
Name:	COUNTRY		
Type:	String		
Variable label:	TALIS Country		
Unique values:	8		
Missing values:	0		
Value	Label	Freq.	Percent
Chile		832	14.9%
Colombia		862	15.4%
England		816	14.6%
Germany		480	8.6%
Japan		416	7.4%
All other values		1488	26.6%

Name:	IDARTEFACT		
Type:	String		
Variable label:	Artefact ID		
Unique values:	2,721		
Missing values:	0		
Value	Label	Freq.	Percent
152-0001-01-TAA-07092018		2	0.0%
152-0001-01-TAB-13092018		2	0.0%
152-0001-01-TAT-19102018		2	0.0%
152-0002-02-TAA-06062018		2	0.0%
152-0002-02-TAB-11062018		2	0.0%
All other values		5577	99.8%

Name:	IDCNTRY	
Type:	Numeric	
Variable label:	Country ID	
Unique values:	8	
Missing values:	0	
Min:	152.00	
Mean:	400.49	

Max: 826.00
Std. Dev.: 258.06
Skew: 0.55

Value	Label	Freq.	Percent
152		832	14.9%
156		694	12.4%
170		862	15.4%
276		480	8.6%
392		416	7.4%
All other values		1511	27.0%

Percentiles:

10%	25%	50%	75%	90%
152	156	276	276	826

Name: IDSCHOOL

Type: Numeric

Variable label: School ID

Unique values: 185

Missing values: 0

Min: 1.00

Mean: 65.52

Max: 312.00

Std. Dev.: 64.48

Skew: 1.90

Value	Label	Freq.	Percent
1		54	1.0%
2		80	1.4%
3		42	0.8%
4		52	0.9%
5		70	1.3%
All other values		5201	93.1%

Percentiles:

10%	25%	50%	75%	90%
9	24	48	48	168

Name: IDTEACH

Type: Numeric

Variable label: Teacher ID

Unique values: 90
 Missing values: 0
 Min: 1.00
 Mean: 4.83
 Max: 94.00
 Std. Dev.: 14.48
 Skew: 4.36

Value	Label	Freq.	Percent
1		4379	78.4%
2		476	8.5%
3		132	2.4%
4		100	1.8%
5		32	0.6%
All other values		414	7.4%

Percentiles:

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

Name: IDINSTR
 Type: String
 Variable label: Instrument ID
 Unique values: 5
 Missing values: 0

Value	Label	Freq.	Percent
TAA		1383	24.7%
TAB		1111	19.9%
TAC		1351	24.2%
TAD		1070	19.1%
TAT		674	12.1%

Name: IDRATER
 Type: Numeric
 Variable label: Rater ID
 Unique values: 34
 Missing values: 0
 Min: 1.00
 Mean: 16.18
 Max: 38.00
 Std. Dev.: 12.01
 Skew: 0.33

Value	Label	Freq.	Percent
1		356	6.4%
2		357	6.4%
3		324	5.8%
4		326	5.8%
5		330	5.9%
All other values		3708	66.3%

Percentiles:

10%	25%	50%	75%	90%
2	5	14	14	34

Name:		T_ID	
Type:		String	
Variable label:		Teacher ID, IDCNTRY-IDSCHOOL-IDTEACH	
Unique values:		678	
Missing values:		0	
Value	Label	Freq.	Percent
00152-0001-0001		6	0.1%
00152-0002-0002		10	0.2%
00152-0005-0001		10	0.2%
00152-0007-0002		8	0.1%
00152-0010-0001		10	0.2%
All other values		5537	99.1%

Name:		SCH_ID	
Type:		String	
Variable label:		School ID, IDCNTRY-IDSCHOOL	
Unique values:		628	
Missing values:		0	
Value	Label	Freq.	Percent
00152-0001		6	0.1%
00152-0002		10	0.2%
00152-0005		10	0.2%
00152-0007		8	0.1%
00152-0010		10	0.2%
All other values		5537	99.1%

Name: DATE_RATE_D
Type: Numeric
Variable label: Rating Day
Unique values: 31
Missing values: 0
Min: 1.00
Mean: 17.17
Max: 31.00
Std. Dev.: 6.46
Skew: -0.29

Value	Label	Freq.	Percent
1		60	1.1%
2		42	0.8%
3		95	1.7%
4		93	1.7%
5		82	1.5%
All other values		5156	92.3%

Percentiles:

