.	Percent
1	Strongly disagree	95	14.0%
2	Disagree	389	57.3%
3	Agree	144	21.2%
4	Strongly agree	23	3.4%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
1	2	2	2	3

Name: TQA07I
Type: Numeric
Variable label: 7.I. AGREE: I AM IMMEDIATELY AWARE OF STUDENTS DOING SOMETHING ELSE.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.27
Max: 4.00
Std. Dev.: 0.58
Skew: -0.24

Value	Label	Freq.	Percent
1	Strongly disagree	3	0.4%
2	Disagree	35	5.2%
3	Agree	398	58.6%
4	Strongly agree	215	31.7%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA07J
Type: Numeric
Variable label: 7.J. AGREE: I AM AWARE OF WHAT IS HAPPENING IN THE CLASSROOM, EVEN IF I AM BUSY WITH AN INDIVIDUAL STUDENT.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.20
Max: 4.00
Std. Dev.: 0.58
Skew: -0.13

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	49	7.2%
3	Agree	414	61.0%
4	Strongly agree	185	27.2%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA08A
Type: Numeric
Variable label: 8.A. AGREE: I GIVE EXTRA HELP WHEN THESE STUDENTS NEED IT.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.43
Max: 4.00
Std. Dev.: 0.59
Skew: -0.54

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	26	3.8%
3	Agree	316	46.5%
4	Strongly agree	307	45.2%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name:	TQA08B			
Type:	Numeric			
Variable label:	8.B. AGREE: I CONTINUE TEACHING UNTIL THESE STUDENTS UNDERSTAND.			
Unique values:	5			
Missing values:	0			
Min:	1.00			
Mean:	3.18			
Max:	4.00			
Std. Dev.:	0.61			
Skew:	-0.16			

Value	Label	Freq.	Percent	
1	Strongly disagree	1	0.1%	
2	Disagree	68	10.0%	
3	Agree	390	57.4%	
4	Strongly agree	189	27.8%	
9999	Missing	31	4.6%	

Percentiles:				
10%	25%	50%	75%	90%
2	3	3	3	4

Name:	TQA08C			
Type:	Numeric			
Variable label:	8.C. AGREE: I HELP THESE STUDENTS WITH THEIR LEARNING.			
Unique values:	5			
Missing values:	0			
Min:	1.00			
Mean:	3.47			
Max:	4.00			
Std. Dev.:	0.53			
Skew:	-0.29			

Value	Label	Freq.	Percent	
1	Strongly disagree	1	0.1%	
2	Disagree	9	1.3%	
3	Agree	326	48.0%	
4	Strongly agree	315	46.4%	
9999	Missing	28	4.1%	

Percentiles:				
10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA08D
Type: Numeric
Variable label: 8.D. AGREE: I AIM TO MAKE THESE STUDENTS FEEL CONFIDENT IN THEIR ABILITY TO DO WELL IN THE COURSE.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.52
Max: 4.00
Std. Dev.: 0.54
Skew: -0.51

Value	Label	Freq.	Percent
2	Disagree	15	2.2%
3	Agree	283	41.7%
4	Strongly agree	354	52.1%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA08E
Type: Numeric
Variable label: 8.E. AGREE: I LISTEN TO THESE STUDENTS' VIEWS ON HOW TO DO THINGS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.33
Max: 4.00
Std. Dev.: 0.66
Skew: -0.62

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%
2	Disagree	54	8.0%
3	Agree	315	46.4%
4	Strongly agree	276	40.6%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA08F
Type: Numeric
Variable label: 8.F. AGREE: I AIM TO SHOW THESE STUDENTS THAT I UNDERSTAND THEM.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.40
Max: 4.00
Std. Dev.: 0.63
Skew: -0.62

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	45	6.6%
3	Agree	297	43.7%
4	Strongly agree	306	45.1%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA08G
Type: Numeric
Variable label: 8.G. AGREE: I AIM TO MAKE THESE STUDENTS FEEL CONFIDENT IN THEIR ABILITY TO LEARN THE MATERIAL.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.48
Max: 4.00
Std. Dev.: 0.62
Skew: -0.79

Value	Label	Freq.	Percent
2	Disagree	44	6.5%
3	Agree	248	36.5%
4	Strongly agree	359	52.9%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA08H
Type: Numeric
Variable label: 8.H. AGREE: I PROVIDE THESE STUDENTS WITH DIFFERENT ALTERNATIVES (E.G. LEARNING MATERIALS OR TASKS).
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.17
Max: 4.00
Std. Dev.: 0.65
Skew: -0.35

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%
2	Disagree	78	11.5%
3	Agree	371	54.6%
4	Strongly agree	198	29.2%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA08I
Type: Numeric
Variable label: 8.I. AGREE: I ENCOURAGE THESE STUDENTS TO FIND THE BEST WAY TO PROCEED BY THEMSELVES.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.27
Max: 4.00
Std. Dev.: 0.64
Skew: -0.42

Value	Label	Freq.	Percent
1	Strongly disagree	3	0.4%
2	Disagree	60	8.8%
3	Agree	344	50.7%

4	Strongly agree	243	35.8%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA08J
Type: Numeric
Variable label: 8.J. AGREE: I LET THE STUDENTS WORK ON THEIR OWN.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.17
Max: 4.00
Std. Dev.: 0.68
Skew: -0.52

Value	Label	Freq.	Percent
1	Strongly disagree	10	1.5%
2	Disagree	73	10.8%
3	Agree	365	53.8%
4	Strongly agree	202	29.7%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA08K
Type: Numeric
Variable label: 8.K. AGREE: I APPRECIATE IT WHEN DIFFERENT SOLUTIONS COME UP FOR DISCUSSION.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.61
Max: 4.00
Std. Dev.: 0.50
Skew: -0.62

Value	Label	Freq.	Percent
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2	Disagree	5	0.7%
3	Agree	246	36.2%
4	Strongly agree	401	59.1%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA09A

Type: Numeric

Variable label: 9.A. AGREE: I GET ALONG WELL WITH THESE STUDENTS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.49

Max: 4.00

Std. Dev.: 0.55

Skew: -0.47

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	13	1.9%
3	Agree	303	44.6%
4	Strongly agree	334	49.2%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA09B

Type: Numeric

Variable label: 9.B. AGREE: I SHOW INTEREST IN THESE STUDENTS' WELLBEING.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.57

Max: 4.00

Std. Dev.: 0.55

Skew: -0.86

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	16	2.4%
3	Agree	244	35.9%
4	Strongly agree	389	57.3%
9999	Missing	29	4.3%

Percentiles:				
10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA09C
Type: Numeric
Variable label: 9.C. AGREE: I REALLY LISTEN TO WHAT THESE STUDENTS HAVE TO SAY.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.53
Max: 4.00
Std. Dev.: 0.54
Skew: -0.65

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	9	1.3%
3	Agree	285	42.0%
4	Strongly agree	355	52.3%
9999	Missing	28	4.1%

Percentiles:				
10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA09D
Type: Numeric
Variable label: 9.D. AGREE: I TREAT THESE STUDENTS FAIRLY.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.62
Max: 4.00

Std. Dev.:	0.51				
Skew:	-0.69				
Value	Label	Freq.	Percent		
2	Disagree	6	0.9%		
3	Agree	238	35.1%		
4	Strongly agree	408	60.1%		
9999	Missing	27	4.0%		
Percentiles:					
	10%	25%	50%	75%	90%
	3	3	4	4	4

Name:	TQA09E				
Type:	Numeric				
Variable label:	9.E. AGREE: I MAKE STUDENTS FEEL I REALLY CARE ABOUT THEM.				
Unique values:	5				
Missing values:	0				
Min:	1.00				
Mean:	3.50				
Max:	4.00				
Std. Dev.:	0.63				
Skew:	-0.97				
Value	Label	Freq.	Percent		
1	Strongly disagree	3	0.4%		
2	Disagree	37	5.4%		
3	Agree	243	35.8%		
4	Strongly agree	367	54.1%		
9999	Missing	29	4.3%		
Percentiles:					
	10%	25%	50%	75%	90%
	3	3	4	4	4

Name:	TQA10A			
Type:	Numeric			
Variable label:	10.A. AGREE: I TEACH MATHEMATICS IN THIS CLASS WITH GREAT ENTHUSIASM.			
Unique values:	4			
Missing values:	0			
Min:	2.00			

Mean: 3.53
Max: 4.00
Std. Dev.: 0.53
Skew: -0.44

Value	Label	Freq.	Percent
2	Disagree	10	1.5%
3	Agree	285	42.0%
4	Strongly agree	357	52.6%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA10B
Type: Numeric
Variable label: 10.B. AGREE: I ALWAYS ENJOY TEACHING THESE STUDENTS NEW THINGS.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.58
Max: 4.00
Std. Dev.: 0.54
Skew: -0.78

Value	Label	Freq.	Percent
2	Disagree	15	2.2%
3	Agree	241	35.5%
4	Strongly agree	396	58.3%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA10C
Type: Numeric
Variable label: 10.C. AGREE: I ENJOY INTERACTING WITH THESE STUDENTS.
Unique values: 4
Missing values: 0
Min: 2.00

Mean: 3.64
 Max: 4.00
 Std. Dev.: 0.49
 Skew: -0.74

Value	Label	Freq.	Percent
2	Disagree	4	0.6%
3	Agree	226	33.3%
4	Strongly agree	422	62.2%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA10D
Type: Numeric
Variable label: 10.D. AGREE: IT'S A PLEASURE TO TEACH THIS CLASS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.46
Max: 4.00
Std. Dev.: 0.59
Skew: -0.64

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	31	4.6%
3	Agree	286	42.1%
4	Strongly agree	334	49.2%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA10E
Type: Numeric
Variable label: 10.E. AGREE: I AM ENTHUSIASTIC ABOUT THE SUBJECT OF MATHEMATICS.
Unique values: 4
Missing values: 0

Min: 2.00
 Mean: 3.71
 Max: 4.00
 Std. Dev.: 0.49
 Skew: -1.30

Value	Label	Freq.	Percent
2	Disagree	10	1.5%
3	Agree	171	25.2%
4	Strongly agree	471	69.4%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA10F
Type: Numeric
Variable label: 10.F. AGREE: ENGAGING IN THE SUBJECT OF MATHEMATICS IS ONE OF MY FAVORITE ACTIVITIES.

Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 3.56
 Max: 4.00
 Std. Dev.: 0.61
 Skew: -1.19

Value	Label	Freq.	Percent
1	Strongly disagree	3	0.4%
2	Disagree	31	4.6%
3	Agree	214	31.5%
4	Strongly agree	404	59.5%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA10G
Type: Numeric
Variable label: 10.G. AGREE: I ENGAGE IN THE SUBJECT OF MATHEMATICS BECAUSE I ENJOY

IT.
 Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 3.62
 Max: 4.00
 Std. Dev.: 0.56
 Skew: -1.19

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	21	3.1%
3	Agree	201	29.6%
4	Strongly agree	429	63.2%
9999	Missing	27	4.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA10H
Type: Numeric
Variable label: 10.H. AGREE: BECAUSE ENGAGING IN THE SUBJECT OF MATHEMATICS IS FUN, I WOULDN'T WANT TO GIVE IT UP.

Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 3.49
 Max: 4.00
 Std. Dev.: 0.67
 Skew: -1.11

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%
2	Disagree	51	7.5%
3	Agree	216	31.8%
4	Strongly agree	379	55.8%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA11A
Type: Numeric
Variable label: 11.A. IN TARGET CLASS, TO WHAT EXTENT: GET STUDENTS IN THIS CLASS TO BELIEVE THEY CAN DO WELL IN SCHOOL WORK.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.11
Max: 4.00
Std. Dev.: 0.71
Skew: -0.17

Value	Label	Freq.	Percent
2	To some extent	130	19.1%
3	Quite a bit	316	46.5%
4	A lot	204	30.0%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA11B
Type: Numeric
Variable label: 11.B. IN TARGET CLASS, TO WHAT EXTENT: HELP THESE STUDENTS' VALUE LEARNING.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.10
Max: 4.00
Std. Dev.: 0.73
Skew: -0.18

Value	Label	Freq.	Percent
1	Not at all	1	0.1%
2	To some extent	140	20.6%
3	Quite a bit	303	44.6%
4	A lot	206	30.3%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA11C
Type: Numeric
Variable label: 11.C. IN TARGET CLASS, TO WHAT EXTENT: CRAFT GOOD QUESTIONS FOR THESE STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.20
Max: 4.00
Std. Dev.: 0.64
Skew: -0.24

Value	Label	Freq.	Percent
1	Not at all	1	0.1%
2	To some extent	77	11.3%
3	Quite a bit	361	53.2%
4	A lot	209	30.8%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA11D
Type: Numeric
Variable label: 11.D. IN TARGET CLASS, TO WHAT EXTENT: CONTROL DISRUPTIVE BEHAVIOR IN THIS CLASSROOM.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.39
Max: 4.00
Std. Dev.: 0.65
Skew: -0.63

Value	Label	Freq.	Percent
1	Not at all	1	0.1%
2	To some extent	55	8.1%
3	Quite a bit	280	41.2%
4	A lot	311	45.8%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA11E
Type: Numeric
Variable label: 11.E. IN TARGET CLASS, TO WHAT EXTENT: MOTIVATE STUDENTS IN THIS CLASS WHO SHOW LOW INTEREST IN SCHOOL WORK.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 2.90
Max: 4.00
Std. Dev.: 0.77
Skew: -0.07

Value	Label	Freq.	Percent
1	Not at all	12	1.8%
2	To some extent	191	28.1%
3	Quite a bit	295	43.4%
4	A lot	151	22.2%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQA11F
Type: Numeric
Variable label: 11.F. IN TARGET CLASS, TO WHAT EXTENT: MAKE MY EXPECTATIONS ABOUT STUDENT BEHAVIOR CLEAR IN THIS CLASS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.43
Max: 4.00
Std. Dev.: 0.65
Skew: -0.77

Value	Label	Freq.	Percent
1	Not at all	2	0.3%
2	To some extent	51	7.5%
3	Quite a bit	263	38.7%

4	A lot	333	49.0%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name:	TQA11G
Type:	Numeric
Variable label:	11.G. IN TARGET CLASS, TO WHAT EXTENT: HELP STUDENTS THINK CRITICALLY.
Unique values:	5
Missing values:	0
Min:	1.00
Mean:	2.98
Max:	4.00
Std. Dev.:	0.79
Skew:	-0.33

Value	Label	Freq.	Percent
1	Not at all	20	2.9%
2	To some extent	151	22.2%
3	Quite a bit	301	44.3%
4	A lot	178	26.2%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name:	TQA11H
Type:	Numeric
Variable label:	11.H. IN TARGET CLASS, TO WHAT EXTENT: GET STUDENTS IN THIS CLASS TO FOLLOW CLASSROOM RULES.
Unique values:	4
Missing values:	0
Min:	2.00
Mean:	3.44
Max:	4.00
Std. Dev.:	0.61
Skew:	-0.60

Value	Label	Freq.	Percent
2	To some extent	41	6.0%
3	Quite a bit	282	41.5%
4	A lot	326	48.0%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA11I
Type: Numeric
Variable label: 11.I. IN TARGET CLASS, TO WHAT EXTENT: CALM A STUDENT IN THIS CLASS WHO IS DISRUPTIVE OR NOISY.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.40
Max: 4.00
Std. Dev.: 0.68
Skew: -0.84

Value	Label	Freq.	Percent
1	Not at all	5	0.7%
2	To some extent	55	8.1%
3	Quite a bit	263	38.7%
4	A lot	326	48.0%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA11J
Type: Numeric
Variable label: 11.J. IN TARGET CLASS, TO WHAT EXTENT: USE A VARIETY OF ASSESSMENT STRATEGIES IN THIS CLASS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.03

Max: 4.00
Std. Dev.: 0.77
Skew: -0.26

Value	Label	Freq.	Percent
1	Not at all	10	1.5%
2	To some extent	151	22.2%
3	Quite a bit	298	43.9%
4	A lot	191	28.1%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA11K
Type: Numeric
Variable label: 11.K. IN TARGET CLASS, TO WHAT EXTENT: PROVIDE AN ALTERNATIVE EXPLANATION FOR EXAMPLES IN THIS CLASS WHEN STUDENTS ARE CONFUSED.

Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.42
Max: 4.00
Std. Dev.: 0.61
Skew: -0.56

Value	Label	Freq.	Percent
2	To some extent	43	6.3%
3	Quite a bit	290	42.7%
4	A lot	317	46.7%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA11L
Type: Numeric
Variable label: 11.L. IN TARGET CLASS, TO WHAT EXTENT: VARY INSTRUCTIONAL STRATEGIES IN THIS CLASSROOM.

Unique values: 5

Missing values: 0
 Min: 1.00
 Mean: 3.12
 Max: 4.00
 Std. Dev.: 0.73
 Skew: -0.22

Value	Label	Freq.	Percent
1	Not at all	1	0.1%
2	To some extent	136	20.0%
3	Quite a bit	294	43.3%
4	A lot	219	32.3%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA12A
Type: Numeric
Variable label: 12.A. WHILE TEACHING TARGET CLASS: I ENJOY TEACHING THESE STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.60
Max: 4.00
Std. Dev.: 0.52
Skew: -0.75

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	6	0.9%
3	Agree	248	36.5%
4	Strongly agree	395	58.2%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA12B
Type: Numeric

Variable label: 12.B. WHILE TEACHING TARGET CLASS: I HAVE REASON TO BE ANGRY WHILE I TEACH THESE STUDENTS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.71
Max: 4.00
Std. Dev.: 0.73
Skew: 0.73

Value	Label	Freq.	Percent
1	Strongly disagree	284	41.8%
2	Disagree	278	40.9%
3	Agree	77	11.3%
4	Strongly agree	9	1.3%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA12C

Type: Numeric

Variable label: 12.C. WHILE TEACHING TARGET CLASS: I OFTEN FEEL ANNOYED WHILE TEACHING THESE STUDENTS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.53
Max: 4.00
Std. Dev.: 0.62
Skew: 0.82

Value	Label	Freq.	Percent
1	Strongly disagree	348	51.3%
2	Disagree	261	38.4%
3	Agree	39	5.7%
4	Strongly agree	2	0.3%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQA12D
Type: Numeric
Variable label: 12.D. WHILE TEACHING TARGET CLASS: I AM OFTEN WORRIED THAT MY TEACHING ISN'T GOING SO WELL IN THIS CLASS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.19
Max: 4.00
Std. Dev.: 0.87
Skew: 0.35

Value	Label	Freq.	Percent
1	Strongly disagree	142	20.9%
2	Disagree	293	43.2%
3	Agree	163	24.0%
4	Strongly agree	52	7.7%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
1	2	2	2	3

Name: TQA12E
Type: Numeric
Variable label: 12.E. WHILE TEACHING TARGET CLASS: I FEEL TENSE AND NERVOUS WHILE TEACHING THESE STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.37
Max: 4.00
Std. Dev.: 0.56
Skew: 1.50

Value	Label	Freq.	Percent
1	Strongly disagree	434	63.9%
2	Disagree	200	29.5%
3	Agree	12	1.8%
4	Strongly agree	5	0.7%
9999	Missing	28	4.1%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQA12F
Type: Numeric
Variable label: 12.F. WHILE TEACHING TARGET CLASS: I FEEL UNEASY WHEN I THINK ABOUT TEACHING THESE STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.37
Max: 4.00
Std. Dev.: 0.61
Skew: 1.70

Value	Label	Freq.	Percent
1	Strongly disagree	446	65.7%
2	Disagree	174	25.6%
3	Agree	23	3.4%
4	Strongly agree	7	1.0%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQA12G
Type: Numeric
Variable label: 12.G. WHILE TEACHING TARGET CLASS: TEACHING THESE STUDENTS FRUSTRATES ME.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.37
Max: 4.00
Std. Dev.: 0.59
Skew: 1.42

Value	Label	Freq.	Percent
1	Strongly disagree	442	65.1%
2	Disagree	175	25.8%
3	Agree	31	4.6%
4	Strongly agree	2	0.3%

1	Strongly disagree	12	1.8%
2	Disagree	59	8.7%
3	Agree	309	45.5%
4	Strongly agree	268	39.5%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA12J
Type: Numeric
Variable label: 12.J. WHILE TEACHING TARGET CLASS: I HAVE SO MUCH FUN TEACHING THESE STUDENTS THAT I GLADLY PREPARE AND TEACH MY LESSONS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.29
Max: 4.00
Std. Dev.: 0.66
Skew: -0.55

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%
2	Disagree	60	8.8%
3	Agree	328	48.3%
4	Strongly agree	257	37.8%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2.5	3	3	3	4

Name: TQA12K
Type: Numeric
Variable label: 12.K. WHILE TEACHING TARGET CLASS: SOMETIMES I GET REALLY MAD AT THESE STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00

Mean: 1.95
 Max: 4.00
 Std. Dev.: 0.84
 Skew: 0.43

Value	Label	Freq.	Percent
1	Strongly disagree	227	33.4%
2	Disagree	252	37.1%
3	Agree	150	22.1%
4	Strongly agree	21	3.1%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA12L
Type: Numeric
Variable label: 12.L. WHILE TEACHING TARGET CLASS: I TEACH THESE STUDENTS WITH ENTHUSIASM.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.52
Max: 4.00
Std. Dev.: 0.54
Skew: -0.52

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	10	1.5%
3	Agree	289	42.6%
4	Strongly agree	349	51.4%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA13A
Type: Numeric

Variable label: 13.A. PREFER GOAL: (1) MOTIVATION VS. (2) MATHEMATICAL KNOWLEDGE AND SKILLS

Unique values: 4

Missing values: 0

Min: 1.00

Mean: 1.62

Max: 2.00

Std. Dev.: 0.49

Skew: -0.47

Value	Label	Freq.	Percent
1	Option 1	241	35.5%
2	Option 2	385	56.7%
9998	Multiple responses	10	1.5%
9999	Missing	43	6.3%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA13B

Type: Numeric

Variable label: 13.B. PREFER GOAL: (1) MOTIVATION VS. (2) MATHEMATICAL THINKING AND REASONING

Unique values: 4

Missing values: 0

Min: 1.00

Mean: 1.71

Max: 2.00

Std. Dev.: 0.45

Skew: -0.92

Value	Label	Freq.	Percent
1	Option 1	181	26.7%
2	Option 2	442	65.1%
9998	Multiple responses	10	1.5%
9999	Missing	46	6.8%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA13C
Type: Numeric
Variable label: 13.C. PREFER GOAL: (1) MOTIVATION VS. (2) APPLICATION OF MATHEMATICAL CONTENT
Unique values: 4
Missing values: 0
Min: 1.00
Mean: 1.60
Max: 2.00
Std. Dev.: 0.49
Skew: -0.41

Value	Label	Freq.	Percent
1	Option 1	248	36.5%
2	Option 2	372	54.8%
9998	Multiple responses	10	1.5%
9999	Missing	49	7.2%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA13D
Type: Numeric
Variable label: 13.D. PREFER GOAL: (1) MOTIVATION VS. (2) VALUES
Unique values: 4
Missing values: 0
Min: 1.00
Mean: 1.54
Max: 2.00
Std. Dev.: 0.50
Skew: -0.17

Value	Label	Freq.	Percent
1	Option 1	284	41.8%
2	Option 2	338	49.8%
9998	Multiple responses	10	1.5%
9999	Missing	47	6.9%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA13E
Type: Numeric
Variable label: 13.E. PREFER GOAL: (1) VALUES VS. (2) MATHEMATICAL KNOWLEDGE AND SKILLS
Unique values: 4
Missing values: 0
Min: 1.00
Mean: 1.60
Max: 2.00
Std. Dev.: 0.49
Skew: -0.41

Value	Label	Freq.	Percent
1	Option 1	250	36.8%
2	Option 2	374	55.1%
9998	Multiple responses	9	1.3%
9999	Missing	46	6.8%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA13F
Type: Numeric
Variable label: 13.F. PREFER GOAL: (1) VALUES VS. (2) MATHEMATICAL THINKING AND REASONING
Unique values: 4
Missing values: 0
Min: 1.00
Mean: 1.65
Max: 2.00
Std. Dev.: 0.48
Skew: -0.63

Value	Label	Freq.	Percent
1	Option 1	216	31.8%
2	Option 2	403	59.4%
9998	Multiple responses	9	1.3%
9999	Missing	51	7.5%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name:	TQA13G			
Type:	Numeric			
Variable label:	13.G. PREFER GOAL: (1) VALUES VS. (2) APPLICATION OF MATHEMATICAL CONTENT			
Unique values:	4			
Missing values:	0			
Min:	1.00			
Mean:	1.58			
Max:	2.00			
Std. Dev.:	0.49			
Skew:	-0.32			

Value	Label	Freq.	Percent	
1	Option 1	261	38.4%	
2	Option 2	359	52.9%	
9998	Multiple responses	10	1.5%	
9999	Missing	49	7.2%	

Percentiles:				
10%	25%	50%	75%	90%
1	1	2	2	2

Name:	TQA13H			
Type:	Numeric			
Variable label:	13.H. PREFER GOAL: (1) APPLICATION OF MATHEMATICAL CONTENT VS. (2) MATHEMATICAL THINKING AND REASONING			
Unique values:	4			
Missing values:	0			
Min:	1.00			
Mean:	1.66			
Max:	2.00			
Std. Dev.:	0.47			
Skew:	-0.70			

Value	Label	Freq.	Percent	
1	Option 1	209	30.8%	
2	Option 2	414	61.0%	
9998	Multiple responses	10	1.5%	
9999	Missing	46	6.8%	

Percentiles:				
10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA13I
Type: Numeric
Variable label: 13.I. PREFER GOAL: (1) APPLICATION OF MATHEMATICAL CONTENT VS. (2) MATHEMATICAL KNOWLEDGE AND SKILLS
Unique values: 4
Missing values: 0
Min: 1.00
Mean: 1.59
Max: 2.00
Std. Dev.: 0.49
Skew: -0.36

Value	Label	Freq.	Percent
1	Option 1	256	37.7%
2	Option 2	365	53.8%
9998	Multiple responses	10	1.5%
9999	Missing	48	7.1%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQA13J
Type: Numeric
Variable label: 13.J. PREFER GOAL: (1) MATHEMATICAL THINKING AND REASONING VS. (2) MATHEMATICAL KNOWLEDGE AND SKILLS
Unique values: 4
Missing values: 0
Min: 1.00
Mean: 1.37
Max: 2.00
Std. Dev.: 0.48
Skew: 0.54

Value	Label	Freq.	Percent
1	Option 1	392	57.7%
2	Option 2	229	33.7%
9998	Multiple responses	10	1.5%
9999	Missing	48	7.1%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQA14A
Type: Numeric
Variable label: 14.A. TO WHAT EXTENT DOES THIS LIMIT HOW TEACH: STUDENTS LACKING PREREQUISITE KNOWLEDGE OR SKILLS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.33
Max: 4.00
Std. Dev.: 0.81
Skew: 0.57

Value	Label	Freq.	Percent
1	Not at all	69	10.2%
2	To some extent	367	54.1%
3	Quite a bit	142	20.9%
4	A lot	71	10.5%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
1	2	2	2	4

Name: TQA14B
Type: Numeric
Variable label: 14.B. TO WHAT EXTENT DOES THIS LIMIT HOW TEACH: STUDENTS SUFFERING FROM LACK OF BASIC NUTRITION.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.56
Max: 4.00
Std. Dev.: 0.88
Skew: 1.50

Value	Label	Freq.	Percent
1	Not at all	416	61.3%
2	To some extent	140	20.6%
3	Quite a bit	54	8.0%
4	A lot	39	5.7%

1	Not at all	251	37.0%
2	To some extent	280	41.2%
3	Quite a bit	82	12.1%
4	A lot	35	5.2%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA14E
Type: Numeric
Variable label: 14.E. TO WHAT EXTENT DOES THIS LIMIT HOW TEACH: UNINTERESTED STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.24
Max: 4.00
Std. Dev.: 0.84
Skew: 0.64

Value	Label	Freq.	Percent
1	Not at all	97	14.3%
2	To some extent	370	54.5%
3	Quite a bit	111	16.3%
4	A lot	72	10.6%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
1	2	2	2	4

Name: TQA14F
Type: Numeric
Variable label: 14.F. TO WHAT EXTENT DOES THIS LIMIT HOW TEACH: STUDENTS WITH PHYSICAL DISABILITIES.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.18

Max: 4.00
 Std. Dev.: 0.47
 Skew: 3.11

Value	Label	Freq.	Percent
1	Not at all	547	80.6%
2	To some extent	92	13.5%
3	Quite a bit	5	0.7%
4	A lot	6	0.9%
9999	Missing	29	4.3%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQA14G
Type: Numeric
Variable label: 14.G. TO WHAT EXTENT DOES THIS LIMIT HOW TEACH: STUDENTS WITH MENTAL, EMOTIONAL, OR PSYCHOLOGICAL DISABILITIES.

