

Question: By the end of this school year, how many years will you have been teaching altogether?
Location: 2024 Context Data - TQG-01 (ATBLG01)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	201	1.1	11.5	23.4	1.0	2.0	4.0	14.0	24.0	33.0	40.0	45.0	55.0
Italy	319	259	0.7	2.8	22.0	1.0	4.0	6.0	13.0	23.0	30.0	35.0	40.0	54.0
Jordan	285	273	0.1	1.2	11.4	1.0	1.0	2.0	5.0	10.0	17.0	23.0	29.0	37.0
Korea, Rep. of	727	482	0.1	15.8	17.6	1.0	2.0	5.0	11.0	18.0	24.0	29.0	34.0	40.0
Kosovo	327	105	0.2	54.6	16.7	1.0	3.0	5.0	9.0	14.0	25.0	32.0	38.0	40.0
Montenegro	395	308	2.0	10.9	20.3	1.0	3.0	4.0	8.0	18.0	31.0	36.0	40.0	51.0
North Macedonia	341	211	0.5	21.8	11.0	0.0	1.0	2.0	5.0	10.0	15.0	24.0	30.0	41.0
Slovenia	368	254	0.0	16.5	21.8	1.0	4.0	6.0	12.0	21.0	31.0	38.0	39.0	41.0
Sweden	437	199	1.4	20.5	15.3	1.0	1.0	2.0	7.0	14.0	24.0	28.0	33.0	39.0
Table Average (9)	3556	2292	0.7	17.3	17.7	0.9	2.3	4.0	9.3	16.9	25.6	31.7	36.4	44.2

Question: Which of these describes you?
Location: 2024 Context Data - TQG-02 (ATBLG02)

Country	Sample	Valid N	1.Female %	2.Male %	3.<Other> %	Omitted %	Not Administered %	1.Female Mean	2.Male Mean	3.<Other> Mean	Omitted Mean	Not Administered Mean
Georgia	357	203	97.3	2.7	0.0	0.3	11.5	21.2	9.9	.	19.1	19.2
Italy	319	261	91.4	8.3	0.3	0.0	2.8	32.9	25.9	67.9	.	29.3
Jordan	285	273	68.0	32.0	0.0	0.7	1.2	19.4	17.9	.	-37.7	31.3
Korea, Rep. of	727	482	70.1	29.9	0.0	0.1	15.8	35.1	34.8	.	40.2	33.0
Kosovo	327	106	81.4	17.9	0.7	0.0	54.6	18.6	3.8	50.4	.	21.1
Montenegro	395	311	91.2	8.8	0.0	1.0	10.9	20.0	12.0	.	18.0	12.3
North Macedonia	341	213	79.3	20.7	0.0	0.0	21.8	10.4	5.0	.	.	12.1
Slovenia	368	254	92.4	6.7	0.8	0.0	16.5	37.9	36.9	48.5	.	37.4
Sweden	437	198	74.3	25.7	0.0	1.7	20.5	28.0	30.2	.	20.9	30.3
Table Average (9)	3556	2301	82.8	17.0	0.2	0.4	17.3	24.8	19.6	55.6	12.1	25.1

Question: How old are you?
Location: 2024 Context Data - TQG-03 (ATBLG03)

Country	Sample	Valid N	1.Under 25 %	2.25- 29 %	3.30- 39 %	4.40- 49 %	5.50- 59 %	6.60 or more %	Omitted %	Not Administered %
Georgia	357	203	2.4	3.8	4.8	27.4	30.3	31.2	0.3	11.5
Italy	319	260	0.0	2.7	6.9	25.3	45.3	19.8	0.6	2.8
Jordan	285	275	7.8	18.1	32.8	31.8	9.0	0.6	0.0	1.2
Korea, Rep. of	727	480	1.1	8.8	25.1	42.1	18.6	4.3	0.2	15.8
Kosovo	327	106	1.4	9.8	27.3	25.9	22.7	12.9	0.0	54.6
Montenegro	395	311	0.0	7.5	19.5	27.7	31.9	13.4	0.2	10.9
North Macedonia	341	212	2.3	12.9	31.7	32.6	13.7	6.8	0.5	21.8
Slovenia	368	254	0.0	5.2	19.0	35.6	28.9	11.3	0.0	16.5
Sweden	437	198	0.0	9.6	22.7	35.4	22.9	9.4	1.7	20.5
Table Average (9)	3556	2299	1.7	8.7	21.1	31.5	24.8	12.2	0.4	17.3

Question: How old are you?
Location: 2024 Context Data - TQG-03 (ATBLG03)

Country	Sample	Valid N	1.Under 25 Mean	2.25-29 Mean	3.30-39 Mean	4.40-49 Mean	5.50-59 Mean	6.60 or more Mean	Omitted Mean	Not Administered Mean
Georgia	357	203	34.7	25.7	22.7	22.3	17.5	21.1	16.6	19.2
Italy	319	260	.	38.2	32.2	33.6	31.9	30.4	61.6	29.3
Jordan	285	275	6.6	1.0	18.6	31.2	20.0	2.5	79.4	31.3
Korea, Rep. of	727	480	41.2	34.0	35.8	34.7	32.7	44.9	35.6	33.0
Kosovo	327	106	29.1	29.4	17.2	16.3	9.9	13.8	.	21.1
Montenegro	395	311	.	6.8	17.4	20.6	21.0	22.4	4.3	12.3
North Macedonia	341	212	9.5	11.0	9.5	8.2	12.4	7.8	-29.7	12.1
Slovenia	368	254	.	40.3	40.4	36.5	36.6	40.7	.	37.4
Sweden	437	198	47.7	27.6	28.4	27.0	31.4	29.2	20.9	30.3
Table Average (9)	3556	2299	28.1	23.8	24.7	25.6	23.7	23.6	27.0	25.1

Question: What is the highest level of formal education you have completed?
Location: 2024 Context Data - TQG-04 (ATBLG04)

Country	Sample	Valid N	1.No upper second ary %	2.Uppe r second ary %	3.Post second ary, non-te rtiary %	4.Shor t-cycl e tertia ry %	5.Bach elor's or equiva lent %	6.Mast er's or equiva lent %	7.Doct or or equiva lent %	Omitte d %	Not Admini stered %
Georgia	357	201	0.0	1.0	0.4	0.0	14.5	78.9	5.3	1.7	11.5
Italy	319	261	0.4	50.8	2.1	0.7	7.3	37.7	1.1	0.0	2.8
Jordan	285	272	0.6	4.0	0.0	1.6	81.3	12.1	0.4	0.6	1.2
Korea, Rep. of	727	479	0.0	0.0	0.0	0.0	61.2	38.6	0.2	0.5	15.8
Kosovo	327	105	0.0	3.7	0.0	1.3	83.9	9.1	1.9	0.6	54.6
Montenegro	395	310	0.0	0.4	0.7	15.4	8.0	75.5	0.0	0.5	10.9
North Macedonia	341	212	0.0	1.0	0.0	18.0	73.9	7.1	0.0	0.7	21.8
Slovenia	368	254	0.0	0.0	0.0	12.3	4.2	81.0	2.4	0.0	16.5
Sweden	437	198	0.0	1.0	0.4	6.3	69.6	22.4	0.4	1.7	20.5
Table Average (9)	3556	2292	0.1	6.9	0.4	6.2	44.9	40.3	1.3	0.7	17.3

Question: What is the highest level of formal education you have completed?
 Location: 2024 Context Data - TQG-04 (ATBLG04)

Country	Sample	Valid N	1.No upper second ary Mean	2.Uppe r second ary Mean	3.Post second ary, non-te rtiary Mean	4.Shor t-cycl e tertia ry Mean	5.Bach elor's or equiva lent Mean	6.Mast er's or equiva lent Mean	7.Doct or or equiva lent Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	.	69.8	51.6	.	17.9	20.3	34.2	2.7	19.2
Italy	319	261	45.0	32.4	37.8	52.5	31.9	31.9	28.2	.	29.3
Jordan	285	272	45.0	25.8	.	18.1	14.9	39.9	-14.6	23.4	31.3
Korea, Rep. of	727	479	.	.	.	.	35.2	34.8	33.7	35.3	33.0
Kosovo	327	105	.	17.8	.	-37.1	14.8	29.3	67.5	-11.7	21.1
Montenegro	395	310	.	-6.6	7.3	23.7	25.2	18.3	.	-19.9	12.3
North Macedonia	341	212	.	6.8	.	-4.1	12.7	18.8	.	-77.3	12.1
Slovenia	368	254	.	.	.	40.5	47.9	36.7	46.3	.	37.4
Sweden	437	198	.	30.3	8.4	26.4	28.8	29.3	2.4	20.9	30.3
Table Average (9)	3556	2292	45.0	25.2	26.3	17.1	25.5	28.8	28.2	-3.8	25.1

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--Primary/Elementary
 Location: 2024 Context Data - TQG-05Aa (ATBLG05AA)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	201	18.3	80.7	1.0	1.1	11.5	19.3	21.3	69.8	-22.0	19.2
Italy	319	258	19.6	28.8	51.6	0.8	2.8	33.3	32.8	32.5	-8.1	29.3
Jordan	285	270	22.3	73.1	4.6	1.1	1.2	5.3	20.8	28.2	91.9	31.3
Korea, Rep. of	727	478	92.6	7.4	0.0	0.6	15.8	35.0	36.0	.	35.8	33.0
Kosovo	327	104	82.7	13.5	3.8	1.4	54.6	14.0	24.7	17.8	34.5	21.1
Montenegro	395	304	75.1	24.5	0.4	2.1	10.9	20.8	14.4	-6.6	25.2	12.3
North Macedonia	341	209	30.2	68.8	1.0	0.6	21.8	18.8	5.2	6.8	12.5	12.1
Slovenia	368	254	98.0	2.0	0.0	0.0	16.5	38.1	26.9	.	.	37.4
Sweden	437	197	85.3	13.8	1.0	1.9	20.5	27.8	34.2	30.3	18.6	30.3
Table Average (9)	3556	2275	58.2	34.7	7.0	1.1	17.3	23.6	24.0	25.5	23.5	25.1

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--Secondary
 Location: 2024 Context Data - TQG-05Ab (ATBLG05AB)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	21.1	77.9	1.0	2.0	11.5	24.3	20.2	69.8	-8.3	19.2
Italy	319	258	8.5	40.0	51.6	0.8	2.8	29.1	33.8	32.5	-8.1	29.3
Jordan	285	270	15.8	79.6	4.6	1.1	1.2	-2.5	21.1	28.2	91.9	31.3
Korea, Rep. of	727	478	7.3	92.7	0.0	0.6	15.8	36.1	35.0	.	35.8	33.0
Kosovo	327	103	22.8	73.4	3.8	1.6	54.6	12.7	16.5	17.8	30.6	21.1
Montenegro	395	304	28.3	71.3	0.4	2.5	10.9	26.7	16.2	-6.6	26.0	12.3
North Macedonia	341	209	23.7	75.3	1.0	0.6	21.8	18.0	6.6	6.8	12.5	12.1
Slovenia	368	254	1.7	98.3	0.0	0.0	16.5	18.9	38.2	.	.	37.4
Sweden	437	193	15.8	83.2	1.0	3.3	20.5	28.3	28.5	30.3	27.3	30.3
Table Average (9)	3556	2268	16.1	76.8	7.0	1.4	17.3	21.3	24.0	25.5	26.0	25.1

Question: During your <post-secondary> education, what was your major or main area(s) of study? Mathematics
 Location: 2024 Context Data - TQG-05Ac (ATBLG05AC)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	10.6	88.5	1.0	1.6	11.5	21.3	20.8	69.8	-2.4	19.2
Italy	319	258	5.0	43.4	51.6	0.8	2.8	25.9	33.8	32.5	-8.1	29.3
Jordan	285	268	24.8	70.5	4.7	2.5	1.2	12.4	18.0	28.2	73.6	31.3
Korea, Rep. of	727	478	1.9	98.1	0.0	0.6	15.8	44.6	34.9	.	35.8	33.0
Kosovo	327	103	35.1	61.0	3.9	2.1	54.6	8.3	20.6	17.8	17.5	21.1
Montenegro	395	305	48.4	51.2	0.4	2.5	10.9	19.4	19.0	-6.6	25.7	12.3
North Macedonia	341	207	9.3	89.7	1.0	1.3	21.8	15.7	8.5	6.8	16.9	12.1
Slovenia	368	253	4.3	95.7	0.0	0.2	16.5	31.9	38.2	.	33.2	37.4
Sweden	437	196	70.7	28.3	1.0	2.8	20.5	29.7	26.0	30.3	22.3	30.3
Table Average (9)	3556	2267	23.3	69.6	7.1	1.6	17.3	23.2	24.4	25.5	23.8	25.1

Question: During your <post-secondary> education, what was your major or main area(s) of study? Science
 Location: 2024 Context Data - TQG-05Ad (ATBLG05AD)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	202	92.4	6.7	1.0	1.0	11.5	21.9	8.3	69.8	-21.9	19.2
Italy	319	258	7.2	41.3	51.6	0.8	2.8	25.0	34.4	32.5	-8.1	29.3
Jordan	285	270	86.4	9.0	4.6	1.1	1.2	15.9	28.8	28.2	91.9	31.3
Korea, Rep. of	727	478	5.2	94.8	0.0	0.6	15.8	42.9	34.6	.	35.8	33.0
Kosovo	327	104	36.1	60.0	3.8	1.4	54.6	9.4	19.2	17.8	34.5	21.1
Montenegro	395	304	44.4	55.2	0.4	2.3	10.9	21.4	17.5	-6.6	24.8	12.3
North Macedonia	341	209	81.1	17.9	1.0	0.6	21.8	11.4	-0.1	6.8	12.5	12.1
Slovenia	368	253	4.4	95.6	0.0	0.2	16.5	32.0	38.2	.	33.2	37.4
Sweden	437	196	73.0	26.1	1.0	2.8	20.5	30.0	24.8	30.3	22.3	30.3
Table Average (9)	3556	2274	47.8	45.2	7.0	1.2	17.3	23.3	22.9	25.5	25.0	25.1