10%	25%	50%	75%	90%
8	14	18	18	26

Name: DATE_RATE_M
Type: Numeric
Variable label: Rating Month
Unique values: 4
Missing values: 0
Min: 1.00
Mean: 6.20
Max: 12.00
Std. Dev.: 5.10
Skew: 0.13

Value	Label	Freq.	Percent
1		1629	29.1%
2		1353	24.2%
11		992	17.7%
12		1615	28.9%

Percentiles:

10%	25%	50%	75%	90%
1	1	2	2	12

Name:	DATE_RATE_Y			
Type:	Numeric			
Variable label:	Rating Year			
Unique values:	2			
Missing values:	0			
Min:	2018.00			
Mean:	2018.53			
Max:	2019.00			
Std. Dev.:	0.50			
Skew:	-0.13			
Value	Label	Freq.	Percent	
2018		2607	46.6%	
2019		2982	53.4%	
Percentiles:				
10%	25%	50%	75%	90%
2018	2018	2019	2019	2019

Name:	RATING_START_TIME			
Type:	String			
Variable label:	Rating Start Time (HH:MM)			
Unique values:	1,009			
Missing values:	754			
Value	Label	Freq.	Percent	
		754	13.5%	
0:00:00		4	0.1%	
0:01:00		1	0.0%	
0:02:00		2	0.0%	
0:05:00		2	0.0%	
All other values		4824	86.3%	

Name:	RATING_END_TIME			
Type:	String			
Variable label:	Rating End Time (HH:MM)			
Unique values:	1,013			
Missing values:	762			
Value	Label	Freq.	Percent	
		762	13.6%	
0:00:00		4	0.1%	

0:02:00	1	0.0%
0:04:00	1	0.0%
0:06:00	1	0.0%
All other values	4818	86.2%

Name: NO_AVAILABLE
Type: Numeric
Variable label: No Artefacts Available
Unique values: 2
Missing values: 0
Min: 0.00
Mean: 0.00
Max: 1.00
Std. Dev.: 0.05
Skew: 19.23

Value	Label	Freq.	Percent
0		5574	99.7%
1	None Available	15	0.3%

Percentiles:

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

Name: NOT_SCORABLE
Type: Numeric
Variable label: Artefacts Available But Not Scorable
Unique values: 2
Missing values: 0
Min: 0.00
Mean: 0.00
Max: 1.00
Std. Dev.: 0.05
Skew: 21.51

Value	Label	Freq.	Percent
0	No	5577	99.8%
1	Yes	12	0.2%

Percentiles:

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

Name:	SCORABLE_RATE				
Type:	Numeric				
Variable label:	Artefacts scorable				
Unique values:	2				
Missing values:	0				
Min:	0.00				
Mean:	0.99				
Max:	1.00				
Std. Dev.:	0.09				
Skew:	-11.14				
Value	Label	Freq.	Percent		
0	No	44	0.8%		
1	Yes	5545	99.2%		
Percentiles:					
	10%	25%	50%	75%	90%
	1	1	1	1	1

Name:	CONN_MATH_REP_RATE				
Type:	Numeric				
Variable label:	Connecting Mathematical Representations				
Unique values:	5				
Missing values:	0				
Min:	0.00				
Mean:	1.99				
Max:	3.00				
Std. Dev.:	0.93				
Skew:	0.03				
Value	Label	Freq.	Percent		
0		2	0.0%		
1	Low	2450	43.8%		
2	Medium	744	13.3%		
3	High	2375	42.5%		
9999	Missing	18	0.3%		
Percentiles:					
	10%	25%	50%	75%	90%
	1	1	2	2	3

Name: EXP_PATRN_GEN_RATE
Type: Numeric
Variable label: Explicit Patterns and Generalizations
Unique values: 5
Missing values: 0
Min: 0.00
Mean: 1.30
Max: 3.00
Std. Dev.: 0.60
Skew: 1.82

Value	Label	Freq.	Percent
0		2	0.0%
1	Low	4301	77.0%
2	Medium	842	15.1%
3	High	425	7.6%
9999	Missing	19	0.3%

Percentiles:

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

Name: REAL_WORLD_CON_RATE
Type: Numeric
Variable label: Real-World Connections
Unique values: 5
Missing values: 0
Min: 0.00
Mean: 1.58
Max: 3.00
Std. Dev.: 0.86
Skew: 0.91

Value	Label	Freq.	Percent
0		2	0.0%
1	Low	3706	66.3%
2	Medium	467	8.4%
3	High	1395	25.0%
9999	Missing	19	0.3%

Percentiles:

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

Name:	ASKING_EXPLAN_RATE			
Type:	Numeric			
Variable label:	Asking for Explanations			
Unique values:	5			
Missing values:	0			
Min:	0.00			
Mean:	1.42			
Max:	3.00			
Std. Dev.:	0.62			
Skew:	1.20			

Value	Label	Freq.	Percent	
0		2	0.0%	
1	Low	3639	65.1%	
2	Medium	1528	27.3%	
3	High	400	7.2%	
9999	Missing	20	0.4%	

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

Name:	MUL_MATH_METHOD_RATE			
Type:	Numeric			
Variable label:	Using Multiple Mathematical Methods			
Unique values:	5			
Missing values:	0			
Min:	0.00			
Mean:	1.66			
Max:	3.00			
Std. Dev.:	0.66			
Skew:	0.49			

Value	Label	Freq.	Percent	
0		2	0.0%	
1	Low	2475	44.3%	
2	Medium	2522	45.1%	
3	High	572	10.2%	
9999	Missing	18	0.3%	

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

Name: EXP_LEARN_GOAL_RATE

Type: Numeric
 Variable label: Explicit Learning Goals
 Unique values: 6
 Missing values: 0
 Min: 0.00
 Mean: 1210.41
 Max: 9992.00
 Std. Dev.: 3257.53
 Skew: 2.33

Value	Label	Freq.	Percent
0		2	0.0%
1	Low	906	16.2%
2	Medium	1894	33.9%
3	High	2097	37.5%
9992	Not applicable	674	12.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	2	2	2	9992

Name: ADD_DIVERSE_NEED_RATE

Type: Numeric
 Variable label: Addressing Diverse Student Learning Needs
 Unique values: 6
 Missing values: 0
 Min: 0.00
 Mean: 1209.27
 Max: 9992.00
 Std. Dev.: 3257.62
 Skew: 2.33

Value	Label	Freq.	Percent
0		2	0.0%
1	Low	4171	74.6%
2	Medium	486	8.7%
3	High	241	4.3%
9992	Not applicable	674	12.1%

All other values 0 0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	9992

Name: OPP_PRACTICE_RATE
Type: Numeric
Variable label: Opportunities to Practice a Skill or Procedure
Unique values: 6
Missing values: 0
Min: 0.00
Mean: 1210.40
Max: 9992.00
Std. Dev.: 3257.20
Skew: 2.33

Value	Label	Freq.	Percent
0		2	0.0%
1	Low	646	11.6%
2	Medium	1236	22.1%
3	High	3016	54.0%
9992	Not applicable	674	12.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	2	3	3	9992

Name: TECH_UNDERSTAND_RATE
Type: Numeric
Variable label: Technology For Understanding
Unique values: 6
Missing values: 0
Min: 0.00
Mean: 1208.99
Max: 9992.00
Std. Dev.: 3257.39
Skew: 2.33

Value	Label	Freq.	Percent
0		2	0.0%

1	Low	4426	79.2%
2	Medium	358	6.4%
3	High	115	2.1%
9992	Not applicable	674	12.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	9992

Name: ENCRG_SELF_EVAL_RATE
Type: Numeric
Variable label: Encourage Student Self Evaluation
Unique values: 6
Missing values: 0
Min: 0.00
Mean: 1209.00
Max: 9992.00
Std. Dev.: 3257.39
Skew: 2.33

Value	Label	Freq.	Percent
0		2	0.0%
1	Low	4410	78.9%
2	Medium	305	5.5%
3	High	184	3.3%
9992	Not applicable	674	12.1%
All other values		0	0.0%

Percentiles:

10%	25%	50%	75%	90%
1	1	1	1	9992

Name: SQE_COMP_SQUARE_RATE
Type: Numeric
Variable label: Subtopic coverage for solving quadratic equations by completing the square
Unique values: 4
Missing values: 0
Min: 0.00
Mean: 1208.41
Max: 9992.00

Std. Dev.:	3257.94		
Skew:	2.33		
Value	Label	Freq.	Percent
0	No	3832	68.6%
1	Yes	1068	19.1%
9992	Not applicable	674	12.1%
9999	Missing	15	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name:	SQE_FACTORIZING_RATE		
Type:	Numeric		
Variable label:	Subtopic coverage for solving quadratic equations by factorizing		
Unique values:	4		
Missing values:	0		
Min:	0.00		
Mean:	1208.37		
Max:	9992.00		
Std. Dev.:	3257.62		
Skew:	2.33		
Value	Label	Freq.	Percent
0	No	2840	50.8%
1	Yes	2061	36.9%
9992	Not applicable	674	12.1%
9999	Missing	14	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name:	SQE_QUADRATIC_RATE
Type:	Numeric
Variable label:	Subtopic coverage for solving quadratic equations by using the quadratic formula
Unique values:	4
Missing values:	0
Min:	0.00
Mean:	1208.83