Unique values: 6
 Missing values: 0
 Min: 1.00
 Mean: 1.60
 Max: 4.00
 Std. Dev.: 0.72
 Skew: 1.16

Value	Label	Freq.	Percent
1	Not at all	333	49.0%
2	To some extent	257	37.8%
3	Quite a bit	43	6.3%
4	A lot	16	2.4%
9997	Illegible response	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQA15A
Type: Numeric
Variable label: 15.A. I WOULD FEEL PERSONALLY RESPONSIBLE IF A STUDENT OF MINE HAD VERY

LOW ACHIEVEMENT.

Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.77
Max: 6.00
Std. Dev.: 1.20
Skew: -0.12

Value	Label	Freq.	Percent
1	1. Not at all	16	2.4%
2	2.	87	12.8%
3	3.	161	23.7%
4	4.	197	29.0%
5	5.	145	21.4%
All other values		30	4.4%

Percentiles:

10%	25%	50%	75%	90%
2	3	4	4	5

Name: TQA15B
Type: Numeric
Variable label: 15.B. I WOULD FEEL PERSONALLY RESPONSIBLE IF A STUDENT OF MINE FAILED TO MAKE EXCELLENT PROGRESS THROUGHOUT THE SCHOOL YEAR.

Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.78
Max: 6.00
Std. Dev.: 1.21
Skew: -0.12

Value	Label	Freq.	Percent
1	1. Not at all	19	2.8%
2	2.	77	11.3%
3	3.	160	23.6%
4	4.	213	31.4%
5	5.	129	19.0%
All other values		30	4.4%

Percentiles:

10%	25%	50%	75%	90%
2	3	4	4	5

Name: TQA15C
Type: Numeric
Variable label: 15.C. I WOULD FEEL PERSONALLY RESPONSIBLE IF A STUDENT OF MINE FAILED TO LEARN THE REQUIRED MATERIAL.
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.87
Max: 6.00
Std. Dev.: 1.18
Skew: -0.20

Value	Label	Freq.	Percent
1	1. Not at all	14	2.1%
2	2.	76	11.2%
3	3.	139	20.5%
4	4.	223	32.8%
5	5.	145	21.4%
All other values		31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	3	4	4	5

Name: TQA15D
Type: Numeric
Variable label: 15.D. I WOULD FEEL PERSONALLY RESPONSIBLE IF A STUDENT OF MINE DID NOT LIKE THE SUBJECT I TEACH.
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.41
Max: 6.00
Std. Dev.: 1.42
Skew: 0.05

Value	Label	Freq.	Percent
1	1. Not at all	65	9.6%
2	2.	121	17.8%
3	3.	157	23.1%
4	4.	149	21.9%
5	5.	107	15.8%
All other values		29	4.3%

Percentiles:

10%	25%	50%	75%	90%
1.5	2	3	3	5

Name: TQA15E
Type: Numeric
Variable label: 15.E. I WOULD FEEL PERSONALLY RESPONSIBLE IF A STUDENT OF MINE DID NOT VALUE LEARNING THE SUBJECT I TEACH.
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.57
Max: 6.00
Std. Dev.: 1.33
Skew: 0.02

Value	Label	Freq.	Percent
1	1. Not at all	35	5.2%
2	2.	117	17.2%
3	3.	164	24.2%
4	4.	165	24.3%
5	5.	117	17.2%
All other values		29	4.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	4	4	5

Name: TQA15F
Type: Numeric
Variable label: 15.F. I WOULD FEEL PERSONALLY RESPONSIBLE IF A LESSON I TAUGHT FAILED TO REFLECT MY HIGHEST ABILITY AS A TEACHER.
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 4.58
Max: 6.00
Std. Dev.: 1.43
Skew: -0.89

Value	Label	Freq.	Percent
1	1. Not at all	26	3.8%
2	2.	50	7.4%

3	3.	66	9.7%
4	4.	103	15.2%
5	5.	189	27.8%
All other values		31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	4	5	5	6

Name: TQA15G
Type: Numeric
Variable label: 15.G. I WOULD FEEL PERSONALLY RESPONSIBLE IF A LESSON I TAUGHT WAS NOT AS EFFECTIVE FOR STUDENT LEARNING AS I COULD HAVE POSSIBLY MADE IT.

Unique values: 7
Missing values: 0
Min: 1.00
Mean: 4.71
Max: 6.00
Std. Dev.: 1.22
Skew: -1.00

Value	Label	Freq.	Percent
1	1. Not at all	10	1.5%
2	2.	40	5.9%
3	3.	48	7.1%
4	4.	119	17.5%
5	5.	243	35.8%
All other values		32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	4	5	5	6

Name: TQA15H
Type: Numeric
Variable label: 15.H. I WOULD FEEL PERSONALLY RESPONSIBLE IF A LESSON I TAUGHT WAS NOT AS ENGAGING FOR STUDENTS AS I COULD HAVE POSSIBLY MADE IT.

Unique values: 8
Missing values: 0
Min: 1.00

Mean: 4.64
 Max: 6.00
 Std. Dev.: 1.20
 Skew: -0.85

Value	Label	Freq.	Percent
1	1. Not at all	7	1.0%
2	2.	40	5.9%
3	3.	62	9.1%
4	4.	128	18.9%
5	5.	245	36.1%
All other values		31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	4	5	5	6

Name: TQA15I
Type: Numeric
Variable label: 15.I. I WOULD FEEL PERSONALLY RESPONSIBLE IF A STUDENT OF MINE WAS NOT INTERESTED IN THE SUBJECT I TEACH.

Unique values: 7
 Missing values: 0
 Min: 1.00
 Mean: 3.40
 Max: 6.00
 Std. Dev.: 1.35
 Skew: 0.13

Value	Label	Freq.	Percent
1	1. Not at all	48	7.1%
2	2.	133	19.6%
3	3.	169	24.9%
4	4.	155	22.8%
5	5.	98	14.4%
All other values		31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	5

Name: TQA16A

Type: Numeric
Variable label: 16.A. GENERAL, TO WHAT EXTENT: GET STUDENTS TO BELIEVE THEY CAN DO WELL IN SCHOOL WORK.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.06
Max: 4.00
Std. Dev.: 0.71
Skew: -0.21

Value	Label	Freq.	Percent
1	Not at all	5	0.7%
2	To some extent	132	19.4%
3	Quite a bit	333	49.0%
4	A lot	178	26.2%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA16B
Type: Numeric
Variable label: 16.B. GENERAL, TO WHAT EXTENT: HELP MY STUDENT'S VALUE LEARNING.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.07
Max: 4.00
Std. Dev.: 0.72
Skew: -0.18

Value	Label	Freq.	Percent
1	Not at all	3	0.4%
2	To some extent	139	20.5%
3	Quite a bit	314	46.2%
4	A lot	192	28.3%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA16C
Type: Numeric
Variable label: 16.C. GENERAL, TO WHAT EXTENT: CRAFT GOOD QUESTIONS FOR MY STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.22
Max: 4.00
Std. Dev.: 0.64
Skew: -0.27

Value	Label	Freq.	Percent
1	Not at all	1	0.1%
2	To some extent	72	10.6%
3	Quite a bit	356	52.4%
4	A lot	220	32.4%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA16D
Type: Numeric
Variable label: 16.D. GENERAL, TO WHAT EXTENT: CONTROL DISRUPTIVE BEHAVIOR IN THE CLASSROOM.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.36
Max: 4.00
Std. Dev.: 0.65
Skew: -0.57

Value	Label	Freq.	Percent
1	Not at all	2	0.3%
2	To some extent	55	8.1%
3	Quite a bit	300	44.2%
4	A lot	290	42.7%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA16E
Type: Numeric
Variable label: 16.E. GENERAL, TO WHAT EXTENT: GET STUDENTS TO FOLLOW CLASSROOM RULES.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.40
Max: 4.00
Std. Dev.: 0.61
Skew: -0.57

Value	Label	Freq.	Percent
1	Not at all	2	0.3%
2	To some extent	37	5.4%
3	Quite a bit	309	45.5%
4	A lot	301	44.3%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA16F
Type: Numeric
Variable label: 16.F. GENERAL, TO WHAT EXTENT: PROVIDE AN ALTERNATIVE EXPLANATION FOR EXAMPLE WHEN STUDENTS ARE CONFUSED.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.48
Max: 4.00
Std. Dev.: 0.57
Skew: -0.55

Value	Label	Freq.	Percent
2	To some extent	25	3.7%
3	Quite a bit	286	42.1%
4	A lot	338	49.8%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA17A

Type: Numeric

Variable label: 17.A. TO WHAT EXTENT AGREE: THINKING AND REASONING PROCESSES ARE MORE IMPORTANT THAN SPECIFIC CURRICULUM CONTENT.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.17

Max: 4.00

Std. Dev.: 0.70

Skew: -0.51

Value	Label	Freq.	Percent
1	Strongly disagree	10	1.5%
2	Disagree	83	12.2%
3	Agree	341	50.2%
4	Strongly agree	210	30.9%
9999	Missing	35	5.2%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA17B

Type: Numeric

Variable label: 17.B. TO WHAT EXTENT AGREE: MY ROLE AS A TEACHER IS TO FACILITATE STUDENTS' OWN INQUIRY.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.19

Max: 4.00

Std. Dev.: 0.61

Skew: -0.22

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%

2	Disagree	66	9.7%
3	Agree	386	56.8%
4	Strongly agree	193	28.4%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA17C
Type: Numeric
Variable label: 17.C. TO WHAT EXTENT AGREE: STUDENTS SHOULD BE ALLOWED TO THINK OF SOLUTIONS TO PRACTICAL PROBLEMS THEMSELVES BEFORE THE TEACHER SHOWS THEM HOW THEY ARE SOLVED.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.39

Max: 4.00

Std. Dev.: 0.59

Skew: -0.42

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	32	4.7%
3	Agree	327	48.2%
4	Strongly agree	288	42.4%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA17D
Type: Numeric
Variable label: 17.D. TO WHAT EXTENT AGREE: STUDENTS LEARN BEST BY FINDING SOLUTIONS TO PROBLEMS ON THEIR OWN.

Unique values: 6

Missing values: 0

Min: 1.00
 Mean: 3.27
 Max: 4.00
 Std. Dev.: 0.68
 Skew: -0.57

Value	Label	Freq.	Percent
1	Strongly disagree	6	0.9%
2	Disagree	65	9.6%
3	Agree	321	47.3%
4	Strongly agree	252	37.1%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA18A
Type: Numeric
Variable label: 18.A. PROVIDE FEEDBACK TO OTHER TEACHERS' ABOUT THEIR PRACTICE.
Unique values: 8
Missing values: 0
Min: 1.00
Mean: 3.12
Max: 6.00
Std. Dev.: 1.57
Skew: 0.23

Value	Label	Freq.	Percent
1	Never	133	19.6%
2	Once a year or less	101	14.9%
3	2-4 times a year	174	25.6%
4	5-10 times a year	81	11.9%
5	1-3 times a month	103	15.2%
All other values		34	5.0%

Percentiles:

10%	25%	50%	75%	90%
1	2	3	3	5

Name: TQA18B

Type: Numeric
 Variable label: 18.B. EXCHANGE OR DEVELOP TEACHING MATERIALS WITH COLLEAGUES.
 Unique values: 7
 Missing values: 0
 Min: 1.00
 Mean: 4.18
 Max: 6.00
 Std. Dev.: 1.53
 Skew: -0.51

Value	Label	Freq.	Percent
1	Never	45	6.6%
2	Once a year or less	55	8.1%
3	2-4 times a year	122	18.0%
4	5-10 times a year	96	14.1%
5	1-3 times a month	175	25.8%
All other values		31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	3	5	5	6

Name: TQA18C
 Type: Numeric
 Variable label: 18.C. DISCUSS THE LEARNING DEVELOPMENT OF SPECIFIC STUDENTS.
 Unique values: 8
 Missing values: 0
 Min: 1.00
 Mean: 4.42
 Max: 6.00
 Std. Dev.: 1.32
 Skew: -0.61

Value	Label	Freq.	Percent
1	Never	18	2.7%
2	Once a year or less	33	4.9%
3	2-4 times a year	120	17.7%
4	5-10 times a year	116	17.1%
5	1-3 times a month	206	30.3%
All other values		33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	5	5	6

Name: TQA18D
Type: Numeric
Variable label: 18.D. PARTICIPATE IN COLLABORATIVE PROFESSIONAL LEARNING.
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.73
Max: 6.00
Std. Dev.: 1.45
Skew: -0.17

Value	Label	Freq.	Percent
1	Never	54	8.0%
2	Once a year or less	71	10.5%
3	2-4 times a year	170	25.0%
4	5-10 times a year	125	18.4%
5	1-3 times a month	147	21.6%
All other values		36	5.3%

Percentiles:

10%	25%	50%	75%	90%
2	3	4	4	6

Name: TQA19A
Type: Numeric
Variable label: 19.A. CHOOSING LEARNING MATERIALS (E.G. TEXTBOOKS, SOFTWARE AND SUPPLEMENTAL MATERIALS)
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.36
Max: 4.00
Std. Dev.: 0.83
Skew: -1.23

Value	Label	Freq.	Percent
1	No control	29	4.3%
2	Minor control	63	9.3%
3	Moderate control	200	29.5%
4	A great deal of control	357	52.6%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
2	3	4	4	4

Name: TQA19B
Type: Numeric
Variable label: 19.B. DETERMINING COURSE CONTENT
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.94
Max: 4.00
Std. Dev.: 1.02
Skew: -0.50

Value	Label	Freq.	Percent
1	No control	69	10.2%
2	Minor control	146	21.5%
3	Moderate control	186	27.4%
4	A great deal of control	247	36.4%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	2	3	3	4

Name: TQA19C
Type: Numeric
Variable label: 19.C. SELECTING TEACHING METHODS
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.67
Max: 4.00
Std. Dev.: 0.58
Skew: -1.93

Value	Label	Freq.	Percent
1	No control	8	1.2%
2	Minor control	12	1.8%
3	Moderate control	167	24.6%
4	A great deal of control	461	67.9%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA19D
Type: Numeric
Variable label: 19.D. ASSESSING STUDENTS' LEARNING
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.60
Max: 4.00
Std. Dev.: 0.59
Skew: -1.35

Value	Label	Freq.	Percent
1	No control	4	0.6%
2	Minor control	22	3.2%
3	Moderate control	203	29.9%
4	A great deal of control	419	61.7%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQA19E
Type: Numeric
Variable label: 19.E. DISCIPLINING STUDENTS
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.51
Max: 4.00
Std. Dev.: 0.63
Skew: -1.08

Value	Label	Freq.	Percent
1	No control	5	0.7%
2	Minor control	31	4.6%
3	Moderate control	244	35.9%
4	A great deal of control	369	54.3%

9999 Missing 30 4.4%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: **TQA19F**
Type: Numeric
Variable label: 19.F. DETERMINING THE AMOUNT OF HOMEWORK TO BE ASSIGNED
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.56
Max: 4.00
Std. Dev.: 0.70
Skew: -1.67

Value	Label	Freq.	Percent
1	No control	15	2.2%
2	Minor control	33	4.9%
3	Moderate control	176	25.9%
4	A great deal of control	422	62.2%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: **TQA20**
Type: Numeric
Variable label: 20. HOW OFTEN HAS YOUR INSTRUCTION BEEN VIDEOTAPED DURING YOUR CAREER AS A TEACHER?
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.70
Max: 4.00
Std. Dev.: 0.82
Skew: 0.98

Value	Label	Freq.	Percent
1	Never	320	47.1%

2	1-3 times	224	33.0%
3	4-10 times	82	12.1%
4	More than 10 times	23	3.4%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA21A
Type: Numeric
Variable label: 21.A. MY CLASSROOM IS OBSERVED BY OTHERS
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 2.70
Max: 4.00
Std. Dev.: 0.89
Skew: -0.36

Value	Label	Freq.	Percent
1	Never	74	10.9%
2	Very rarely	159	23.4%
3	Occasionally	303	44.6%
4	Frequently	111	16.3%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	2	3	3	4

Name: TQA21B
Type: Numeric
Variable label: 21.B. MY CLASSROOM IS VIDEOTAPED
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 1.46
Max: 4.00
Std. Dev.: 0.73

Skew:	1.44		
Value	Label	Freq.	Percent
1	Never	424	62.4%
2	Very rarely	146	21.5%
3	Occasionally	62	9.1%
4	Frequently	9	1.3%
9998	Multiple responses	2	0.3%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	3

Name: TQA22A
Type: Numeric
Variable label: 22.A. SATISFACTION - AGREE: THE ADVANTAGES OF BEING A TEACHER CLEARLY OUTWEIGH THE DISADVANTAGES.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.18
Max: 4.00
Std. Dev.: 0.73
Skew: -0.57

Value	Label	Freq.	Percent
1	Strongly disagree	12	1.8%
2	Disagree	88	13.0%
3	Agree	318	46.8%
4	Strongly agree	226	33.3%
9999	Missing	35	5.2%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA22B
Type: Numeric
Variable label: 22.B. SATISFACTION - AGREE: IF I COULD DECIDE AGAIN, I WOULD STILL CHOOSE TO WORK AS A TEACHER.
Unique values: 5

Missing values: 0
 Min: 1.00
 Mean: 3.34
 Max: 4.00
 Std. Dev.: 0.76
 Skew: -0.95

Value	Label	Freq.	Percent
1	Strongly disagree	14	2.1%
2	Disagree	72	10.6%
3	Agree	242	35.6%
4	Strongly agree	321	47.3%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA22C
 Type: Numeric
 Variable label: 22.C. SATISFACTION - AGREE: I WOULD LIKE TO CHANGE TO ANOTHER SCHOOL IF THAT WERE POSSIBLE.
 Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 1.88
 Max: 4.00
 Std. Dev.: 0.86
 Skew: 0.75

Value	Label	Freq.	Percent
1	Strongly disagree	245	36.1%
2	Disagree	269	39.6%
3	Agree	97	14.3%
4	Strongly agree	36	5.3%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA22D

Type: Numeric
Variable label: 22.D. SATISFACTION - AGREE: I REGRET THAT I DECIDED TO BECOME A TEACHER.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.36
Max: 4.00
Std. Dev.: 0.58
Skew: 1.64

Value	Label	Freq.	Percent
1	Strongly disagree	441	64.9%
2	Disagree	187	27.5%
3	Agree	15	2.2%
4	Strongly agree	6	0.9%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQA22E
Type: Numeric
Variable label: 22.E. SATISFACTION - AGREE: I ENJOY WORKING AT THIS SCHOOL.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.43
Max: 4.00
Std. Dev.: 0.63
Skew: -0.81

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%
2	Disagree	33	4.9%
3	Agree	291	42.9%
4	Strongly agree	318	46.8%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA22F
Type: Numeric
Variable label: 22.F. SATISFACTION - AGREE: I WONDER WHETHER IT WOULD HAVE BEEN BETTER TO CHOOSE ANOTHER PROFESSION.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.85
Max: 4.00
Std. Dev.: 0.89
Skew: 0.67

Value	Label	Freq.	Percent
1	Strongly disagree	282	41.5%
2	Disagree	210	30.9%
3	Agree	128	18.9%
4	Strongly agree	28	4.1%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQA22G
Type: Numeric
Variable label: 22.G. SATISFACTION - AGREE: I WOULD RECOMMEND THIS SCHOOL AS A GOOD PLACE TO WORK.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.26
Max: 4.00
Std. Dev.: 0.73
Skew: -0.67

Value	Label	Freq.	Percent
1	Strongly disagree	10	1.5%
2	Disagree	81	11.9%
3	Agree	290	42.7%
4	Strongly agree	266	39.2%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQA22H
Type: Numeric
Variable label: 22.H. SATISFACTION - AGREE: I THINK THAT THE TEACHING PROFESSION IS VALUED IN SOCIETY.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.14
Max: 4.00
Std. Dev.: 0.81
Skew: 0.24

Value	Label	Freq.	Percent
1	Strongly disagree	145	21.4%
2	Disagree	297	43.7%
3	Agree	178	26.2%
4	Strongly agree	29	4.3%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
1	2	2	2	3

Name: TQA22I
Type: Numeric
Variable label: 22.I. SATISFACTION - AGREE: I AM SATISFIED WITH MY PERFORMANCE IN THIS SCHOOL.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.25
Max: 4.00
Std. Dev.: 0.64
Skew: -0.53

Value	Label	Freq.	Percent
1	Strongly disagree	7	1.0%
2	Disagree	51	7.5%
3	Agree	360	53.0%

4	Strongly agree	230	33.9%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQA22J
Type: Numeric
Variable label: 22.J. SATISFACTION - AGREE: ALL IN ALL, I AM SATISFIED WITH MY JOB.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.41
Max: 4.00
Std. Dev.: 0.58
Skew: -0.45

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	24	3.5%
3	Agree	330	48.6%
4	Strongly agree	292	43.0%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TA_SELFEFF
Type: Numeric
Variable label: Teacher Self Efficacy (Pre)
Unique values: 34
Missing values: 30
Min: 1.83
Mean: 3.21
Max: 4.00
Std. Dev.: 0.48
Skew: -0.29

Value	Label	Freq.	Percent
1.833333		1	0.1%

1.916667		2	0.3%
2		2	0.3%
2.083333		4	0.6%
2.166667		2	0.3%
All other values		667	98.2%

Percentiles:

10%	25%	50%	75%	90%
2.5	2.916667	3.25	3.25	3.833333

Name: TA_NMISS
Type: Numeric
Variable label: Number of missing pre-questionnaire responses
Unique values: 19
Missing values: 23
Min: 0.00
Mean: 2.22
Max: 146.00
Std. Dev.: 13.32
Skew: 9.90

Value	Label	Freq.	Percent
0		490	72.2%
1		78	11.5%
2		15	2.2%
3		13	1.9%
4		12	1.8%
All other values		67	9.9%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	3

Name: TA_LOADTEACH
Type: Numeric
Variable label: Workload teaching the target class (Pre)
Unique values: 65
Missing values: 42
Min: 4.00
Mean: 244.85
Max: 2700.00

Std. Dev.: 215.21

Skew: 6.09

Value	Label	Freq.	Percent
4		1	0.1%
5		1	0.1%
8		1	0.1%
30		4	0.6%
40		10	1.5%
All other values		656	96.6%

Percentiles:

10%	25%	50%	75%	90%
125	180	200	200	320

Name: TA_LOADPREP

Type: Numeric

Variable label: Workload preparing for the target class (Pre)

Unique values: 58

Missing values: 44

Min: 2.00

Mean: 168.00

Max: 2000.00

Std. Dev.: 174.64

Skew: 3.69

Value	Label	Freq.	Percent
2		1	0.1%
3		1	0.1%
5		1	0.1%
6		1	0.1%
10		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
45	60	120	120	350

Name: TA_LOADOTHER

Type: Numeric

Variable label: Other Workload for the target class (Pre)

Unique values: 44

Missing values: 71
 Min: 0.00
 Mean: 52.80
 Max: 1800.00
 Std. Dev.: 149.82
 Skew: 6.68

Value	Label	Freq.	Percent
0		362	53.3%
2		2	0.3%
5		4	0.6%
10		11	1.6%
15		9	1.3%
All other values		277	40.8%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	150

Name: TA_LESSDUR
 Type: Numeric
 Variable label: Lesson duration (Pre)
 Unique values: 34
 Missing values: 44
 Min: 30.00
 Mean: 70.35
 Max: 4045.00
 Std. Dev.: 163.56
 Skew: 22.77

Value	Label	Freq.	Percent
30		3	0.4%
40		96	14.1%
42		1	0.1%
43		1	0.1%
45		55	8.1%
All other values		522	76.9%

Percentiles:

10%	25%	50%	75%	90%
40	50	50	50	90

Name:	TA_OTL				
Type:	Numeric				
Variable label:	Teacher Opportunity To Learn (Pre)				
Unique values:	7				
Missing values:	28				
Min:	0.00				
Mean:	2.00				
Max:	5.00				
Std. Dev.:	1.66				
Skew:	0.40				
Value	Label	Freq.	Percent		
0		158	23.3%		
1		137	20.2%		
2		123	18.1%		
3		84	12.4%		
4		81	11.9%		
All other values		28	4.1%		
Percentiles:					
	10%	25%	50%	75%	90%
	0	1	2	2	5

Name:	TA_CLARITY				
Type:	Numeric				
Variable label:	Teacher Clarity of Own Instruction (Pre)				
Unique values:	13				
Missing values:	27				
Min:	1.75				
Mean:	3.25				
Max:	4.00				
Std. Dev.:	0.48				
Skew:	-0.42				
Value	Label	Freq.	Percent		
1.75		2	0.3%		
2		9	1.3%		
2.25		19	2.8%		
2.333333		1	0.1%		
2.5		36	5.3%		
All other values		539	79.4%		
Percentiles:					
	10%	25%	50%	75%	90%
	2.5	3	3.25	3.25	3.75

Name:	TA_COGACT			
Type:	Numeric			
Variable label:	Teacher Cognitive Activation (Pre)			
Unique values:	15			
Missing values:	27			
Min:	1.25			
Mean:	2.60			
Max:	4.00			
Std. Dev.:	0.54			
Skew:	0.21			

Value	Label	Freq.	Percent	
1.25		5	0.7%	
1.5		8	1.2%	
1.666667		2	0.3%	
1.75		42	6.2%	
2		63	9.3%	
All other values		454	66.9%	

Percentiles:					
	10%	25%	50%	75%	90%
	2	2.25	2.5	2.5	3.25

Name:	TA_DISCOURSE			
Type:	Numeric			
Variable label:	Teacher Discourse (Pre)			
Unique values:	11			
Missing values:	27			
Min:	1.33			
Mean:	3.01			
Max:	4.00			
Std. Dev.:	0.62			
Skew:	-0.23			

Value	Label	Freq.	Percent	
1.333333		6	0.9%	
1.666667		17	2.5%	
2		34	5.0%	
2.333333		77	11.3%	
2.666667		115	16.9%	
All other values		288	42.4%	

Percentiles:

10%	25%	50%	75%	90%
2.333333	2.666667	3	3	4

Name: TA_MEANING
Type: Numeric
Variable label: Teacher Focus on Meaning (Pre)
Unique values: 13
Missing values: 28
Min: 1.25
Mean: 3.09
Max: 4.00
Std. Dev.: 0.56
Skew: -0.35

Value	Label	Freq.	Percent
1.25		1	0.1%
1.5		4	0.6%
1.75		7	1.0%
2		28	4.1%
2.25		32	4.7%
All other values		552	81.3%

Percentiles:

10%	25%	50%	75%	90%
2.25	2.75	3	3	3.75

Name: TA_ADAPT
Type: Numeric
Variable label: Teacher Adaption of Instruction (Pre)
Unique values: 13
Missing values: 27
Min: 2.20
Mean: 3.39
Max: 4.00
Std. Dev.: 0.39
Skew: -0.33

Value	Label	Freq.	Percent
2.2		2	0.3%
2.4		5	0.7%
2.6		14	2.1%
2.8		60	8.8%

3	87	12.8%
All other values	421	62.0%

Percentiles:

10%	25%	50%	75%	90%
2.8	3	3.4	3.4	3.8

Name: TA_CLASSMAN
Type: Numeric
Variable label: Teacher Classroom Management (Pre)
Unique values: 28
Missing values: 28
Min: 1.90
Mean: 3.22
Max: 4.00
Std. Dev.: 0.39
Skew: -0.32

Value	Label	Freq.	Percent
1.9		2	0.3%
2		2	0.3%
2.1		3	0.4%
2.2		4	0.6%
2.3		5	0.7%
All other values		659	97.1%

Percentiles:

10%	25%	50%	75%	90%
2.8	3	3.2	3.2	3.7

Name: TA_CM_DISRUPT
Type: Numeric
Variable label: Teacher Classroom Disruptions (Pre)
Unique values: 12
Missing values: 28
Min: 1.00
Mean: 3.15
Max: 4.00
Std. Dev.: 0.68
Skew: -0.60