Question: During your <post-secondary> education, what was your major or main area(s) of study? <language of test>
 Location: 2024 Context Data - TQG-05Ae (ATBLG05AE)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	201	9.1	89.9	1.0	1.3	11.5	26.2	20.4	69.8	-11.0	19.2
Italy	319	258	8.3	40.1	51.6	0.8	2.8	29.4	33.7	32.5	-8.1	29.3
Jordan	285	269	12.0	83.3	4.6	1.7	1.2	9.6	18.2	28.2	70.4	31.3
Korea, Rep. of	727	474	1.8	98.2	0.0	0.9	15.8	41.5	34.9	.	35.2	33.0
Kosovo	327	104	41.7	54.5	3.8	1.4	54.6	10.3	19.5	17.8	34.5	21.1
Montenegro	395	305	46.4	53.2	0.4	3.4	10.9	22.6	16.6	-6.6	19.2	12.3
North Macedonia	341	209	11.4	87.6	1.0	0.6	21.8	14.8	8.6	6.8	12.5	12.1
Slovenia	368	252	2.3	97.7	0.0	0.5	16.5	30.1	38.2	.	18.1	37.4
Sweden	437	195	47.1	51.9	1.0	3.1	20.5	30.2	27.3	30.3	21.8	30.3
Table Average (9)	3556	2267	20.0	72.9	7.0	1.5	17.3	23.9	24.2	25.5	21.4	25.1

Question: During your <post-secondary> education, what was your major or main area(s) of study? Other
 Location: 2024 Context Data - TQG-05Af (ATBLG05AF)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	200	22.8	76.2	1.0	1.7	11.5	22.1	20.4	69.8	4.3	19.2
Italy	319	257	27.5	20.5	52.0	1.4	2.8	33.0	33.3	32.5	6.7	29.3
Jordan	285	268	23.5	71.8	4.7	2.6	1.2	4.9	21.2	28.2	48.9	31.3
Korea, Rep. of	727	475	14.2	85.8	0.0	0.9	15.8	34.6	35.1	.	33.1	33.0
Kosovo	327	100	41.1	54.8	4.1	4.3	54.6	15.7	19.1	17.8	2.9	21.1
Montenegro	395	302	36.2	63.4	0.4	2.8	10.9	17.3	20.1	-6.6	27.4	12.3
North Macedonia	341	207	24.9	74.1	1.0	1.5	21.8	8.8	9.5	6.8	10.0	12.1
Slovenia	368	250	6.8	93.2	0.0	1.3	16.5	31.7	38.6	.	25.6	37.4
Sweden	437	191	54.2	44.7	1.0	4.2	20.5	28.8	29.0	30.3	20.3	30.3
Table Average (9)	3556	2250	27.9	65.0	7.1	2.3	17.3	21.9	25.1	25.5	19.9	25.1

Question: If your major or main area of study was education, did you have a <specialization> in any of the following? Mathematics
 Location: 2024 Context Data - TQG-05Ba (ATBLG05BA)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	8.0	88.3	3.6	1.9	11.5	3.7	22.3	38.4	-2.0	19.2
Italy	319	255	8.3	35.2	56.6	1.6	2.8	36.6	33.1	32.0	10.0	29.3
Jordan	285	270	19.2	75.3	5.6	1.1	1.2	-1.4	21.7	27.8	91.9	31.3
Korea, Rep. of	727	467	13.0	87.0	0.0	4.3	15.8	33.9	35.5	.	30.8	33.0
Kosovo	327	97	13.4	82.5	4.1	5.0	54.6	22.4	13.1	17.8	30.4	21.1
Montenegro	395	297	21.5	75.4	3.1	5.0	10.9	27.4	17.6	-5.9	24.4	12.3
North Macedonia	341	193	4.7	91.3	4.0	8.4	21.8	19.6	8.8	-18.3	18.6	12.1
Slovenia	368	251	7.2	92.8	0.0	0.9	16.5	46.5	37.2	.	38.4	37.4
Sweden	437	196	83.6	15.5	1.0	2.4	20.5	28.9	27.4	30.3	21.6	30.3
Table Average (9)	3556	2225	19.9	71.5	8.7	3.4	17.3	24.2	24.1	17.4	29.3	25.1

Question: If your major or main area of study was education, did you have a <specialization> in any of the following? Science
 Location: 2024 Context Data - TQG-05Bb (ATBLG05BB)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	201	93.5	2.9	3.6	1.3	11.5	20.8	18.4	38.4	-10.5	19.2
Italy	319	255	5.1	38.4	56.6	1.6	2.8	33.4	33.8	32.0	10.0	29.3
Jordan	285	269	82.3	12.1	5.6	1.2	1.2	14.2	36.6	27.8	90.3	31.3
Korea, Rep. of	727	466	17.3	82.7	0.0	4.4	15.8	36.6	35.0	.	30.5	33.0
Kosovo	327	93	10.4	85.2	4.4	7.2	54.6	21.0	13.7	17.8	24.8	21.1
Montenegro	395	296	21.8	75.1	3.1	5.5	10.9	31.2	16.8	-5.9	20.2	12.3
North Macedonia	341	197	53.4	42.7	3.9	6.1	21.8	7.4	14.8	-18.3	6.1	12.1
Slovenia	368	251	4.7	95.3	0.0	0.9	16.5	42.7	37.7	.	38.4	37.4
Sweden	437	196	81.7	17.4	1.0	2.4	20.5	29.3	25.6	30.3	21.6	30.3
Table Average (9)	3556	2224	41.1	50.2	8.7	3.4	17.3	26.3	25.8	17.4	25.7	25.1

Question: If your major or main area of study was education, did you have a <specialization> in any of the following? Language/reading
 Location: 2024 Context Data - TQG-05Bc (ATBLG05BC)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	5.6	90.8	3.6	1.8	11.5	11.6	21.4	38.4	-6.1	19.2
Italy	319	255	9.5	33.9	56.6	1.6	2.8	36.2	33.1	32.0	10.0	29.3
Jordan	285	269	7.6	86.8	5.6	1.2	1.2	13.8	17.3	27.8	90.3	31.3
Korea, Rep. of	727	464	10.8	89.2	0.0	4.8	15.8	33.5	35.4	.	31.9	33.0
Kosovo	327	94	17.5	78.2	4.3	6.8	54.6	15.9	14.5	17.8	24.0	21.1
Montenegro	395	295	27.6	69.3	3.1	5.9	10.9	27.5	17.0	-5.9	20.4	12.3
North Macedonia	341	189	3.6	92.3	4.1	9.7	21.8	29.0	8.6	-18.3	17.1	12.1
Slovenia	368	251	3.5	96.5	0.0	0.9	16.5	41.7	37.8	.	38.4	37.4
Sweden	437	195	51.2	47.8	1.0	2.8	20.5	27.9	29.1	30.3	26.1	30.3
Table Average (9)	3556	2211	15.2	76.1	8.7	3.9	17.3	26.3	23.8	17.4	28.0	25.1

Question: If your major or main area of study was education, did you have a <specialization> in any of the following? Other subject
 Location: 2024 Context Data - TQG-05Bd (ATBLG05BD)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	200	22.0	74.4	3.6	1.4	11.5	19.7	21.0	38.4	-6.7	19.2
Italy	319	258	18.1	25.8	56.1	0.8	2.8	33.9	33.3	32.0	-2.0	29.3
Jordan	285	269	21.7	72.7	5.6	1.2	1.2	13.3	18.2	27.8	90.3	31.3
Korea, Rep. of	727	475	71.4	28.6	0.0	1.3	15.8	35.5	33.9	.	34.1	33.0
Kosovo	327	95	17.2	78.5	4.3	6.3	54.6	19.7	14.8	17.8	18.9	21.1
Montenegro	395	299	28.2	68.7	3.0	4.6	10.9	20.9	19.5	-5.9	22.2	12.3
North Macedonia	341	191	18.0	77.9	4.0	8.5	21.8	10.3	8.9	-18.3	19.9	12.1
Slovenia	368	251	13.4	86.6	0.0	1.0	16.5	39.1	37.6	.	44.3	37.4
Sweden	437	195	61.6	37.4	1.0	2.8	20.5	25.7	33.7	30.3	20.2	30.3
Table Average (9)	3556	2233	30.2	61.2	8.6	3.1	17.3	24.2	24.6	17.4	26.8	25.1

Question: How would you characterize each of the following within your school? Teachers' understanding of the school's curricular goals
 Location: 2024 Context Data - TQG-06a (ATBLG06A)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	25.7	63.9	10.1	0.4	0.0	0.7	11.5	22.5	20.4	18.7	65.6	.	16.4	19.2
Italy	319	258	6.1	55.7	37.0	1.2	0.0	0.7	2.8	15.5	34.3	33.0	23.6	.	14.1	29.3
Jordan	285	269	35.5	52.4	11.6	0.5	0.0	2.7	1.2	20.1	20.3	-2.9	21.2	.	54.4	31.3
Korea, Rep. of	727	477	53.1	38.2	7.9	0.9	0.0	0.6	15.8	33.1	37.1	36.0	53.4	.	35.4	33.0
Kosovo	327	104	35.5	46.4	18.1	0.0	0.0	1.0	54.6	16.4	15.6	19.2	.	.	2.9	21.1
Montenegro	395	307	48.3	47.5	4.2	0.0	0.0	2.0	10.9	21.3	17.2	15.3	.	125.4	26.1	12.3
North Macedonia	341	209	35.5	47.6	16.9	0.0	0.0	1.8	21.8	11.6	7.3	9.6	.	.	13.5	12.1
Slovenia	368	252	17.2	67.2	15.6	0.0	0.0	1.0	16.5	38.8	37.4	40.2	.	.	25.1	37.4
Sweden	437	195	36.9	54.9	6.7	1.1	0.5	2.6	20.5	26.0	29.5	29.7	42.5	57.4	26.6	30.3
Table Average (9)	3556	2274	32.6	52.6	14.2	0.4	0.1	1.4	17.3	22.8	24.3	22.1	41.2	91.4	23.9	25.1

Question: How would you characterize each of the following within your school? Teachers' degree of success in implementing the school's curriculum
 Location: 2024 Context Data - TQG-06b (ATBLG06B)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	21.8	65.2	12.9	0.0	0.0	0.7	11.5	18.2	21.5	22.6	.	.	16.4	19.2
Italy	319	257	6.7	48.2	44.4	0.7	0.0	1.0	2.8	27.0	32.2	33.8	28.8	.	19.6	29.3
Jordan	285	267	31.8	53.1	13.8	1.3	0.0	3.7	1.2	16.0	21.3	4.8	40.9	.	42.5	31.3
Korea, Rep. of	727	476	52.2	41.7	4.3	1.8	0.0	0.6	15.8	34.6	34.6	34.9	57.1	.	35.7	33.0
Kosovo	327	104	24.7	47.3	28.0	0.0	0.0	1.0	54.6	18.1	14.5	18.5	.	.	2.9	21.1
Montenegro	395	306	41.3	51.4	6.7	0.6	0.0	2.5	10.9	19.7	18.1	20.3	41.2	125.4	25.6	12.3
North Macedonia	341	206	33.2	53.7	13.2	0.0	0.0	3.5	21.8	6.5	9.3	17.9	.	.	5.9	12.1
Slovenia	368	252	14.6	70.0	15.4	0.0	0.0	1.0	16.5	34.7	38.3	40.3	.	.	25.1	37.4
Sweden	437	195	28.4	59.1	9.6	2.0	0.9	2.6	20.5	24.7	29.7	28.5	36.8	54.5	26.6	30.3
Table Average (9)	3556	2266	28.3	54.4	16.5	0.7	0.1	1.8	17.3	22.2	24.4	24.6	41.0	89.9	22.3	25.1

Question: How would you characterize each of the following within your school? Teachers' expectations for student achievement
 Location: 2024 Context Data - TQG-06c (ATBLG06C)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	204	12.1	57.1	30.5	0.3	0.0	0.0	11.5	10.8	23.7	19.8	21.8	.	.	19.2
Italy	319	256	9.0	50.4	39.1	1.5	0.0	1.4	2.8	24.5	33.3	33.4	33.7	.	21.4	29.3
Jordan	285	264	21.7	44.3	30.9	2.4	0.8	3.2	1.2	7.2	21.8	16.8	39.1	45.0	43.4	31.3
Korea, Rep. of	727	475	35.6	40.8	18.0	5.4	0.2	0.9	15.8	32.0	35.2	37.9	45.0	29.1	34.1	33.0
Kosovo	327	104	27.8	52.8	17.7	1.7	0.0	1.0	54.6	12.7	17.5	18.8	24.1	.	2.9	21.1
Montenegro	395	306	27.6	57.8	14.6	0.0	0.0	2.1	10.9	22.4	18.5	15.2	.	125.4	25.4	12.3
North Macedonia	341	206	21.2	55.5	22.8	0.6	0.0	2.7	21.8	12.6	9.2	8.5	28.7	.	-7.4	12.1
Slovenia	368	251	6.7	70.0	21.6	1.7	0.0	1.1	16.5	36.8	37.8	37.4	58.2	.	28.2	37.4
Sweden	437	195	28.4	50.0	19.0	1.5	1.1	2.6	20.5	27.3	29.7	26.8	21.5	45.3	26.6	30.3
Table Average (9)	3556	2261	21.1	53.2	23.8	1.7	0.2	1.6	17.3	20.7	25.2	23.9	34.0	61.2	21.8	25.1

Question: How would you characterize each of the following within your school? Teachers' ability to inspire students
 Location: 2024 Context Data - TQG-06d (ATBLG06D)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	30.8	59.3	9.9	0.0	0.0	0.7	11.5	21.8	19.6	26.5	.	.	16.4	19.2
Italy	319	258	13.1	60.0	27.0	0.0	0.0	0.7	2.8	25.9	33.5	33.6	.	.	14.1	29.3
Jordan	285	266	36.9	41.9	18.0	3.3	0.0	2.8	1.2	8.7	27.2	15.2	8.3	79.4	49.6	31.3
Korea, Rep. of	727	476	50.2	42.8	6.7	0.3	0.0	0.7	15.8	32.6	37.5	37.8	31.7	.	34.0	33.0
Kosovo	327	104	40.6	53.2	6.2	0.0	0.0	1.0	54.6	8.3	19.7	42.9	.	.	2.9	21.1
Montenegro	395	307	41.2	51.4	6.9	0.4	0.0	2.0	10.9	22.2	16.0	24.3	9.5	125.4	26.1	12.3
North Macedonia	341	206	37.9	45.6	15.9	0.5	0.0	3.0	21.8	10.7	6.4	12.4	36.6	.	13.4	12.1
Slovenia	368	252	10.4	57.7	29.6	2.3	0.0	1.0	16.5	32.6	38.8	37.5	50.7	.	25.1	37.4
Sweden	437	195	23.3	47.8	23.7	4.0	1.1	2.6	20.5	31.4	27.1	29.6	16.4	45.3	26.6	30.3
Table Average (9)	3556	2267	31.6	51.1	16.0	1.2	0.1	1.6	17.3	21.6	25.1	28.9	25.6	83.4	23.2	25.1