Max: 9992.00
Std. Dev.: 3258.12
Skew: 2.33

Value	Label	Freq.	Percent
0	No	2712	48.5%
1	Yes	2187	39.1%
9992	Not applicable	674	12.1%
9999	Missing	16	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	1	1	9992

Name: SQE_FIND_ROOT_RATE

Type: Numeric

Variable label: Subtopic coverage for solving quadratic equations by finding roots in a graphical representation

Unique values: 4

Missing values: 0

Min: 0.00

Mean: 1208.31

Max: 9992.00

Std. Dev.: 3257.98

Skew: 2.33

Value	Label	Freq.	Percent
0	No	4390	78.5%
1	Yes	510	9.1%
9992	Not applicable	674	12.1%
9999	Missing	15	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name: FACTOR_EXP_RATE

Type: Numeric

Variable label: Subtopic coverage for factoring expressions

Unique values: 4

Missing values: 0

Min: 0.00

Mean: 1208.46
 Max: 9992.00
 Std. Dev.: 3257.59
 Skew: 2.33

Value	Label	Freq.	Percent
0	No	2364	42.3%
1	Yes	2537	45.4%
9992	Not applicable	674	12.1%
9999	Missing	14	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	1	1	9992

Name: DIFF_CASE_RATE
Type: Numeric
Variable label: Subtopic coverage for discussing different cases of $ax^2+bx+c=0$ depending on values of a,b,c

Unique values: 4
 Missing values: 0
 Min: 0.00
 Mean: 1208.13
 Max: 9992.00
 Std. Dev.: 3257.71
 Skew: 2.33

Value	Label	Freq.	Percent
0	No	4196	75.1%
1	Yes	705	12.6%
9992	Not applicable	674	12.1%
9999	Missing	14	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name: EXPLORING_FUNCT_RATE
Type: Numeric
Variable label: Subtopic coverage for exploring quadratic functions (definitions of functions, plotting and transforming graphs, etc.)

Unique values: 4

Missing values: 0
 Min: 0.00
 Mean: 1208.16
 Max: 9992.00
 Std. Dev.: 3257.70
 Skew: 2.33

Value	Label	Freq.	Percent
0	No	4003	71.6%
1	Yes	898	16.1%
9992	Not applicable	674	12.1%
9999	Missing	14	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name: EXAMINING_REL_RATE

Type: Numeric

Variable label: Subtopic coverage for examining relationship between the value of the discriminant and the number of solutions to a quadratic equation

Unique values: 4

Missing values: 0

Min: 0.00

Mean: 1208.22

Max: 9992.00

Std. Dev.: 3257.68

Skew: 2.33

Value	Label	Freq.	Percent
0	No	3692	66.1%
1	Yes	1209	21.6%
9992	Not applicable	674	12.1%
9999	Missing	14	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name: APPLY_REAL_WORLD_RATE

Type: Numeric

Variable label: Subtopic coverage for applying mathematics to real world situation

Unique values: 4
 Missing values: 0
 Min: 0.00
 Mean: 1208.49
 Max: 9992.00
 Std. Dev.: 3257.91
 Skew: 2.33

Value	Label	Freq.	Percent
0	No	3407	61.0%
1	Yes	1493	26.7%
9992	Not applicable	674	12.1%
9999	Missing	15	0.3%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name: ACCURACY_MATERIAL_RATE

Type: Numeric
 Variable label: Accuracy of Materials
 Unique values: 5
 Missing values: 0
 Min: 0.00
 Mean: 1209.71
 Max: 9992.00
 Std. Dev.: 3257.13
 Skew: 2.33

Value	Label	Freq.	Percent
0		2	0.0%
1	Inaccurate	294	5.3%
2	Accurate	4605	82.4%
9992	Not applicable	674	12.1%
9999	Missing	14	0.3%

Percentiles:

10%	25%	50%	75%	90%
2	2	2	2	9992

Name: RATING_TIME_MINUTES

Type: Numeric

Variable label: Rating time in minutes
 Unique values: 87
 Missing values: 762
 Min: -194.00
 Mean: 14.53
 Max: 341.00
 Std. Dev.: 15.34
 Skew: -1.44