Value	Label	Freq.	Percent
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1	6	0.9%
1.333333	7	1.0%
1.666667	9	1.3%
2	41	6.0%
2.333333	41	6.0%
All other values	574	84.5%

Percentiles:				
10%	25%	50%	75%	90%
2.333333	2.666667	3	3	4

Name:	TA_CM_TEACHMAN		
Type:	Numeric		
Variable label:	Teacher Classroom Management - Teacher Management (Pre)		
Unique values:	14		
Missing values:	28		
Min:	1.00		
Mean:	3.25		
Max:	4.00		
Std. Dev.:	0.47		
Skew:	-0.39		
Value	Label	Freq.	Percent
1		1	0.1%
1.75		1	0.1%
2		11	1.6%
2.25		12	1.8%
2.5		28	4.1%
All other values		625	92.0%

Percentiles:				
10%	25%	50%	75%	90%
2.75	3	3.25	3.25	4

Name:	TA_TESUP		
Type:	Numeric		
Variable label:	Teacher Support (Pre)		
Unique values:	9		
Missing values:	27		
Min:	2.00		
Mean:	3.36		

Max: 4.00
Std. Dev.: 0.46
Skew: -0.13

Value	Label	Freq.	Percent
2		3	0.4%
2.333333		16	2.4%
2.5		1	0.1%
2.666667		42	6.2%
3		203	29.9%
All other values		285	42.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3.333333	3.333333	4

Name: TA_SUPCOM
Type: Numeric
Variable label: Teacher Perceived Support for Competence (Pre)
Unique values: 11
Missing values: 28
Min: 1.75
Mean: 3.43
Max: 4.00
Std. Dev.: 0.51
Skew: -0.61

Value	Label	Freq.	Percent
1.75		1	0.1%
2		5	0.7%
2.25		17	2.5%
2.5		27	4.0%
2.75		27	4.0%
All other values		476	70.1%

Percentiles:

10%	25%	50%	75%	90%
2.75	3	3.5	3.5	4

Name: TA_SUPAUT
Type: Numeric
Variable label: Teacher Perceived Support for Autonomy (Pre)

Unique values: 12
 Missing values: 27
 Min: 2.00
 Mean: 3.30
 Max: 4.00
 Std. Dev.: 0.43
 Skew: -0.05

Value	Label	Freq.	Percent
2		2	0.3%
2.25		5	0.7%
2.5		26	3.8%
2.75		71	10.5%
3		137	20.2%
All other values		301	44.3%

Percentiles:

10%	25%	50%	75%	90%
2.75	3	3.25	3.25	4

Name: TA_REL_STUDTEACH
 Type: Numeric
 Variable label: Teacher-Student Relationship (Pre)
 Unique values: 13
 Missing values: 28
 Min: 1.80
 Mean: 3.54
 Max: 4.00
 Std. Dev.: 0.45
 Skew: -0.59

Value	Label	Freq.	Percent
1.8		1	0.1%
2.2		3	0.4%
2.4		3	0.4%
2.6		11	1.6%
2.8		27	4.0%
All other values		523	77.0%

Percentiles:

10%	25%	50%	75%	90%
3	3.2	3.6	3.6	4

Name: TA_TEACHER_ENTHUSIASM
Type: Numeric
Variable label: Teacher Enthusiasm (Pre)
Unique values: 17
Missing values: 27
Min: 2.12
Mean: 3.57
Max: 4.00
Std. Dev.: 0.42
Skew: -0.78

Value	Label	Freq.	Percent
2.125		1	0.1%
2.25		2	0.3%
2.375		1	0.1%
2.5		6	0.9%
2.625		9	1.3%
All other values		651	95.9%

Percentiles:

10%	25%	50%	75%	90%
3	3.25	3.625	3.625	4

Name: TA_ENTHUSTEACH
Type: Numeric
Variable label: Teacher Enthusiasm for Teaching (Pre)
Unique values: 9
Missing values: 27
Min: 2.25
Mean: 3.55
Max: 4.00
Std. Dev.: 0.45
Skew: -0.56

Value	Label	Freq.	Percent
2.25		6	0.9%
2.5		5	0.7%
2.75		21	3.1%
3		131	19.3%
3.25		70	10.3%
All other values		368	54.2%

Percentiles:

10%	25%	50%	75%	90%
3	3.125	3.75	3.75	4

Name:	TA_ENTHUSMATH		
Type:	Numeric		
Variable label:	Teacher Enthusiasm for Subject of Math (Pre)		
Unique values:	11		
Missing values:	27		
Min:	1.75		
Mean:	3.60		
Max:	4.00		
Std. Dev.:	0.50		
Skew:	-1.02		

Value	Label	Freq.	Percent
1.75		1	0.1%
2		5	0.7%
2.25		8	1.2%
2.5		13	1.9%
2.75		28	4.1%
All other values		522	76.9%

Percentiles:				
10%	25%	50%	75%	90%
3	3.25	3.75	3.75	4

Name:	TA_SELFEFF_CLASSMAN		
Type:	Numeric		
Variable label:	Teacher Self-Efficacy in Classroom Management (Pre)		
Unique values:	15		
Missing values:	29		
Min:	1.75		
Mean:	3.41		
Max:	4.00		
Std. Dev.:	0.51		
Skew:	-0.53		

Value	Label	Freq.	Percent
1.75		1	0.1%
2		8	1.2%
2.25		13	1.9%
2.333333		1	0.1%
2.5		18	2.7%
All other values		637	93.8%

Percentiles:

10%	25%	50%	75%	90%
2.75	3	3.5	3.5	4

Name: TA_SELFEFF_INST
Type: Numeric
Variable label: Teacher Self-Efficacy in Instruction (Pre)
Unique values: 12
Missing values: 29
Min: 1.75
Mean: 3.19
Max: 4.00
Std. Dev.: 0.54
Skew: -0.25

Value	Label	Freq.	Percent
1.75		5	0.7%
2		15	2.2%
2.25		23	3.4%
2.5		55	8.1%
2.666667		1	0.1%
All other values		496	73.0%

Percentiles:

10%	25%	50%	75%	90%
2.5	2.75	3.25	3.25	4

Name: TA_SELFEFF_ENG
Type: Numeric
Variable label: Teacher Self-Efficacy in Stud. Engagement (Pre)
Unique values: 13
Missing values: 29
Min: 1.50
Mean: 3.02
Max: 4.00
Std. Dev.: 0.61
Skew: -0.18

Value	Label	Freq.	Percent
1.5		2	0.3%
1.75		18	2.7%
2		45	6.6%
2.25		40	5.9%

2.5	58	8.5%
All other values	425	62.6%

Percentiles:

10%	25%	50%	75%	90%
2.125	2.5	3	3	4

Name: TA_ENJOY
Type: Numeric
Variable label: Teacher Enjoyment (Pre)
Unique values: 10
Missing values: 29
Min: 2.00
Mean: 3.42
Max: 4.00
Std. Dev.: 0.50
Skew: -0.36

Value	Label	Freq.	Percent
2		3	0.4%
2.25		6	0.9%
2.5		35	5.2%
2.75		38	5.6%
3		139	20.5%
All other values		375	55.2%

Percentiles:

10%	25%	50%	75%	90%
2.75	3	3.5	3.5	4

Name: TA_ANGER
Type: Numeric
Variable label: Teacher Anger (Pre)
Unique values: 12
Missing values: 28
Min: 1.00
Mean: 1.64
Max: 3.25
Std. Dev.: 0.51
Skew: 0.64

Value	Label	Freq.	Percent
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1	119	17.5%
1.25	121	17.8%
1.333333	1	0.1%
1.5	107	15.8%
1.75	93	13.7%
All other values	140	20.6%

Percentiles:

10%	25%	50%	75%	90%
1	1.25	1.5	1.5	2.25

Name:	TA_ANXIETY		
Type:	Numeric		
Variable label:	Teacher Anxiety (Pre)		
Unique values:	12		
Missing values:	28		
Min:	1.00		
Mean:	1.61		
Max:	3.75		
Std. Dev.:	0.50		
Skew:	0.68		
Value	Label	Freq.	Percent
1		129	19.0%
1.25		126	18.6%
1.5		109	16.1%
1.75		79	11.6%
2		106	15.6%
All other values		72	10.6%

Percentiles:

10%	25%	50%	75%	90%
1	1.25	1.5	1.5	2.25

Name:	TA_IMPOT		
Type:	Numeric		
Variable label:	Importance of Unit Goals: Motivation (Pre)		
Unique values:	6		
Missing values:	54		
Min:	0.00		
Mean:	1.52		

Max: 4.00
Std. Dev.: 1.16
Skew: 0.58

Value	Label	Freq.	Percent
0		118	17.4%
1		230	33.9%
2		160	23.6%
3		65	9.6%
4		52	7.7%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
0	1	1	1	3

Name: TA_IMPVAL
Type: Numeric
Variable label: Importance of Unit Goals: Values (Pre)
Unique values: 6
Missing values: 55
Min: 0.00
Mean: 1.71
Max: 4.00
Std. Dev.: 1.39
Skew: 0.34

Value	Label	Freq.	Percent
0		151	22.2%
1		170	25.0%
2		110	16.2%
3		97	14.3%
4		96	14.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
0	1	1	1	4

Name: TA_IMPAPP
Type: Numeric
Variable label: Importance of Unit Goals: Application (Pre)

Unique values: 6
 Missing values: 56
 Min: 0.00
 Mean: 1.91
 Max: 4.00
 Std. Dev.: 1.18
 Skew: -0.04

Value	Label	Freq.	Percent
0		92	13.5%
1		128	18.9%
2		201	29.6%
3		145	21.4%
4		57	8.4%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
0	1	2	2	3

Name: TA_IMPTR
 Type: Numeric
 Variable label: Importance of Unit Goals: Thinking (Pre)
 Unique values: 6
 Missing values: 55
 Min: 0.00
 Mean: 2.65
 Max: 4.00
 Std. Dev.: 1.13
 Skew: -0.54

Value	Label	Freq.	Percent
0		28	4.1%
1		77	11.3%
2		148	21.8%
3		206	30.3%
4		165	24.3%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	2	3	3	4

Name: TA_IMPKS
Type: Numeric
Variable label: Importance of Unit Goals: Knowledge (Pre)
Unique values: 6
Missing values: 56
Min: 0.00
Mean: 2.17
Max: 4.00
Std. Dev.: 1.26
Skew: -0.16

Value	Label	Freq.	Percent
0		74	10.9%
1		119	17.5%
2		166	24.4%
3		158	23.3%
4		106	15.6%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
0	1	2	2	4

Name: TA_LIMITATIONS
Type: Numeric
Variable label: Teacher Perceived Stud. Background Hinders Instruction (Pre)
Unique values: 26
Missing values: 29
Min: 1.00
Mean: 1.82
Max: 4.00
Std. Dev.: 0.54
Skew: 1.03

Value	Label	Freq.	Percent
1		15	2.2%
1.142857		32	4.7%
1.166667		1	0.1%
1.285714		61	9.0%
1.428571		93	13.7%
All other values		476	70.1%

Percentiles:

10%	25%	50%	75%	90%
1.285714	1.428571	1.714286	1.714286	2.571429

Name:	TA_RESPONSIBILITY			
Type:	Numeric			
Variable label:	Teacher responsibility (Pre)			
Unique values:	48			
Missing values:	29			
Min:	1.00			
Mean:	3.97			
Max:	6.00			
Std. Dev.:	0.92			
Skew:	-0.33			

Value	Label	Freq.	Percent	
1		2	0.3%	
1.333333		2	0.3%	
1.444444		1	0.1%	
1.666667		2	0.3%	
1.777778		2	0.3%	
All other values		664	97.8%	

Percentiles:				
10%	25%	50%	75%	90%
2.777778	3.444444	4	4	5.111111

Name:	TA_RESPMOT			
Type:	Numeric			
Variable label:	Teacher responsibility for student motivation (Pre)			
Unique values:	17			
Missing values:	29			
Min:	1.00			
Mean:	3.45			
Max:	6.00			
Std. Dev.:	1.21			
Skew:	0.07			

Value	Label	Freq.	Percent	
1		17	2.5%	
1.333333		13	1.9%	
1.666667		26	3.8%	
2		55	8.1%	
2.333333		41	6.0%	
All other values		474	69.8%	

Percentiles:

10%	25%	50%	75%	90%
2	2.666667	3.333333	3.333333	5

Name: TA_RESPACHIEV
Type: Numeric
Variable label: Teacher responsibility for student achievement (Pre)
Unique values: 18
Missing values: 30
Min: 1.00
Mean: 3.81
Max: 6.00
Std. Dev.: 1.08
Skew: -0.20

Value	Label	Freq.	Percent
1		9	1.3%
1.333333		4	0.6%
1.666667		4	0.6%
2		43	6.3%
2.333333		18	2.7%
All other values		600	88.4%

Percentiles:

10%	25%	50%	75%	90%
2.333333	3	4	4	5

Name: TA_RESPTEACH
Type: Numeric
Variable label: Teacher responsibility for teaching (Pre)
Unique values: 18
Missing values: 30
Min: 1.00
Mean: 4.64
Max: 6.00
Std. Dev.: 1.16
Skew: -0.97

Value	Label	Freq.	Percent
1		5	0.7%
1.333333		5	0.7%
1.666667		6	0.9%
2		21	3.1%

2.333333	9	1.3%
All other values	624	91.9%

Percentiles:

10%	25%	50%	75%	90%
3	4	5	5	6

Name: TA_GENSELFEFF
Type: Numeric
Variable label: Teacher General Self-Efficacy (Pre)
Unique values: 17
Missing values: 30
Min: 1.67
Mean: 3.26
Max: 4.00
Std. Dev.: 0.47
Skew: -0.33

Value	Label	Freq.	Percent
1.666667		1	0.1%
2		7	1.0%
2.166667		7	1.0%
2.2		1	0.1%
2.333333		8	1.2%
All other values		630	92.8%

Percentiles:

10%	25%	50%	75%	90%
2.666667	3	3.333333	3.333333	4

Name: TA_GENSELFEFF_CLASSMAN
Type: Numeric
Variable label: Teacher General Self-Efficacy in Classroom Management (Pre)
Unique values: 7
Missing values: 30
Min: 1.00
Mean: 3.38
Max: 4.00
Std. Dev.: 0.59
Skew: -0.53

Value	Label	Freq.	Percent
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1	2	0.3%
2	26	3.8%
2.5	35	5.2%
3	258	38.0%
3.5	72	10.6%
All other values	30	4.4%

Percentiles:				
10%	25%	50%	75%	90%
3	3	3.5	3.5	4

Name:	TA_GENSELFEFF_INST		
Type:	Numeric		
Variable label:	Teacher General Self-Efficacy in Instruction (Pre)		
Unique values:	7		
Missing values:	30		
Min:	1.50		
Mean:	3.35		
Max:	4.00		
Std. Dev.:	0.51		
Skew:	-0.43		
Value	Label	Freq.	Percent
1.5		1	0.1%
2		15	2.2%
2.5		52	7.7%
3		209	30.8%
3.5		200	29.5%
All other values		30	4.4%

Percentiles:				
10%	25%	50%	75%	90%
2.5	3	3.5	3.5	4

Name:	TA_GENSELFEFF_ENG		
Type:	Numeric		
Variable label:	Teacher General Self-Efficacy in Stud. Engagement (Pre)		
Unique values:	8		
Missing values:	30		
Min:	1.00		
Mean:	3.06		

Max: 4.00
Std. Dev.: 0.66
Skew: -0.16

Value	Label	Freq.	Percent
1		2	0.3%
1.5		2	0.3%
2		92	13.5%
2.5		85	12.5%
3		240	35.3%
All other values		167	24.6%

Percentiles:

10%	25%	50%	75%	90%
2	2.5	3	3	4

Name: TA_CONBELIEFS
Type: Numeric
Variable label: Teacher constructivist beliefs (Pre)
Unique values: 15
Missing values: 31
Min: 1.00
Mean: 3.25
Max: 4.00
Std. Dev.: 0.47
Skew: -0.34

Value	Label	Freq.	Percent
1		1	0.1%
1.5		1	0.1%
2		7	1.0%
2.25		9	1.3%
2.5		32	4.7%
All other values		627	92.3%

Percentiles:

10%	25%	50%	75%	90%
2.75	3	3.25	3.25	4

Name: TA_COLLAB
Type: Numeric
Variable label: Teacher Collaboration (Pre)

Unique values: 25
 Missing values: 31
 Min: 1.00
 Mean: 3.87
 Max: 6.00
 Std. Dev.: 1.11
 Skew: -0.22

Value	Label	Freq.	Percent
1		5	0.7%
1.25		3	0.4%
1.5		11	1.6%
1.75		10	1.5%
2		16	2.4%
All other values		616	90.7%

Percentiles:

10%	25%	50%	75%	90%
2.5	3	4	4	5.25

Name: TA_AUTONOMY
 Type: Numeric
 Variable label: Teacher Classroom Autonomy (Pre)
 Unique values: 17
 Missing values: 30
 Min: 1.83
 Mean: 3.44
 Max: 4.00
 Std. Dev.: 0.45
 Skew: -0.66

Value	Label	Freq.	Percent
1.833333		2	0.3%
2		3	0.4%
2.166667		4	0.6%
2.333333		6	0.9%
2.5		10	1.5%
All other values		634	93.4%

Percentiles:

10%	25%	50%	75%	90%
2.833333	3.166667	3.5	3.5	4

Name: TA_FREQUVID
Type: Numeric
Variable label: Teacher Frequency of Being Videotaped (Pre)
Unique values: 5
Missing values: 30
Min: 1.00
Mean: 1.70
Max: 4.00
Std. Dev.: 0.82
Skew: 0.98

Value	Label	Freq.	Percent
1		320	47.1%
2		224	33.0%
3		82	12.1%
4		23	3.4%
.		30	4.4%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TA_FREQOBS_YEAR
Type: Numeric
Variable label: Teacher Frequency of Being Videotaped in School Year (Pre)
Unique values: 5
Missing values: 32
Min: 1.00
Mean: 2.70
Max: 4.00
Std. Dev.: 0.89
Skew: -0.36

Value	Label	Freq.	Percent
1		74	10.9%
2		159	23.4%
3		303	44.6%
4		111	16.3%
.		32	4.7%

Percentiles:

10%	25%	50%	75%	90%
1	2	3	3	4

Name: TA_FREQVID_YEAR
Type: Numeric
Variable label: Teacher Frequency of Being Observed in School Year (Pre)
Unique values: 5
Missing values: 38
Min: 1.00
Mean: 1.46
Max: 4.00
Std. Dev.: 0.73
Skew: 1.44

Value	Label	Freq.	Percent
1		424	62.4%
2		146	21.5%
3		62	9.1%
4		9	1.3%
.		38	5.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	3

Name: TA_JOB_SATISFACTION
Type: Numeric
Variable label: Teacher Job Satisfaction (Pre)
Unique values: 31
Missing values: 30
Min: 1.70
Mean: 3.19
Max: 4.00
Std. Dev.: 0.44
Skew: -0.41

Value	Label	Freq.	Percent
1.7		1	0.1%
1.8		1	0.1%
2		1	0.1%
2.1		5	0.7%
2.2		12	1.8%
All other values		652	96.0%

Percentiles:

10%	25%	50%	75%	90%

2.6

2.9

3.2

3.2

3.8

Name: TA_SATSCHOOL

Type: Numeric

Variable label: Job satisfaction at specific school (Pre)

Unique values: 14

Missing values: 31

Min: 1.00

Mean: 3.26

Max: 4.00

Std. Dev.: 0.56

Skew: -0.56

Value	Label	Freq.	Percent
1		1	0.1%
1.25		1	0.1%
1.5		2	0.3%
1.75		4	0.6%
2		9	1.3%
All other values		636	93.7%

Percentiles:

10%	25%	50%	75%	90%
2.5	3	3.25	3.25	4

Name: TA_SATPROF

Type: Numeric

Variable label: Job satisfaction regarding the profession (Pre)

Unique values: 23

Missing values: 30

Min: 1.17

Mean: 3.14

Max: 4.00

Std. Dev.: 0.48

Skew: -0.60

Value	Label	Freq.	Percent
1.166667		1	0.1%
1.5		1	0.1%
1.666667		3	0.4%
1.833333		6	0.9%
2		6	0.9%
All other values		656	96.6%

Percentiles:

10%	25%	50%	75%	90%
2.5	2.833333	3.166667	3.166667	3.666667

Name: TA_EXPL_PROC
Type: Numeric
Variable label: Teacher Explains Procedures (Pre)
Unique values: 11
Missing values: 29
Min: 1.00
Mean: 3.07
Max: 4.00
Std. Dev.: 0.60
Skew: -0.45

Value	Label	Freq.	Percent
1		3	0.4%
1.333333		2	0.3%
1.666667		11	1.6%
2		45	6.6%
2.333333		39	5.7%
All other values		481	70.8%

Percentiles:

10%	25%	50%	75%	90%
2.333333	2.666667	3	3	4

Name: TQB01
Type: Numeric
Variable label: 1. ARE YOU FEMALE OR MALE?
Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.45
Max: 2.00
Std. Dev.: 0.50
Skew: 0.18

Value	Label	Freq.	Percent
1	Female	353	52.0%
2	Male	294	43.3%

9999 Missing 32 4.7%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: **TQB02**
Type: Numeric
Variable label: 2. HOW OLD ARE YOU?
Unique values: 49
Missing values: 0
Min: 20.00
Mean: 40.53
Max: 74.00
Std. Dev.: 10.41
Skew: 0.39

Value	Label	Freq.	Percent
20		1	0.1%
22		1	0.1%
23		4	0.6%
24		8	1.2%
25		13	1.9%
All other values		634	93.4%

Percentiles:

10%	25%	50%	75%	90%
28	32	40	40	55

Name: **TQB03**
Type: Numeric
Variable label: 3. WHAT IS THE HIGHEST LEVEL OF FORMAL EDUCATION YOU HAVE COMPLETED?
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.43
Max: 5.00
Std. Dev.: 0.58
Skew: 0.65

Value	Label	Freq.	Percent
-------	-------	-------	---------

1	1	0.1%
2	2	0.3%
3	381	56.1%
4	237	34.9%
5	23	3.4%
All other values	32	4.7%

Percentiles:				
10%	25%	50%	75%	90%
3	3	3	3	4

Name:	TQB04
Type:	Numeric
Variable label:	4. HOW DID YOU RECEIVE YOUR TEACHING QUALIFICATIONS?
Unique values:	7
Missing values:	0
Min:	1.00
Mean:	1.51
Max:	5.00
Std. Dev.:	1.21
Skew:	2.22

Value	Label	Freq.	Percent
1	I attended a standard teacher education or training program at an approved ITT provider.	531	78.2%
2	I attended an in-service teacher education or training program.	22	3.2%
3	I attended a work-based teacher education or training program.	23	3.4%
4	I attended training in another pedagogical profession.	16	2.4%
5	Other	53	7.8%
All other values		32	4.7%

Percentiles:				
10%	25%	50%	75%	90%
1	1	1	1	4

Name: TQB05A
Type: Numeric
Variable label: 5.A. INCLUDED IN YOUR MATHEMATICS EDUCATION: MATHEMATICS COURSES EQUIVALENT TO THOSE NEEDED FOR A DEGREE IN MATHEMATICS.
Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.16
Max: 2.00
Std. Dev.: 0.37
Skew: 1.82

Value	Label	Freq.	Percent
1	Yes	521	76.7%
2	No	102	15.0%
9999	Missing	56	8.2%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB05B
Type: Numeric
Variable label: 5.B. INCLUDED IN YOUR MATHEMATICS EDUCATION: COURSES ON HOW TO TEACH MATHEMATICS.
Unique values: 4
Missing values: 0
Min: 1.00
Mean: 1.18
Max: 2.00
Std. Dev.: 0.38
Skew: 1.71

Value	Label	Freq.	Percent
1	Yes	494	72.8%
2	No	105	15.5%
9998	Multiple responses	1	0.1%
9999	Missing	79	11.6%

Percentiles:

10%	25%	50%	75%	90%

1

1

1

1

2

Name: TQB05C
Type: Numeric
Variable label: 5.C. INCLUDED IN YOUR MATHEMATICS EDUCATION: PRACTICE TEACHING IN MATHEMATICS.
Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.13
Max: 2.00
Std. Dev.: 0.34
Skew: 2.17

Value	Label	Freq.	Percent
1	Yes	526	77.5%
2	No	80	11.8%
9999	Missing	73	10.8%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB06A
Type: Numeric
Variable label: 6. HOW MANY YEARS OF WORK EXPERIENCE DO YOU HAVE AS A MATHEMATICS TEACHER REGARDLESS OF WHETHER YOU WORKED FULL-TIME OR PART-TIME?
Unique values: 45
Missing values: 0
Min: 0.00
Mean: 14.21
Max: 49.00
Std. Dev.: 9.76
Skew: 0.77

Value	Label	Freq.	Percent
0		6	0.9%
1		15	2.2%
2		23	3.4%
3		37	5.4%
4		29	4.3%
All other values		542	79.8%

Percentiles:

10%	25%	50%	75%	90%
3	6	12	12	28

Name: TQB07A
Type: Numeric
Variable label: 7.A. HOW LONG SPENT PLANNING FOR: VIDEOTAPED LESSON 1: _____
MINUTES
Unique values: 41
Missing values: 0
Min: 0.00
Mean: 89.78
Max: 840.00
Std. Dev.: 81.28
Skew: 3.04

Value	Label	Freq.	Percent
0		1	0.1%
2		1	0.1%
3		2	0.3%
5		2	0.3%
10		11	1.6%
All other values		650	95.7%

Percentiles:

10%	25%	50%	75%	90%
30	40	60	60	180

Name: TQB07B
Type: Numeric
Variable label: 7.B. HOW LONG SPENT PLANNING FOR: VIDEOTAPED LESSON 2: _____
MINUTES
Unique values: 44
Missing values: 0
Min: 0.00
Mean: 84.30
Max: 600.00
Std. Dev.: 76.29
Skew: 2.70

Value	Label	Freq.	Percent
-------	-------	-------	---------

0	1	0.1%
2	2	0.3%
3	1	0.1%
5	5	0.7%
10	12	1.8%
All other values	657	96.8%

Percentiles:				
10%	25%	50%	75%	90%
20	35	60	60	180

Name:	TQB08A		
Type:	Numeric		
Variable label:	8.A. HOW OFTEN: I PRESENTED A SUMMARY OF RECENTLY LEARNED CONTENT.		
Unique values:	5		
Missing values:	0		
Min:	1.00		
Mean:	3.06		
Max:	4.00		
Std. Dev.:	0.75		
Skew:	-0.38		
Value	Label	Freq.	Percent
1	Never or almost never	13	1.9%
2	Occasionally	125	18.4%
3	Frequently	322	47.4%
4	Always	187	27.5%
9999	Missing	32	4.7%

Percentiles:				
10%	25%	50%	75%	90%
2	3	3	3	4

Name:	TQB08B		
Type:	Numeric		
Variable label:	8.B. HOW OFTEN: I SET GOALS AT THE BEGINNING OF INSTRUCTION.		
Unique values:	6		
Missing values:	0		
Min:	1.00		
Mean:	3.39		

Max: 4.00
Std. Dev.: 0.76
Skew: -0.96

Value	Label	Freq.	Percent
1	Never or almost never	8	1.2%
2	Occasionally	87	12.8%
3	Frequently	196	28.9%
4	Always	357	52.6%
9997	Illegible response	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	4	4	4

Name: TQB08C
Type: Numeric
Variable label: 8.C. HOW OFTEN: I EXPLAINED WHAT I EXPECTED THESE STUDENTS TO LEARN.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.34
Max: 4.00
Std. Dev.: 0.72
Skew: -0.86

Value	Label	Freq.	Percent
1	Never or almost never	10	1.5%
2	Occasionally	63	9.3%
3	Frequently	270	39.8%
4	Always	304	44.8%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB08D
Type: Numeric
Variable label: 8.D. HOW OFTEN: I EXPLAINED HOW NEW AND OLD TOPICS ARE RELATED.
Unique values: 5

Missing values: 0
 Min: 1.00
 Mean: 3.25
 Max: 4.00
 Std. Dev.: 0.68
 Skew: -0.54

Value	Label	Freq.	Percent
1	Never or almost never	6	0.9%
2	Occasionally	71	10.5%
3	Frequently	323	47.6%
4	Always	248	36.5%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB08E
 Type: Numeric
 Variable label: 8.E. HOW OFTEN: I PRESENTED TASKS FOR WHICH THERE IS NO OBVIOUS SOLUTION.

Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 2.33
 Max: 4.00
 Std. Dev.: 0.86
 Skew: 0.14

Value	Label	Freq.	Percent
1	Never or almost never	112	16.5%
2	Occasionally	269	39.6%
3	Frequently	211	31.1%
4	Always	56	8.2%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	2	2	2	3

Name: TQB08F

Type: Numeric
Variable label: 8.F. HOW OFTEN: I PRESENTED TASKS THAT REQUIRED THESE STUDENTS TO APPLY WHAT THEY HAD LEARNED TO NEW CONTEXTS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.85
Max: 4.00
Std. Dev.: 0.74
Skew: -0.18

Value	Label	Freq.	Percent
1	Never or almost never	19	2.8%
2	Occasionally	177	26.1%
3	Frequently	333	49.0%
4	Always	117	17.2%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB08G
Type: Numeric
Variable label: 8.G. HOW OFTEN: I GAVE TASKS THAT REQUIRED THESE STUDENTS TO THINK CRITICALLY.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.55
Max: 4.00
Std. Dev.: 0.82
Skew: -0.01

Value	Label	Freq.	Percent
1	Never or almost never	60	8.8%
2	Occasionally	250	36.8%
3	Frequently	261	38.4%
4	Always	77	11.3%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB08H
Type: Numeric
Variable label: 8.H. HOW OFTEN: I ASKED THESE STUDENTS TO DECIDE ON THEIR OWN PROCEDURES FOR SOLVING COMPLEX TASKS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.70
Max: 4.00
Std. Dev.: 0.84
Skew: -0.05

Value	Label	Freq.	Percent
1	Never or almost never	42	6.2%
2	Occasionally	227	33.4%
3	Frequently	262	38.6%
4	Always	116	17.1%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB08I
Type: Numeric
Variable label: 8.I. HOW OFTEN: I GAVE THESE STUDENTS OPPORTUNITIES TO EXPLAIN THEIR IDEAS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.25
Max: 4.00
Std. Dev.: 0.69
Skew: -0.43

Value	Label	Freq.	Percent
1	Never or almost never	2	0.3%
2	Occasionally	88	13.0%
3	Frequently	303	44.6%
4	Always	255	37.6%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB08J
Type: Numeric
Variable label: 8.J. HOW OFTEN: I ENCOURAGED THESE STUDENTS TO QUESTION AND CRITIQUE ARGUMENTS MADE BY OTHER STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.82
Max: 4.00
Std. Dev.: 0.85
Skew: -0.19

Value	Label	Freq.	Percent
1	Never or almost never	36	5.3%
2	Occasionally	194	28.6%
3	Frequently	269	39.6%
4	Always	149	21.9%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB08K
Type: Numeric
Variable label: 8.K. HOW OFTEN: I REQUIRED THESE STUDENTS TO ENGAGE IN DISCUSSIONS AMONG THEMSELVES.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 2.69
Max: 4.00
Std. Dev.: 0.88
Skew: -0.19

Value	Label	Freq.	Percent
1	Never or almost never	61	9.0%
2	Occasionally	198	29.2%
3	Frequently	269	39.6%
4	Always	118	17.4%

9998	Multiple responses	2	0.3%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB09A
Type: Numeric
Variable label: 9.A. HOW FREQUENTLY: EXPLAINED WHY A MATHEMATICAL PROCEDURE WORKS.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 2.97
Max: 4.00
Std. Dev.: 0.78
Skew: -0.29

Value	Label	Freq.	Percent
1	Never or almost never	18	2.7%
2	Occasionally	154	22.7%
3	Frequently	304	44.8%
4	Always	169	24.9%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB09B
Type: Numeric
Variable label: 9.B. HOW FREQUENTLY: ILLUSTRATED WHY A MATHEMATICAL PROCEDURE WORKS USING CONCRETE EXAMPLES OR GRAPHICS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.95
Max: 4.00
Std. Dev.: 0.81

Skew:	-0.45		
Value	Label	Freq.	Percent
1	Never or almost never	32	4.7%
2	Occasionally	136	20.0%
3	Frequently	313	46.1%
4	Always	165	24.3%
9999	Missing	33	4.9%

Percentiles:				
10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB09C
Type: Numeric
Variable label: 9.C. HOW FREQUENTLY: ASKED QUESTIONS THAT HELPED THESE STUDENTS UNDERSTAND WHY A PROCEDURE WORKS.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.06
Max: 4.00
Std. Dev.: 0.72
Skew: -0.46

Value	Label	Freq.	Percent
1	Never or almost never	15	2.2%
2	Occasionally	103	15.2%
3	Frequently	357	52.6%
4	Always	169	24.9%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:				
10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB09D
Type: Numeric
Variable label: 9.D. HOW FREQUENTLY: COMPARED DIFFERENT WAYS OF SOLVING PROBLEMS.
Unique values: 5

Missing values: 0
 Min: 1.00
 Mean: 3.07
 Max: 4.00
 Std. Dev.: 0.73
 Skew: -0.34

Value	Label	Freq.	Percent
1	Never or almost never	10	1.5%
2	Occasionally	122	18.0%
3	Frequently	328	48.3%
4	Always	186	27.4%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB10A
Type: Numeric
Variable label: 10.A. QUADRATIC EQUATIONS, AGREE: I ADAPTED THE LESSONS TO THIS CLASS'S NEEDS AND KNOWLEDGE.

Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 3.46
 Max: 4.00
 Std. Dev.: 0.53
 Skew: -0.25

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	9	1.3%
3	Agree	331	48.7%
4	Strongly agree	305	44.9%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB10B

Type: Numeric
 Variable label: 10.B. QUADRATIC EQUATIONS, AGREE: I CHANGED MY WAY OF EXPLANATION WHEN A STUDENT HAD DIFFICULTIES UNDERSTANDING A TOPIC OR TASK.
 Unique values: 6
 Missing values: 0
 Min: 1.00
 Mean: 3.33
 Max: 4.00
 Std. Dev.: 0.60
 Skew: -0.44

Value	Label	Freq.	Percent
1	Strongly disagree	4	0.6%
2	Disagree	32	4.7%
3	Agree	360	53.0%
4	Strongly agree	250	36.8%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB10C
 Type: Numeric
 Variable label: 10.C. QUADRATIC EQUATIONS, AGREE: I CHANGED THE STRUCTURE OF THE LESSONS ON A TOPIC THAT MOST OF THESE STUDENTS FOUND DIFFICULT TO UNDERSTAND.
 Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 3.21
 Max: 4.00
 Std. Dev.: 0.65
 Skew: -0.44

Value	Label	Freq.	Percent
1	Strongly disagree	6	0.9%
2	Disagree	64	9.4%
3	Agree	363	53.5%
4	Strongly agree	212	31.2%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%

2

3

3

3

4

Name: TQB10D
Type: Numeric
Variable label: 10.D. QUADRATIC EQUATIONS, AGREE: I GAVE DIFFERENT WORK TO STUDENTS OF DIFFERENT ABILITY LEVELS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.61
Max: 4.00
Std. Dev.: 0.81
Skew: -0.18

Value	Label	Freq.	Percent
1	Strongly disagree	58	8.5%
2	Disagree	214	31.5%
3	Agree	296	43.6%
4	Strongly agree	78	11.5%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB10E
Type: Numeric
Variable label: 10.E. QUADRATIC EQUATIONS, AGREE: I ASKED QUESTIONS TO CHECK IF THESE STUDENTS UNDERSTOOD WHAT I HAD TAUGHT.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.49
Max: 4.00
Std. Dev.: 0.53
Skew: -0.38

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	8	1.2%
3	Agree	308	45.4%
4	Strongly agree	330	48.6%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB11A

Type: Numeric

Variable label: 11.A. AGREE: WHEN THE LESSONS BEGAN, I HAD TO WAIT QUITE A LONG TIME FOR THESE STUDENTS TO QUIETEN DOWN.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 1.70

Max: 4.00

Std. Dev.: 0.72

Skew: 0.81

Value	Label	Freq.	Percent
1	Strongly disagree	280	41.2%
2	Disagree	292	43.0%
3	Agree	64	9.4%
4	Strongly agree	12	1.8%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQB11B

Type: Numeric

Variable label: 11.B. AGREE: I LOST QUITE A LOT OF TIME BECAUSE OF STUDENTS INTERRUPTING THE LESSONS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 1.62

Max: 4.00

Std. Dev.: 0.70

Skew: 1.04

Value	Label	Freq.	Percent
1	Strongly disagree	318	46.8%

2	Disagree	274	40.4%
3	Agree	43	6.3%
4	Strongly agree	13	1.9%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQB11C
Type: Numeric
Variable label: 11.C. AGREE: THERE WAS MUCH DISRUPTIVE NOISE IN THIS CLASSROOM.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.61
Max: 4.00
Std. Dev.: 0.67
Skew: 0.82

Value	Label	Freq.	Percent
1	Strongly disagree	312	45.9%
2	Disagree	280	41.2%
3	Agree	49	7.2%
4	Strongly agree	6	0.9%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	2

Name: TQB11D
Type: Numeric
Variable label: 11.D. AGREE: IN THIS CLASS, STUDENTS WERE AWARE OF WHAT WAS ALLOWED AND WHAT WAS NOT ALLOWED.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.48
Max: 4.00
Std. Dev.: 0.65

Skew:	-1.28		
Value	Label	Freq.	Percent
1	Strongly disagree	12	1.8%
2	Disagree	18	2.7%
3	Agree	263	38.7%
4	Strongly agree	354	52.1%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB11E
Type: Numeric
Variable label: 11.E. AGREE: IN THIS CLASS, STUDENTS KNEW WHY CERTAIN RULES WERE IMPORTANT.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.41
Max: 4.00
Std. Dev.: 0.62
Skew: -0.87

Value	Label	Freq.	Percent
1	Strongly disagree	8	1.2%
2	Disagree	20	2.9%
3	Agree	315	46.4%
4	Strongly agree	304	44.8%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB11F
Type: Numeric
Variable label: 11.F. AGREE: I MANAGED TO STOP DISRUPTIONS QUICKLY.
Unique values: 6
Missing values: 0

Min: 1.00
 Mean: 3.28
 Max: 4.00
 Std. Dev.: 0.74
 Skew: -1.10

Value	Label	Freq.	Percent
1	Strongly disagree	26	3.8%
2	Disagree	33	4.9%
3	Agree	318	46.8%
4	Strongly agree	263	38.7%
9998	Multiple responses	2	0.3%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB11G
Type: Numeric
Variable label: 11.G. AGREE: I REACTED TO DISRUPTIONS IN SUCH A WAY THAT THE STUDENTS STOPPED DISTURBING LEARNING.
Unique values: 6
Missing values: 0
 Min: 1.00
 Mean: 3.15
 Max: 4.00
 Std. Dev.: 0.86
 Skew: -1.02

Value	Label	Freq.	Percent
1	Strongly disagree	49	7.2%
2	Disagree	47	6.9%
3	Agree	305	44.9%
4	Strongly agree	239	35.2%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name:	TQB11H				
Type:	Numeric				
Variable label:	11.H. AGREE: IN THIS CLASS, TRANSITIONS FROM ONE PHASE OF THE LESSON TO THE OTHER (E.G., FROM CLASS DISCUSSIONS TO INDIVIDUAL WORK) TOOK A LOT OF TIME.				
Unique values:	6				
Missing values:	0				
Min:	1.00				
Mean:	2.00				
Max:	4.00				
Std. Dev.:	0.72				
Skew:	0.44				
Value	Label	Freq.	Percent		
1	Strongly disagree	151	22.2%		
2	Disagree	361	53.2%		
3	Agree	116	17.1%		
4	Strongly agree	18	2.7%		
9998	Multiple responses	1	0.1%		
All other values		0	0.0%		
Percentiles:					
	10%	25%	50%	75%	90%
	1	2	2	2	3

Name:	TQB11I			
Type:	Numeric			
Variable label:	11.I. AGREE: I WAS IMMEDIATELY AWARE OF STUDENTS DOING SOMETHING ELSE.			
Unique values:	5			
Missing values:	0			
Min:	1.00			
Mean:	3.16			
Max:	4.00			
Std. Dev.:	0.63			
Skew:	-0.51			
Value	Label	Freq.	Percent	
1	Strongly disagree	10	1.5%	
2	Disagree	53	7.8%	
3	Agree	404	59.5%	
4	Strongly agree	179	26.4%	
9999	Missing	33	4.9%	

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB11J
Type: Numeric
Variable label: 11.J. AGREE: I WAS AWARE OF WHAT WAS HAPPENING IN THE CLASSROOM, EVEN IF I WAS BUSY WITH AN INDIVIDUAL STUDENT.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.22
Max: 4.00
Std. Dev.: 0.57
Skew: -0.23

Value	Label	Freq.	Percent
1	Strongly disagree	4	0.6%
2	Disagree	37	5.4%
3	Agree	417	61.4%
4	Strongly agree	187	27.5%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB12A
Type: Numeric
Variable label: 12.A. AGREE: I GAVE EXTRA HELP WHEN THESE STUDENTS NEEDED IT.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.40
Max: 4.00
Std. Dev.: 0.58
Skew: -0.52

Value	Label	Freq.	Percent
1	Strongly disagree	3	0.4%
2	Disagree	23	3.4%
3	Agree	330	48.6%
4	Strongly agree	291	42.9%

9999 Missing 32 4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: **TQB12B**
Type: Numeric
Variable label: 12.B. AGREE: I CONTINUED TEACHING UNTIL THESE STUDENTS UNDERSTOOD.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.19
Max: 4.00
Std. Dev.: 0.60
Skew: -0.14

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	62	9.1%
3	Agree	396	58.3%
4	Strongly agree	188	27.7%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: **TQB12C**
Type: Numeric
Variable label: 12.C. AGREE: I HELPED THESE STUDENTS WITH THEIR LEARNING.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.43
Max: 4.00
Std. Dev.: 0.50
Skew: 0.19

Value	Label	Freq.	Percent
2	Disagree	2	0.3%
3	Agree	361	53.2%

4	Strongly agree	283	41.7%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB12D
Type: Numeric
Variable label: 12.D. AGREE: I AIMED TO MAKE THESE STUDENTS FEEL CONFIDENT IN THEIR ABILITY TO DO WELL IN THE COURSE.

Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.37
Max: 4.00
Std. Dev.: 0.57
Skew: -0.23

Value	Label	Freq.	Percent
2	Disagree	30	4.4%
3	Agree	346	51.0%
4	Strongly agree	270	39.8%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB12E
Type: Numeric
Variable label: 12.E. AGREE: I LISTENED TO THESE STUDENTS' VIEWS ON HOW TO DO THINGS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.22
Max: 4.00
Std. Dev.: 0.68
Skew: -0.71

Value	Label	Freq.	Percent
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1	Strongly disagree	14	2.1%
2	Disagree	54	8.0%
3	Agree	356	52.4%
4	Strongly agree	222	32.7%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB12F
Type: Numeric
Variable label: 12.F. AGREE: I AIMED TO SHOW THESE STUDENTS THAT I UNDERSTOOD THEM.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.29
Max: 4.00
Std. Dev.: 0.63
Skew: -0.51

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%
2	Disagree	49	7.2%
3	Agree	348	51.3%
4	Strongly agree	244	35.9%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB12G
Type: Numeric
Variable label: 12.G. AGREE: I AIMED TO MAKE THESE STUDENTS CONFIDENT IN THEIR ABILITY TO LEARN THE MATERIAL.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.37

Max: 4.00
Std. Dev.: 0.59
Skew: -0.37

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	33	4.9%
3	Agree	335	49.3%
4	Strongly agree	276	40.6%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB12H
Type: Numeric
Variable label: 12.H. AGREE: I PROVIDED THESE STUDENTS WITH DIFFERENT ALTERNATIVES (E.G. LEARNING MATERIALS OR TASKS).

Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.11
Max: 4.00
Std. Dev.: 0.73
Skew: -0.44

Value	Label	Freq.	Percent
1	Strongly disagree	11	1.6%
2	Disagree	105	15.5%
3	Agree	329	48.5%
4	Strongly agree	201	29.6%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB12I
Type: Numeric
Variable label: 12.I. AGREE: I ENCOURAGED THESE STUDENTS TO FIND THE BEST WAY TO

PROCEED BY THEMSELVES.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.18
Max: 4.00
Std. Dev.: 0.64
Skew: -0.36

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%
2	Disagree	69	10.2%
3	Agree	375	55.2%
4	Strongly agree	197	29.0%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB12J
Type: Numeric
Variable label: 12.J. AGREE: I LET THESE STUDENTS WORK ON THEIR OWN.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.20
Max: 4.00
Std. Dev.: 0.64
Skew: -0.38

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%
2	Disagree	66	9.7%
3	Agree	372	54.8%
4	Strongly agree	203	29.9%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB12K
Type: Numeric
Variable label: 12.K. AGREE: I APPRECIATED IT WHEN DIFFERENT SOLUTIONS CAME UP FOR DISCUSSION.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.46
Max: 4.00
Std. Dev.: 0.56
Skew: -0.49

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	14	2.1%
3	Agree	315	46.4%
4	Strongly agree	316	46.5%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB13A
Type: Numeric
Variable label: 13.A. AGREE: I GOT ALONG WELL WITH THESE STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.53
Max: 4.00
Std. Dev.: 0.54
Skew: -0.61

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	11	1.6%
3	Agree	276	40.6%
4	Strongly agree	359	52.9%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB13B
Type: Numeric
Variable label: 13.B. AGREE: I SHOWED INTEREST IN THESE STUDENTS' WELLBEING.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.52
Max: 4.00
Std. Dev.: 0.59
Skew: -0.83

Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	28	4.1%
3	Agree	251	37.0%
4	Strongly agree	367	54.1%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB13C
Type: Numeric
Variable label: 13.C. AGREE: I REALLY LISTENED TO WHAT THESE STUDENTS HAD TO SAY.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.53
Max: 4.00
Std. Dev.: 0.51
Skew: -0.26

Value	Label	Freq.	Percent
2	Disagree	4	0.6%
3	Agree	297	43.7%
4	Strongly agree	347	51.1%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB13D
Type: Numeric
Variable label: 13.D. AGREE: I TREATED THESE STUDENTS FAIRLY.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.60
Max: 4.00
Std. Dev.: 0.50
Skew: -0.52

Value	Label	Freq.	Percent
2	Disagree	3	0.4%
3	Agree	253	37.3%
4	Strongly agree	392	57.7%
9999	Missing	31	4.6%

Percentiles:

	10%	25%	50%	75%	90%
	3	3	4	4	4

Name: TQB13E
Type: Numeric
Variable label: 13.E. AGREE: I MADE STUDENTS FEEL I REALLY CARED ABOUT THEM.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.47
Max: 4.00
Std. Dev.: 0.60
Skew: -0.75

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	31	4.6%
3	Agree	275	40.5%
4	Strongly agree	338	49.8%
9999	Missing	33	4.9%

Percentiles:

	10%	25%	50%	75%	90%
	3	3	4	4	4

Name: TQB14A
Type: Numeric
Variable label: 14.A. DURING UNIT ON QUADRATIC EQUATIONS: I ADMINISTERED MY OWN ASSESSMENT.
Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.16
Max: 2.00
Std. Dev.: 0.36
Skew: 1.88

Value	Label	Freq.	Percent
1	Yes	542	79.8%
2	No	101	14.9%
9999	Missing	36	5.3%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB14B
Type: Numeric
Variable label: 14.B. DURING UNIT ON QUADRATIC EQUATIONS: I HAD INDIVIDUAL STUDENTS ANSWER QUESTIONS IN FRONT OF THE CLASS.
Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.21
Max: 2.00
Std. Dev.: 0.41
Skew: 1.43

Value	Label	Freq.	Percent
1	Yes	511	75.3%
2	No	135	19.9%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB14C
Type: Numeric
Variable label: 14.C. DURING UNIT ON QUADRATIC EQUATIONS: I LET STUDENTS EVALUATE THEIR OWN PROGRESS.
Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.41
Max: 2.00
Std. Dev.: 0.49
Skew: 0.35

Value	Label	Freq.	Percent
1	Yes	379	55.8%
2	No	267	39.3%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB14D
Type: Numeric
Variable label: 14.D. DURING UNIT ON QUADRATIC EQUATIONS: I OBSERVED STUDENTS WHEN WORKING ON PARTICULAR TASKS AND PROVIDED IMMEDIATE FEEDBACK.
Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.07
Max: 2.00
Std. Dev.: 0.26
Skew: 3.25

Value	Label	Freq.	Percent
1	Yes	600	88.4%
2	No	48	7.1%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	1

Name: TQB15
Type: Numeric
Variable label: 15. THINKING ABOUT YOUR TEACHING IN THE TARGET CLASS DURING THE UNIT ON QUADRATIC EQUATIONS: HOW OFTEN DID YOU ASSIGN HOMEWORK FOR COMPLETION OUTSIDE OF THE CLASSROOM TO THESE STUDENTS?

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.74
Max: 4.00
Std. Dev.: 0.91
Skew: -0.23

Value	Label	Freq.	Percent
1	Never or almost never	62	9.1%
2	Occasionally	189	27.8%
3	Frequently	253	37.3%
4	Always	145	21.4%
9999	Missing	30	4.4%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB16A
Type: Numeric
Variable label: 16.A. AGREE: DURING THE UNIT ON QUADRATIC EQUATIONS I TAUGHT IN THIS CLASS WITH GREAT ENTHUSIASM.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.46
Max: 4.00
Std. Dev.: 0.56
Skew: -0.51

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	15	2.2%
3	Agree	313	46.1%
4	Strongly agree	318	46.8%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB16B
Type: Numeric
Variable label: 16.B. AGREE: I ENJOYED TEACHING THESE STUDENTS NEW THINGS DURING THE UNIT ON QUADRATIC EQUATIONS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.53
Max: 4.00
Std. Dev.: 0.54
Skew: -0.63

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	7	1.0%
3	Agree	284	41.8%
4	Strongly agree	355	52.3%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB16C
Type: Numeric
Variable label: 16.C. AGREE: I ENJOYED INTERACTING WITH THESE STUDENTS DURING THE UNIT ON QUADRATIC EQUATIONS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.54
Max: 4.00
Std. Dev.: 0.53
Skew: -0.65

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%

2	Disagree	6	0.9%
3	Agree	279	41.1%
4	Strongly agree	361	53.2%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB16D
Type: Numeric
Variable label: 16.D. AGREE: IT WAS A PLEASURE TO TEACH THIS CLASS DURING THE UNIT ON QUADRATIC EQUATIONS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.44
Max: 4.00
Std. Dev.: 0.62
Skew: -0.72

Value	Label	Freq.	Percent
1	Strongly disagree	2	0.3%
2	Disagree	40	5.9%
3	Agree	279	41.1%
4	Strongly agree	327	48.2%
9999	Missing	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB17A
Type: Numeric
Variable label: 17.A. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: GET STUDENTS IN THIS CLASS TO BELIEVE THEY CAN DO WELL IN WORK ON QUADRATIC EQUATIONS.

Unique values: 4
Missing values: 0
Min: 2.00
Mean: 3.09
Max: 4.00

Std. Dev.: 0.68
Skew: -0.12

Value	Label	Freq.	Percent
2	To some extent	124	18.3%
3	Quite a bit	338	49.8%
4	A lot	184	27.1%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB17B
Type: Numeric
Variable label: 17.B. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: HELP THESE STUDENTS' VALUE LEARNING THE TOPIC OF QUADRATIC EQUATIONS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.97
Max: 4.00
Std. Dev.: 0.73
Skew: -0.04

Value	Label	Freq.	Percent
1	Not at all	4	0.6%
2	To some extent	172	25.3%
3	Quite a bit	313	46.1%
4	A lot	158	23.3%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB17C
Type: Numeric
Variable label: 17.C. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: CRAFT GOOD QUESTIONS ON THE TOPIC OF QUADRATIC EQUATIONS FOR THESE STUDENTS.

Unique values: 5
Missing values: 0

Min: 1.00
 Mean: 3.10
 Max: 4.00
 Std. Dev.: 0.66
 Skew: -0.14

Value	Label	Freq.	Percent
1	Not at all	1	0.1%
2	To some extent	109	16.1%
3	Quite a bit	363	53.5%
4	A lot	173	25.5%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB17D
Type: Numeric
Variable label: 17.D. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: CONTROL DISRUPTIVE BEHAVIOR IN THIS CLASSROOM WHILE TEACHING THE TOPIC OF QUADRATIC EQUATIONS.

Unique values: 5

Missing values: 0

Min: 1.00
 Mean: 3.34
 Max: 4.00
 Std. Dev.: 0.74
 Skew: -0.92

Value	Label	Freq.	Percent
1	Not at all	12	1.8%
2	To some extent	68	10.0%
3	Quite a bit	252	37.1%
4	A lot	314	46.2%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB17E
Type: Numeric
Variable label: 17.E. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: MOTIVATE STUDENTS WHO SHOW LOW INTEREST IN THE TOPIC OF QUADRATIC EQUATIONS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.83
Max: 4.00
Std. Dev.: 0.80
Skew: -0.05

Value	Label	Freq.	Percent
1	Not at all	20	2.9%
2	To some extent	211	31.1%
3	Quite a bit	278	40.9%
4	A lot	138	20.3%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB17F
Type: Numeric
Variable label: 17.F. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: MAKE MY EXPECTATIONS ABOUT STUDENT BEHAVIOR CLEAR IN THIS CLASS WHILE TEACHING THE TOPIC OF QUADRATIC EQUATIONS.

Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.23
Max: 4.00
Std. Dev.: 0.70
Skew: -0.51

Value	Label	Freq.	Percent
1	Not at all	6	0.9%
2	To some extent	82	12.1%
3	Quite a bit	314	46.2%
4	A lot	242	35.6%
9999	Missing	35	5.2%

Percentiles:					
	10%	25%	50%	75%	90%
	2	3	3	3	4

Name:	TQB17G		
Type:	Numeric		
Variable label:	17.G. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: HELP STUDENTS THINK CRITICALLY ABOUT THE TOPIC OF QUADRATIC EQUATIONS.		
Unique values:	5		
Missing values:	0		
Min:	1.00		
Mean:	2.82		
Max:	4.00		
Std. Dev.:	0.80		
Skew:	-0.24		
Value	Label	Freq.	Percent
1	Not at all	31	4.6%
2	To some extent	180	26.5%
3	Quite a bit	306	45.1%
4	A lot	128	18.9%
9999	Missing	34	5.0%

Percentiles:					
	10%	25%	50%	75%	90%
	2	2	3	3	4

Name:	TQB17H		
Type:	Numeric		
Variable label:	17.H. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: GET STUDENTS IN THIS CLASS TO FOLLOW CLASSROOM RULES WHILE TEACHING THE TOPIC OF QUADRATIC EQUATIONS.		
Unique values:	6		
Missing values:	0		
Min:	1.00		
Mean:	3.40		
Max:	4.00		
Std. Dev.:	0.65		
Skew:	-0.80		
Value	Label	Freq.	Percent

1	Not at all	5	0.7%
2	To some extent	44	6.5%
3	Quite a bit	283	41.7%
4	A lot	314	46.2%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB17I
Type: Numeric
Variable label: 17.I. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: CALM A STUDENT IN THIS CLASS WHO WAS DISRUPTIVE OR NOISY WHILE TEACHING THE TOPIC OF QUADRATIC EQUATIONS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.31

Max: 4.00

Std. Dev.: 0.77

Skew: -0.90

Value	Label	Freq.	Percent
1	Not at all	15	2.2%
2	To some extent	75	11.0%
3	Quite a bit	250	36.8%
4	A lot	302	44.5%
9999	Missing	37	5.4%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB17J
Type: Numeric
Variable label: 17.J. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: USE A VARIETY OF

ASSESSMENT STRATEGIES WHILE TEACHING THE TOPIC OF QUADRATIC EQUATIONS IN THIS CLASS.

Unique values: 5
 Missing values: 0
 Min: 1.00
 Mean: 2.93
 Max: 4.00
 Std. Dev.: 0.80
 Skew: -0.19

Value	Label	Freq.	Percent
1	Not at all	18	2.7%
2	To some extent	178	26.2%
3	Quite a bit	285	42.0%
4	A lot	166	24.4%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB17K
Type: Numeric
Variable label: 17.K. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: PROVIDE AN ALTERNATIVE EXPLANATION FOR EXAMPLES WHEN STUDENTS ARE CONFUSED WHILE TEACHING THE TOPIC OF QUADRATIC EQUATIONS.