Question: How would you characterize each of the following within your school? Parental involvement in school activities
 Location: 2024 Context Data - TQG-06e (ATBLG06E)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	6.7	37.6	47.9	7.1	0.7	1.8	11.5	24.0	19.7	22.4	12.4	23.1	27.9	19.2
Italy	319	258	5.0	37.7	51.0	5.8	0.6	0.7	2.8	34.8	30.5	33.5	37.8	7.4	14.1	29.3
Jordan	285	267	16.4	25.1	34.3	20.2	4.0	2.8	1.2	17.0	27.0	21.7	6.9	-22.4	53.2	31.3
Korea, Rep. of	727	474	23.6	32.0	30.6	12.0	1.8	0.8	15.8	29.8	34.5	36.5	42.1	39.6	38.0	33.0
Kosovo	327	103	15.9	28.3	47.0	7.8	0.9	1.2	54.6	16.4	8.4	21.2	16.4	29.9	6.5	21.1
Montenegro	395	306	17.0	28.7	45.3	7.7	1.3	2.1	10.9	23.1	18.4	18.9	12.5	29.4	25.4	12.3
North Macedonia	341	205	14.7	25.3	44.5	12.6	2.9	4.2	21.8	4.9	14.8	12.0	0.2	5.4	-2.3	12.1
Slovenia	368	252	2.3	16.4	59.9	18.7	2.7	1.0	16.5	41.2	32.8	39.9	37.0	34.3	25.1	37.4
Sweden	437	194	7.6	24.3	43.9	19.0	5.1	2.7	20.5	24.5	27.8	30.0	25.7	35.3	26.9	30.3
Table Average (9)	3556	2260	12.1	28.4	44.9	12.3	2.2	1.9	17.3	23.9	23.8	26.2	21.2	20.2	23.9	25.1

Question: How would you characterize each of the following within your school? Parental commitment to ensure that students are ready to learn
 Location: 2024 Context Data - TQG-06f (ATBLG06F)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	7.0	37.3	48.0	7.3	0.3	1.0	11.5	30.1	20.9	20.7	14.0	21.8	16.9	19.2
Italy	319	258	2.1	20.9	61.5	13.4	2.0	0.7	2.8	17.9	32.4	33.2	32.4	30.0	14.1	29.3
Jordan	285	268	15.6	21.0	36.0	19.6	7.8	3.1	1.2	13.0	36.1	23.2	-0.4	-4.2	47.7	31.3
Korea, Rep. of	727	476	20.1	33.1	29.6	14.3	2.8	0.6	15.8	29.2	33.8	36.8	41.9	38.3	35.0	33.0
Kosovo	327	104	15.3	26.3	47.4	10.0	0.9	1.0	54.6	18.2	13.0	19.2	9.5	29.9	2.9	21.1
Montenegro	395	307	14.1	23.6	48.9	10.1	3.3	2.0	10.9	19.6	18.4	19.7	14.7	27.5	26.1	12.3
North Macedonia	341	205	14.1	26.9	41.7	13.8	3.5	3.9	21.8	0.8	17.4	9.5	-1.4	21.2	9.5	12.1
Slovenia	368	252	1.9	11.6	56.4	23.6	6.5	1.0	16.5	36.7	31.9	40.4	35.5	38.4	25.1	37.4
Sweden	437	195	8.4	22.7	43.4	18.8	6.6	2.6	20.5	23.5	27.0	30.1	28.4	29.4	26.6	30.3
Table Average (9)	3556	2267	11.0	24.8	45.9	14.5	3.8	1.8	17.3	21.0	25.6	25.9	19.4	25.8	22.7	25.1

Question: How would you characterize each of the following within your school? Parental expectations for student achievement
 Location: 2024 Context Data - TQG-06g (ATBLG06G)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	16.3	65.6	17.5	0.6	0.0	3.3	11.5	30.0	19.7	22.0	14.9	.	-0.8	19.2
Italy	319	259	11.9	50.6	36.3	1.2	0.0	0.6	2.8	32.0	31.7	33.6	34.9	.	23.3	29.3
Jordan	285	266	12.5	36.3	40.1	5.9	5.2	4.8	1.2	10.5	21.8	22.2	32.3	-41.6	31.6	31.3
Korea, Rep. of	727	476	30.4	38.8	24.8	5.4	0.7	0.7	15.8	29.8	35.3	39.2	44.2	24.9	36.6	33.0
Kosovo	327	101	22.0	54.7	22.4	1.0	0.0	2.3	54.6	13.9	16.7	20.7	29.9	.	0.4	21.1
Montenegro	395	311	50.0	40.9	8.4	0.7	0.0	0.6	10.9	20.3	17.4	21.2	23.3	125.4	28.6	12.3
North Macedonia	341	207	27.2	49.5	20.6	2.2	0.4	2.4	21.8	9.7	11.7	4.2	-14.1	2.9	19.3	12.1
Slovenia	368	251	32.5	55.1	11.3	1.1	0.0	1.0	16.5	37.3	38.7	35.4	34.7	.	46.0	37.4
Sweden	437	194	16.2	38.3	38.1	6.3	1.1	3.3	20.5	29.6	27.2	29.9	23.8	45.3	24.4	30.3
Table Average (9)	3556	2263	24.3	47.8	24.4	2.7	0.8	2.1	17.3	23.7	24.5	25.4	24.9	31.4	23.3	25.1

Question: How would you characterize each of the following within your school? Parental support for student achievement
 Location: 2024 Context Data - TQG-06h (ATBLG06H)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	6.5	45.7	43.5	4.2	0.0	3.9	11.5	34.6	22.9	18.2	26.7	.	2.2	19.2
Italy	319	259	2.3	15.5	64.9	16.5	0.7	0.6	2.8	0.3	35.7	32.4	34.3	26.1	23.3	29.3
Jordan	285	266	10.5	31.9	39.1	11.6	6.9	4.8	1.2	36.3	23.0	18.8	4.2	-16.4	31.6	31.3
Korea, Rep. of	727	475	25.0	29.5	32.9	11.1	1.5	0.7	15.8	29.4	33.8	37.2	43.5	41.7	36.3	33.0
Kosovo	327	101	7.4	39.7	47.4	4.6	1.0	2.3	54.6	22.6	17.5	17.7	-3.8	29.9	0.4	21.1
Montenegro	395	311	11.2	23.4	56.7	7.1	1.7	0.6	10.9	25.7	14.3	18.9	24.6	30.9	28.6	12.3
North Macedonia	341	204	12.7	37.3	39.3	8.3	2.3	3.3	21.8	-0.5	12.9	9.3	2.3	19.2	15.2	12.1
Slovenia	368	250	1.6	15.6	68.8	12.8	1.2	1.5	16.5	24.4	36.5	39.1	35.1	46.6	31.8	37.4
Sweden	437	194	8.1	17.6	50.9	19.1	4.2	3.3	20.5	25.7	28.5	28.6	27.7	38.9	24.4	30.3
Table Average (9)	3556	2257	9.5	28.5	49.3	10.6	2.2	2.3	17.3	22.1	25.0	24.5	21.6	27.1	21.5	25.1

Question: How would you characterize each of the following within your school? Students' desire to do well in school
 Location: 2024 Context Data - TQG-06i (ATBLG06I)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	4.2	53.8	40.1	1.5	0.4	4.3	11.5	24.3	24.5	19.9	-28.8	21.8	1.8	19.2
Italy	319	259	5.0	36.6	54.0	4.3	0.0	0.6	2.8	26.0	30.6	33.7	40.0	.	23.3	29.3
Jordan	285	265	11.0	40.0	39.5	8.5	1.0	5.0	1.2	23.9	19.9	13.8	19.8	6.1	32.5	31.3
Korea, Rep. of	727	475	22.5	36.5	31.6	8.3	1.1	0.7	15.8	29.8	33.6	37.5	47.2	29.3	36.3	33.0
Kosovo	327	100	19.9	55.3	23.0	1.9	0.0	2.5	54.6	8.9	15.2	27.3	33.7	.	1.3	21.1
Montenegro	395	310	14.4	44.3	37.5	3.8	0.0	0.7	10.9	22.3	15.3	21.1	36.6	125.4	15.0	12.3
North Macedonia	341	208	15.1	41.7	36.5	6.2	0.4	1.6	21.8	11.1	12.1	3.9	19.4	2.9	7.1	12.1
Slovenia	368	251	14.0	50.4	30.6	3.8	1.2	1.0	16.5	38.2	37.4	39.2	29.2	42.4	46.0	37.4
Sweden	437	193	9.3	38.6	45.4	6.0	0.7	4.2	20.5	32.8	28.9	28.0	23.8	37.1	25.6	30.3
Table Average (9)	3556	2258	12.8	44.1	37.6	4.9	0.5	2.3	17.3	24.1	24.2	24.9	24.5	37.9	21.0	25.1

Question: How would you characterize each of the following within your school? Students' ability to reach school's academic goals
 Location: 2024 Context Data - TQG-06j (ATBLG06j)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	6.1	47.3	45.2	1.4	0.0	3.3	11.5	26.8	22.7	19.9	26.0	.	-0.8	19.2
Italy	319	257	1.6	22.3	72.4	3.2	0.5	1.3	2.8	-5.4	32.4	33.6	25.8	5.1	38.6	29.3
Jordan	285	266	10.2	31.8	49.4	6.1	2.5	4.8	1.2	12.9	24.0	15.4	10.1	26.9	31.6	31.3
Korea, Rep. of	727	475	18.3	30.4	35.2	15.6	0.5	0.8	15.8	28.4	32.5	36.9	43.5	32.7	39.1	33.0
Kosovo	327	101	11.3	48.3	38.2	2.2	0.0	2.3	54.6	6.4	18.9	19.2	-5.7	.	0.4	21.1
Montenegro	395	311	9.9	41.1	46.1	2.8	0.0	0.6	10.9	23.8	18.8	18.0	27.6	125.4	28.6	12.3
North Macedonia	341	209	10.2	46.4	38.1	3.6	1.6	1.5	21.8	-4.3	12.8	8.9	-10.1	16.1	36.7	12.1
Slovenia	368	249	1.6	18.4	74.6	4.7	0.7	1.6	16.5	16.6	39.1	37.6	45.2	40.7	37.8	37.4
Sweden	437	194	6.9	38.0	43.6	10.2	1.3	3.3	20.5	27.9	27.1	30.8	23.4	42.3	24.4	30.3
Table Average (9)	3556	2260	8.5	36.0	49.2	5.5	0.8	2.2	17.3	14.8	25.4	24.5	20.7	41.3	26.3	25.1

Question: How would you characterize each of the following within your school? Students' respect for classmates who excel academically
 Location: 2024 Context Data - TQG-06k (ATBLG06K)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	8.1	58.6	32.2	0.4	0.7	3.3	11.5	21.4	22.2	21.2	9.6	23.1	-0.8	19.2
Italy	319	259	3.6	45.0	48.7	2.2	0.5	0.6	2.8	29.3	35.0	31.5	12.9	5.1	23.3	29.3
Jordan	285	267	15.5	46.3	32.4	3.8	2.0	4.0	1.2	8.8	23.1	11.1	25.9	54.7	37.5	31.3
Korea, Rep. of	727	475	20.8	49.4	25.1	4.7	0.0	0.8	15.8	30.0	35.3	37.9	40.3	.	33.3	33.0
Kosovo	327	100	19.6	48.3	27.7	4.4	0.0	2.8	54.6	8.6	15.8	27.7	3.4	.	2.8	21.1
Montenegro	395	309	17.6	43.5	35.4	3.5	0.0	1.3	10.9	20.8	19.2	17.5	32.5	79.0	13.3	12.3
North Macedonia	341	207	14.2	41.4	40.1	3.4	0.8	2.3	21.8	3.0	9.8	9.5	8.0	41.4	21.4	12.1
Slovenia	368	251	2.2	26.7	63.4	6.3	1.4	1.0	16.5	30.6	41.3	35.7	43.9	49.7	46.0	37.4
Sweden	437	194	12.6	37.0	39.9	8.4	2.0	3.3	20.5	29.4	30.9	27.0	21.7	40.3	24.4	30.3
Table Average (9)	3556	2260	12.7	44.0	38.3	4.1	0.8	2.2	17.3	20.2	25.8	24.4	22.0	41.9	22.4	25.1

Question: How often do you have these feelings about being a teacher? I am content with my profession as a teacher
 Location: 2024 Context Data - TQG-07a (ATBLG07A)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	45.8	47.9	5.9	0.4	0.5	11.5	23.0	17.3	32.4	29.8	30.3	19.2
Italy	319	261	36.6	54.4	9.0	0.0	0.0	2.8	30.6	32.5	39.2	.	.	29.3
Jordan	285	272	60.5	34.7	4.8	0.0	0.9	1.2	14.5	23.8	27.6	34.0	33.5	31.3
Korea, Rep. of	727	478	37.2	39.2	21.3	2.3	0.5	15.8	32.5	37.1	35.1	40.3	35.5	33.0
Kosovo	327	103	73.4	24.5	2.1	0.0	1.8	54.6	15.5	20.5	13.6	.	6.2	21.1
Montenegro	395	307	51.6	39.2	9.2	0.0	2.2	10.9	16.8	22.0	22.2	40.1	16.2	12.3
North Macedonia	341	206	54.5	34.4	9.8	1.4	3.5	21.8	8.7	9.9	11.2	3.3	9.7	12.1
Slovenia	368	252	33.5	54.0	12.6	0.0	0.6	16.5	35.7	39.6	36.1	.	43.0	37.4
Sweden	437	193	39.1	44.1	15.4	1.4	3.6	20.5	30.2	27.1	28.9	32.6	23.5	30.3
Table Average (9)	3556	2275	48.0	41.4	10.0	0.6	1.5	17.3	23.1	25.5	27.4	30.0	24.8	25.1

Question: How often do you have these feelings about being a teacher? I find my work full of meaning and purpose
 Location: 2024 Context Data - TQG-07b (ATBLG07B)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	63.4	36.0	0.6	0.0	0.7	11.5	22.9	17.6	14.3	.	16.4	19.2
Italy	319	261	68.5	30.3	1.2	0.0	0.0	2.8	30.5	35.6	59.6	.	.	29.3
Jordan	285	272	66.6	31.0	2.4	0.0	0.9	1.2	20.6	13.3	21.3	.	33.5	31.3
Korea, Rep. of	727	478	40.2	36.6	20.6	2.5	0.5	15.8	32.5	36.5	37.0	38.0	35.5	33.0
Kosovo	327	103	70.6	26.1	3.3	0.0	1.8	54.6	16.1	20.7	-2.8	.	6.2	21.1
Montenegro	395	307	75.1	23.8	1.1	0.0	2.2	10.9	19.4	22.0	-41.1	.	16.2	12.3
North Macedonia	341	206	65.6	28.7	4.5	1.2	3.1	21.8	11.7	3.2	25.1	-26.8	7.1	12.1
Slovenia	368	252	36.1	56.1	7.8	0.0	0.6	16.5	36.9	38.7	36.7	.	43.0	37.4
Sweden	437	193	62.5	34.5	2.5	0.5	3.6	20.5	27.6	30.4	25.3	57.4	23.5	30.3
Table Average (9)	3556	2275	61.0	33.7	4.9	0.5	1.5	17.3	24.2	24.2	19.5	22.9	22.7	25.1