Value	Label	Freq.	Percent
-194		1	0.0%
-192		1	0.0%
-188		1	0.0%
-184		1	0.0%
-182		1	0.0%
All other values		5583	99.9%

Percentiles:

10%	25%	50%	75%	90%
4	6	12	12	30

Name: ARTEFACT_SET_UNIT
 Type: String
 Variable label: Record is for artefact set or unit assessment
 Unique values: 2
 Missing values: 0

Value	Label	Freq.	Percent
Artefact Set		4915	87.9%
Unit Assessment		674	12.1%

Name: UNSCORABLE_SCORED
 Type: Numeric
 Variable label: Rater indicated artefact was unscorable but was scored
 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	No	5589	100.0%

Percentiles:

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

Name: EIGHT_MINUTES

Type: Numeric

Variable label: Rating length is less than 8 minutes for scorable artefacts

Unique values: 2

Missing values: 0

Min: 0.00

Mean: 0.40

Max: 1.00

Std. Dev.: 0.49

Skew: 0.41

Value	Label	Freq.	Percent
0	No	3350	59.9%
1	Yes	2239	40.1%

Percentiles:

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

Name: INVALIDSKIP

Type: Numeric

Variable label: At least one item is missing a rating

Unique values: 2

Missing values: 0

Min: 0.00

Mean: 0.00

Max: 1.00

Std. Dev.: 0.05

Skew: 21.51

Value	Label	Freq.	Percent
0	No	5577	99.8%
1	Yes	12	0.2%

Percentiles:

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

Name: INCONSISTENT_1
Type: Numeric
Variable label: Solving quadratic equations by factoring rated 1 but did not rate factoring expressions as 1
Unique values: 3
Missing values: 0
Min: 0.00
Mean: 1204.99
Max: 9992.00
Std. Dev.: 3254.23
Skew: 2.33

Value	Label	Freq.	Percent
0	No	4831	86.4%
1	Yes	84	1.5%
9992	Not applicable	674	12.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name: INCONSISTENT_2
Type: Numeric
Variable label: Solving quadratic equations by completing the square rated 1 but did not rate factoring expressions as 1
Unique values: 3
Missing values: 0
Min: 0.00
Mean: 1205.01
Max: 9992.00
Std. Dev.: 3254.22
Skew: 2.33

Value	Label	Freq.	Percent
0	No	4705	84.2%
1	Yes	210	3.8%
9992	Not applicable	674	12.1%

Percentiles:

10%	25%	50%	75%	90%
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0 0 0 0 9992

Name: INCONSISTENT_3
Type: Numeric
Variable label: Real-world connections rating inconsistent with subtopic applying mathematics to real life situations
Unique values: 3
Missing values: 0
Min: 0.00
Mean: 1205.00
Max: 9992.00
Std. Dev.: 3254.23
Skew: 2.33

Value	Label	Freq.	Percent
0	No	4791	85.7%
1	Yes	124	2.2%
9992	Not applicable	674	12.1%

Percentiles:

10%	25%	50%	75%	90%
0	0	0	0	9992

Name: INCONSISTENT_4
Type: Numeric
Variable label: Rater rated more than 1 artefact as unscorable/scoreable or unavailable/available
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	No	5589	100.0%

Percentiles:

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

Name:	COMMENT				
Type:	Numeric				
Variable label:	Additional feedback on this record provided by country				
Unique values:	1				
Missing values:	5,589				
Min:					
Mean:					
Max:					
Std. Dev.:					
Skew:					
Value	Label	Freq.	Percent		
.		5589	100.0%		
Percentiles:					
	10%	25%	50%	75%	90%

Name:	DATE_RATE				
Type:	Numeric				
Variable label:	Date artefact rated				
Unique values:	99				
Missing values:	0				
Min:	21502.00				
Mean:	21553.89				
Max:	21608.00				
Std. Dev.:	30.33				
Skew:	0.03				
Value	Label	Freq.	Percent		
14/11/18		8	0.1%		
15/11/18		1	0.0%		
21/11/18		257	4.6%		
22/11/18		309	5.5%		
23/11/18		188	3.4%		
All other values		4776	85.5%		
Percentiles:					
	10%	25%	50%	75%	90%
	22/11/18	12/12/18	10/01/19	10/01/19	18/02/19

Name:	IDDATE		
Type:	String		
Variable label:	Date Artefact Collected		
Unique values:	297		
Missing values:	0		
Value	Label	Freq.	Percent
00000000		156	2.8%
00062018		2	0.0%
00102018		2	0.0%
01022018		8	0.1%
01032018		48	0.9%
All other values		5371	96.1%