Unique values: 6
 Missing values: 0
 Min: 1.00
 Mean: 3.22
 Max: 4.00
 Std. Dev.: 0.66
 Skew: -0.33

Value	Label	Freq.	Percent
1	Not at all	2	0.3%
2	To some extent	78	11.5%
3	Quite a bit	342	50.4%
4	A lot	224	33.0%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB17L
Type: Numeric
Variable label: 17.L. DURING QUADRATIC EQUATIONS, TO WHAT EXTENT: VARY INSTRUCTIONAL STRATEGIES IN THIS CLASSROOM WHILE TEACHING THE TOPIC OF QUADRATIC EQUATIONS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.02

Max: 4.00

Std. Dev.: 0.75

Skew: -0.23

Value	Label	Freq.	Percent
1	Not at all	9	1.3%
2	To some extent	150	22.1%
3	Quite a bit	307	45.2%
4	A lot	181	26.7%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB18A
Type: Numeric
Variable label: 18.A. WHILE TEACHING TARGET CLASS, AGREE: I ENJOYED TEACHING THESE STUDENTS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.56

Max: 4.00

Std. Dev.: 0.54

Skew: -0.87

Value	Label	Freq.	Percent
1	Strongly disagree	3	0.4%
2	Disagree	7	1.0%
3	Agree	262	38.6%
4	Strongly agree	373	54.9%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB18B
Type: Numeric
Variable label: 18.B. WHILE TEACHING TARGET CLASS, AGREE: I HAD REASON TO BE ANGRY WHILE I TAUGHT THESE STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.60
Max: 4.00
Std. Dev.: 0.70
Skew: 0.89

Value	Label	Freq.	Percent
1	Strongly disagree	329	48.5%
2	Disagree	248	36.5%
3	Agree	61	9.0%
4	Strongly agree	6	0.9%
9999	Missing	35	5.2%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	3

Name: TQB18C
Type: Numeric
Variable label: 18.C. WHILE TEACHING TARGET CLASS, AGREE: I OFTEN FELT ANNOYED WHILE TEACHING THESE STUDENTS.
Unique values: 6
Missing values: 0

Min: 1.00
 Mean: 1.50
 Max: 4.00
 Std. Dev.: 0.63
 Skew: 0.99

Value	Label	Freq.	Percent
1	Strongly disagree	365	53.8%
2	Disagree	236	34.8%
3	Agree	40	5.9%
4	Strongly agree	3	0.4%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB18D
Type: Numeric
Variable label: 18.D. WHILE TEACHING TARGET CLASS, AGREE: I WAS OFTEN WORRIED THAT MY TEACHING WASN'T GOING SO WELL IN THIS CLASS.
Unique values: 6
Missing values: 0
 Min: 1.00
 Mean: 2.10
 Max: 4.00
 Std. Dev.: 0.87
 Skew: 0.36

Value	Label	Freq.	Percent
1	Strongly disagree	175	25.8%
2	Disagree	266	39.2%
3	Agree	162	23.9%
4	Strongly agree	39	5.7%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	3

Name: TQB18E
Type: Numeric
Variable label: 18.E. WHILE TEACHING TARGET CLASS, AGREE: I FELT TENSE AND NERVOUS WHILE TEACHING THESE STUDENTS.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 1.51
Max: 4.00
Std. Dev.: 0.66
Skew: 1.21

Value	Label	Freq.	Percent
1	Strongly disagree	369	54.3%
2	Disagree	228	33.6%
3	Agree	36	5.3%
4	Strongly agree	8	1.2%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB18F
Type: Numeric
Variable label: 18.F. WHILE TEACHING TARGET CLASS, AGREE: I FELT UNEASY WHEN I THOUGHT ABOUT TEACHING THESE STUDENTS.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.47
Max: 4.00
Std. Dev.: 0.72
Skew: 1.66

Value	Label	Freq.	Percent
1	Strongly disagree	408	60.1%
2	Disagree	189	27.8%
3	Agree	29	4.3%
4	Strongly agree	19	2.8%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%

1 1 1 1 2

Name: TQB18G
Type: Numeric
Variable label: 18.G. WHILE TEACHING TARGET CLASS, AGREE: TEACHING THESE STUDENTS FRUSTRATED ME.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.37
Max: 4.00
Std. Dev.: 0.58
Skew: 1.50

Value	Label	Freq.	Percent
1	Strongly disagree	435	64.1%
2	Disagree	184	27.1%
3	Agree	22	3.2%
4	Strongly agree	4	0.6%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB18H
Type: Numeric
Variable label: 18.H. WHILE TEACHING TARGET CLASS, AGREE: PREPARING TO TEACH THESE STUDENTS OFTEN CAUSED ME TO WORRY.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 1.60
Max: 4.00
Std. Dev.: 0.75
Skew: 1.05

Value	Label	Freq.	Percent
1	Strongly disagree	353	52.0%
2	Disagree	208	30.6%
3	Agree	73	10.8%
4	Strongly agree	11	1.6%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	3

Name: TQB18I

Type: Numeric

Variable label: 18.I. WHILE TEACHING TARGET CLASS, AGREE: I OFTEN HAD REASON TO BE HAPPY WHILE I TAUGHT THESE STUDENTS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.28

Max: 4.00

Std. Dev.: 0.67

Skew: -0.61

Value	Label	Freq.	Percent
1	Strongly disagree	7	1.0%
2	Disagree	59	8.7%
3	Agree	326	48.0%
4	Strongly agree	252	37.1%
9999	Missing	35	5.2%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB18J

Type: Numeric

Variable label: 18.J. WHILE TEACHING TARGET CLASS, AGREE: I HAD SO MUCH FUN TEACHING THESE STUDENTS THAT I GLADLY PREPARED AND TAUGHT MY LESSONS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.31

Max: 4.00

Std. Dev.: 0.64

Skew: -0.57

Value	Label	Freq.	Percent
1	Strongly disagree	5	0.7%

2	Disagree	47	6.9%
3	Agree	333	49.0%
4	Strongly agree	260	38.3%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB18K

Type: Numeric

Variable label: 18.K. WHILE TEACHING TARGET CLASS, AGREE: SOMETIMES I GOT REALLY MAD AT THESE STUDENTS.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 1.63

Max: 4.00

Std. Dev.: 0.73

Skew: 0.84

Value	Label	Freq.	Percent
1	Strongly disagree	330	48.6%
2	Disagree	228	33.6%
3	Agree	80	11.8%
4	Strongly agree	6	0.9%
9999	Missing	35	5.2%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	3

Name: TQB18L

Type: Numeric

Variable label: 18.L. WHILE TEACHING TARGET CLASS, AGREE: I TAUGHT THESE STUDENTS WITH ENTHUSIASM.

Unique values: 5

Missing values: 0

Min: 1.00

Mean: 3.48

Max: 4.00

Std. Dev.:	0.54		
Skew:	-0.40		
Value	Label	Freq.	Percent
1	Strongly disagree	1	0.1%
2	Disagree	11	1.6%
3	Agree	309	45.5%
4	Strongly agree	324	47.7%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	4

Name: TQB19A
Type: Numeric
Variable label: 19.A. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I PROVIDED A CLEAR STRUCTURE.
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.26
Max: 5.00
Std. Dev.: 0.63
Skew: 0.69

Value	Label	Freq.	Percent
1	Much less	3	0.4%
2	A bit less	29	4.3%
3	Exactly the same	441	64.9%
4	A bit more	144	21.2%
5	Much more	29	4.3%
All other values		32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB19B
Type: Numeric
Variable label: 19.B. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I MADE THESE STUDENTS THINK HARD ABOUT THE CONTENT.

Unique values: 7
 Missing values: 0
 Min: 1.00
 Mean: 3.16
 Max: 5.00
 Std. Dev.: 0.61
 Skew: 0.71

Value	Label	Freq.	Percent
1	Much less	2	0.3%
2	A bit less	47	6.9%
3	Exactly the same	461	67.9%
4	A bit more	114	16.8%
5	Much more	21	3.1%
All other values		33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB19C
Type: Numeric
Variable label: 19.C. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I ADAPTED THE INSTRUCTION TO THESE STUDENT'S NEEDS.

Unique values: 7
 Missing values: 0
 Min: 1.00
 Mean: 3.12
 Max: 5.00
 Std. Dev.: 0.62
 Skew: 0.34

Value	Label	Freq.	Percent
1	Much less	10	1.5%
2	A bit less	38	5.6%
3	Exactly the same	480	70.7%
4	A bit more	96	14.1%
5	Much more	21	3.1%
All other values		33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB19D
Type: Numeric
Variable label: 19.D. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I SUPPORTED MY STUDENTS SOCIO-EMOTIONALLY.
Unique values: 6
Missing values: 0
Min: 2.00
Mean: 3.21
Max: 5.00
Std. Dev.: 0.56
Skew: 1.98

Value	Label	Freq.	Percent
2	A bit less	11	1.6%
3	Exactly the same	526	77.5%
4	A bit more	70	10.3%
5	Much more	38	5.6%
9998	Multiple responses	2	0.3%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB19E
Type: Numeric
Variable label: 19.E. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I MANAGED THIS CLASS IN A WAY THAT NO TIME WAS WASTED.
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.27
Max: 5.00
Std. Dev.: 0.65
Skew: 0.85

Value	Label	Freq.	Percent
1	Much less	1	0.1%
2	A bit less	34	5.0%
3	Exactly the same	436	64.2%
4	A bit more	138	20.3%
5	Much more	37	5.4%
All other values		32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB19F
Type: Numeric
Variable label: 19.F. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I THOUGHT ABOUT THE CONCEPT OF THE LESSONS.
Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.43
Max: 5.00
Std. Dev.: 0.65
Skew: 0.79

Value	Label	Freq.	Percent
1	Much less	1	0.1%
2	A bit less	8	1.2%
3	Exactly the same	392	57.7%
4	A bit more	201	29.6%
5	Much more	44	6.5%
All other values		32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB19G
Type: Numeric
Variable label: 19.G. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I CAREFULLY DEVELOPED THE MATERIAL FOR THE LESSONS.

Unique values: 6
Missing values: 0
Min: 2.00
Mean: 3.47
Max: 5.00
Std. Dev.: 0.66
Skew: 0.86

Value	Label	Freq.	Percent
2	A bit less	7	1.0%
3	Exactly the same	382	56.3%

4	A bit more	202	29.7%
5	Much more	55	8.1%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB19H
Type: Numeric
Variable label: 19.H. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I WAS NERVOUS.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.32
Max: 5.00
Std. Dev.: 1.00
Skew: -0.67

Value	Label	Freq.	Percent
1	Much less	52	7.7%
2	A bit less	41	6.0%
3	Exactly the same	253	37.3%
4	A bit more	248	36.5%
5	Much more	53	7.8%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB19I
Type: Numeric
Variable label: 19.I. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: I WAS ENTHUSIASTIC.
Unique values: 6
Missing values: 0
Min: 2.00
Mean: 3.42

Max: 5.00
Std. Dev.: 0.71
Skew: 0.87

Value	Label	Freq.	Percent
2	A bit less	19	2.8%
3	Exactly the same	400	58.9%
4	A bit more	161	23.7%
5	Much more	65	9.6%
9998	Multiple responses	1	0.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	5

Name: TQB19J
Type: Numeric
Variable label: 19.J. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: MY STUDENTS FELT NERVOUS.

Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.73
Max: 5.00
Std. Dev.: 0.83
Skew: -0.94

Value	Label	Freq.	Percent
1	Much less	15	2.2%
2	A bit less	30	4.4%
3	Exactly the same	151	22.2%
4	A bit more	367	54.1%
5	Much more	83	12.2%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	4	4	5

Name: TQB19K
Type: Numeric

Variable label: 19.K. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: MY STUDENTS WERE INTERESTED.

Unique values: 7
Missing values: 0
Min: 1.00
Mean: 3.54
Max: 5.00
Std. Dev.: 0.74
Skew: 0.40

Value	Label	Freq.	Percent
1	Much less	1	0.1%
2	A bit less	21	3.1%
3	Exactly the same	324	47.7%
4	A bit more	226	33.3%
5	Much more	73	10.8%
All other values		33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	5

Name: TQB19L

Type: Numeric

Variable label: 19.L. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: MY STUDENTS CONCENTRATED ON THE LESSON.

Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.55
Max: 5.00
Std. Dev.: 0.75
Skew: 0.23

Value	Label	Freq.	Percent
1	Much less	2	0.3%
2	A bit less	26	3.8%
3	Exactly the same	307	45.2%
4	A bit more	241	35.5%
5	Much more	71	10.5%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	5

Name: TQB19M
Type: Numeric
Variable label: 19.M. COMPARE VIDEOTAPED LESSONS TO NORMAL LESSONS: MY STUDENTS INTERACTED WITH ME.
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.06
Max: 5.00
Std. Dev.: 0.83
Skew: 0.34

Value	Label	Freq.	Percent
1	Much less	14	2.1%
2	A bit less	119	17.5%
3	Exactly the same	368	54.2%
4	A bit more	104	15.3%
5	Much more	42	6.2%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB20A
Type: Numeric
Variable label: 20.A. VIDEOTAPED LESSON ONE: HOW WOULD YOU DESCRIBE THE RECORDED LESSONS AS A WHOLE?
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.29
Max: 4.00
Std. Dev.: 0.65
Skew: -0.63

Value	Label	Freq.	Percent
1	Absolutely not typical	8	1.2%
2	Not typical	45	6.6%
3	For the most part typical	348	51.3%
4	Very typical	246	36.2%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB20B
Type: Numeric
Variable label: 20.B. VIDEOTAPED LESSON TWO: HOW WOULD YOU DESCRIBE THE RECORDED LESSONS AS A WHOLE?
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 3.30
Max: 4.00
Std. Dev.: 0.66
Skew: -0.67

Value	Label	Freq.	Percent
1	Absolutely not typical	8	1.2%
2	Not typical	48	7.1%
3	For the most part typical	333	49.0%
4	Very typical	257	37.8%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TQB21A
Type: Numeric
Variable label: 21.A. QUADRATIC EQUATIONS, TO WHAT EXTENT: ENHANCING STUDENTS' MATHEMATICAL KNOWLEDGE AND SKILLS.
Unique values: 4
Missing values: 0
Min: 2.00
Mean: 2.95
Max: 4.00
Std. Dev.: 0.56
Skew: -0.02

Value	Label	Freq.	Percent
2	Only partly met	118	17.4%

3	Mostly met	445	65.5%
4	Fully met	84	12.4%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	3	3	3	4

Name: TQB21B
Type: Numeric
Variable label: 21.B. QUADRATIC EQUATIONS, TO WHAT EXTENT: ENHANCING STUDENTS' MATHEMATICAL THINKING AND REASONING.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.61
Max: 4.00
Std. Dev.: 0.62
Skew: 0.24

Value	Label	Freq.	Percent
1	Not met at all	7	1.0%
2	Only partly met	279	41.1%
3	Mostly met	319	47.0%
4	Fully met	42	6.2%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	3

Name: TQB21C
Type: Numeric
Variable label: 21.C. QUADRATIC EQUATIONS, TO WHAT EXTENT: ENHANCING STUDENTS' APPLICATION OF MATHEMATICAL CONTENT.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.56
Max: 4.00
Std. Dev.: 0.69

Skew: 0.00

Value	Label	Freq.	Percent
1	Not met at all	29	4.3%
2	Only partly met	270	39.8%
3	Mostly met	303	44.6%
4	Fully met	45	6.6%
9999	Missing	32	4.7%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	3

Name: TQB21D
Type: Numeric
Variable label: 21.D. QUADRATIC EQUATIONS, TO WHAT EXTENT: FOSTERING STUDENTS' VALUES.
Unique values: 5
Missing values: 0
Min: 1.00
Mean: 2.89
Max: 4.00
Std. Dev.: 0.77
Skew: -0.28

Value	Label	Freq.	Percent
1	Not met at all	23	3.4%
2	Only partly met	162	23.9%
3	Mostly met	327	48.2%
4	Fully met	134	19.7%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB21E
Type: Numeric
Variable label: 21.E. QUADRATIC EQUATIONS, TO WHAT EXTENT: FOSTERING STUDENTS' MOTIVATION.
Unique values: 5
Missing values: 0

Min: 1.00
 Mean: 2.87
 Max: 4.00
 Std. Dev.: 0.65
 Skew: -0.07

Value	Label	Freq.	Percent
1	Not met at all	6	0.9%
2	Only partly met	166	24.4%
3	Mostly met	380	56.0%
4	Fully met	94	13.8%
9999	Missing	33	4.9%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TQB22_1
Type: Numeric
Variable label: 22.1 APPROACH 1: WHICH STATEMENT BEST EXPLAINS WHY YOU CANNOT DIVIDE BOTH SIDES OF THE EQUATION BY (X-2)
Unique values: 6
Missing values: 0
 Min: 1.00
 Mean: 2.76
 Max: 4.00
 Std. Dev.: 0.65
 Skew: -0.52

Value	Label	Freq.	Percent
1	You cannot cancel (x-2) because it represents a real number.	23	3.4%
2	It is better to expand the expression on both sides of the equation first to obtain $x^2-4x+4=2(x^2+3x-10)$ and then you won't have to worry about (x-2).	159	23.4%
3	Division by zero is not defined so you would have to consider the case of $x=2$ separately.	402	59.2%
4	Because x is a variable it can vary – you may not be cancelling the same amount	52	7.7%

	from both sides.		
9998	Multiple responses	3	0.4%
All other values		0	0.0%

Percentiles:					
	10%	25%	50%	75%	90%
	2	2	3	3	3

Name:	TQB22_2		
Type:	Numeric		
Variable label:	22.2 APPROACH 2: WHICH STATEMENT BEST CHARACTERIZES THEO'S APPROACH TO THIS PROBLEM?		
Unique values:	6		
Missing values:	0		
Min:	1.00		
Mean:	2.78		
Max:	4.00		
Std. Dev.:	1.02		
Skew:	-0.62		
Value	Label	Freq.	Percent
1	<Maurice's> method is wrong because you cannot solve an equation by factoring unless one side of the equation is equal to zero.	119	17.5%
2	<Maurice's> method is wrong because he should have first divided by 3 and then factored the left side of the equation.	58	8.5%
3	<Maurice's> reasoning is correct but his method often leads to an equation that cannot be solved by inspection.	305	44.9%
4	<Maurice's> reasoning is correct but his method only works for equations with real root2.	155	22.8%
9998	Multiple responses	6	0.9%
All other values		0	0.0%

Percentiles:					
	10%	25%	50%	75%	90%
	1	2	3	3	4

Name: TQB22_3
Type: Numeric
Variable label: 22.3 APPROACH 3: WHICH EXPRESSION WOULD BE LEAST USEFUL IN ASSESSING STUDENT PROFICIENCY IN MULTIPLYING TWO BINOMIALS?
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 3.33
Max: 4.00
Std. Dev.: 1.08
Skew: -1.23

Value	Label	Freq.	Percent
1	$(x+2)(x+3)$	74	10.9%
2	$(x+2)(x-2)$	81	11.9%
3	$(x-3)(x-3)$	44	6.5%
4	All of these are equally useful in assessing student proficiency in multiplying two <binomials>.	440	64.8%
9998	Multiple responses	4	0.6%
All other values		0	0.0%

Percentiles:					
	10%	25%	50%	75%	90%
	1	3	4	4	4

Name: TQB22_4
Type: Numeric
Variable label: 22.4 APPROACH 4: WHICH EXAMPLE BEST ILLUSTRATES THE FUNCTION $H(X)=CX^2$?
Unique values: 6
Missing values: 0
Min: 1.00
Mean: 2.50
Max: 4.00

Std. Dev.:	1.27		
Skew:	-0.03		
Value	Label	Freq.	Percent
1	The amount of paint needed to paint a circular logo x inches tall.	212	31.2%
2	The surface area of a spherical balloon after being filled with water at a constant rate for x seconds.	78	11.5%
3	The lunar elevation of a steel ball after x seconds in free fall from 10 kilometres above the surface of the moon.	116	17.1%
4	All of these examples equally illustrate the function $h(x)=cx^2$.	200	29.5%
9998	Multiple responses	5	0.7%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	3	3	4

Name:	TQB23A		
Type:	Numeric		
Variable label:	23.A. TRUE OR FALSE: I HAVE NEVER BEEN IRKED WHEN PEOPLE EXPRESSED IDEAS VERY DIFFERENT FROM MY OWN.		
Unique values:	3		
Missing values:	0		
Min:	1.00		
Mean:	1.32		
Max:	2.00		
Std. Dev.:	0.47		
Skew:	0.77		
Value	Label	Freq.	Percent
1	True	438	64.5%
2	Not True	207	30.5%
9999	Missing	34	5.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB23B
Type: Numeric
Variable label: 23.B. TRUE OR FALSE: I HAVE NEVER DELIBERATELY SAID SOMETHING THAT HURT SOMEONE'S FEELINGS.

Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.33
Max: 2.00
Std. Dev.: 0.47
Skew: 0.74

Value	Label	Freq.	Percent
1	True	432	63.6%
2	Not True	210	30.9%
9999	Missing	37	5.4%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	2

Name: TQB23C
Type: Numeric
Variable label: 23.C. TRUE OR FALSE: THERE HAVE BEEN OCCASIONS WHEN I TOOK ADVANTAGE OF SOMEONE.

Unique values: 3
Missing values: 0
Min: 1.00
Mean: 1.75
Max: 2.00
Std. Dev.: 0.43
Skew: -1.15

Value	Label	Freq.	Percent
1	True	161	23.7%
2	Not True	481	70.8%
9999	Missing	37	5.4%

Percentiles:					
	10%	25%	50%	75%	90%
	1	1	2	2	2

Name:	TQB23D		
Type:	Numeric		
Variable label:	23.D. TRUE OR FALSE: THERE HAVE BEEN OCCASIONS WHEN I FELT LIKE SMASHING THINGS.		
Unique values:	4		
Missing values:	0		
Min:	1.00		
Mean:	1.73		
Max:	2.00		
Std. Dev.:	0.44		
Skew:	-1.04		
Value	Label	Freq.	Percent
1	True	173	25.5%
2	Not True	469	69.1%
9998	Multiple responses	1	0.1%
9999	Missing	36	5.3%

Percentiles:					
	10%	25%	50%	75%	90%
	1	1	2	2	2

Name:	TQB22_1_SCORE		
Type:	Numeric		
Variable label:	TQB22_1 is correct		
Unique values:	4		
Missing values:	1		
Min:	0.00		
Mean:	0.62		
Max:	1.00		
Std. Dev.:	0.49		
Skew:	-0.48		
Value	Label	Freq.	Percent
0	0. Not correct	249	36.7%
1	1. Correct	402	59.2%
9999	Missing	27	4.0%
.		1	0.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	1	1	1

Name: TQB22_2_SCORE
Type: Numeric
Variable label: TQB22_2 is correct
Unique values: 4
Missing values: 1
Min: 0.00
Mean: 0.47
Max: 1.00
Std. Dev.: 0.50
Skew: 0.13

Value	Label	Freq.	Percent
0	0. Not correct	346	51.0%
1	1. Correct	305	44.9%
9999	Missing	27	4.0%
.		1	0.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	1

Name: TQB22_3_SCORE
Type: Numeric
Variable label: TQB22_3 is correct
Unique values: 4
Missing values: 1
Min: 0.00
Mean: 0.12
Max: 1.00
Std. Dev.: 0.33
Skew: 2.28

Value	Label	Freq.	Percent
0	0. Not correct	570	83.9%
1	1. Correct	81	11.9%
9999	Missing	27	4.0%
.		1	0.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	1

Name: TQB22_4_SCORE
Type: Numeric
Variable label: TQB22_4 is correct
Unique values: 4
Missing values: 1
Min: 0.00
Mean: 0.33
Max: 1.00
Std. Dev.: 0.47
Skew: 0.74

Value	Label	Freq.	Percent
0	0. Not correct	439	64.7%
1	1. Correct	212	31.2%
9999	Missing	27	4.0%
.		1	0.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	1

Name: TB_NMISS
Type: Numeric
Variable label: Number of missing post-questionnaire responses
Unique values: 19
Missing values: 23
Min: 0.00
Mean: 2.10
Max: 121.00
Std. Dev.: 12.69
Skew: 8.74

Value	Label	Freq.	Percent
0		465	68.5%
1		76	11.2%
2		64	9.4%
3		13	1.9%
4		8	1.2%
All other values		47	6.9%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	2

Name: TB_FEMALE
Type: Numeric
Variable label: Teacher Female
Unique values: 3
Missing values: 32
Min: 0.00
Mean: 0.47
Max: 1.00
Std. Dev.: 0.50
Skew: 0.13

Value	Label	Freq.	Percent
0	Male	345	50.8%
1	Female	302	44.5%
.		32	4.7%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	1

Name: TB_QUALIFICATION
Type: Numeric
Variable label: Teacher Highest Degree Earned
Unique values: 6
Missing values: 35
Min: 1.00
Mean: 3.39
Max: 5.00
Std. Dev.: 0.54
Skew: 0.63

Value	Label	Freq.	Percent
1		1	0.1%
2	Technical School	2	0.3%
3	Undergrad	401	59.1%
4	Masters	227	33.4%
5	Doctorate	13	1.9%

All other values 0 0.0%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TB_QUAL_TECHSCHL
Type: Numeric
Variable label: Teacher Highest Degree Earned: Technical School
Unique values: 3
Missing values: 35
Min: 0.00
Mean: 0.00
Max: 1.00
Std. Dev.: 0.06
Skew: 17.86

Value	Label	Freq.	Percent
0		642	94.6%
1		2	0.3%
.		35	5.2%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: TB_QUAL_UNDERGRAD
Type: Numeric
Variable label: Teacher Highest Degree Earned: Undergraduate
Unique values: 3
Missing values: 35
Min: 0.00
Mean: 0.62
Max: 1.00
Std. Dev.: 0.49
Skew: -0.51

Value	Label	Freq.	Percent
0		243	35.8%
1		401	59.1%
.		35	5.2%

Percentiles:

10%	25%	50%	75%	90%
0	0	1	1	1

Name: TB_QUAL_MASTERS
Type: Numeric
Variable label: Teacher Highest Degree Earned: Masters
Unique values: 3
Missing values: 35
Min: 0.00
Mean: 0.35
Max: 1.00
Std. Dev.: 0.48
Skew: 0.62

Value	Label	Freq.	Percent
0		417	61.4%
1		227	33.4%
.		35	5.2%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	1

Name: TB_QUAL_DOCTORATE
Type: Numeric
Variable label: Teacher Highest Degree Earned: Doctorate
Unique values: 3
Missing values: 35
Min: 0.00
Mean: 0.02
Max: 1.00
Std. Dev.: 0.14
Skew: 6.82

Value	Label	Freq.	Percent
0		631	92.9%
1		13	1.9%
.		35	5.2%

Percentiles:

10%	25%	50%	75%	90%
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0 0 0 0 0

Name: TB_TEACHQUAL
Type: Numeric
Variable label: Teacher Preparation Program
Unique values: 6
Missing values: 34
Min: 1.00
Mean: 1.50
Max: 5.00
Std. Dev.: 1.21
Skew: 2.24

Value	Label	Freq.	Percent
1	I attended a standard teacher education or training program at an approved ITT provider.	533	78.5%
2	I attended an in-service teacher education or training program.	22	3.2%
3	I attended a work-based teacher education or training program.	21	3.1%
4	I attended training in another pedagogical profession.	16	2.4%
5	Other	53	7.8%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	4

Name: TB_OTT1
Type: Numeric
Variable label: Standard Teacher Education or Training Program (tb_teachqual = 1)
Unique values: 3
Missing values: 34
Min: 0.00

Mean: 0.83
 Max: 1.00
 Std. Dev.: 0.38
 Skew: -1.72

Value	Label	Freq.	Percent
0		112	16.5%
1		533	78.5%
.		34	5.0%

Percentiles:

10%	25%	50%	75%	90%
0	1	1	1	1

Name: TB_OTT2
Type: Numeric
Variable label: Standard, In-Service or Work-Based Education or Program (tb_teachqual = 1, 2, 3)
Unique values: 3
Missing values: 34
Min: 0.00
Mean: 0.89
Max: 1.00
Std. Dev.: 0.31
Skew: -2.54

Value	Label	Freq.	Percent
0		69	10.2%
1		576	84.8%
.		34	5.0%

Percentiles:

10%	25%	50%	75%	90%
0	1	1	1	1

Name: TB_TEACHQUAL_1
Type: Numeric
Variable label: Teacher Prep Program: Standard Teacher Education or Training Program
Unique values: 3
Missing values: 34
Min: 0.00
Mean: 0.83

Max: 1.00
Std. Dev.: 0.38
Skew: -1.72

Value	Label	Freq.	Percent
0		112	16.5%
1		533	78.5%
.		34	5.0%

Percentiles:

10%	25%	50%	75%	90%
0	1	1	1	1

Name: TB_TEACHQUAL_2
Type: Numeric
Variable label: Teacher Prep Program: In-Service Teacher Education or Training Program
Unique values: 3
Missing values: 34
Min: 0.00
Mean: 0.03
Max: 1.00
Std. Dev.: 0.18
Skew: 5.13

Value	Label	Freq.	Percent
0		623	91.8%
1		22	3.2%
.		34	5.0%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: TB_TEACHQUAL_3
Type: Numeric
Variable label: Teacher Prep Program: Work-Based Teacher Education or Training Program
Unique values: 3
Missing values: 34
Min: 0.00
Mean: 0.03
Max: 1.00
Std. Dev.: 0.18

Skew:	5.27		
Value	Label	Freq.	Percent
0		624	91.9%
1		21	3.1%
.		34	5.0%

Percentiles:				
10%	25%	50%	75%	90%
0	0	0	0	0

Name:	TB_TEACHQUAL_4		
Type:	Numeric		
Variable label:	Teacher Prep Program: Training in Another Pedagogical Profession		
Unique values:	3		
Missing values:	34		
Min:	0.00		
Mean:	0.02		
Max:	1.00		
Std. Dev.:	0.16		
Skew:	6.11		
Value	Label	Freq.	Percent
0		629	92.6%
1		16	2.4%
.		34	5.0%

Percentiles:				
10%	25%	50%	75%	90%
0	0	0	0	0

Name:	TB_TEACHQUAL_5		
Type:	Numeric		
Variable label:	Teacher Prep Program: Other		
Unique values:	3		
Missing values:	34		
Min:	0.00		
Mean:	0.08		
Max:	1.00		
Std. Dev.:	0.27		
Skew:	3.04		
Value	Label	Freq.	Percent

0	592	87.2%
1	53	7.8%
.	34	5.0%

Percentiles:				
10%	25%	50%	75%	90%
0	0	0	0	0

Name:	TB_EDUMATH
Type:	Numeric
Variable label:	Teacher Math Content Courses
Unique values:	3
Missing values:	56
Min:	0.00
Mean:	0.84
Max:	1.00
Std. Dev.:	0.37
Skew:	-1.82

Value	Label	Freq.	Percent
0		102	15.0%
1		521	76.7%
.		56	8.2%

Percentiles:				
10%	25%	50%	75%	90%
0	1	1	1	1

Name:	TB_EDUTEACH
Type:	Numeric
Variable label:	Teacher Math Pedagogy Courses
Unique values:	3
Missing values:	80
Min:	0.00
Mean:	0.82
Max:	1.00
Std. Dev.:	0.38
Skew:	-1.71

Value	Label	Freq.	Percent
0		105	15.5%
1		494	72.8%

. 80 11.8%

Percentiles:

10%	25%	50%	75%	90%
0	1	1	1	1

Name: TB_EDUPRACT
Type: Numeric
Variable label: Teacher Math Teaching Practice
Unique values: 3
Missing values: 73
Min: 0.00
Mean: 0.87
Max: 1.00
Std. Dev.: 0.34
Skew: -2.17

Value	Label	Freq.	Percent
0		80	11.8%
1		526	77.5%
.		73	10.8%

Percentiles:

10%	25%	50%	75%	90%
0	1	1	1	1

Name: TB_WORKEXP
Type: Numeric
Variable label: Teacher Years Math Experience
Unique values: 44
Missing values: 33
Min: 0.00
Mean: 14.21
Max: 49.00
Std. Dev.: 9.76
Skew: 0.77

Value	Label	Freq.	Percent
0		6	0.9%
1		15	2.2%
2		23	3.4%
3		37	5.4%

4	29	4.3%
All other values	542	79.8%

Percentiles:

10%	25%	50%	75%	90%
3	6	12	12	28

Name: TB_PLANTIME_V1
Type: Numeric
Variable label: Teacher how long spent planning for lesson 1
Unique values: 41
Missing values: 31
Min: 0.00
Mean: 89.78
Max: 840.00
Std. Dev.: 81.28
Skew: 3.04

Value	Label	Freq.	Percent
0		1	0.1%
2		1	0.1%
3		2	0.3%
5		2	0.3%
10		11	1.6%
All other values		650	95.7%

Percentiles:

10%	25%	50%	75%	90%
30	40	60	60	180

Name: TB_PLANTIME_V2
Type: Numeric
Variable label: Teacher how long spent planning for lesson 2
Unique values: 44
Missing values: 33
Min: 0.00
Mean: 84.30
Max: 600.00
Std. Dev.: 76.29
Skew: 2.70

Value	Label	Freq.	Percent
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0	1	0.1%
2	2	0.3%
3	1	0.1%
5	5	0.7%
10	12	1.8%
All other values	657	96.8%

Percentiles:				
10%	25%	50%	75%	90%
20	35	60	60	180

Name:	TB_CLARITY		
Type:	Numeric		
Variable label:	Teacher Clarity of Own Instruction (Post)		
Unique values:	15		
Missing values:	30		
Min:	1.25		
Mean:	3.26		
Max:	4.00		
Std. Dev.:	0.53		
Skew:	-0.60		
Value	Label	Freq.	Percent
1.25		1	0.1%
1.5		2	0.3%
1.75		2	0.3%
2		14	2.1%
2.25		27	4.0%
All other values		603	88.8%

Percentiles:				
10%	25%	50%	75%	90%
2.5	3	3.25	3.25	4

Name:	TB_COACT		
Type:	Numeric		
Variable label:	Teacher Cognitive Activation (Post)		
Unique values:	15		
Missing values:	31		
Min:	1.25		
Mean:	2.61		

Max: 4.00
Std. Dev.: 0.60
Skew: 0.07

Value	Label	Freq.	Percent
1.25		10	1.5%
1.5		21	3.1%
1.75		40	5.9%
2		76	11.2%
2.25		88	13.0%
All other values		339	49.9%

Percentiles:

10%	25%	50%	75%	90%
1.75	2.25	2.5	2.5	3.5

Name: TB_DISCOURSE
Type: Numeric
Variable label: Teacher Discourse (Post)
Unique values: 13
Missing values: 31
Min: 1.00
Mean: 2.92
Max: 4.00
Std. Dev.: 0.65
Skew: -0.18

Value	Label	Freq.	Percent
1		2	0.3%
1.333333		8	1.2%
1.666667		23	3.4%
2		49	7.2%
2.333333		90	13.3%
All other values		506	74.5%

Percentiles:

10%	25%	50%	75%	90%
2	2.333333	3	3	4

Name: TB_EXPL_PROC
Type: Numeric
Variable label: Teacher Explains Procedures (Post)

Unique values: 12
 Missing values: 33
 Min: 1.00
 Mean: 2.99
 Max: 4.00
 Std. Dev.: 0.65
 Skew: -0.38

Value	Label	Freq.	Percent
1		4	0.6%
1.333333		7	1.0%
1.666667		19	2.8%
2		47	6.9%
2.333333		61	9.0%
All other values		458	67.5%

Percentiles:

10%	25%	50%	75%	90%
2	2.666667	3	3	4

Name: TB_MEANING
Type: Numeric
Variable label: Teacher Focus on Meaning (Post)
 Unique values: 14
 Missing values: 33
 Min: 1.25
 Mean: 3.01
 Max: 4.00
 Std. Dev.: 0.60
 Skew: -0.23

Value	Label	Freq.	Percent
1.25		2	0.3%
1.5		8	1.2%
1.75		11	1.6%
2		33	4.9%
2.25		43	6.3%
All other values		527	77.6%

Percentiles:

10%	25%	50%	75%	90%
2.25	2.75	3	3	3.75

Name: TB_ADAPT
Type: Numeric
Variable label: Teacher Adaption of Instruction (Post)
Unique values: 15
Missing values: 32
Min: 1.80
Mean: 3.22
Max: 4.00
Std. Dev.: 0.42
Skew: -0.07

Value	Label	Freq.	Percent
1.8		1	0.1%
2		3	0.4%
2.2		3	0.4%
2.4		18	2.7%
2.6		31	4.6%
All other values		622	91.6%

Percentiles:				
10%	25%	50%	75%	90%
2.8	3	3.2	3.2	3.8

Name: TB_CLASSMAN
Type: Numeric
Variable label: Teacher Classroom Management (Post)
Unique values: 32
Missing values: 31
Min: 2.00
Mean: 3.28
Max: 4.00
Std. Dev.: 0.41
Skew: -0.20

Value	Label	Freq.	Percent
2		2	0.3%
2.1		1	0.1%
2.2		3	0.4%
2.3		5	0.7%
2.4		5	0.7%
All other values		654	96.3%

Percentiles:				
10%	25%	50%	75%	90%
2.8	3	3.3	3.3	3.8

Name:	TB_CM_TEACHMAN		
Type:	Numeric		
Variable label:	Teacher Classroom Management - Teacher Management (Post)		
Unique values:	12		
Missing values:	31		
Min:	1.00		
Mean:	3.36		
Max:	4.00		
Std. Dev.:	0.64		
Skew:	-0.84		

Value	Label	Freq.	Percent
1		2	0.3%
1.333333		4	0.6%
1.666667		14	2.1%
2		16	2.4%
2.333333		18	2.7%
All other values		624	91.9%

Percentiles:				
10%	25%	50%	75%	90%
2.666667	3	3.333333	3.333333	4

Name:	TB_TESUP		
Type:	Numeric		
Variable label:	Teacher Support (Post)		
Unique values:	8		
Missing values:	32		
Min:	2.00		
Mean:	3.34		
Max:	4.00		
Std. Dev.:	0.46		
Skew:	0.07		

Value	Label	Freq.	Percent
2		1	0.1%
2.333333		14	2.1%
2.666667		45	6.6%
3		229	33.7%
3.333333		119	17.5%
All other values		178	26.2%

Percentiles:					
	10%	25%	50%	75%	90%
	3	3	3.333333	3.333333	4

Name:	TB_SUPCOM				
Type:	Numeric				
Variable label:	Teacher Perceived Support for Competence (Post)				
Unique values:	12				
Missing values:	33				
Min:	1.50				
Mean:	3.31				
Max:	4.00				
Std. Dev.:	0.52				
Skew:	-0.37				
Value	Label	Freq.	Percent		
1.5		2	0.3%		
1.75		3	0.4%		
2		9	1.3%		
2.25		14	2.1%		
2.5		24	3.5%		
All other values		588	86.6%		

Percentiles:					
	10%	25%	50%	75%	90%
	2.75	3	3.25	3.25	4

Name:	TB_SUPAUT				
Type:	Numeric				
Variable label:	Teacher Perceived Support for Autonomy (Post)				
Unique values:	11				
Missing values:	32				
Min:	2.00				
Mean:	3.24				
Max:	4.00				
Std. Dev.:	0.46				
Skew:	0.04				
Value	Label	Freq.	Percent		
2		4	0.6%		
2.25		11	1.6%		
2.5		30	4.4%		
2.75		87	12.8%		

3	171	25.2%
All other values	274	40.4%

Percentiles:

10%	25%	50%	75%	90%
2.75	3	3.25	3.25	4

Name: TB_REL_STUDTEACH
Type: Numeric
Variable label: Teacher-Student Relationship (Post)
Unique values: 13
Missing values: 32
Min: 2.00
Mean: 3.53
Max: 4.00
Std. Dev.: 0.46
Skew: -0.43

Value	Label	Freq.	Percent
2		1	0.1%
2.2		1	0.1%
2.4		2	0.3%
2.6		17	2.5%
2.8		18	2.7%
All other values		498	73.3%

Percentiles:

10%	25%	50%	75%	90%
3	3	3.6	3.6	4

Name: TB_CM_DISRUPT
Type: Numeric
Variable label: Teacher Classroom Disruptions (Post)
Unique values: 12
Missing values: 31
Min: 1.00
Mean: 3.36
Max: 4.00
Std. Dev.: 0.64
Skew: -0.84

Value	Label	Freq.	Percent
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1	2	0.3%
1.333333	4	0.6%
1.666667	14	2.1%
2	16	2.4%
2.333333	18	2.7%
All other values	624	91.9%

Percentiles:				
10%	25%	50%	75%	90%
2.666667	3	3.333333	3.333333	4

Name:	TB_ASSESS_OWN		
Type:	Numeric		
Variable label:	Teacher Assessment: Own Assessment (Post)		
Unique values:	3		
Missing values:	36		
Min:	0.00		
Mean:	0.84		
Max:	1.00		
Std. Dev.:	0.36		
Skew:	-1.88		
Value	Label	Freq.	Percent
0		101	14.9%
1		542	79.8%
.		36	5.3%

Percentiles:				
10%	25%	50%	75%	90%
0	1	1	1	1

Name:	TB_ASSESS_CHECK		
Type:	Numeric		
Variable label:	Teacher Assessment: Checking by Questions (Post)		
Unique values:	3		
Missing values:	33		
Min:	0.00		
Mean:	0.79		
Max:	1.00		
Std. Dev.:	0.41		
Skew:	-1.43		

Value	Label	Freq.	Percent
0		135	19.9%
1		511	75.3%
.		33	4.9%

Percentiles:

10%	25%	50%	75%	90%
0	1	1	1	1

Name: TB_ASSESS_SELFEV
Type: Numeric
Variable label: Teacher Assessment: Self-Evaluation (Post)
Unique values: 3
Missing values: 33
Min: 0.00
Mean: 0.59
Max: 1.00
Std. Dev.: 0.49
Skew: -0.35

Value	Label	Freq.	Percent
0		267	39.3%
1		379	55.8%
.		33	4.9%

Percentiles:

10%	25%	50%	75%	90%
0	0	1	1	1

Name: TB_ASSESS_OBS
Type: Numeric
Variable label: Teacher Assessment: Teacher Observation (Post)
Unique values: 3
Missing values: 31
Min: 0.00
Mean: 0.93
Max: 1.00
Std. Dev.: 0.26
Skew: -3.25

Value	Label	Freq.	Percent
0		48	7.1%

1	600	88.4%
.	31	4.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	1

Name: TB_HOMEWORK
Type: Numeric
Variable label: Teacher Frequency of Homework Assignment (Post)
Unique values: 5
Missing values: 30
Min: 1.00
Mean: 2.74
Max: 4.00
Std. Dev.: 0.91
Skew: -0.23

Value	Label	Freq.	Percent
1		62	9.1%
2		189	27.8%
3		253	37.3%
4		145	21.4%
.		30	4.4%

Percentiles:

10%	25%	50%	75%	90%
2	2	3	3	4

Name: TB_ENTHUSTEACH
Type: Numeric
Variable label: Teacher Enthusiasm for Teaching (Post)
Unique values: 11
Missing values: 31
Min: 1.00
Mean: 3.49
Max: 4.00
Std. Dev.: 0.50
Skew: -0.62

Value	Label	Freq.	Percent
1		2	0.3%

2	1	0.1%
2.25	4	0.6%
2.5	9	1.3%
2.75	27	4.0%
All other values	445	65.5%

Percentiles:

10%	25%	50%	75%	90%
3	3	3.5	3.5	4

Name: TB_SELFEFF
Type: Numeric
Variable label: Teacher Self Efficacy (Post)
Unique values: 36
Missing values: 32
Min: 1.92
Mean: 3.10
Max: 4.00
Std. Dev.: 0.48
Skew: 0.00

Value	Label	Freq.	Percent
1.916667		3	0.4%
2		3	0.4%
2.083333		3	0.4%
2.166667		9	1.3%
2.181818		1	0.1%
All other values		653	96.2%

Percentiles:

10%	25%	50%	75%	90%
2.5	2.75	3.083333	3.083333	3.833333

Name: TB_SELFEFF_ENG
Type: Numeric
Variable label: Teacher Self-Efficacy in Stud. Engagement (Post)
Unique values: 13
Missing values: 32
Min: 1.50
Mean: 2.93
Max: 4.00

Std. Dev.: 0.62
Skew: -0.02

Value	Label	Freq.	Percent
1.5		3	0.4%
1.75		26	3.8%
2		55	8.1%
2.25		48	7.1%
2.5		67	9.9%
All other values		479	70.5%

Percentiles:

10%	25%	50%	75%	90%
2	2.5	3	3	3.75

Name: TB_SELFEFF_INST
Type: Numeric
Variable label: Teacher Self-Efficacy in Instruction (Post)
Unique values: 12
Missing values: 32
Min: 1.50
Mean: 3.07
Max: 4.00
Std. Dev.: 0.56
Skew: -0.06

Value	Label	Freq.	Percent
1.5		2	0.3%
1.75		6	0.9%
2		23	3.4%
2.25		45	6.6%
2.5		61	9.0%
All other values		435	64.1%

Percentiles:

10%	25%	50%	75%	90%
2.25	2.75	3	3	4

Name: TB_SELFEFF_CLASSMAN
Type: Numeric
Variable label: Teacher Self-Efficacy in Classroom Management (Post)
Unique values: 17

Missing values: 32
 Min: 1.00
 Mean: 3.32
 Max: 4.00
 Std. Dev.: 0.57
 Skew: -0.64

Value	Label	Freq.	Percent
1		1	0.1%
1.25		2	0.3%
1.5		1	0.1%
1.75		1	0.1%
2		17	2.5%
All other values		639	94.1%

Percentiles:

10%	25%	50%	75%	90%
2.5	3	3.25	3.25	4

Name: TB_ENJOY
 Type: Numeric
 Variable label: Teacher Enjoyment (Post)
 Unique values: 10
 Missing values: 34
 Min: 2.00
 Mean: 3.41
 Max: 4.00
 Std. Dev.: 0.50
 Skew: -0.29

Value	Label	Freq.	Percent
2		4	0.6%
2.25		6	0.9%
2.5		30	4.4%
2.75		39	5.7%
3		159	23.4%
All other values		362	53.3%

Percentiles:

10%	25%	50%	75%	90%
2.75	3	3.5	3.5	4

Name: TB_ANGER
Type: Numeric
Variable label: Teacher Anger (Post)
Unique values: 13
Missing values: 34
Min: 1.00
Mean: 1.53
Max: 3.75
Std. Dev.: 0.54
Skew: 0.85

Value	Label	Freq.	Percent
1		230	33.9%
1.25		80	11.8%
1.333333		2	0.3%
1.5		81	11.9%
1.75		66	9.7%
All other values		114	16.8%

Percentiles:

10%	25%	50%	75%	90%
1	1	1.5	1.5	2.25

Name: TB_ANXIETY
Type: Numeric
Variable label: Teacher Anxiety (Post)
Unique values: 17
Missing values: 34
Min: 1.00
Mean: 1.67
Max: 3.75
Std. Dev.: 0.57
Skew: 0.72

Value	Label	Freq.	Percent
1		141	20.8%
1.25		104	15.3%
1.333333		2	0.3%
1.5		86	12.7%
1.666667		1	0.1%
All other values		274	40.4%

Percentiles:

10%	25%	50%	75%	90%
1	1.25	1.5	1.5	2.5

Name:	TB_REACTIVITY				
Type:	Numeric				
Variable label:	Teacher Reactivity to Videographing (Post)				
Unique values:	38				
Missing values:	32				
Min:	2.54				
Mean:	3.35				
Max:	4.85				
Std. Dev.:	0.36				
Skew:	1.19				
Value	Label	Freq.	Percent		
2.538461		2	0.3%		
2.615385		1	0.1%		
2.692308		2	0.3%		
2.714286		1	0.1%		
2.769231		7	1.0%		
All other values		656	96.6%		
Percentiles:					
	10%	25%	50%	75%	90%
	3	3.076923	3.307692	3.307692	3.846154

Name:	TB_TYPVID1			
Type:	Numeric			
Variable label:	Teacher Lesson 1 - How would you describe the recorded lesson as a whole?			
Unique values:	5			
Missing values:	32			
Min:	1.00			
Mean:	3.29			
Max:	4.00			
Std. Dev.:	0.65			
Skew:	-0.63			
Value	Label	Freq.	Percent	
1	Absolutely not typical	8	1.2%	
2	Not typical	45	6.6%	
3	For the most part typical	348	51.3%	
4	Very typical	246	36.2%	
.		32	4.7%	

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TB_TYPVID2
Type: Numeric
Variable label: Teacher Lesson 2 - How would you describe the recorded lesson as a whole?
Unique values: 5
Missing values: 33
Min: 1.00
Mean: 3.30
Max: 4.00
Std. Dev.: 0.66
Skew: -0.67

Value	Label	Freq.	Percent
1	Absolutely not typical	8	1.2%
2	Not typical	48	7.1%
3	For the most part typical	333	49.0%
4	Very typical	257	37.8%
.		33	4.9%

Percentiles:

10%	25%	50%	75%	90%
3	3	3	3	4

Name: TB_GOALACHIEV
Type: Numeric
Variable label: Teacher Goals Achieved on Quadratic Equations Lessons (Post)
Unique values: 15
Missing values: 32
Min: 6.00
Mean: 13.87
Max: 20.00
Std. Dev.: 2.44
Skew: 0.09

Value	Label	Freq.	Percent
6		2	0.3%
8		3	0.4%
9		11	1.6%
10		47	6.9%

11	49	7.2%
All other values	504	74.2%

Percentiles:

10%	25%	50%	75%	90%
11	12	14	14	17

Name: TB_KNOWLEDGE

Type: Numeric
Variable label: Teacher knowledge as used in practice (Post)
Unique values: 6
Missing values: 27
Min: 0.00
Mean: 1.53
Max: 4.00
Std. Dev.: 1.08
Skew: 0.19

Value	Label	Freq.	Percent
0		132	19.4%
1		190	28.0%
2		200	29.5%
3		110	16.2%
4		20	2.9%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
0	1	2	2	3

Name: TB_DESIRABILITY

Type: Numeric
Variable label: Teacher Social Desirability (Post)
Unique values: 8
Missing values: 36
Min: 0.00
Mean: 0.71
Max: 1.00
Std. Dev.: 0.31
Skew: -0.74

Value	Label	Freq.	Percent
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0	35	5.2%
.25	70	10.3%
.3333333	1	0.1%
.5	124	18.3%
.6666667	2	0.3%
All other values	298	43.9%

Percentiles:				
10%	25%	50%	75%	90%
.25	.5	.75	.75	1

Name:	VDOMAIN_CLASSMAN		
Type:	Numeric		
Variable label:	Classroom Management (V)		
Unique values:	160		
Missing values:	1		
Min:	2.61		
Mean:	3.68		
Max:	4.00		
Std. Dev.:	0.21		
Skew:	-1.25		
Value	Label	Freq.	Percent
2.6125		1	0.1%
2.8		1	0.1%
2.816667		1	0.1%
2.916667		1	0.1%
2.979167		1	0.1%
All other values		673	99.1%

Percentiles:				
10%	25%	50%	75%	90%
3.383333	3.583333	3.722222	3.722222	3.888889

Name:	VDOMAIN_SOCIALEMO		
Type:	Numeric		
Variable label:	Social-Emotional Support (V)notes COUNTRY: Country		
Unique values:	189		
Missing values:	1		
Min:	1.97		
Mean:	2.96		

Max: 3.96
 Std. Dev.: 0.38
 Skew: 0.10

Value	Label	Freq.	Percent
1.966667		1	0.1%
2		1	0.1%
2.041667		1	0.1%
2.083333		1	0.1%
2.125		1	0.1%
All other values		673	99.1%

Percentiles:

10%	25%	50%	75%	90%
2.479167	2.675	2.933482	2.933482	3.5

Name: VDOMAIN_INSTRUCT

Type: Numeric
 Variable label: Instruction (V)
 Unique values: 351
 Missing values: 1
 Min: 1.27
 Mean: 2.02
 Max: 3.18
 Std. Dev.: 0.29
 Skew: 0.23

Value	Label	Freq.	Percent
1.265152		1	0.1%
1.300758		1	0.1%
1.329545		1	0.1%
1.340909		2	0.3%
1.348485		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
1.638636	1.823864	2.022727	2.022727	2.393939

Name: VDOMAIN_AR

Type: Numeric
 Variable label: Assessment of Student Understanding (V)

Unique values: 230
 Missing values: 1
 Min: 1.22
 Mean: 2.43
 Max: 3.50
 Std. Dev.: 0.36
 Skew: -0.35

Value	Label	Freq.	Percent
1.222222		1	0.1%
1.388889		1	0.1%
1.416667		1	0.1%
1.430556		1	0.1%
1.443452		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
1.944444	2.194444	2.472222	2.472222	2.861111

Name: VDOMAIN_CE
 Type: Numeric
 Variable label: Cognitive Engagement (V)
 Unique values: 228
 Missing values: 1
 Min: 1.00
 Mean: 1.69
 Max: 3.33
 Std. Dev.: 0.36
 Skew: 0.99

Value	Label	Freq.	Percent
1		1	0.1%
1.033333		1	0.1%
1.055556		1	0.1%
1.056548		1	0.1%
1.0625		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
1.277778	1.436111	1.638889	1.638889	2.166667

Name: VDOMAIN_CM
Type: Numeric
Variable label: Classroom Management (V)
Unique values: 160
Missing values: 1
Min: 2.61
Mean: 3.68
Max: 4.00
Std. Dev.: 0.21
Skew: -1.25

Value	Label	Freq.	Percent
2.6125		1	0.1%
2.8		1	0.1%
2.816667		1	0.1%
2.916667		1	0.1%
2.979167		1	0.1%
All other values		673	99.1%

Percentiles:

10%	25%	50%	75%	90%
3.383333	3.583333	3.722222	3.722222	3.888889

Name: VDOMAIN_DC
Type: Numeric
Variable label: Discourse (V)
Unique values: 223
Missing values: 1
Min: 1.25
Mean: 2.24
Max: 3.39
Std. Dev.: 0.34
Skew: -0.05

Value	Label	Freq.	Percent
1.25		1	0.1%
1.347222		1	0.1%
1.388889		1	0.1%
1.413889		1	0.1%
1.416667		2	0.3%
All other values		671	98.8%

Percentiles:

10%	25%	50%	75%	90%
1.803571	2.027778	2.25	2.25	2.666667

Name:	VDOMAIN_QS			
Type:	Numeric			
Variable label:	Quality of Subject Matter (V)			
Unique values:	157			
Missing values:	1			
Min:	1.00			
Mean:	1.59			
Max:	2.96			
Std. Dev.:	0.34			
Skew:	0.64			

Value	Label	Freq.	Percent	
1		5	0.7%	
1.041667		3	0.4%	
1.05		1	0.1%	
1.05625		1	0.1%	
1.0625		4	0.6%	
All other values		664	97.8%	

Percentiles:					
	10%	25%	50%	75%	90%
	1.208333	1.333333	1.541667	1.541667	2.052083

Name:	VDOMAIN_SE			
Type:	Numeric			
Variable label:	Social-Emotional Support (V)			
Unique values:	189			
Missing values:	1			
Min:	1.97			
Mean:	2.96			
Max:	3.96			
Std. Dev.:	0.38			
Skew:	0.10			

Value	Label	Freq.	Percent	
1.966667		1	0.1%	
2		1	0.1%	
2.041667		1	0.1%	
2.083333		1	0.1%	
2.125		1	0.1%	
All other values		673	99.1%	

Percentiles:

10%	25%	50%	75%	90%
2.479167	2.675	2.933482	2.933482	3.5

Name: VDOMAIN_TOT

Type: Numeric

Variable label: Total (V)

Unique values: 391

Missing values: 1

Min: 1.77

Mean: 2.45

Max: 3.41

Std. Dev.: 0.25

Skew: 0.12

Value	Label	Freq.	Percent
1.765625		1	0.1%
1.767969		1	0.1%
1.8375		1	0.1%
1.859375		1	0.1%
1.867188		1	0.1%
All other values		673	99.1%

Percentiles:

10%	25%	50%	75%	90%
2.13151	2.291667	2.442708	2.442708	2.755208

Name: VCOMP_AR1ES

Type: Numeric

Variable label: Eliciting Student Feedback (V)