Question: How often do you have these feelings about being a teacher? I am enthusiastic about my job
 Location: 2024 Context Data - TQG-07c (ATBLG07C)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	59.4	38.5	2.1	0.0	1.5	11.5	18.3	24.5	33.1	.	18.6	19.2
Italy	319	261	47.7	45.5	6.3	0.5	0.0	2.8	32.6	31.2	38.0	55.9	.	29.3
Jordan	285	272	58.3	37.2	3.7	0.9	0.9	1.2	20.2	12.5	41.9	49.2	33.5	31.3
Korea, Rep. of	727	473	37.8	40.7	19.3	2.2	0.9	15.8	32.6	35.0	39.5	38.8	33.8	33.0
Kosovo	327	102	79.9	18.1	2.0	0.0	2.0	54.6	13.6	29.6	28.3	.	3.9	21.1
Montenegro	395	305	60.1	36.0	3.5	0.4	2.3	10.9	16.5	22.0	40.3	42.2	15.8	12.3
North Macedonia	341	205	69.9	25.2	4.6	0.4	3.4	21.8	8.7	9.3	17.4	-24.3	13.5	12.1
Slovenia	368	252	30.6	50.5	18.5	0.3	0.6	16.5	36.4	37.9	39.9	48.0	43.0	37.4
Sweden	437	193	35.4	46.4	17.4	0.8	3.6	20.5	28.6	27.7	30.4	51.9	23.5	30.3
Table Average (9)	3556	2265	53.2	37.6	8.6	0.6	1.7	17.3	23.0	25.5	34.3	37.4	23.2	25.1

Question: How often do you have these feelings about being a teacher? My work inspires me
 Location: 2024 Context Data - TQG-07d (ATBLG07D)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	44.2	45.7	10.1	0.0	0.7	11.5	19.5	22.3	21.0	.	16.4	19.2
Italy	319	261	52.3	41.5	6.2	0.0	0.0	2.8	32.7	31.7	34.2	.	.	29.3
Jordan	285	272	57.7	31.9	9.5	0.9	0.9	1.2	20.6	18.9	0.5	49.2	33.5	31.3
Korea, Rep. of	727	476	31.9	29.6	33.6	4.9	0.6	15.8	31.6	36.3	36.8	37.9	34.6	33.0
Kosovo	327	103	76.5	21.6	2.0	0.0	1.8	54.6	12.6	30.0	26.2	.	6.2	21.1
Montenegro	395	307	60.7	35.2	3.8	0.4	2.2	10.9	17.5	21.6	27.3	42.2	16.2	12.3
North Macedonia	341	209	65.8	25.5	8.3	0.4	1.8	21.8	9.9	4.7	16.6	-24.3	21.6	12.1
Slovenia	368	252	31.7	52.3	15.6	0.3	0.6	16.5	36.2	37.1	43.5	48.0	43.0	37.4
Sweden	437	191	35.6	42.3	21.3	0.8	4.6	20.5	27.4	29.3	28.7	51.9	24.5	30.3
Table Average (9)	3556	2274	50.7	36.2	12.3	0.8	1.5	17.3	23.1	25.8	26.1	34.1	24.5	25.1

Question: How often do you have these feelings about being a teacher? I am proud of the work I do
 Location: 2024 Context Data - TQG-07e (ATBLG07E)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	58.6	33.9	7.4	0.0	1.2	11.5	22.4	17.4	24.7	.	22.5	19.2
Italy	319	261	53.4	40.5	5.5	0.6	0.0	2.8	30.2	33.9	44.4	14.3	.	29.3
Jordan	285	272	65.2	30.9	3.8	0.1	0.9	1.2	19.4	16.2	18.4	25.2	33.5	31.3
Korea, Rep. of	727	476	40.7	29.1	26.1	4.1	0.6	15.8	32.5	36.5	36.9	38.2	34.6	33.0
Kosovo	327	102	82.3	15.5	1.8	0.4	2.3	54.6	15.1	24.8	24.3	-20.5	8.7	21.1
Montenegro	395	307	64.0	29.8	6.3	0.0	2.2	10.9	20.0	18.5	17.1	.	16.2	12.3
North Macedonia	341	207	66.6	22.8	9.1	1.5	2.2	21.8	10.7	6.1	8.3	23.1	-1.9	12.1
Slovenia	368	252	44.8	47.0	6.8	1.3	0.6	16.5	37.2	37.8	42.8	36.7	43.0	37.4
Sweden	437	193	42.2	46.8	10.5	0.5	3.6	20.5	26.3	29.8	31.9	57.4	23.5	30.3
Table Average (9)	3556	2272	57.5	32.9	8.6	0.9	1.5	17.3	23.8	24.6	27.6	24.9	22.5	25.1

Question: How often do you have these feelings about being a teacher? I feel appreciated as a teacher
Location: 2024 Context Data - TQG-07f (ATBLG07F)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	26.4	43.6	27.9	2.0	1.5	11.5	18.5	26.0	15.3	27.5	11.9	19.2
Italy	319	261	27.3	50.4	20.8	1.4	0.0	2.8	30.9	33.2	31.8	42.6	.	29.3
Jordan	285	271	48.6	31.5	15.7	4.1	1.6	1.2	16.1	12.8	32.7	26.4	43.4	31.3
Korea, Rep. of	727	476	32.1	27.9	34.5	5.5	0.6	15.8	31.5	33.7	39.2	36.1	34.5	33.0
Kosovo	327	103	45.3	45.2	8.6	0.9	1.8	54.6	15.9	18.2	10.9	29.9	6.2	21.1
Montenegro	395	306	34.5	32.0	30.3	3.2	2.6	10.9	16.9	15.7	24.0	35.2	19.8	12.3
North Macedonia	341	206	36.6	37.0	21.9	4.5	2.8	21.8	3.1	13.1	9.7	23.6	12.4	12.1
Slovenia	368	252	6.4	26.2	58.3	9.0	0.6	16.5	39.0	37.3	37.7	39.6	43.0	37.4
Sweden	437	193	24.2	43.1	30.6	2.2	3.6	20.5	28.2	29.2	28.0	32.4	23.5	30.3
Table Average (9)	3556	2270	31.3	37.4	27.6	3.7	1.7	17.3	22.2	24.4	25.5	32.6	24.3	25.1

Question: How often do you have these feelings about being a teacher? I enjoy the challenges of teaching
Location: 2024 Context Data - TQG-07g (ATBLG07G)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	35.0	51.2	13.8	0.0	0.7	11.5	21.8	20.5	20.6	.	16.4	19.2
Italy	319	261	44.3	47.5	7.0	1.2	0.0	2.8	32.0	31.8	39.3	31.3	.	29.3
Jordan	285	272	43.7	37.0	16.0	3.3	0.9	1.2	23.0	6.2	29.3	41.2	33.5	31.3
Korea, Rep. of	727	477	33.1	35.6	25.8	5.4	0.5	15.8	32.2	34.6	38.8	37.3	35.0	33.0
Kosovo	327	103	65.9	29.7	3.4	1.1	1.8	54.6	14.2	19.3	39.9	18.6	6.2	21.1
Montenegro	395	304	56.7	37.7	4.3	1.2	3.7	10.9	18.6	17.8	35.0	23.9	24.9	12.3
North Macedonia	341	207	50.3	34.1	12.3	3.3	2.5	21.8	4.8	13.1	14.3	17.6	12.5	12.1
Slovenia	368	252	38.9	51.0	10.2	0.0	0.6	16.5	35.5	38.4	44.2	.	43.0	37.4
Sweden	437	193	33.1	55.5	10.9	0.5	3.6	20.5	28.4	28.5	29.2	57.4	23.5	30.3
Table Average (9)	3556	2272	44.6	42.2	11.5	1.8	1.6	17.3	23.4	23.3	32.3	32.5	24.4	25.1

Question: How many students are in this class?
Location: 2024 Context Data - TQG-08A (ATBLG08A)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	191	6.3	11.5	23.0	2.0	8.0	10.0	16.0	23.0	27.0	29.0	29.0	126.0
Italy	319	260	0.3	2.8	19.6	3.0	13.0	15.0	17.0	20.0	22.0	25.0	25.0	30.0
Jordan	285	248	10.3	1.2	28.7	2.0	12.0	15.0	20.0	28.0	35.0	42.0	49.0	90.0
Korea, Rep. of	727	456	6.7	15.8	31.5	2.0	5.0	8.0	20.0	24.0	27.0	58.0	97.0	198.0
Kosovo	327	92	5.8	54.6	21.3	4.0	8.0	10.0	16.0	21.0	27.0	31.0	33.0	42.0
Montenegro	395	304	3.6	10.9	22.4	1.0	8.0	14.0	20.0	24.0	27.0	29.0	30.0	77.0
North Macedonia	341	196	6.3	21.8	23.7	2.0	8.0	10.0	15.0	20.0	26.0	31.0	44.0	200.0
Slovenia	368	222	10.5	16.5	20.7	1.0	10.0	14.0	18.0	21.0	25.0	27.0	27.0	55.0
Sweden	437	185	6.6	20.5	23.9	5.0	15.0	16.0	20.0	23.0	27.0	29.0	34.0	64.0
Table Average (9)	3556	2154	6.3	17.3	23.9	2.4	9.7	12.4	18.0	22.7	27.0	33.4	40.9	98.0

Question: How many of the students in #G8A are in <fifth grade>?
 Location: 2024 Context Data - TQG-08B (ATBLG08B)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	194	5.0	11.5	21.1	2.0	7.0	10.0	15.0	22.0	26.0	29.0	29.0	105.0
Italy	319	259	1.0	2.8	19.5	3.0	13.0	15.0	17.0	20.0	22.0	24.0	25.0	30.0
Jordan	285	238	13.8	1.2	25.3	2.0	10.0	13.0	18.0	25.0	32.0	37.0	43.0	58.0
Korea, Rep. of	727	453	6.2	15.8	25.1	2.0	4.0	5.0	17.0	22.0	26.0	43.0	60.0	170.0
Kosovo	327	91	6.4	54.6	20.1	1.0	5.0	8.0	15.0	20.0	26.0	31.0	33.0	37.0
Montenegro	395	305	2.7	10.9	22.0	1.0	6.0	13.0	20.0	24.0	26.0	28.0	30.0	31.0
North Macedonia	341	195	6.2	21.8	21.7	2.0	7.0	9.0	15.0	20.0	26.0	30.0	41.0	80.0
Slovenia	368	213	12.4	16.5	20.4	2.0	10.0	12.0	18.0	21.0	24.0	27.0	27.0	42.0
Sweden	437	184	7.1	20.5	23.6	4.0	15.0	16.0	20.0	23.0	27.0	29.0	34.0	64.0
Table Average (9)	3556	2132	6.8	17.3	22.1	2.1	8.6	11.2	17.2	21.9	26.1	30.9	35.8	68.6

Question: How many <fifth grade> students experience difficulties understanding spoken <language of test>?
Location: 2024 Context Data - TQG-09 (ATBLG09)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	201	1.0	11.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	28.0
Italy	319	259	0.9	2.8	1.9	0.0	0.0	0.0	0.0	1.0	3.0	5.0	7.0	15.0
Jordan	285	261	3.7	1.2	4.9	0.0	0.0	0.0	0.0	2.0	7.0	14.0	20.0	50.0
Korea, Rep. of	727	471	1.8	15.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	28.0
Kosovo	327	100	2.9	54.6	1.6	0.0	0.0	0.0	0.0	1.0	2.0	3.0	5.0	21.0
Montenegro	395	307	2.0	10.9	1.6	0.0	0.0	0.0	0.0	0.0	2.0	5.0	7.0	26.0
North Macedonia	341	206	2.2	21.8	0.8	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	23.0
Slovenia	368	247	1.4	16.5	2.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	7.0	15.0
Sweden	437	196	2.3	20.5	1.2	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	27.0
Table Average (9)	3556	2248	2.0	17.3	1.7	0.0	0.0	0.0	0.0	0.6	2.1	4.4	6.9	25.9

Question: How often do you do the following in teaching this class? Relate the lesson to students' daily lives
 Location: 2024 Context Data - TQG-10a (ATBLG10A)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	200	61.4	26.8	11.8	0.0	1.7	11.5	22.5	21.1	16.0	.	-0.1	19.2
Italy	319	260	65.0	26.5	8.6	0.0	0.4	2.8	32.0	31.2	38.6	.	44.5	29.3
Jordan	285	273	79.0	17.8	3.1	0.1	1.0	1.2	18.1	17.5	26.3	82.8	35.9	31.3
Korea, Rep. of	727	472	59.8	28.1	12.1	0.0	1.2	15.8	34.5	37.2	33.4	.	29.1	33.0
Kosovo	327	102	74.1	13.0	12.4	0.5	2.2	54.6	15.7	19.5	18.0	41.8	9.3	21.1
Montenegro	395	309	82.2	15.5	2.2	0.0	1.1	10.9	20.1	16.9	11.8	.	10.1	12.3
North Macedonia	341	207	72.0	11.8	15.8	0.4	2.8	21.8	9.7	21.5	-3.2	-9.1	18.9	12.1
Slovenia	368	248	64.2	30.5	5.3	0.0	2.5	16.5	37.2	39.5	39.2	.	35.1	37.4
Sweden	437	197	51.1	37.7	11.2	0.0	1.6	20.5	28.6	28.9	26.3	.	26.3	30.3
Table Average (9)	3556	2268	67.6	23.1	9.2	0.1	1.6	17.3	24.3	25.9	23.0	38.5	23.2	25.1

Question: How often do you do the following in teaching this class? Ask students to explain their answers
 Location: 2024 Context Data - TQG-10b (ATBLG10B)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	201	67.0	26.1	6.8	0.0	1.4	11.5	22.0	19.1	24.1	.	-7.5	19.2
Italy	319	259	76.9	20.0	2.8	0.3	0.7	2.8	33.2	27.9	40.9	38.4	36.4	29.3
Jordan	285	271	53.9	34.3	11.8	0.0	1.3	1.2	19.9	15.3	18.6	.	43.7	31.3
Korea, Rep. of	727	471	41.6	44.4	13.2	0.8	1.7	15.8	31.5	37.5	38.1	35.1	35.0	33.0
Kosovo	327	102	68.6	23.5	7.9	0.0	2.2	54.6	18.8	8.9	20.1	.	9.3	21.1
Montenegro	395	309	85.3	12.3	2.4	0.0	1.1	10.9	20.0	21.0	-11.7	.	10.1	12.3
North Macedonia	341	204	68.7	23.8	7.2	0.4	3.9	21.8	10.5	8.8	-0.1	-4.4	9.4	12.1
Slovenia	368	248	65.3	29.9	4.9	0.0	2.5	16.5	39.0	36.8	32.4	.	35.1	37.4
Sweden	437	196	72.5	23.6	3.9	0.0	1.8	20.5	27.7	32.0	21.7	.	26.7	30.3
Table Average (9)	3556	2261	66.6	26.4	6.8	0.2	1.8	17.3	24.7	23.0	20.5	23.0	22.0	25.1