Unique values: 137

Missing values: 1

Min: 1.25

Mean: 2.62

Max: 3.83

Std. Dev.: 0.43

Skew: -0.09

Value	Label	Freq.	Percent
1.25		1	0.1%
1.375		1	0.1%
1.416667		1	0.1%
1.464286		1	0.1%

1.473214	1	0.1%
All other values	671	98.8%

Percentiles:

10%	25%	50%	75%	90%
2.0625	2.333333	2.625	2.625	3.166667

Name: VCOMP_AR2TF
Type: Numeric
Variable label: Teacher Feedback (V)
Unique values: 134
Missing values: 1
Min: 1.00
Mean: 1.87
Max: 3.23
Std. Dev.: 0.40
Skew: 0.23

Value	Label	Freq.	Percent
1		3	0.4%
1.05		1	0.1%
1.0625		2	0.3%
1.083333		4	0.6%
1.125		6	0.9%
All other values		662	97.5%

Percentiles:

10%	25%	50%	75%	90%
1.333333	1.583333	1.852083	1.852083	2.416667

Name: VCOMP_AR3AI
Type: Numeric
Variable label: Aligning Instruction (V)
Unique values: 152
Missing values: 1
Min: 1.25
Mean: 2.80
Max: 4.00
Std. Dev.: 0.47
Skew: -0.40

Value	Label	Freq.	Percent
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1.25		1	0.1%
1.416667		2	0.3%
1.483333		1	0.1%
1.5		2	0.3%
1.541667		1	0.1%
All other values		671	98.8%

Percentiles:

10%	25%	50%	75%	90%
2.166667	2.5	2.833333	2.833333	3.416667

Name: VCOMP_CE1DS
Type: Numeric
Variable label: Engagement in Cognitively Demanding Subject Matter (V)
Unique values: 132
Missing values: 1
Min: 1.00
Mean: 1.79
Max: 3.58
Std. Dev.: 0.54
Skew: 0.77

Value	Label	Freq.	Percent
1		30	4.4%
1.035714		2	0.3%
1.05		3	0.4%
1.0625		4	0.6%
1.083333		9	1.3%
All other values		628	92.5%

Percentiles:

10%	25%	50%	75%	90%
1.166667	1.333333	1.729167	1.729167	2.5

Name: VCOMP_CE2MA
Type: Numeric
Variable label: Multiple Approaches (V)
Unique values: 80
Missing values: 1
Min: 1.00
Mean: 1.34

Max: 3.17
Std. Dev.: 0.39
Skew: 1.59

Value	Label	Freq.	Percent
1		172	25.3%
1.03125		1	0.1%
1.041667		1	0.1%
1.05		9	1.3%
1.0625		16	2.4%
All other values		429	63.2%

Percentiles:

10%	25%	50%	75%	90%
1	1	1.25	1.25	1.875

Name: VCOMP_CE3US
Type: Numeric
Variable label: Understanding of Subject Matter (V)
Unique values: 141
Missing values: 1
Min: 1.00
Mean: 1.93
Max: 3.44
Std. Dev.: 0.43
Skew: 0.35

Value	Label	Freq.	Percent
1		3	0.4%
1.0625		1	0.1%
1.083333		5	0.7%
1.1		1	0.1%
1.125		4	0.6%
All other values		664	97.8%

Percentiles:

10%	25%	50%	75%	90%
1.416667	1.625	1.916667	1.916667	2.5

Name: VCOMP_CM1RT
Type: Numeric
Variable label: Routines (V)

Unique values: 94
 Missing values: 1
 Min: 2.09
 Mean: 3.77
 Max: 4.00
 Std. Dev.: 0.28
 Skew: -1.79

Value	Label	Freq.	Percent
2.0875		1	0.1%
2.6		1	0.1%
2.625		1	0.1%
2.65		1	0.1%
2.75		1	0.1%
All other values		673	99.1%

Percentiles:

10%	25%	50%	75%	90%
3.395833	3.666667	3.85	3.85	4

Name: VCOMP_CM2MN
 Type: Numeric
 Variable label: Monitoring (V)
 Unique values: 124
 Missing values: 1
 Min: 1.81
 Mean: 3.35
 Max: 4.00
 Std. Dev.: 0.38
 Skew: -0.69

Value	Label	Freq.	Percent
1.8125		1	0.1%
1.95		1	0.1%
2		2	0.3%
2.083333		1	0.1%
2.15		1	0.1%
All other values		671	98.8%

Percentiles:

10%	25%	50%	75%	90%
2.875	3.125	3.379167	3.379167	3.833333

Name:	VCOMP_CM3DS				
Type:	Numeric				
Variable label:	Disruptions (V)				
Unique values:	47				
Missing values:	1				
Min:	2.92				
Mean:	3.91				
Max:	4.00				
Std. Dev.:	0.15				
Skew:	-2.54				
Value	Label	Freq.	Percent		
2.916667		1	0.1%		
3		1	0.1%		
3.1		1	0.1%		
3.166667		1	0.1%		
3.229167		1	0.1%		
All other values		673	99.1%		
Percentiles:					
	10%	25%	50%	75%	90%
	3.7	3.875	4	4	4

Name:	VCOMP_DC1ND				
Type:	Numeric				
Variable label:	Nature of Discourse (V)				
Unique values:	158				
Missing values:	1				
Min:	1.00				
Mean:	2.25				
Max:	3.83				
Std. Dev.:	0.53				
Skew:	0.12				
Value	Label	Freq.	Percent		
1		5	0.7%		
1.0625		1	0.1%		
1.083333		2	0.3%		
1.125		2	0.3%		
1.166667		1	0.1%		
All other values		667	98.2%		
Percentiles:					
	10%	25%	50%	75%	90%
	1.583333	1.9	2.25	2.25	2.916667

Name:	VCOMP_DC2QT			
Type:	Numeric			
Variable label:	Questioning (V)			
Unique values:	144			
Missing values:	1			
Min:	1.08			
Mean:	2.27			
Max:	3.58			
Std. Dev.:	0.44			
Skew:	-0.09			

Value	Label	Freq.	Percent	
1.083333		1	0.1%	
1.1		1	0.1%	
1.125		1	0.1%	
1.166667		3	0.4%	
1.1875		1	0.1%	
All other values		671	98.8%	

Percentiles:				
10%	25%	50%	75%	90%
1.666667	2	2.291667	2.291667	2.833333

Name:	VCOMP_DC3EP			
Type:	Numeric			
Variable label:	Explanations (V)			
Unique values:	128			
Missing values:	1			
Min:	1.25			
Mean:	2.21			
Max:	3.52			
Std. Dev.:	0.36			
Skew:	0.08			

Value	Label	Freq.	Percent	
1.25		2	0.3%	
1.291667		1	0.1%	
1.375		2	0.3%	
1.416667		4	0.6%	
1.425		1	0.1%	
All other values		668	98.4%	

Percentiles:

10%	25%	50%	75%	90%
1.75	1.95	2.1875	2.1875	2.666667

Name: VCOMP_QS1EC
Type: Numeric
Variable label: Explicit Connections (V)
Unique values: 130
Missing values: 1
Min: 1.00
Mean: 1.71
Max: 3.67
Std. Dev.: 0.45
Skew: 0.88

Value	Label	Freq.	Percent
1		18	2.7%
1.0625		4	0.6%
1.083333		13	1.9%
1.1		2	0.3%
1.125		9	1.3%
All other values		629	92.6%

Percentiles:

10%	25%	50%	75%	90%
1.166667	1.375	1.666667	1.666667	2.333333

Name: VCOMP_QS2PG
Type: Numeric
Variable label: Explicit Patterns and Generalizations (V)
Unique values: 90
Missing values: 1
Min: 1.00
Mean: 1.47
Max: 3.21
Std. Dev.: 0.48
Skew: 1.28

Value	Label	Freq.	Percent
1		96	14.1%
1.035714		1	0.1%
1.041667		2	0.3%
1.05		9	1.3%

1.0625	7	1.0%
All other values	527	77.6%

Percentiles:

10%	25%	50%	75%	90%
1	1.125	1.333333	1.333333	2.25

Name: VCOMP_QS3CT

Type: Numeric

Variable label: Clarity (V)

Unique values: 114

Missing values: 1

Min: 2.42

Mean: 3.40

Max: 4.00

Std. Dev.: 0.31

Skew: -0.42

Value	Label	Freq.	Percent
2.416667		1	0.1%
2.4375		2	0.3%
2.5		2	0.3%
2.541667		1	0.1%
2.583333		5	0.7%
All other values		667	98.2%

Percentiles:

10%	25%	50%	75%	90%
3	3.1875	3.416667	3.416667	3.75

Name: VCOMP_SE1RP

Type: Numeric

Variable label: Respect (V)

Unique values: 96

Missing values: 1

Min: 2.03

Mean: 3.45

Max: 4.00

Std. Dev.: 0.34

Skew: -0.39

Value	Label	Freq.	Percent
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2.033333	1	0.1%
2.475	1	0.1%
2.5	5	0.7%
2.583333	1	0.1%
2.616667	1	0.1%
All other values	669	98.5%

Percentiles:

10%	25%	50%	75%	90%
3	3.233333	3.48125	3.48125	3.916667

Name: VCOMP_SE2EW
Type: Numeric
Variable label: Encouragement and Warmth (V)
Unique values: 160
Missing values: 1
Min: 1.08
Mean: 2.47
Max: 4.00
Std. Dev.: 0.57
Skew: 0.11

Value	Label	Freq.	Percent
1.083333		2	0.3%
1.1		1	0.1%
1.2125		1	0.1%
1.233333		1	0.1%
1.25		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
1.75	2.083333	2.416667	2.416667	3.25

Name: VCOMP_SE3RT
Type: Numeric
Variable label: Risk-taking (V)
Unique values: 160
Missing values: 1
Min: 1.08
Mean: 2.70

Max: 4.00
Std. Dev.: 0.62
Skew: -0.39

Value	Label	Freq.	Percent
1.083333		1	0.1%
1.166667		2	0.3%
1.25		7	1.0%
1.291667		1	0.1%
1.333333		2	0.3%
All other values		665	97.9%

Percentiles:

10%	25%	50%	75%	90%
1.833333	2.291667	2.75	2.75	3.4375

Name: VCOMP_TOTC
Type: Numeric
Variable label: Total component score
Unique values: 394
Missing values: 1
Min: 1.82
Mean: 2.52
Max: 3.44
Std. Dev.: 0.23
Skew: 0.11

Value	Label	Freq.	Percent
1.819444		1	0.1%
1.834722		1	0.1%
1.922222		1	0.1%
1.942593		1	0.1%
1.953704		1	0.1%
All other values		673	99.1%

Percentiles:

10%	25%	50%	75%	90%
2.222222	2.368056	2.506944	2.506944	2.805556

Name: VIND_CM1TTLES
Type: Numeric
Variable label: Time on Task (LES)

Unique values: 193
 Missing values: 1
 Min: 2.82
 Mean: 3.83
 Max: 4.00
 Std. Dev.: 0.16
 Skew: -1.64

Value	Label	Freq.	Percent
2.81875		1	0.1%
2.973214		1	0.1%
3.183333		1	0.1%
3.208333		1	0.1%
3.242857		1	0.1%
All other values		670	98.7%

Percentiles:

10%	25%	50%	75%	90%
3.613095	3.75	3.875	3.875	4

Name: VIND_SE2RPLES
Type: Numeric
Variable label: Requests for Public Sharing (LES)
 Unique values: 314
 Missing values: 1
 Min: 1.00
 Mean: 1.97
 Max: 3.00
 Std. Dev.: 0.36
 Skew: 0.32

Value	Label	Freq.	Percent
1		2	0.3%
1.068182		1	0.1%
1.075		1	0.1%
1.107143		1	0.1%
1.166667		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
1.527273	1.72619	1.95	1.95	2.5

Name:	VIND_QS1ELLES			
Type:	Numeric			
Variable label:	Explicit Learning Goals (LES)			
Unique values:	168			
Missing values:	1			
Min:	1.00			
Mean:	2.34			
Max:	3.00			
Std. Dev.:	0.46			
Skew:	-0.30			
Value	Label	Freq.	Percent	
1		4	0.6%	
1.2		1	0.1%	
1.214286		2	0.3%	
1.25		6	0.9%	
1.285714		1	0.1%	
All other values		663	97.6%	
Percentiles:				
10%	25%	50%	75%	90%
1.75	2	2.35	2.35	3

Name:	VIND_QS2ACLES			
Type:	Numeric			
Variable label:	Accuracy (LES)			
Unique values:	119			
Missing values:	1			
Min:	2.19			
Mean:	2.91			
Max:	3.00			
Std. Dev.:	0.12			
Skew:	-2.42			
Value	Label	Freq.	Percent	
2.194444		1	0.1%	
2.220833		1	0.1%	
2.25		1	0.1%	
2.285714		1	0.1%	
2.375		2	0.3%	
All other values		672	99.0%	
Percentiles:				
10%	25%	50%	75%	90%
2.779762	2.875	2.95	2.95	3

Name:	VIND_QS3RWLES			
Type:	Numeric			
Variable label:	Real World Connections (LES)			
Unique values:	122			
Missing values:	1			
Min:	1.00			
Mean:	1.13			
Max:	2.55			
Std. Dev.:	0.23			
Skew:	2.52			

Value	Label	Freq.	Percent	
1		336	49.5%	
1.022727		1	0.1%	
1.025		3	0.4%	
1.027778		6	0.9%	
1.03125		5	0.7%	
All other values		318	46.8%	

Percentiles:					
	10%	25%	50%	75%	90%
	1	1	1.025	1.025	1.425

Name:	VIND_QS4CMLES			
Type:	Numeric			
Variable label:	Connecting Mathematical Topics (LES)			
Unique values:	138			
Missing values:	1			
Min:	1.00			
Mean:	1.13			
Max:	1.80			
Std. Dev.:	0.14			
Skew:	1.48			

Value	Label	Freq.	Percent	
1		171	25.2%	
1.022727		6	0.9%	
1.025		5	0.7%	
1.027778		7	1.0%	
1.03125		7	1.0%	
All other values		462	68.0%	

Percentiles:

10%	25%	50%	75%	90%
1	1	1.083333	1.083333	1.333333

Name: VIND_QS11OPLES
Type: Numeric
Variable label: Organization of Procedural Instruction (LES)
Unique values: 339
Missing values: 1
Min: 1.00
Mean: 2.07
Max: 3.00
Std. Dev.: 0.37
Skew: 0.03

Value	Label	Freq.	Percent
1		1	0.1%
1.083333		2	0.3%
1.15		1	0.1%
1.166667		1	0.1%
1.178571		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
1.59375	1.8	2.055826	2.055826	2.547619

Name: VIND_CE1MTLES
Type: Numeric
Variable label: Metacognition (LES)
Unique values: 79
Missing values: 1
Min: 1.00
Mean: 1.05
Max: 1.62
Std. Dev.: 0.10
Skew: 2.45

Value	Label	Freq.	Percent
1		391	57.6%
1.022727		3	0.4%
1.025		4	0.6%
1.027778		6	0.9%

1.03125	3	0.4%
All other values	249	36.7%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	1.1875

Name: VIND_SE1PSLESNO1

Type: Numeric
 Variable label: Persistence (LESNO1)
 Unique values: 196
 Missing values: 27
 Min: 1.96
 Mean: 2.56
 Max: 4.00
 Std. Dev.: 0.39
 Skew: 0.75

Value	Label	Freq.	Percent
1.9583333		1	0.1%
2		57	8.4%
2.05		1	0.1%
2.0625		4	0.6%
2.0833333		6	0.9%
All other values		609	89.7%

Percentiles:

10%	25%	50%	75%	90%
2.0833333	2.25	2.5	2.5	3.0833333

Name: VIND_CE3TULESNO1

Type: Numeric
 Variable label: Technology for Understanding (LESNO1)
 Unique values: 67
 Missing values: 272
 Min: 1.97
 Mean: 2.18
 Max: 4.00
 Std. Dev.: 0.40
 Skew: 3.17

Value	Label	Freq.	Percent
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1.96875			1	0.1%
1.975			1	0.1%
1.9791667			1	0.1%
2			237	34.9%
2.03125			3	0.4%
All other values			435	64.1%

Percentiles:					
	10%	25%	50%	75%	90%
	2	2	2	2	2.5

Name:	VIND_CM2AWPCT			
Type:	Numeric			
Variable label:	Activity: Whole Group (PCT)			
Unique values:	95			
Missing values:	1			
Min:	0.31			
Mean:	0.94			
Max:	1.00			
Std. Dev.:	0.10			
Skew:	-2.33			

Value	Label	Freq.	Percent
.3106061		1	0.1%
.4965278		1	0.1%
.4977273		1	0.1%
.5243056		1	0.1%
.5694444		1	0.1%
All other values		673	99.1%

Percentiles:					
	10%	25%	50%	75%	90%
	.8	.925	1	1	1

Name:	VIND_CM3ASPCT			
Type:	Numeric			
Variable label:	Activity: Small Group (PCT)			
Unique values:	112			
Missing values:	1			
Min:	0.00			
Mean:	0.12			

Max: 1.00
Std. Dev.: 0.20
Skew: 1.83

Value	Label	Freq.	Percent
0		406	59.8%
.025		1	0.1%
.03125		2	0.3%
.0357143		10	1.5%
.0416667		17	2.5%
All other values		233	34.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	.4444444

Name: VIND_CM4APPCT
Type: Numeric
Variable label: Activity: Pairs (PCT)
Unique values: 84
Missing values: 1
Min: 0.00
Mean: 0.08
Max: 0.84
Std. Dev.: 0.14
Skew: 2.04

Value	Label	Freq.	Percent
0		398	58.6%
.0208333		2	0.3%
.0227273		1	0.1%
.025		2	0.3%
.03125		2	0.3%
All other values		268	39.5%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	.2857143

Name: VIND_CM5AIPCT
Type: Numeric
Variable label: Activity: Individual (PCT)

Unique values: 240
 Missing values: 1
 Min: 0.00
 Mean: 0.51
 Max: 1.00
 Std. Dev.: 0.30
 Skew: -0.14

Value	Label	Freq.	Percent
0		47	6.9%
.0227273		2	0.3%
.0277778		1	0.1%
.0357143		2	0.3%
.0416667		8	1.2%
All other values		617	90.9%

Percentiles:

10%	25%	50%	75%	90%
.0714286	.25	.5269886	.5269886	.9

Name: VIND_SE1PSPCT
 Type: Numeric
 Variable label: Persistence (PCT)
 Unique values: 283
 Missing values: 1
 Min: 0.00
 Mean: 0.39
 Max: 1.00
 Std. Dev.: 0.24
 Skew: 0.31

Value	Label	Freq.	Percent
0		26	3.8%
.0208333		2	0.3%
.0227273		1	0.1%
.025		1	0.1%
.0277778		1	0.1%
All other values		646	95.1%

Percentiles:

10%	25%	50%	75%	90%
.0833333	.2083333	.375	.375	.7166666

Name: VIND_QS6RGPCT
Type: Numeric
Variable label: Types of Representations: Graphs (PCT)
Unique values: 128
Missing values: 1
Min: 0.00
Mean: 0.13
Max: 1.00
Std. Dev.: 0.22
Skew: 1.75

Value	Label	Freq.	Percent
0		398	58.6%
.025		1	0.1%
.0277778		3	0.4%
.03125		3	0.4%
.0357143		7	1.0%
All other values		259	38.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	.5

Name: VIND_QS7RTPCT
Type: Numeric
Variable label: Types of Representations: Tables (PCT)
Unique values: 101
Missing values: 1
Min: 0.00
Mean: 0.10
Max: 0.87
Std. Dev.: 0.17
Skew: 1.90

Value	Label	Freq.	Percent
0		409	60.2%
.0227273		4	0.6%
.025		3	0.4%
.0277778		5	0.7%
.03125		3	0.4%
All other values		246	36.2%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	.3863636

Name:	VIND_QS8RDPCT			
Type:	Numeric			
Variable label:	Types of Representations: Drawings (PCT)			
Unique values:	120			
Missing values:	1			
Min:	0.00			
Mean:	0.15			
Max:	0.97			
Std. Dev.:	0.19			
Skew:	1.37			

Value	Label	Freq.	Percent	
0		257	37.8%	
.0178571		1	0.1%	
.0208333		1	0.1%	
.0227273		4	0.6%	
.025		4	0.6%	
All other values		409	60.2%	

Percentiles:					
	10%	25%	50%	75%	90%
	0	0	.0714286	.0714286	.45

Name:	VIND_QS9REPCT			
Type:	Numeric			
Variable label:	Types of Representations: Equations (PCT)			
Unique values:	71			
Missing values:	1			
Min:	0.45			
Mean:	0.96			
Max:	1.00			
Std. Dev.:	0.08			
Skew:	-2.84			

Value	Label	Freq.	Percent	
.45		1	0.1%	
.5		2	0.3%	
.5178571		1	0.1%	
.5297619		1	0.1%	
.5714286		1	0.1%	
All other values		672	99.0%	

Percentiles:				
10%	25%	50%	75%	90%
.8571429	.95	1	1	1

Name:	VIND_QS10ROPCT		
Type:	Numeric		
Variable label:	Types of Representations: Objects (PCT)		
Unique values:	71		
Missing values:	1		
Min:	0.00		
Mean:	0.04		
Max:	0.75		
Std. Dev.:	0.11		
Skew:	3.25		
Value	Label	Freq.	Percent
0		515	75.8%
.0166667		1	0.1%
.0208333		1	0.1%
.0227273		2	0.3%
.025		3	0.4%
All other values		153	22.5%

Percentiles:				
10%	25%	50%	75%	90%
0	0	0	0	.1666667

Name:	VIND_CE3TUPCT		
Type:	Numeric		
Variable label:	Technology for Understanding (PCT)		
Unique values:	145		
Missing values:	1		
Min:	0.00		
Mean:	0.39		
Max:	1.00		
Std. Dev.:	0.40		
Skew:	0.38		
Value	Label	Freq.	Percent
0		271	39.9%
.0227273		2	0.3%
.025		2	0.3%
.0277778		1	0.1%

.0357143	1	0.1%
All other values	401	59.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	.2842713	.2842713	1

Name: VIND_CEXCT1PCT
Type: Numeric
Variable label: Class Tech - Overhead Projector (PCT)
Unique values: 49
Missing values: 1
Min: 0.00
Mean: 0.03
Max: 0.88
Std. Dev.: 0.11
Skew: 3.94

Value	Label	Freq.	Percent
0		568	83.7%
.0227273		1	0.1%
.025		3	0.4%
.0277778		2	0.3%
.03125		5	0.7%
All other values		95	14.0%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	.1071429

Name: VIND_CEXCT2PCT
Type: Numeric
Variable label: Class Tech - Smartboard (PCT)
Unique values: 134
Missing values: 1
Min: 0.00
Mean: 0.36
Max: 1.00
Std. Dev.: 0.41
Skew: 0.52

Value	Label	Freq.	Percent
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0	319	47.0%
.0227273	1	0.1%
.0357143	1	0.1%
.0384615	1	0.1%
.0416667	1	0.1%
All other values	354	52.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	.125	.125	1

Name:	VIND_CEXCT3PCT
Type:	Numeric
Variable label:	Class Tech - Graphing Calculator (PCT)
Unique values:	12
Missing values:	1
Min:	0.00
Mean:	0.00
Max:	0.54
Std. Dev.:	0.03
Skew:	13.65

Value	Label	Freq.	Percent
0		666	98.1%
.0227273		1	0.1%
.025		1	0.1%
.0277778		1	0.1%
.05		2	0.3%
All other values		6	0.9%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name:	VIND_CEXCT4PCT
Type:	Numeric
Variable label:	Class Tech - Non-Graphing Calculator (PCT)
Unique values:	27
Missing values:	1
Min:	0.00
Mean:	0.01

Max: 0.30
Std. Dev.: 0.03
Skew: 4.87

Value	Label	Freq.	Percent
0		608	89.5%
.0208333		1	0.1%
.0227273		2	0.3%
.025		3	0.4%
.0277778		3	0.4%
All other values		57	8.4%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	.0227273

Name: VIND_CEXCT5PCT
Type: Numeric
Variable label: Class Tech - Computer Laptop (PCT)
Unique values: 27
Missing values: 1
Min: 0.00
Mean: 0.01
Max: 0.33
Std. Dev.: 0.04
Skew: 5.13

Value	Label	Freq.	Percent
0		631	92.9%
.0227273		1	0.1%
.03125		2	0.3%
.0357143		2	0.3%
.0416667		3	0.4%
All other values		36	5.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: VIND_CEXCT6PCT
Type: Numeric
Variable label: Class Tech - Television (PCT)

Unique values: 22
 Missing values: 1
 Min: 0.00
 Mean: 0.01
 Max: 0.71
 Std. Dev.: 0.06
 Skew: 7.77

Value	Label	Freq.	Percent
0		654	96.3%
.0227273		1	0.1%
.03125		1	0.1%
.0416667		2	0.3%
.0833333		1	0.1%
All other values		19	2.8%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: VIND_CEXCT7PCT
 Type: Numeric
 Variable label: Class Tech - Tablet (PCT)
 Unique values: 20
 Missing values: 1
 Min: 0.00
 Mean: 0.01
 Max: 0.54
 Std. Dev.: 0.04
 Skew: 8.89

Value	Label	Freq.	Percent
0		652	96.0%
.03125		1	0.1%
.0357143		3	0.4%
.0416667		1	0.1%
.05		3	0.4%
All other values		17	2.5%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: VIND_CEXCT8PCT
Type: Numeric
Variable label: Class Tech - Cell Phone (PCT)
Unique values: 17
Missing values: 1
Min: 0.00
Mean: 0.00
Max: 0.35
Std. Dev.: 0.03
Skew: 7.69

Value	Label	Freq.	Percent
0		654	96.3%
.025		2	0.3%
.0416667		3	0.4%
.05		3	0.4%
.0625		2	0.3%
All other values		14	2.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: VIND_CEXCT9PCT
Type: Numeric
Variable label: Class Tech - None (PCT)
Unique values: 151
Missing values: 1
Min: 0.00
Mean: 0.60
Max: 1.00
Std. Dev.: 0.41
Skew: -0.36

Value	Label	Freq.	Percent
0		95	14.0%
.0208333		2	0.3%
.0227273		1	0.1%
.0277778		1	0.1%
.03125		1	0.1%
All other values		573	84.4%

Percentiles:

10%	25%	50%	75%	90%
0	.1428571	.7083333	.7083333	1

Name: VIND_CEXST3PCT
Type: Numeric
Variable label: Student Tech - Graphing Calculator (PCT)
Unique values: 26
Missing values: 1
Min: 0.00
Mean: 0.01
Max: 0.93
Std. Dev.: 0.07
Skew: 9.19

Value	Label	Freq.	Percent
0		641	94.4%
.0227273		2	0.3%
.025		1	0.1%
.0277778		2	0.3%
.03125		1	0.1%
All other values		29	4.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: VIND_CEXST4PCT
Type: Numeric
Variable label: Student Tech - Non-Graphing Calculator (PCT)
Unique values: 114
Missing values: 1
Min: 0.00
Mean: 0.10
Max: 0.79
Std. Dev.: 0.17
Skew: 1.73

Value	Label	Freq.	Percent
0		404	59.5%
.0192308		1	0.1%
.0227273		1	0.1%
.025		5	0.7%
.0277778		7	1.0%
All other values		258	38.0%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	.375

Name: VIND_CEXST5PCT
Type: Numeric
Variable label: Student Tech - Computer (PCT)
Unique values: 17
Missing values: 1
Min: 0.00
Mean: 0.01
Max: 1.00
Std. Dev.: 0.08
Skew: 7.18

Value	Label	Freq.	Percent
0		656	96.6%
.0277778		1	0.1%
.1111111		1	0.1%
.1190476		1	0.1%
.1904762		1	0.1%
All other values		18	2.7%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: VIND_CEXST7PCT
Type: Numeric
Variable label: Student Tech - Tablet (PCT)
Unique values: 23
Missing values: 1
Min: 0.00
Mean: 0.02
Max: 1.00
Std. Dev.: 0.09
Skew: 6.90

Value	Label	Freq.	Percent
0		650	95.7%
.0357143		1	0.1%
.0416667		1	0.1%
.0714286		1	0.1%

.1111111	1	0.1%
All other values	24	3.5%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: VIND_CEXST8PCT
Type: Numeric
Variable label: Student Tech - Cell Phone (PCT)
Unique values: 26
Missing values: 1
Min: 0.00
Mean: 0.01
Max: 0.68
Std. Dev.: 0.04
Skew: 10.13