Question: How often do you do the following in teaching this class? Communicate goals or objectives for the lesson to the students
 Location: 2024 Context Data - TQG-10c (ATBLG10C)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	196	86.0	12.9	1.2	0.0	4.1	11.5	21.8	14.5	11.0	.	23.9	19.2
Italy	319	259	63.4	27.9	8.8	0.0	0.9	2.8	33.7	31.0	28.4	.	22.5	29.3
Jordan	285	264	83.0	12.5	4.5	0.0	5.5	1.2	22.5	17.7	-50.5	.	17.4	31.3
Korea, Rep. of	727	468	68.1	24.9	7.0	0.0	1.8	15.8	34.1	36.6	39.8	.	32.3	33.0
Kosovo	327	101	77.2	16.0	6.3	0.4	3.0	54.6	16.1	24.2	7.5	25.2	7.1	21.1
Montenegro	395	307	70.5	20.5	7.6	1.3	1.3	10.9	19.9	18.2	24.6	-9.0	2.3	12.3
North Macedonia	341	204	81.5	13.9	4.6	0.0	2.9	21.8	9.3	15.4	-6.8	.	6.9	12.1
Slovenia	368	248	50.2	40.5	9.3	0.0	2.5	16.5	36.3	39.3	41.5	.	35.1	37.4
Sweden	437	197	60.9	31.5	7.6	0.0	1.6	20.5	28.4	29.9	23.3	.	26.3	30.3
Table Average (9)	3556	2244	71.2	22.3	6.3	0.2	2.6	17.3	24.7	25.2	13.2	8.1	19.3	25.1

Question: How often do you do the following in teaching this class? Ask students to complete challenging exercises that require them to go beyond the instruction

Location: 2024 Context Data - TQG-10d (ATBLG10D)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	197	28.5	28.8	36.9	5.8	3.0	11.5	17.7	19.2	25.7	33.8	-11.0	19.2
Italy	319	259	19.8	39.2	35.7	5.3	0.8	2.8	31.9	32.2	32.9	30.6	42.9	29.3
Jordan	285	272	27.2	37.5	33.3	2.0	1.2	1.2	24.6	15.5	17.4	0.0	37.5	31.3
Korea, Rep. of	727	470	24.3	32.2	39.0	4.5	1.3	15.8	34.6	35.4	34.9	38.6	29.0	33.0
Kosovo	327	102	36.3	34.5	26.7	2.5	2.2	54.6	16.2	22.1	7.5	43.7	9.3	21.1
Montenegro	395	306	42.6	41.9	15.5	0.0	2.1	10.9	17.6	20.8	21.1	.	11.7	12.3
North Macedonia	341	204	27.0	32.9	33.5	6.6	3.5	21.8	7.1	12.5	10.1	-5.0	13.9	12.1
Slovenia	368	248	17.2	54.1	28.7	0.0	2.5	16.5	37.3	38.1	38.2	.	35.1	37.4
Sweden	437	197	19.4	39.4	40.8	0.4	1.6	20.5	33.4	26.6	28.1	10.7	26.3	30.3
Table Average (9)	3556	2255	26.9	37.8	32.2	3.0	2.0	17.3	24.5	24.7	24.0	21.8	21.6	25.1

Question: How often do you do the following in teaching this class? Encourage classroom discussions among students
 Location: 2024 Context Data - TQG-10e (ATBLG10E)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	201	49.4	38.4	11.1	1.1	1.4	11.5	23.9	18.7	17.6	39.8	-7.5	19.2
Italy	319	259	64.2	24.9	10.9	0.0	0.5	2.8	32.6	31.4	32.7	.	47.5	29.3
Jordan	285	273	51.5	36.3	11.9	0.3	1.0	1.2	16.1	28.0	-0.5	-13.6	35.9	31.3
Korea, Rep. of	727	472	19.2	31.5	46.4	2.9	1.2	15.8	33.2	36.9	34.4	40.4	29.1	33.0
Kosovo	327	102	64.9	21.0	13.6	0.5	2.2	54.6	15.8	20.1	14.2	41.8	9.3	21.1
Montenegro	395	309	62.8	27.6	9.5	0.0	1.1	10.9	18.6	18.8	26.1	16.0	10.1	12.3
North Macedonia	341	204	67.1	21.0	11.9	0.0	3.7	21.8	10.6	11.7	-4.0	.	13.3	12.1
Slovenia	368	248	34.3	46.9	18.8	0.0	2.5	16.5	37.2	38.9	37.3	.	35.1	37.4
Sweden	437	196	48.4	38.2	13.4	0.0	2.1	20.5	28.7	25.7	34.9	.	29.4	30.3
Table Average (9)	3556	2264	51.3	31.8	16.4	0.5	1.7	17.3	24.1	25.6	21.4	24.9	22.5	25.1

Question: How often do you do the following in teaching this class? Link new content to students' prior knowledge
 Location: 2024 Context Data - TQG-10f (ATBLG10F)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	202	90.4	9.3	0.4	0.0	0.7	11.5	21.9	17.2	-19.6	.	-31.2	19.2
Italy	319	260	83.7	14.8	1.4	0.0	0.4	2.8	32.4	33.0	25.2	.	44.5	29.3
Jordan	285	272	80.9	13.8	5.3	0.0	1.0	1.2	20.9	20.8	-27.1	12.6	38.1	31.3
Korea, Rep. of	727	472	51.0	38.4	10.6	0.0	1.2	15.8	34.1	36.1	36.4	.	29.1	33.0
Kosovo	327	102	86.6	8.8	4.6	0.0	2.2	54.6	15.2	27.3	22.1	.	9.3	21.1
Montenegro	395	308	86.1	10.6	3.3	0.0	1.1	10.9	20.0	16.9	11.8	.	10.7	12.3
North Macedonia	341	205	83.1	12.7	4.2	0.0	3.3	21.8	8.2	19.9	-6.9	.	14.9	12.1
Slovenia	368	247	81.9	16.5	1.6	0.0	2.7	16.5	37.8	38.2	43.0	.	36.1	37.4
Sweden	437	196	60.5	32.2	7.3	0.0	2.1	20.5	28.4	28.9	30.0	.	18.9	30.3
Table Average (9)	3556	2264	78.3	17.5	4.3	0.0	1.6	17.3	24.3	26.5	12.8	12.6	18.9	25.1

Question: How often do you do the following in teaching this class? Ask students to decide their own problem solving procedures
 Location: 2024 Context Data - TQG-10g (ATBLG10G)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	201	51.0	32.7	16.3	0.0	1.4	11.5	25.8	14.8	20.8	.	-7.5	19.2
Italy	319	260	49.7	34.4	15.2	0.7	0.4	2.8	33.1	31.0	32.4	43.8	44.5	29.3
Jordan	285	273	49.1	35.3	15.0	0.6	1.0	1.2	21.7	14.4	17.1	2.8	35.9	31.3
Korea, Rep. of	727	472	29.2	39.2	29.3	2.3	1.2	15.8	33.0	34.4	37.8	39.5	29.1	33.0
Kosovo	327	102	24.2	35.4	33.8	6.6	2.2	54.6	14.3	18.5	17.3	11.3	9.3	21.1
Montenegro	395	308	66.0	23.2	10.8	0.0	1.1	10.9	19.3	18.1	22.6	.	9.6	12.3
North Macedonia	341	205	33.5	31.1	33.7	1.7	3.3	21.8	3.3	20.1	4.4	14.6	14.9	12.1
Slovenia	368	248	26.6	48.6	24.8	0.0	2.5	16.5	38.6	37.7	37.9	.	35.1	37.4
Sweden	437	197	15.9	41.5	42.2	0.4	1.6	20.5	30.8	30.5	25.6	32.0	26.3	30.3
Table Average (9)	3556	2266	38.4	35.7	24.6	1.4	1.6	17.3	24.4	24.4	24.0	24.0	21.9	25.1

Question: In your view, to what extent do the following limit how you teach this class? Students lacking prerequisite knowledge or skills
 Location: 2024 Context Data - TQG-11a (ATBLG11A)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	20.4	70.7	8.9	2.2	11.5	16.5	23.4	13.9	11.3	19.2
Italy	319	261	21.3	62.9	15.8	0.0	2.8	31.2	31.8	36.4	.	29.3
Jordan	285	272	13.7	62.1	24.2	1.5	1.2	25.5	19.4	8.1	87.8	31.3
Korea, Rep. of	727	469	25.7	61.4	12.9	1.5	15.8	31.0	37.3	32.8	30.9	33.0
Kosovo	327	101	21.4	74.8	3.7	2.5	54.6	16.2	17.3	13.1	4.2	21.1
Montenegro	395	305	17.2	75.4	7.4	1.4	10.9	14.9	21.0	13.2	13.3	12.3
North Macedonia	341	206	23.9	59.5	16.6	2.7	21.8	14.8	5.6	16.7	0.0	12.1
Slovenia	368	249	17.2	70.8	11.9	1.7	16.5	40.6	37.4	38.8	27.1	37.4
Sweden	437	194	12.0	72.6	15.5	2.7	20.5	30.8	29.4	23.1	23.7	30.3
Table Average (9)	3556	2255	19.2	67.8	13.0	1.8	17.3	24.6	24.7	21.8	24.8	25.1

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from lack of basic nutrition
 Location: 2024 Context Data - TQG-11b (ATBLG11B)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	29.4	57.7	12.9	2.6	11.5	24.2	21.3	14.2	10.2	19.2
Italy	319	261	75.2	20.7	4.1	0.0	2.8	32.5	31.5	35.5	.	29.3
Jordan	285	271	21.1	59.5	19.4	1.5	1.2	0.5	26.2	9.4	85.4	31.3
Korea, Rep. of	727	468	74.6	19.2	6.3	1.6	15.8	35.4	35.2	31.7	30.8	33.0
Kosovo	327	101	61.9	37.0	1.1	2.5	54.6	13.3	22.0	50.6	4.2	21.1
Montenegro	395	303	86.0	11.6	2.4	2.3	10.9	20.0	15.6	9.4	20.1	12.3
North Macedonia	341	206	73.0	26.0	1.1	3.1	21.8	9.1	9.4	48.4	2.7	12.1
Slovenia	368	249	73.3	20.6	6.1	1.7	16.5	39.3	37.0	27.9	27.1	37.4
Sweden	437	194	67.0	31.0	2.1	2.7	20.5	29.9	25.3	36.6	23.7	30.3
Table Average (9)	3556	2251	62.4	31.5	6.2	2.0	17.3	22.7	24.9	29.3	25.5	25.1

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from not enough sleep
 Location: 2024 Context Data - TQG-11c (ATBLG11C)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	21.4	61.6	17.0	2.6	11.5	19.7	23.5	14.9	10.2	19.2
Italy	319	261	42.5	46.1	11.5	0.0	2.8	31.5	32.5	35.2	.	29.3
Jordan	285	271	17.5	59.8	22.6	1.6	1.2	22.4	19.0	9.3	84.7	31.3
Korea, Rep. of	727	469	50.4	36.3	13.3	1.5	15.8	36.0	33.4	36.4	30.9	33.0
Kosovo	327	100	43.7	43.9	12.5	2.7	54.6	11.9	21.1	21.0	3.1	21.1
Montenegro	395	304	56.5	38.1	5.4	1.8	10.9	20.1	17.8	20.8	19.1	12.3
North Macedonia	341	206	64.5	32.8	2.6	3.1	21.8	8.8	10.4	19.0	2.7	12.1
Slovenia	368	249	34.2	52.5	13.2	1.7	16.5	37.4	39.2	35.9	27.1	37.4
Sweden	437	193	38.8	58.7	2.5	2.8	20.5	31.4	27.2	17.2	23.7	30.3
Table Average (9)	3556	2251	41.1	47.8	11.2	2.0	17.3	24.4	24.9	23.3	25.2	25.1

Question: In your view, to what extent do the following limit how you teach this class? Students absent from class
 Location: 2024 Context Data - TQG-11d (ATBLG11D)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	196	21.1	54.5	24.4	4.0	11.5	18.1	21.7	22.8	15.0	19.2
Italy	319	260	32.0	46.8	21.2	0.4	2.8	30.4	34.9	30.0	24.0	29.3
Jordan	285	271	26.2	57.3	16.5	1.5	1.2	26.5	15.0	11.9	84.8	31.3
Korea, Rep. of	727	468	51.8	34.9	13.3	1.6	15.8	34.5	35.8	35.6	31.4	33.0
Kosovo	327	101	38.6	55.5	5.9	2.5	54.6	17.9	17.5	5.8	4.2	21.1
Montenegro	395	303	32.5	55.8	11.7	2.1	10.9	18.9	18.1	25.3	23.1	12.3
North Macedonia	341	206	39.5	54.3	6.2	3.2	21.8	11.1	7.9	14.4	2.6	12.1
Slovenia	368	248	28.6	49.0	22.4	2.1	16.5	38.1	38.1	38.2	29.0	37.4
Sweden	437	194	46.9	50.5	2.6	2.7	20.5	30.3	27.4	21.0	23.7	30.3
Table Average (9)	3556	2247	35.2	50.9	13.8	2.2	17.3	25.1	24.0	22.8	26.4	25.1

Question: In your view, to what extent do the following limit how you teach this class? Disruptive students
 Location: 2024 Context Data - TQG-11e (ATBLG11E)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	34.9	50.5	14.6	2.9	11.5	25.1	18.6	21.3	11.0	19.2
Italy	319	261	30.6	50.0	19.4	0.0	2.8	36.0	30.0	32.9	.	29.3
Jordan	285	272	21.5	57.6	20.8	1.5	1.2	27.4	19.1	2.9	87.8	31.3
Korea, Rep. of	727	469	21.4	40.8	37.8	1.5	15.8	32.9	35.4	36.0	30.9	33.0
Kosovo	327	101	35.1	57.8	7.1	2.5	54.6	19.3	15.0	21.0	4.2	21.1
Montenegro	395	303	39.6	51.0	9.4	2.4	10.9	19.5	18.3	25.1	14.1	12.3
North Macedonia	341	204	42.8	45.1	12.0	3.5	21.8	7.5	8.9	18.0	7.7	12.1
Slovenia	368	249	21.1	40.9	38.0	1.7	16.5	36.2	38.2	39.1	27.1	37.4
Sweden	437	193	24.7	51.7	23.5	3.1	20.5	31.3	29.7	23.4	24.5	30.3
Table Average (9)	3556	2249	30.2	49.5	20.3	2.1	17.3	26.1	23.7	24.4	25.9	25.1

Question: In your view, to what extent do the following limit how you teach this class? Uninterested students
 Location: 2024 Context Data - TQG-11f (ATBLG11F)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	27.3	63.7	9.0	2.6	11.5	21.1	21.7	18.4	10.2	19.2
Italy	319	261	27.8	55.9	16.3	0.0	2.8	32.2	32.7	31.8	.	29.3
Jordan	285	272	20.0	60.6	19.5	1.5	1.2	20.7	21.4	2.0	87.8	31.3
Korea, Rep. of	727	468	19.9	59.3	20.8	1.7	15.8	32.8	34.9	37.7	32.1	33.0
Kosovo	327	101	36.8	53.5	9.8	2.5	54.6	13.5	19.9	13.5	4.2	21.1
Montenegro	395	304	18.0	67.9	14.1	1.8	10.9	17.6	20.0	18.2	19.1	12.3
North Macedonia	341	207	32.1	52.8	15.1	2.3	21.8	4.6	11.3	16.5	-11.0	12.1
Slovenia	368	249	15.4	57.8	26.8	1.7	16.5	37.2	36.9	41.3	27.1	37.4
Sweden	437	194	19.7	67.8	12.5	2.7	20.5	36.3	27.7	21.4	23.7	30.3
Table Average (9)	3556	2254	24.1	59.9	16.0	1.9	17.3	24.0	25.2	22.3	24.1	25.1

Question: In your view, to what extent do the following limit how you teach this class? Distracted students
 Location: 2024 Context Data - TQG-11g (ATBLG11G)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	14.6	70.6	14.8	2.6	11.5	19.4	21.3	22.9	10.2	19.2
Italy	319	261	8.1	69.6	22.3	0.0	2.8	33.0	31.9	33.9	.	29.3
Jordan	285	272	15.9	61.6	22.5	1.5	1.2	24.1	19.3	7.8	87.8	31.3
Korea, Rep. of	727	468	11.7	54.1	34.2	1.6	15.8	32.6	34.0	37.7	31.5	33.0
Kosovo	327	101	34.5	55.8	9.7	2.5	54.6	17.4	18.0	9.2	4.2	21.1
Montenegro	395	297	22.1	64.7	13.2	2.8	10.9	17.0	19.6	21.5	19.3	12.3
North Macedonia	341	204	35.9	55.8	8.2	3.9	21.8	9.1	9.6	15.8	-2.4	12.1
Slovenia	368	247	19.0	69.2	11.9	2.4	16.5	34.6	38.5	43.3	23.6	37.4
Sweden	437	193	7.6	71.4	21.0	3.1	20.5	33.8	30.4	20.0	27.5	30.3
Table Average (9)	3556	2241	18.8	63.6	17.5	2.3	17.3	24.5	24.7	23.6	25.2	25.1

Question: In your view, to what extent do the following limit how you teach this class? Students with mental, emotional, or psychological impairment
 Location: 2024 Context Data - TQG-11h (ATBLG11H)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	32.6	51.8	15.6	3.2	11.5	20.5	22.1	20.9	8.8	19.2
Italy	319	261	43.4	47.6	8.9	0.0	2.8	30.8	34.3	30.3	.	29.3
Jordan	285	271	45.4	43.5	11.1	1.9	1.2	15.5	19.8	10.9	102.1	31.3
Korea, Rep. of	727	469	27.3	44.9	27.8	1.5	15.8	34.4	34.4	37.0	30.9	33.0
Kosovo	327	100	76.8	22.3	0.9	3.0	54.6	16.1	17.6	64.7	7.0	21.1
Montenegro	395	301	43.8	46.7	9.5	2.8	10.9	18.8	20.2	19.8	10.8	12.3
North Macedonia	341	205	62.0	34.0	4.1	3.4	21.8	13.1	4.2	5.2	-1.2	12.1
Slovenia	368	249	20.5	69.0	10.5	1.7	16.5	35.3	38.9	38.2	27.1	37.4
Sweden	437	194	17.7	64.4	17.9	2.7	20.5	29.7	29.6	23.8	23.7	30.3
Table Average (9)	3556	2247	41.1	47.1	11.8	2.3	17.3	23.8	24.6	27.9	26.1	25.1

Question: In your view, to what extent do the following limit how you teach this class? Students with difficulties understanding the language of instruction
Location: 2024 Context Data - TQG-11i (ATBLG11I)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	193	42.8	47.0	10.2	5.1	11.5	22.1	21.0	21.8	10.3	19.2
Italy	319	261	38.1	52.5	9.4	0.0	2.8	30.8	32.9	35.8	.	29.3
Jordan	285	272	22.7	60.6	16.7	1.5	1.2	15.8	22.9	0.2	87.8	31.3
Korea, Rep. of	727	469	57.6	20.0	22.4	1.5	15.8	33.8	36.0	37.9	30.9	33.0
Kosovo	327	101	66.1	32.0	2.0	2.5	54.6	19.0	11.2	40.8	4.2	21.1
Montenegro	395	300	45.9	46.0	8.1	2.1	10.9	17.5	21.8	16.1	15.9	12.3
North Macedonia	341	204	64.9	31.6	3.6	3.6	21.8	9.4	9.6	21.2	-2.3	12.1
Slovenia	368	248	38.9	50.8	10.3	2.6	16.5	40.5	35.3	41.6	36.5	37.4
Sweden	437	194	42.8	50.6	6.6	2.7	20.5	29.5	28.7	22.3	23.7	30.3
Table Average (9)	3556	2242	46.6	43.4	9.9	2.4	17.3	24.3	24.4	26.4	25.9	25.1

Question: Is science taught mainly as a separate subject (i.e., not integrated with other subjects) to the students in this class?
Location: 2024 Context Data - TQS-01A (ATBLS01A)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	70.6	29.4	0.6	11.5	21.8	18.8	23.3	19.2
Italy	319	259	70.5	29.5	0.8	2.8	32.6	31.7	34.4	29.3
Jordan	285	257	88.2	11.8	5.2	1.2	18.2	16.2	28.4	31.3
Korea, Rep. of	727	456	93.8	6.2	3.9	15.8	35.5	30.6	31.0	33.0
Kosovo	327	97	92.9	7.1	3.9	54.6	17.3	18.0	4.1	21.1
Montenegro	395	300	96.9	3.1	3.4	10.9	19.1	19.0	23.0	12.3
North Macedonia	341	202	88.1	11.9	4.6	21.8	10.2	3.8	7.5	12.1
Slovenia	368	242	77.1	22.9	4.9	16.5	38.2	37.3	36.3	37.4
Sweden	437	184	97.5	2.5	5.9	20.5	27.7	40.6	33.2	30.3
Table Average (9)	3556	2199	86.2	13.8	3.7	17.3	24.5	24.0	24.6	25.1

Question: Please estimate the time that you spend on science topics with students in this class (minutes per week).
Location: 2024 Context Data - TQS-01B (ATBLS01B)

Country	Sample	Valid N	Omitt ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	200	1.8	11.5	121.5	1.0	30.0	90.0	120.0	120.0	135.0	150.0	200.0	250.0
Italy	319	257	1.6	2.8	115.6	1.0	60.0	60.0	120.0	120.0	120.0	150.0	180.0	800.0
Jordan	285	258	5.4	1.2	137.9	15.0	45.0	90.0	120.0	135.0	160.0	180.0	225.0	600.0
Korea, Rep. of	727	460	3.2	15.8	123.2	0.0	3.0	40.0	80.0	120.0	120.0	120.0	240.0	840.0
Kosovo	327	97	3.9	54.6	94.5	45.0	45.0	80.0	90.0	90.0	90.0	100.0	180.0	320.0
Montenegro	395	305	2.1	10.9	108.0	30.0	90.0	90.0	90.0	90.0	100.0	135.0	180.0	360.0
North Macedonia	341	199	5.8	21.8	87.6	2.0	40.0	70.0	80.0	80.0	90.0	120.0	140.0	500.0
Slovenia	368	242	5.1	16.5	139.0	0.0	125.0	135.0	135.0	135.0	135.0	180.0	180.0	270.0
Sweden	437	186	5.3	20.5	131.2	0.0	100.0	100.0	110.0	120.0	150.0	180.0	180.0	240.0
Table Average (9)	3556	2204	3.8	17.3	117.6	10.4	59.8	83.9	105.0	112.2	122.2	146.1	189.4	464.4

Question: In teaching science to the students in this class, how often do you ask them to do the following? Listen to me explain new science content
 Location: 2024 Context Data - TQS-02a (ATBLS02A)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	69.6	9.1	19.2	2.1	2.3	11.5	19.0	23.9	26.4	11.8	28.4	19.2
Italy	319	257	77.7	8.7	11.9	1.7	1.4	2.8	32.8	27.4	33.6	22.3	40.6	29.3
Jordan	285	262	77.9	19.4	2.4	0.3	5.6	1.2	19.1	17.1	24.3	39.7	11.8	31.3
Korea, Rep. of	727	457	76.7	16.9	5.9	0.5	3.7	15.8	35.9	31.1	37.8	33.0	32.4	33.0
Kosovo	327	97	79.6	6.8	12.0	1.6	3.8	54.6	16.6	20.1	20.6	23.2	3.6	21.1
Montenegro	395	308	81.4	15.5	3.1	0.0	1.1	10.9	17.5	25.3	24.4	.	46.7	12.3
North Macedonia	341	197	79.6	13.9	6.1	0.4	5.7	21.8	9.7	16.4	-1.5	2.9	1.3	12.1
Slovenia	368	240	55.5	31.8	12.5	0.3	4.6	16.5	38.4	37.1	36.8	41.7	40.3	37.4
Sweden	437	184	74.4	19.9	5.2	0.5	6.2	20.5	29.4	26.3	19.7	37.2	29.7	30.3
Table Average (9)	3556	2201	74.7	15.8	8.7	0.8	3.8	17.3	24.3	24.9	24.7	26.5	26.1	25.1

Question: In teaching science to the students in this class, how often do you ask them to do the following? Observe natural phenomena such as the weather or a plant growing and describe what they see

Location: 2024 Context Data - TQS-02b (ATBLS02B)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	201	41.6	27.4	31.0	0.0	1.4	11.5	18.8	16.9	27.3	.	21.3	19.2
Italy	319	257	35.4	25.9	37.1	1.6	1.4	2.8	32.2	31.1	32.8	40.8	40.6	29.3
Jordan	285	262	44.7	35.8	19.1	0.4	5.6	1.2	22.3	12.9	21.2	29.1	14.6	31.3
Korea, Rep. of	727	457	34.4	34.6	27.5	3.4	3.7	15.8	34.5	34.6	37.3	30.6	32.4	33.0
Kosovo	327	96	58.6	18.1	22.0	1.2	4.3	54.6	13.9	27.2	15.0	79.6	5.3	21.1
Montenegro	395	306	51.4	29.6	19.0	0.0	1.8	10.9	19.4	15.0	22.3	.	50.5	12.3
North Macedonia	341	197	48.9	26.1	25.0	0.0	5.7	21.8	8.8	17.7	4.2	.	1.3	12.1
Slovenia	368	240	29.1	45.9	25.0	0.1	4.6	16.5	39.3	37.1	37.2	11.5	40.1	37.4
Sweden	437	184	11.9	19.2	65.3	3.6	6.2	20.5	34.6	27.5	27.9	18.8	29.7	30.3
Table Average (9)	3556	2200	39.6	29.2	30.1	1.1	3.8	17.3	24.9	24.5	25.0	35.1	26.2	25.1

Question: In teaching science to the students in this class, how often do you ask them to do the following? Watch me demonstrate an experiment or investigation
 Location: 2024 Context Data - TQS-02c (ATBLS02C)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	40.8	21.5	34.5	3.3	2.7	11.5	21.1	16.6	22.4	29.7	22.4	19.2
Italy	319	257	25.9	25.8	44.1	4.3	1.4	2.8	34.2	31.0	32.9	22.3	40.6	29.3
Jordan	285	262	51.9	37.1	11.0	0.0	6.1	1.2	21.9	14.6	18.7	.	13.2	31.3
Korea, Rep. of	727	455	33.3	23.9	35.5	7.3	3.8	15.8	35.6	36.6	34.7	31.1	32.2	33.0
Kosovo	327	97	56.2	22.1	19.6	2.0	3.8	54.6	17.1	10.0	24.7	36.2	3.6	21.1
Montenegro	395	308	34.8	28.4	35.3	1.6	1.1	10.9	18.4	19.1	19.1	23.2	46.7	12.3
North Macedonia	341	197	51.2	29.4	19.0	0.4	5.7	21.8	7.2	19.3	2.9	2.9	1.3	12.1
Slovenia	368	240	23.9	34.6	41.5	0.1	4.7	16.5	35.5	39.6	37.3	25.4	41.7	37.4
Sweden	437	184	11.0	24.0	59.0	6.0	6.2	20.5	25.9	27.6	28.9	30.2	29.7	30.3
Table Average (9)	3556	2199	36.5	27.4	33.3	2.8	3.9	17.3	24.1	23.8	24.6	25.1	25.7	25.1

Question: In teaching science to the students in this class, how often do you ask them to do the following? Read their textbooks or other resource materials
 Location: 2024 Context Data - TQS-02d (ATBLS02D)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	62.2	22.0	15.8	0.0	2.0	11.5	20.4	23.0	19.4	.	24.0	19.2
Italy	319	256	52.1	26.6	19.7	1.6	1.7	2.8	34.4	30.0	29.8	33.3	37.2	29.3
Jordan	285	259	32.7	33.1	32.6	1.6	5.7	1.2	20.7	18.9	18.5	-7.8	11.9	31.3
Korea, Rep. of	727	456	48.7	25.5	24.3	1.4	4.1	15.8	35.1	35.6	34.9	29.3	33.7	33.0
Kosovo	327	96	61.0	19.5	18.7	0.7	4.3	54.6	14.4	20.5	23.5	28.4	5.3	21.1
Montenegro	395	307	59.7	27.6	12.3	0.4	1.7	10.9	20.6	18.5	13.5	9.5	28.8	12.3
North Macedonia	341	198	50.0	19.9	25.5	4.6	5.4	21.8	6.6	13.0	12.5	16.7	1.9	12.1
Slovenia	368	241	39.8	33.9	23.7	2.5	4.3	16.5	37.5	37.7	37.9	39.1	41.4	37.4
Sweden	437	184	39.9	41.7	17.9	0.5	6.2	20.5	28.7	26.7	30.9	37.2	29.7	30.3
Table Average (9)	3556	2196	49.6	27.8	21.2	1.5	3.9	17.3	24.3	24.9	24.5	23.2	23.8	25.1