Value	Label	Freq.	Percent
0		639	94.1%
.0227273		2	0.3%
.025		3	0.4%
.0277778		1	0.1%
.03125		3	0.4%
All other values		29	4.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: VIND_CEXST9PCT
Type: Numeric
Variable label: Student Tech - None (PCT)
Unique values: 144
Missing values: 1
Min: 0.00
Mean: 0.86
Max: 1.00
Std. Dev.: 0.21
Skew: -1.57

Value	Label	Freq.	Percent
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0	2	0.3%
.0625	1	0.1%
.0681818	1	0.1%
.1071429	1	0.1%
.1181818	1	0.1%
All other values	672	99.0%

Percentiles:				
10%	25%	50%	75%	90%
.5138889	.75	1	1	1

Name:	VIND_DC1DOMAX		
Type:	Numeric		
Variable label:	Discussing Opportunities (MAX)		
Unique values:	4		
Missing values:	1		
Min:	1.00		
Mean:	1.03		
Max:	1.50		
Std. Dev.:	0.09		
Skew:	3.08		
Value	Label	Freq.	Percent
1		605	89.1%
1.25		65	9.6%
1.5		8	1.2%
.		1	0.1%

Percentiles:				
10%	25%	50%	75%	90%
1	1	1	1	1.25

Name:	VIND_QS3RWMAX		
Type:	Numeric		
Variable label:	Real-World Connections (MAX)		
Unique values:	11		
Missing values:	1		
Min:	1.00		
Mean:	1.34		
Max:	3.00		
Std. Dev.:	0.44		

Skew: 1.30

Value	Label	Freq.	Percent
1		336	49.5%
1.25		96	14.1%
1.5		91	13.4%
1.75		54	8.0%
1.875		1	0.1%
All other values		47	6.9%

Percentiles:

10%	25%	50%	75%	90%
1	1	1.25	1.25	2

Name: VIND_QS4CMMAX

Type: Numeric

Variable label: Connecting Mathematical Topics (MAX)

Unique values: 10

Missing values: 1

Min: 1.00

Mean: 1.44

Max: 2.75

Std. Dev.: 0.38

Skew: 0.73

Value	Label	Freq.	Percent
1		171	25.2%
1.25		162	23.9%
1.5		149	21.9%
1.75		101	14.9%
1.875		1	0.1%
All other values		33	4.9%

Percentiles:

10%	25%	50%	75%	90%
1	1	1.5	1.5	2

Name: VIND_QS5MSMAX

Type: Numeric

Variable label: Mathematical Summary (MAX)

Unique values: 11

Missing values: 1

Min: 1.00
 Mean: 1.72
 Max: 3.00
 Std. Dev.: 0.63
 Skew: 0.58

Value	Label	Freq.	Percent
1		149	21.9%
1.25		115	16.9%
1.5		93	13.7%
1.75		76	11.2%
2		68	10.0%
All other values		139	20.5%

Percentiles:

10%	25%	50%	75%	90%
1	1.25	1.5	1.5	2.75

Name: VIND_CE1MTMAX
 Type: Numeric
 Variable label: Metacognition (MAX)
 Unique values: 10
 Missing values: 1
 Min: 1.00
 Mean: 1.21
 Max: 2.75
 Std. Dev.: 0.33
 Skew: 2.14

Value	Label	Freq.	Percent
1		391	57.6%
1.125		1	0.1%
1.25		148	21.8%
1.5		69	10.2%
1.75		35	5.2%
All other values		25	3.7%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	1.75

Name: VIND_CE2RUMAX

Type: Numeric
 Variable label: Repetitive Use Opportunities (MAX)
 Unique values: 11
 Missing values: 1
 Min: 1.00
 Mean: 2.42
 Max: 3.00
 Std. Dev.: 0.59
 Skew: -0.79

Value	Label	Freq.	Percent
1		30	4.4%
1.25		18	2.7%
1.5		39	5.7%
1.75		34	5.0%
2		99	14.6%
All other values		417	61.4%

Percentiles:

10%	25%	50%	75%	90%
1.5	2	2.5	2.5	3

Name: VIND_CE10SUMAX
 Type: Numeric
 Variable label: Software Use for Learning (MAX)
 Unique values: 6
 Missing values: 1
 Min: 1.00
 Mean: 1.05
 Max: 2.00
 Std. Dev.: 0.15
 Skew: 3.25

Value	Label	Freq.	Percent
1		586	86.3%
1.25		48	7.1%
1.5		36	5.3%
1.75		4	0.6%
2		4	0.6%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	1.25

Name:	VIND_QS2ACMIN			
Type:	Numeric			
Variable label:	Accuracy (MIN)			
Unique values:	10			
Missing values:	1			
Min:	1.00			
Mean:	2.62			
Max:	3.00			
Std. Dev.:	0.37			
Skew:	-1.16			

Value	Label	Freq.	Percent	
1		2	0.3%	
1.25		2	0.3%	
1.5		10	1.5%	
1.75		17	2.5%	
2		41	6.0%	
All other values		539	79.4%	

Percentiles:				
10%	25%	50%	75%	90%
2	2.5	2.75	2.75	3

Name:	ACOMP_CONN			
Type:	Numeric			
Variable label:	Connecting Mathematical Representations (A)			
Unique values:	30			
Missing values:	5			
Min:	1.00			
Mean:	1.95			
Max:	3.00			
Std. Dev.:	0.62			
Skew:	0.01			

Value	Label	Freq.	Percent	
1		82	12.1%	
1.125		16	2.4%	
1.166667		1	0.1%	
1.25		28	4.1%	
1.285714		2	0.3%	
All other values		548	80.7%	

Percentiles:				
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10%	25%	50%	75%	90%
1	1.5	2	2	2.75

Name: ACOMP_EXPPATRN
Type: Numeric
Variable label: Explicit Patterns and Generalizations (A)
Unique values: 27
Missing values: 5
Min: 1.00
Mean: 1.34
Max: 3.00
Std. Dev.: 0.39
Skew: 1.17

Value	Label	Freq.	Percent
1		258	38.0%
1.125		66	9.7%
1.142857		2	0.3%
1.166667		6	0.9%
1.25		75	11.0%
All other values		271	39.9%

Percentiles:

10%	25%	50%	75%	90%
1	1	1.25	1.25	2

Name: ACOMP_REAL
Type: Numeric
Variable label: Real-World Connections (A)
Unique values: 28
Missing values: 5
Min: 1.00
Mean: 1.58
Max: 3.00
Std. Dev.: 0.57
Skew: 0.74

Value	Label	Freq.	Percent
1		216	31.8%
1.125		25	3.7%
1.166667		6	0.9%
1.25		26	3.8%
1.333333		3	0.4%

All other values 371 54.6%

Percentiles:

10%	25%	50%	75%	90%
1	1	1.5	1.5	2.5

Name: ACOMP Asking
Type: Numeric
Variable label: Asking for Explanations (A)
Unique values: 27
Missing values: 5
Min: 1.00
Mean: 1.41
Max: 2.75
Std. Dev.: 0.43
Skew: 0.90

Value	Label	Freq.	Percent
1		209	30.8%
1.125		67	9.9%
1.142857		1	0.1%
1.166667		5	0.7%
1.25		72	10.6%
All other values		314	46.2%

Percentiles:

10%	25%	50%	75%	90%
1	1	1.25	1.25	2

Name: ACOMP MUL
Type: Numeric
Variable label: Using Multiple Mathematical Methods (A)
Unique values: 27
Missing values: 5
Min: 1.00
Mean: 1.63
Max: 3.00
Std. Dev.: 0.38
Skew: 0.46

Value	Label	Freq.	Percent
1		48	7.1%

1.125	27	4.0%
1.166667	9	1.3%
1.25	57	8.4%
1.285714	1	0.1%
All other values	525	77.3%

Percentiles:

10%	25%	50%	75%	90%
1.125	1.375	1.625	1.625	2.125

Name: ACOMP_EXPLEARN
Type: Numeric
Variable label: Explicit Learning Goals (A)
Unique values: 29
Missing values: 5
Min: 1.00
Mean: 2.24
Max: 3.00
Std. Dev.: 0.56
Skew: -0.01

Value	Label	Freq.	Percent
1		7	1.0%
1.125		2	0.3%
1.166667		1	0.1%
1.25		13	1.9%
1.333333		1	0.1%
All other values		638	94.0%

Percentiles:

10%	25%	50%	75%	90%
1.5	1.833333	2.125	2.125	3

Name: ACOMP_ADD
Type: Numeric
Variable label: Addressing Diverse Student Learning Needs (A)
Unique values: 24
Missing values: 5
Min: 1.00
Mean: 1.19
Max: 2.88

Std. Dev.: 0.32

Skew: 2.15

Value	Label	Freq.	Percent
1		392	57.7%
1.125		61	9.0%
1.142857		2	0.3%
1.166667		7	1.0%
1.25		59	8.7%
All other values		155	22.8%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	1.625

Name: ACOMP_OPP

Type: Numeric

Variable label: Opportunities to Practice a Skill or Procedure (A)

Unique values: 30

Missing values: 5

Min: 1.00

Mean: 2.44

Max: 3.00

Std. Dev.: 0.50

Skew: -0.76

Value	Label	Freq.	Percent
1		7	1.0%
1.125		2	0.3%
1.25		10	1.5%
1.333333		2	0.3%
1.375		5	0.7%
All other values		652	96.0%

Percentiles:

10%	25%	50%	75%	90%
1.75	2.125	2.5	2.5	3

Name: ACOMP_TECH

Type: Numeric

Variable label: Technology for Understanding (A)

Unique values: 20

Missing values: 5
 Min: 1.00
 Mean: 1.12
 Max: 2.75
 Std. Dev.: 0.23
 Skew: 2.81

Value	Label	Freq.	Percent
1		458	67.5%
1.125		58	8.5%
1.142857		1	0.1%
1.166667		3	0.4%
1.25		56	8.2%
All other values		102	15.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	1.375

Name: ACOMP_ENCRG
 Type: Numeric
 Variable label: Encourage Student Self Evaluation (A)
 Unique values: 23
 Missing values: 5
 Min: 1.00
 Mean: 1.15
 Max: 3.00
 Std. Dev.: 0.34
 Skew: 2.94

Value	Label	Freq.	Percent
1		505	74.4%
1.125		32	4.7%
1.166667		3	0.4%
1.25		26	3.8%
1.285714		1	0.1%
All other values		108	15.9%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	1.625

Name: ACOMP_ACCURACY
Type: Numeric
Variable label: Accuracy of Materials (A)
Unique values: 10
Missing values: 5
Min: 1.25
Mean: 1.94
Max: 2.00
Std. Dev.: 0.10
Skew: -2.16

Value	Label	Freq.	Percent
1.25		1	0.1%
1.5		4	0.6%
1.625		13	1.9%
1.666667		5	0.7%
1.75		43	6.3%
All other values		598	88.1%

Percentiles:

10%	25%	50%	75%	90%
1.833333	1.875	2	2	2

Name: OTL_TL_FUNCTIONS
Type: Numeric
Variable label: Summative index of OTL for quadratic functions: teacher log
Unique values: 47
Missing values: 52
Min: 0.00
Mean: 1.36
Max: 12.00
Std. Dev.: 1.81
Skew: 1.84

Value	Label	Freq.	Percent
0		233	34.3%
.25		45	6.6%
.33333333		1	0.1%
.5		38	5.6%
.66666667		1	0.1%
All other values		337	49.6%

Percentiles:

10%	25%	50%	75%	90%
0	0	.5	.5	4

Name:	OTL_TL_ALGEBRA			
Type:	Numeric			
Variable label:	Summative index of OTL for algebraic operations: teacher log			
Unique values:	99			
Missing values:	52			
Min:	0.00			
Mean:	2.74			
Max:	11.00			
Std. Dev.:	1.80			
Skew:	1.25			

Value	Label	Freq.	Percent	
0		1	0.1%	
.2		4	0.6%	
.3		8	1.2%	
.4		12	1.8%	
.5		5	0.7%	
All other values		646	95.1%	

Percentiles:					
	10%	25%	50%	75%	90%
	.8	1.5	2.3	2.3	5.2

Name:	OTL_TL_REASONING			
Type:	Numeric			
Variable label:	Summative index of OTL for reasoning: teacher log			
Unique values:	44			
Missing values:	52			
Min:	0.00			
Mean:	2.66			
Max:	13.00			
Std. Dev.:	2.35			
Skew:	1.22			

Value	Label	Freq.	Percent	
0		90	13.3%	
.5		40	5.9%	
.52777778		1	0.1%	
.6		1	0.1%	
.66666667		2	0.3%	
All other values		466	68.6%	

Percentiles:

10%	25%	50%	75%	90%
0	1	2	2	6

Name: OTL_TL_APPLIED
Type: Numeric
Variable label: Summative index of OTL for real world contexts: teacher log
Unique values: 42
Missing values: 52
Min: 0.00
Mean: 2.23
Max: 12.00
Std. Dev.: 2.16
Skew: 1.32

Value	Label	Freq.	Percent
0		129	19.0%
.5		42	6.2%
.54166667		1	0.1%
.625		1	0.1%
.66666667		1	0.1%
All other values		504	74.2%

Percentiles:

10%	25%	50%	75%	90%
0	.5	1.5	1.5	5

Name: OTL_SQB
Type: Numeric
Variable label: Summative index of OTL: student questionnaire
Unique values: 475
Missing values: 29
Min: 5.23
Mean: 8.27
Max: 10.62
Std. Dev.: 1.01
Skew: -0.15

Value	Label	Freq.	Percent
5.2307692		1	0.1%
5.3636364		2	0.3%
5.45		1	0.1%
5.5294118		1	0.1%

5.64	1	0.1%
All other values	672	99.0%

Percentiles:

10%	25%	50%	75%	90%
7.0741758	7.5294118	8.25	8.25	9.6172161

Name: OTL_SQB_FUNCTIONS
Type: Numeric
Variable label: Summative index of OTL for quadratic functions: student questionnaire
Unique values: 364
Missing values: 29
Min: 0.05
Mean: 1.31
Max: 2.00
Std. Dev.: 0.52
Skew: -0.69

Value	Label	Freq.	Percent
.05		1	0.1%
.08333333		1	0.1%
.09677419		1	0.1%
.13043478		1	0.1%
.14285714		1	0.1%
All other values		672	99.0%

Percentiles:

10%	25%	50%	75%	90%
.43875	.95652174	1.4472222	1.4472222	1.875

Name: OTL_SQB_ALGEBRA
Type: Numeric
Variable label: Summative index of OTL for algebraic operations: student questionnaire
Unique values: 323
Missing values: 29
Min: 2.45
Mean: 4.46
Max: 5.00
Std. Dev.: 0.39
Skew: -0.98

Value	Label	Freq.	Percent
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2.4545455	1	0.1%
2.9230769	1	0.1%
3.08	1	0.1%
3.1153846	1	0.1%
3.1363636	1	0.1%
All other values	673	99.1%

Percentiles:

10%	25%	50%	75%	90%
3.9259259	4.2380952	4.505814	4.505814	4.893797

Name: OTL_SQB_REASONING
Type: Numeric
Variable label: Summative index of OTL for reasoning: student questionnaire
Unique values: 270
Missing values: 29
Min: 0.46
Mean: 1.63
Max: 2.00
Std. Dev.: 0.28
Skew: -0.82

Value	Label	Freq.	Percent
.46153846		1	0.1%
.70588235		1	0.1%
.76		1	0.1%
.8		1	0.1%
.80769231		1	0.1%
All other values		673	99.1%

Percentiles:

10%	25%	50%	75%	90%
1.245	1.4375	1.6956522	1.6956522	1.952381

Name: OTL_SQB_APPLIED
Type: Numeric
Variable label: Summative index of OTL for real world contexts: student questionnaire
Unique values: 361
Missing values: 29
Min: 0.00
Mean: 0.87

Max: 1.86
 Std. Dev.: 0.44
 Skew: 0.32

Value	Label	Freq.	Percent
0		3	0.4%
.05		1	0.1%
.08		1	0.1%
.1		2	0.3%
.11538462		1	0.1%
All other values		670	98.7%

Percentiles:

10%	25%	50%	75%	90%
.33333333	.51724138	.8	.8	1.5186207

Name: TL03_SUM
Type: Numeric
Variable label: OTL subtopic rating for handling expressions
Unique values: 45
Missing values: 52
Min: 0.00
Mean: 3.11
Max: 16.00
Std. Dev.: 2.75
Skew: 1.22

Value	Label	Freq.	Percent
0		82	12.1%
.5		53	7.8%
1		61	9.0%
1.5		41	6.0%
1.7727273		1	0.1%
All other values		440	64.8%

Percentiles:

10%	25%	50%	75%	90%
0	1	2.5	2.5	6.5

Name: TL04_SUM
Type: Numeric
Variable label: OTL subtopic rating for binomial formulas

Unique values: 43
 Missing values: 52
 Min: 0.00
 Mean: 2.05
 Max: 15.00
 Std. Dev.: 2.25
 Skew: 1.47

Value	Label	Freq.	Percent
0		170	25.0%
.5		64	9.4%
1		74	10.9%
1.2857143		1	0.1%
1.3333333		2	0.3%
All other values		321	47.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	1.5	1.5	5.4

Name: TL05_SUM
 Type: Numeric
 Variable label: OTL subtopic rating for introducing some type of QE
 Unique values: 49
 Missing values: 52
 Min: 0.00
 Mean: 2.90
 Max: 16.00
 Std. Dev.: 2.45
 Skew: 1.36

Value	Label	Freq.	Percent
0		39	5.7%
.5		23	3.4%
.64285714		1	0.1%
.66666667		1	0.1%
1		141	20.8%
All other values		473	69.7%

Percentiles:

10%	25%	50%	75%	90%
.64285714	1	2	2	6.5

Name: TL06A_SUM
Type: Numeric
Variable label: OTL subtopic rating for solving QE by completing the square
Unique values: 40
Missing values: 52
Min: 0.00
Mean: 2.16
Max: 11.50
Std. Dev.: 2.08
Skew: 1.05

Value	Label	Freq.	Percent
0		172	25.3%
.5		29	4.3%
1		59	8.7%
1.0588235		1	0.1%
1.25		1	0.1%
All other values		385	56.7%

Percentiles:

10%	25%	50%	75%	90%
0	0	2	2	5

Name: TL06B_SUM
Type: Numeric
Variable label: OTL subtopic rating for solving QE by factorizing
Unique values: 44
Missing values: 52
Min: 0.00
Mean: 3.15
Max: 13.50
Std. Dev.: 2.24
Skew: 0.98

Value	Label	Freq.	Percent
0		47	6.9%
.5		24	3.5%
.52941176		1	0.1%
.66666667		1	0.1%
1		56	8.2%
All other values		549	80.9%

Percentiles:

10%	25%	50%	75%	90%
.5	1.5	3	3	6

Name:	TL06C_SUM			
Type:	Numeric			
Variable label:	OTL subtopic rating for solving QE using the quadratic formula			
Unique values:	47			
Missing values:	52			
Min:	0.00			
Mean:	3.22			
Max:	14.50			
Std. Dev.:	2.28			
Skew:	1.35			

Value	Label	Freq.	Percent
0		33	4.9%
.5		12	1.8%
.66666667		1	0.1%
1		69	10.2%
1.0714286		1	0.1%
All other values		562	82.8%

Percentiles:					
	10%	25%	50%	75%	90%
	1	2	3	3	6

Name:	TL06D_SUM			
Type:	Numeric			
Variable label:	OTL subtopic rating for solving QE by graphical representation			
Unique values:	38			
Missing values:	52			
Min:	0.00			
Mean:	1.32			
Max:	12.00			
Std. Dev.:	1.90			
Skew:	1.84			

Value	Label	Freq.	Percent
0		309	45.5%
.5		36	5.3%
1		60	8.8%
1.3333333		1	0.1%
1.5		36	5.3%
All other values		236	34.8%

Percentiles:

10%	25%	50%	75%	90%
0	0	.5	.5	4

Name: TL07_SUM
Type: Numeric
Variable label: OTL subtopic rating for discussing different cases of QE
Unique values: 44
Missing values: 52
Min: 0.00
Mean: 2.66
Max: 13.00
Std. Dev.: 2.35
Skew: 1.22

Value	Label	Freq.	Percent
0		90	13.3%
.5		40	5.9%
.52777778		1	0.1%
.6		1	0.1%
.66666667		2	0.3%
All other values		466	68.6%

Percentiles:

10%	25%	50%	75%	90%
0	1	2	2	6

Name: TL08_SUM
Type: Numeric
Variable label: OTL subtopic rating for quadratic functions
Unique values: 43
Missing values: 52
Min: 0.00
Mean: 1.41
Max: 13.00
Std. Dev.: 2.03
Skew: 2.07

Value	Label	Freq.	Percent
0		288	42.4%
.5		50	7.4%
.66666667		1	0.1%
1		52	7.7%

1.2857143	1	0.1%
All other values	253	37.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	.5	.5	4

Name: TL09_SUM
Type: Numeric
Variable label: OTL subtopic rating for applications
Unique values: 42
Missing values: 52
Min: 0.00
Mean: 2.23
Max: 12.00
Std. Dev.: 2.16
Skew: 1.32

Value	Label	Freq.	Percent
0		129	19.0%
.5		42	6.2%
.54166667		1	0.1%
.625		1	0.1%
.66666667		1	0.1%
All other values		504	74.2%

Percentiles:

10%	25%	50%	75%	90%
0	.5	1.5	1.5	5

Name: OTL_AR
Type: Numeric
Variable label: Summative index of OTL: artefacts
Unique values: 78
Missing values: 5
Min: 0.00
Mean: 0.29
Max: 0.90
Std. Dev.: 0.11
Skew: 0.40

Value	Label	Freq.	Percent
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0	8	1.2%
.01388889	1	0.1%
.02777778	1	0.1%
.04166667	1	0.1%
.05555556	4	0.6%
All other values	663	97.6%

Percentiles:

10%	25%	50%	75%	90%
.15277778	.20833333	.27777778	.27777778	.41666667

Name: OTL_AR_FUNCTIONS
Type: Numeric
Variable label: Summative index of OTL for quadratic functions: artefacts
Unique values: 26
Missing values: 5
Min: 0.00
Mean: 0.13
Max: 1.00
Std. Dev.: 0.20
Skew: 1.63

Value	Label	Freq.	Percent
0		386	56.8%
.0625		42	6.2%
.08333333		6	0.9%
.125		28	4.1%
.16666667		7	1.0%
All other values		209	30.8%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	.4375

Name: OTL_AR_ALGEBRA
Type: Numeric
Variable label: Summative index of OTL for algebraic operations: artefacts
Unique values: 51
Missing values: 5
Min: 0.00
Mean: 0.41

Max: 1.00
 Std. Dev.: 0.21
 Skew: 0.18

Value	Label	Freq.	Percent
0		30	4.4%
.03125		1	0.1%
.04166667		2	0.3%
.0625		5	0.7%
.08333333		1	0.1%
All other values		631	92.9%

Percentiles:

10%	25%	50%	75%	90%
.15625	.25	.40625	.40625	.6875

Name: OTL_AR_REASONING
Type: Numeric
Variable label: Summative index of OTL for reasoning: artefacts
Unique values: 28
Missing values: 5
Min: 0.00
Mean: 0.18
Max: 1.00
Std. Dev.: 0.19
Skew: 0.89

Value	Label	Freq.	Percent
0		231	34.0%
.0625		48	7.1%
.07142857		1	0.1%
.08333333		11	1.6%
.125		63	9.3%
All other values		320	47.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	.125	.125	.4375

Name: OTL_AR_APPLIED
Type: Numeric
Variable label: Summative index of OTL for real world contexts: artefacts

Unique values: 16
 Missing values: 5
 Min: 0.00
 Mean: 0.32
 Max: 1.00
 Std. Dev.: 0.31
 Skew: 0.68

Value	Label	Freq.	Percent
0		217	32.0%
.125		57	8.4%
.16666667		8	1.2%
.25		104	15.3%
.33333333		8	1.2%
All other values		246	36.2%

Percentiles:

10%	25%	50%	75%	90%
0	0	.25	.25	.75

Name: CLASS_SIZE_QUES
 Type: Numeric
 Variable label: Total students consenting to questionnaire
 Unique values: 44
 Missing values: 27
 Min: 5.00
 Mean: 26.96
 Max: 50.00
 Std. Dev.: 7.24
 Skew: 0.17

Value	Label	Freq.	Percent
5		1	0.1%
6		2	0.3%
9		2	0.3%
10		5	0.7%
11		4	0.6%
All other values		661	97.3%

Percentiles:

10%	25%	50%	75%	90%
18	23	27	27	36

Name: CLASS_SIZE_TEST
Type: Numeric
Variable label: Total students consenting to test
Unique values: 44
Missing values: 27
Min: 5.00
Mean: 26.92
Max: 50.00
Std. Dev.: 7.27
Skew: 0.17

Value	Label	Freq.	Percent
5		1	0.1%
6		2	0.3%
9		2	0.3%
10		5	0.7%
11		4	0.6%
All other values		661	97.3%

Percentiles:

10%	25%	50%	75%	90%
18	23	27	27	36

Name: CLASS_SIZE_VIDEO
Type: Numeric
Variable label: Total students consenting to video
Unique values: 45
Missing values: 27
Min: 5.00
Mean: 26.85
Max: 50.00
Std. Dev.: 7.26
Skew: 0.17

Value	Label	Freq.	Percent
5		1	0.1%
6		2	0.3%
8		1	0.1%
9		2	0.3%
10		5	0.7%
All other values		665	97.9%

Percentiles:

10%	25%	50%	75%	90%
18	22	27	27	36

Name:	CLASS_SIZE_FULL			
Type:	Numeric			
Variable label:	Total students in student resolution			
Unique values:	45			
Missing values:	27			
Min:	5.00			
Mean:	30.01			
Max:	51.00			
Std. Dev.:	7.55			
Skew:	-0.03			

Value	Label	Freq.	Percent	
5		1	0.1%	
6		2	0.3%	
9		1	0.1%	
10		3	0.4%	
12		1	0.1%	
All other values		669	98.5%	

Percentiles:				
10%	25%	50%	75%	90%
20	25	30	30	40

Name:	CLASS_SIZE_ALL			
Type:	Numeric			
Variable label:	Total students consenting to all instruments			
Unique values:	45			
Missing values:	27			
Min:	5.00			
Mean:	26.81			
Max:	50.00			
Std. Dev.:	7.29			
Skew:	0.17			

Value	Label	Freq.	Percent	
5		1	0.1%	
6		2	0.3%	
8		1	0.1%	
9		2	0.3%	
10		5	0.7%	
All other values		665	97.9%	

Percentiles:

10%	25%	50%	75%	90%
18	22	27	27	36

Name: MIDDROP
Type: Numeric
Variable label: TEACHER MARKED AS MIDDROP IN THIS FILE
Unique values: 1
Missing values: 0
Min: 0.00
Mean: 0.00
Max: 0.00
Std. Dev.: 0.00
Skew: .

Value	Label	Freq.	Percent
0		679	100.0%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	0

Name: DATE_TQA
Type: Numeric
Variable label: DATE TQA TAKEN BY TEACHER
Unique values: 194
Missing values: 35
Min: 21098.00
Mean: 21314.06
Max: 21503.00
Std. Dev.: 94.01
Skew: -0.10

Value	Label	Freq.	Percent
06/10/17		1	0.1%
09/10/17		1	0.1%
13/10/17		1	0.1%
18/10/17		3	0.4%
19/10/17		2	0.3%
All other values		669	98.5%

Percentiles:

10%	25%	50%	75%	90%
30/01/18	12/02/18	08/05/18	08/05/18	13/09/18

Name:	DATE_TQB		
Type:	Numeric		
Variable label:	DATE TQB TAKEN BY TEACHER		
Unique values:	202		
Missing values:	31		
Min:	21125.00		
Mean:	21354.88		
Max:	21536.00		
Std. Dev.:	101.42		
Skew:	-0.28		

Value	Label	Freq.	Percent
18/05/87		1	0.1%
02/11/17		2	0.3%
06/11/17		1	0.1%
09/11/17		2	0.3%
13/11/17		1	0.1%
All other values		669	98.5%

Percentiles:				
10%	25%	50%	75%	90%
20/02/18	08/03/18	25/06/18	25/06/18	09/10/18