Question: In teaching science to the students in this class, how often do you ask them to do the following? Memorize facts and principles
 Location: 2024 Context Data - TQS-02e (ATBLS02E)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	57.9	23.5	18.3	0.4	2.3	11.5	19.3	20.7	26.2	42.3	18.4	19.2
Italy	319	257	36.4	23.6	33.8	6.1	1.4	2.8	33.5	28.2	33.4	34.4	40.6	29.3
Jordan	285	262	56.9	30.9	11.2	1.0	5.2	1.2	20.2	15.2	23.1	-12.5	15.9	31.3
Korea, Rep. of	727	456	30.1	26.3	36.7	7.0	3.7	15.8	33.7	37.2	34.1	39.6	32.4	33.0
Kosovo	327	95	60.5	20.8	18.7	0.0	4.4	54.6	16.4	25.0	12.0	.	5.9	21.1
Montenegro	395	307	47.9	28.7	23.2	0.2	1.1	10.9	15.0	17.9	28.2	36.9	47.0	12.3
North Macedonia	341	198	43.7	27.5	25.5	3.4	5.1	21.8	4.5	14.9	14.3	2.5	2.5	12.1
Slovenia	368	241	26.2	43.7	30.1	0.1	4.3	16.5	41.5	35.1	38.3	25.4	41.4	37.4
Sweden	437	184	15.9	40.4	42.1	1.6	6.2	20.5	30.7	27.4	28.4	25.6	29.7	30.3
Table Average (9)	3556	2199	41.7	29.5	26.6	2.2	3.7	17.3	23.9	24.6	26.4	24.3	26.0	25.1

Question: In teaching science to the students in this class, how often do you ask them to do the following? Do field work outside the class
 Location: 2024 Context Data - TQS-02f (ATBLS02F)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	197	16.9	17.9	62.0	3.2	3.6	11.5	19.1	22.6	21.1	18.4	20.4	19.2
Italy	319	256	5.7	18.7	57.8	17.8	1.8	2.8	33.2	28.1	32.5	36.0	36.7	29.3
Jordan	285	263	20.5	30.8	42.8	5.9	4.8	1.2	11.6	16.0	26.8	-0.6	13.6	31.3
Korea, Rep. of	727	454	12.0	8.6	54.9	24.5	4.3	15.8	35.3	39.5	34.2	36.4	29.4	33.0
Kosovo	327	96	24.6	19.0	54.4	2.0	4.1	54.6	14.8	15.4	18.4	44.6	3.9	21.1
Montenegro	395	307	21.4	28.9	44.5	5.2	1.1	10.9	20.4	8.7	23.9	27.3	47.0	12.3
North Macedonia	341	195	26.2	20.8	50.8	2.3	6.9	21.8	5.7	11.0	13.6	-11.3	-2.2	12.1
Slovenia	368	240	5.4	16.6	72.4	5.6	4.4	16.5	27.6	35.8	39.4	31.5	41.8	37.4
Sweden	437	184	3.1	10.4	80.3	6.1	6.2	20.5	45.2	32.8	27.2	26.8	29.7	30.3
Table Average (9)	3556	2192	15.1	19.1	57.8	8.1	4.1	17.3	23.7	23.3	26.3	23.2	24.5	25.1

Question: In teaching science to the students in this class, how often do you ask them to do the following? Work in mixed ability groups
 Location: 2024 Context Data - TQS-02g (ATBLS02G)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	26.1	21.6	44.1	8.2	2.6	11.5	22.9	19.2	18.7	29.5	24.8	19.2
Italy	319	257	18.9	28.1	45.5	7.5	1.4	2.8	31.2	27.6	35.7	31.9	40.6	29.3
Jordan	285	261	27.2	43.9	26.5	2.5	6.0	1.2	28.3	14.9	12.8	53.7	11.5	31.3
Korea, Rep. of	727	457	53.7	26.5	16.9	2.9	3.7	15.8	32.5	38.7	37.2	40.0	32.4	33.0
Kosovo	327	96	54.8	24.0	21.2	0.0	4.3	54.6	12.4	30.3	15.5	.	5.6	21.1
Montenegro	395	305	26.7	33.6	38.2	1.6	2.1	10.9	19.8	15.8	21.0	33.8	26.7	12.3
North Macedonia	341	194	34.3	36.5	26.1	3.1	6.9	21.8	8.5	15.3	8.1	11.5	-8.1	12.1
Slovenia	368	241	9.9	30.5	57.0	2.7	4.3	16.5	35.2	35.7	38.7	47.8	41.4	37.4
Sweden	437	184	16.3	36.7	44.1	2.9	6.2	20.5	26.9	30.2	27.5	25.8	29.7	30.3
Table Average (9)	3556	2194	29.8	31.3	35.5	3.5	4.2	17.3	24.2	25.3	23.9	34.3	22.7	25.1

Question: In teaching science to the students in this class, how often do you ask them to do the following? Work in same ability groups
 Location: 2024 Context Data - TQS-02h (ATBLS02H)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Georgia	357	200	20.5	27.6	41.9	10.0	2.0	11.5	21.8	16.5	20.5	34.1	15.8	19.2
Italy	319	255	9.7	17.7	45.5	27.1	1.9	2.8	31.4	25.8	34.0	34.1	36.3	29.3
Jordan	285	263	18.2	32.4	33.2	16.1	4.8	1.2	23.6	5.4	29.3	18.5	13.6	31.3
Korea, Rep. of	727	457	15.1	17.5	31.5	35.9	3.7	15.8	32.0	36.5	36.9	34.3	32.4	33.0
Kosovo	327	97	30.3	15.9	34.8	19.0	3.8	54.6	10.3	27.1	16.0	23.1	3.6	21.1
Montenegro	395	307	22.2	25.9	42.2	9.7	1.1	10.9	19.6	13.7	21.8	18.8	46.1	12.3
North Macedonia	341	197	33.2	24.7	35.1	7.0	5.7	21.8	3.3	17.6	5.6	36.3	1.3	12.1
Slovenia	368	241	4.5	21.2	62.1	12.2	4.3	16.5	32.7	38.1	38.8	33.3	41.4	37.4
Sweden	437	183	1.8	10.3	46.4	41.5	6.5	20.5	42.4	32.4	26.6	28.7	29.7	30.3
Table Average (9)	3556	2200	17.3	21.5	41.4	19.8	3.8	17.3	24.1	23.7	25.5	29.0	24.5	25.1

Question: How much emphasis do you place on the following when teaching science to students in this class? Encouraging students to ask questions about scientific phenomena

Location: 2024 Context Data - TQS-03a (ATBLS03A)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	62.4	36.9	0.7	1.7	11.5	22.5	18.7	7.4	18.6	19.2
Italy	319	257	91.6	8.4	0.0	1.3	2.8	32.0	36.3	.	34.0	29.3
Jordan	285	260	87.0	13.0	0.0	6.6	1.2	18.7	20.8	.	12.4	31.3
Korea, Rep. of	727	457	57.1	41.3	1.6	3.8	15.8	33.8	36.6	45.8	32.6	33.0
Kosovo	327	96	94.9	5.1	0.0	4.9	54.6	18.1	23.0	.	-1.1	21.1
Montenegro	395	307	93.7	6.3	0.0	1.8	10.9	18.9	20.3	.	35.7	12.3
North Macedonia	341	197	85.5	13.9	0.6	6.4	21.8	11.7	1.7	0.3	-1.6	12.1
Slovenia	368	238	65.5	33.0	1.6	5.1	16.5	38.5	37.1	27.2	38.8	37.4
Sweden	437	182	74.1	25.9	0.0	7.0	20.5	29.6	25.0	.	28.3	30.3
Table Average (9)	3556	2193	79.1	20.4	0.5	4.3	17.3	24.9	24.4	20.2	22.0	25.1

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students predict the outcomes of experiments or investigations

Location: 2024 Context Data - TQS-03b (ATBLS03B)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	59.3	39.9	0.7	1.7	11.5	20.2	22.3	7.4	18.6	19.2
Italy	319	257	71.4	28.4	0.3	1.3	2.8	32.8	31.6	2.2	34.0	29.3
Jordan	285	260	71.3	28.2	0.5	5.9	1.2	18.0	21.4	71.3	7.5	31.3
Korea, Rep. of	727	457	71.0	28.0	1.0	3.8	15.8	34.2	37.3	44.1	32.6	33.0
Kosovo	327	96	56.4	43.6	0.0	4.9	54.6	20.9	15.0	.	-1.1	21.1
Montenegro	395	304	79.3	20.3	0.4	2.0	10.9	18.6	20.1	51.5	30.7	12.3
North Macedonia	341	197	76.2	23.3	0.6	6.0	21.8	10.7	7.9	0.3	1.1	12.1
Slovenia	368	238	75.6	24.3	0.1	5.1	16.5	37.4	39.2	33.4	38.8	37.4
Sweden	437	182	68.5	31.5	0.0	7.0	20.5	28.7	28.0	.	28.3	30.3
Table Average (9)	3556	2190	69.9	29.7	0.4	4.2	17.3	24.6	24.8	30.0	21.2	25.1

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students create representations
 (e.g. models, graphs) to explain scientific phenomena

Location: 2024 Context Data - TQS-03c (ATBLS03C)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	54.5	44.6	0.9	2.3	11.5	19.0	23.9	9.2	14.3	19.2
Italy	319	257	50.2	47.4	2.5	1.3	2.8	32.7	31.9	35.7	34.0	29.3
Jordan	285	261	49.6	46.4	3.9	5.3	1.2	17.1	21.9	5.7	12.6	31.3
Korea, Rep. of	727	457	33.8	55.5	10.8	3.8	15.8	34.0	34.9	40.2	32.6	33.0
Kosovo	327	96	54.4	44.4	1.2	4.9	54.6	19.0	16.6	48.8	-1.1	21.1
Montenegro	395	306	59.2	38.0	2.9	1.8	10.9	16.7	22.6	19.3	33.0	12.3
North Macedonia	341	198	51.4	45.7	2.9	6.0	21.8	6.3	14.3	12.7	-0.8	12.1
Slovenia	368	238	25.4	66.5	8.0	5.1	16.5	39.5	37.5	35.4	38.8	37.4
Sweden	437	179	19.8	72.1	8.1	8.6	20.5	30.7	28.3	25.2	27.5	30.3
Table Average (9)	3556	2190	44.2	51.2	4.6	4.3	17.3	23.9	25.8	25.8	21.2	25.1

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students use scientific concepts to explain phenomena

Location: 2024 Context Data - TQS-03d (ATBLS03D)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	46.6	51.4	2.0	1.7	11.5	18.2	24.1	5.4	18.6	19.2
Italy	319	257	62.5	36.3	1.2	1.3	2.8	32.2	32.2	47.8	34.0	29.3
Jordan	285	261	63.9	35.8	0.3	5.3	1.2	16.9	22.8	-23.9	12.6	31.3
Korea, Rep. of	727	457	68.2	30.8	1.0	3.8	15.8	35.1	35.2	41.5	32.6	33.0
Kosovo	327	96	41.0	57.0	2.0	4.9	54.6	18.9	16.8	49.3	-1.1	21.1
Montenegro	395	305	59.0	39.0	2.0	2.0	10.9	18.5	19.1	31.2	29.7	12.3
North Macedonia	341	200	58.2	37.5	4.2	4.8	21.8	8.8	11.4	6.5	3.6	12.1
Slovenia	368	237	17.9	60.6	21.5	5.5	16.5	42.7	36.4	38.2	38.4	37.4
Sweden	437	182	75.4	24.6	0.1	7.0	20.5	27.9	30.1	50.9	28.3	30.3
Table Average (9)	3556	2194	54.7	41.4	3.8	4.0	17.3	24.3	25.3	27.4	21.8	25.1

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students conduct experiments
 (hands-on or virtually)

Location: 2024 Context Data - TQS-03e (ATBLS03E)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	47.7	51.6	0.7	1.1	11.5	19.8	22.1	9.6	20.0	19.2
Italy	319	256	59.7	37.3	3.0	1.6	2.8	32.9	31.0	38.0	34.7	29.3
Jordan	285	261	60.1	37.7	2.3	5.3	1.2	16.6	23.1	8.8	12.6	31.3
Korea, Rep. of	727	457	79.5	19.5	0.9	3.8	15.8	35.5	33.7	40.3	32.6	33.0
Kosovo	327	95	41.8	55.0	3.3	5.2	54.6	22.0	15.2	26.4	-0.8	21.1
Montenegro	395	306	54.9	43.9	1.2	1.8	10.9	17.3	20.7	34.8	33.0	12.3
North Macedonia	341	196	62.7	35.6	1.7	6.4	21.8	11.0	9.6	-12.2	0.4	12.1
Slovenia	368	237	41.1	53.4	5.5	5.2	16.5	39.0	37.6	32.7	37.9	37.4
Sweden	437	182	55.0	44.4	0.6	7.0	20.5	27.5	29.6	30.3	28.3	30.3
Table Average (9)	3556	2190	55.8	42.1	2.1	4.1	17.3	24.6	24.7	23.2	22.1	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Help students appreciate the value of learning science

Location: 2024 Context Data - TQS-04a (ATBLS04A)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Georgia	357	203	78.5	21.5	0.0	0.4	11.5	21.2	21.2	.	-43.2	19.2
Italy	319	259	56.7	43.0	0.4	0.5	2.8	31.6	33.3	26.9	48.0	29.3
Jordan	285	261	84.1	15.9	0.0	5.5	1.2	17.8	24.5	.	12.3	31.3
Korea, Rep. of	727	460	64.0	34.8	1.2	3.5	15.8	35.0	35.2	42.6	32.1	33.0
Kosovo	327	96	88.6	11.4	0.0	4.9	54.6	18.4	18.9	.	-2.1	21.1
Montenegro	395	306	67.0	32.2	0.7	1.2	10.9	17.8	22.8	0.2	20.2	12.3
North Macedonia	341	199	86.4	13.6	0.0	5.3	21.8	9.4	12.3	.	2.1	12.1
Slovenia	368	238	68.5	30.6	0.9	5.3	16.5	38.0	36.7	35.6	42.2	37.4
Sweden	437	181	64.1	35.7	0.2	7.1	20.5	28.8	27.8	47.7	27.9	30.3
Table Average (9)	3556	2203	73.1	26.5	0.4	3.7	17.3	24.2	25.9	30.6	15.5	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Explain science concepts or principles using experiments or other hands-on activities

Location: 2024 Context Data - TQS-04b (ATBLS04B)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Georgia	357	202	63.0	36.5	0.5	1.0	11.5	20.1	22.4	73.9	-3.6	19.2
Italy	319	259	38.4	60.6	1.0	0.5	2.8	30.1	34.1	10.7	48.0	29.3
Jordan	285	261	66.5	33.5	0.0	5.4	1.2	22.0	12.6	.	12.2	31.3
Korea, Rep. of	727	460	78.1	21.7	0.2	3.5	15.8	35.4	34.2	42.5	32.1	33.0
Kosovo	327	96	73.4	26.6	0.0	4.9	54.6	18.7	17.8	.	-2.1	21.1
Montenegro	395	307	43.0	54.3	2.7	1.1	10.9	18.8	18.5	39.6	25.9	12.3
North Macedonia	341	199	78.7	20.0	1.3	5.5	21.8	8.9	12.3	28.6	1.8	12.1
Slovenia	368	238	56.8	42.2	1.0	5.3	16.5	37.5	38.0	28.5	42.2	37.4
Sweden	437	181	64.4	33.1	2.5	7.1	20.5	28.6	28.8	21.2	27.9	30.3
Table Average (9)	3556	2203	62.5	36.5	1.0	3.8	17.3	24.5	24.3	35.0	20.5	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Adapt teaching to engage students' interests
 Location: 2024 Context Data - TQS-04c (ATBLS04C)

Country	Sample	Valid N	1.Very confid ent %	2.Some what confid ent %	3.Not confid ent %	Omitte d %	Not Admini stered %	1.Very confid ent Mean	2.Some what confid ent Mean	3.Not confid ent Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	58.9	39.7	1.4	1.0	11.5	18.7	24.0	46.3	-3.6	19.2
Italy	319	259	55.4	43.8	0.8	0.5	2.8	30.4	34.7	37.5	48.0	29.3
Jordan	285	261	64.2	34.6	1.2	5.5	1.2	20.7	14.3	55.0	12.3	31.3
Korea, Rep. of	727	460	59.6	38.8	1.6	3.5	15.8	34.3	36.9	27.8	32.1	33.0
Kosovo	327	96	89.3	10.1	0.6	4.9	54.6	19.7	9.4	-8.6	-2.1	21.1
Montenegro	395	306	75.0	25.0	0.0	1.7	10.9	19.3	19.5	.	16.4	12.3
North Macedonia	341	199	83.4	15.7	1.0	5.3	21.8	8.1	19.8	-5.0	2.1	12.1
Slovenia	368	238	67.2	32.7	0.1	5.3	16.5	37.3	38.3	25.4	42.2	37.4
Sweden	437	181	63.1	36.5	0.4	7.1	20.5	29.2	27.3	27.2	27.9	30.3
Table Average (9)	3556	2202	68.5	30.8	0.8	3.9	17.3	24.2	24.9	25.7	19.5	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Develop students' higher-order thinking skills
Location: 2024 Context Data - TQS-04d (ATBLS04D)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	62.2	36.4	1.4	2.4	11.5	20.3	21.0	36.5	25.0	19.2
Italy	319	259	33.2	63.6	3.2	0.5	2.8	28.8	34.2	30.6	48.0	29.3
Jordan	285	261	70.4	27.7	1.9	5.5	1.2	19.1	18.7	14.4	12.3	31.3
Korea, Rep. of	727	459	41.0	49.8	9.2	3.8	15.8	34.3	35.3	37.9	32.6	33.0
Kosovo	327	96	82.2	17.8	0.0	4.9	54.6	18.7	17.4	.	-2.1	21.1
Montenegro	395	307	67.2	32.4	0.4	1.1	10.9	19.5	18.4	31.2	25.9	12.3
North Macedonia	341	198	76.5	22.8	0.8	5.4	21.8	8.6	14.6	-6.7	2.4	12.1
Slovenia	368	238	53.8	43.2	3.0	5.3	16.5	37.5	37.8	37.6	42.2	37.4
Sweden	437	180	42.7	51.3	6.0	7.5	20.5	33.0	24.5	29.7	28.2	30.3
Table Average (9)	3556	2197	58.8	38.3	2.9	4.0	17.3	24.4	24.6	26.4	23.8	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Make science relevant to students
 Location: 2024 Context Data - TQS-04e (ATBLS04E)

Country	Sample	Valid N	1.Very confid ent %	2.Some what confid ent %	3.Not confid ent %	Omitte d %	Not Admini stered %	1.Very confid ent Mean	2.Some what confid ent Mean	3.Not confid ent Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	73.2	26.8	0.0	1.4	11.5	23.1	15.6	.	11.3	19.2
Italy	319	259	56.4	43.3	0.3	0.5	2.8	31.0	34.1	28.2	48.0	29.3
Jordan	285	260	65.1	34.9	0.0	5.4	1.2	24.2	8.9	.	12.3	31.3
Korea, Rep. of	727	460	65.3	32.9	1.8	3.5	15.8	35.5	34.0	43.3	32.1	33.0
Kosovo	327	96	84.4	15.6	0.0	4.9	54.6	18.1	20.4	.	-2.1	21.1
Montenegro	395	305	61.0	38.6	0.4	1.7	10.9	17.4	21.4	22.1	35.6	12.3
North Macedonia	341	199	86.4	12.3	1.3	5.3	21.8	9.2	12.3	28.6	2.1	12.1
Slovenia	368	238	68.8	30.4	0.8	5.3	16.5	38.2	36.1	41.7	42.2	37.4
Sweden	437	181	58.1	41.2	0.8	7.1	20.5	28.1	29.1	22.1	27.9	30.3
Table Average (9)	3556	2199	68.7	30.7	0.6	3.9	17.3	25.0	23.5	31.0	23.3	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Provide challenging science activities for excelling students

Location: 2024 Context Data - TQS-04f (ATBLS04F)

Country	Sample	Valid N	1.Very confid ent %	2.Some what confid ent %	3.Not confid ent %	Omitte d %	Not Admini stered %	1.Very confid ent Mean	2.Some what confid ent Mean	3.Not confid ent Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	43.9	49.9	6.3	2.2	11.5	18.0	24.7	16.4	8.2	19.2
Italy	319	257	31.6	61.7	6.7	1.7	2.8	30.3	33.7	32.5	24.9	29.3
Jordan	285	258	49.1	45.2	5.7	6.3	1.2	16.5	24.8	-9.2	14.5	31.3
Korea, Rep. of	727	460	37.2	52.9	9.9	3.5	15.8	34.2	35.6	36.6	32.1	33.0
Kosovo	327	95	64.7	35.3	0.0	5.5	54.6	18.8	17.3	.	1.6	21.1
Montenegro	395	305	56.9	42.4	0.6	1.9	10.9	17.5	22.2	5.2	13.7	12.3
North Macedonia	341	198	71.4	26.4	2.2	5.8	21.8	9.0	12.8	15.0	-1.1	12.1
Slovenia	368	238	24.6	62.4	13.0	5.3	16.5	37.3	38.4	34.4	42.2	37.4
Sweden	437	181	35.6	53.9	10.5	7.1	20.5	26.7	30.7	23.0	27.9	30.3
Table Average (9)	3556	2191	46.1	47.8	6.1	4.4	17.3	23.1	26.7	19.2	18.2	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Improve science understanding of struggling students

Location: 2024 Context Data - TQS-04g (ATBLS04G)

Country	Sample	Valid N	1.Very confid ent %	2.Some what confid ent %	3.Not confid ent %	Omitte d %	Not Admini stered %	1.Very confid ent Mean	2.Some what confid ent Mean	3.Not confid ent Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	67.9	32.1	0.0	2.4	11.5	20.9	21.4	.	16.0	19.2
Italy	319	259	43.4	54.9	1.7	0.5	2.8	30.7	33.4	39.4	48.0	29.3
Jordan	285	262	53.3	43.7	3.0	5.4	1.2	22.6	14.6	15.4	12.2	31.3
Korea, Rep. of	727	459	46.9	49.8	3.3	3.8	15.8	35.4	34.3	45.3	32.2	33.0
Kosovo	327	96	70.3	29.1	0.6	4.9	54.6	17.1	22.4	-8.6	-2.1	21.1
Montenegro	395	306	59.0	40.6	0.4	1.6	10.9	17.6	21.4	-15.8	33.7	12.3
North Macedonia	341	200	69.7	30.3	0.0	4.7	21.8	6.7	16.4	.	3.5	12.1
Slovenia	368	236	53.8	40.8	5.4	6.2	16.5	38.1	36.6	44.0	39.4	37.4
Sweden	437	181	53.7	42.4	3.9	7.1	20.5	28.4	28.6	28.6	27.9	30.3
Table Average (9)	3556	2199	57.6	40.4	2.0	4.1	17.3	24.2	25.5	21.2	23.4	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Assess students' comprehension of science content
 Location: 2024 Context Data - TQS-04h (ATBLS04H)

Country	Sample	Valid N	1.Very confid ent %	2.Some what confid ent %	3.Not confid ent %	Omitte d %	Not Admini stered %	1.Very confid ent Mean	2.Some what confid ent Mean	3.Not confid ent Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	70.0	29.4	0.6	1.7	11.5	19.4	25.4	87.3	-12.3	19.2
Italy	319	258	45.7	52.9	1.4	0.8	2.8	30.8	33.6	27.8	49.1	29.3
Jordan	285	262	71.8	28.1	0.1	5.4	1.2	18.2	20.9	-62.2	12.2	31.3
Korea, Rep. of	727	460	65.7	33.5	0.9	3.5	15.8	34.8	35.6	47.0	32.1	33.0
Kosovo	327	96	87.5	12.5	0.0	4.9	54.6	18.5	18.1	.	-2.1	21.1
Montenegro	395	305	73.7	26.3	0.0	1.8	10.9	19.0	20.6	1.7	14.6	12.3
North Macedonia	341	199	79.6	19.9	0.4	5.3	21.8	8.4	15.8	2.9	2.1	12.1
Slovenia	368	237	66.2	32.3	1.5	5.5	16.5	36.7	39.6	39.5	41.3	37.4
Sweden	437	181	60.3	36.0	3.7	7.1	20.5	27.8	29.8	26.4	27.9	30.3
Table Average (9)	3556	2199	68.9	30.1	1.0	4.0	17.3	23.7	26.6	21.3	18.3	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Incorporate inquiry methods into science teaching
 Location: 2024 Context Data - TQS-04i (ATBLS04I)

Country	Sample	Valid N	1.Very confid ent %	2.Some what confid ent %	3.Not confid ent %	Omitte d %	Not Admini stered %	1.Very confid ent Mean	2.Some what confid ent Mean	3.Not confid ent Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	57.0	41.0	2.0	1.0	11.5	19.0	24.5	17.9	-3.6	19.2
Italy	319	259	28.5	66.6	4.8	0.5	2.8	29.3	33.2	37.5	48.0	29.3
Jordan	285	262	61.8	36.8	1.4	5.4	1.2	21.6	13.7	35.3	12.2	31.3
Korea, Rep. of	727	457	57.1	37.9	5.0	4.9	15.8	34.6	34.6	44.3	34.7	33.0
Kosovo	327	96	66.1	29.1	4.8	4.9	54.6	18.8	18.7	12.7	-2.1	21.1
Montenegro	395	306	74.4	25.2	0.4	1.7	10.9	18.7	20.7	34.9	19.5	12.3
North Macedonia	341	199	79.1	18.7	2.1	5.3	21.8	10.1	8.7	10.6	2.1	12.1
Slovenia	368	238	34.8	58.2	7.0	5.3	16.5	39.1	36.8	37.3	42.2	37.4
Sweden	437	181	56.6	39.6	3.8	7.1	20.5	29.6	27.5	20.9	27.9	30.3
Table Average (9)	3556	2200	57.3	39.3	3.5	4.0	17.3	24.5	24.3	27.9	20.1	25.1

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Manage student behavior during experiments or other hands-on activities

Location: 2024 Context Data - TQS-04j (ATBLS04J)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Georgia	357	201	66.9	31.4	1.6	1.4	11.5	21.0	21.2	26.1	7.1	19.2
Italy	319	259	47.2	50.6	2.2	0.5	2.8	31.4	32.6	44.7	48.0	29.3
Jordan	285	261	77.6	21.9	0.5	5.5	1.2	19.3	16.4	56.0	12.3	31.3
Korea, Rep. of	727	460	71.4	26.5	2.1	3.5	15.8	34.8	35.8	38.5	32.1	33.0
Kosovo	327	96	87.4	11.5	1.1	4.9	54.6	19.6	9.5	20.0	-2.1	21.1
Montenegro	395	306	57.6	40.3	2.1	1.7	10.9	17.8	21.4	23.8	14.9	12.3
North Macedonia	341	199	78.3	21.2	0.5	5.3	21.8	9.6	11.2	-11.7	2.1	12.1
Slovenia	368	238	64.8	34.5	0.8	5.3	16.5	35.7	41.0	45.9	42.2	37.4
Sweden	437	181	54.7	43.5	1.8	7.1	20.5	28.7	28.6	21.2	27.9	30.3
Table Average (9)	3556	2201	67.3	31.2	1.4	3.9	17.3	24.2	24.2	29.4	20.5	25.1

Question: How often do you do the following when teaching this class? Develop students' positive attitudes toward the natural environment
 Location: 2024 Context Data - TQS-05a (ATBLS05A)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	72.7	20.6	6.7	0.0	0.7	11.5	18.8	28.0	22.9	.	16.4	19.2
Italy	319	258	81.9	16.1	2.0	0.0	1.0	2.8	32.9	31.7	21.0	.	27.9	29.3
Jordan	285	260	75.9	22.8	1.4	0.0	5.1	1.2	18.5	19.1	16.4	.	17.1	31.3
Korea, Rep. of	727	454	47.6	40.2	11.4	0.8	4.2	15.8	34.5	36.5	31.8	50.8	33.6	33.0
Kosovo	327	98	79.7	19.4	0.8	0.0	4.4	54.6	19.8	9.5	39.1	.	-0.1	21.1
Montenegro	395	307	85.2	10.8	4.0	0.0	1.2	10.9	19.3	14.1	27.5	.	35.3	12.3
North Macedonia	341	197	76.7	18.8	4.5	0.0	5.8	21.8	11.9	3.7	1.3	.	2.3	12.1
Slovenia	368	242	76.9	21.1	1.5	0.5	4.5	16.5	38.0	37.6	30.2	29.1	40.5	37.4
Sweden	437	180	58.0	35.1	6.9	0.0	7.4	20.5	26.9	31.2	27.4	.	28.5	30.3
Table Average (9)	3556	2199	72.7	22.8	4.3	0.1	3.8	17.3	24.5	23.5	24.2	40.0	22.4	25.1

Question: How often do you do the following when teaching this class? Encourage students to use less resources (e.g., <water, energy>
 Location: 2024 Context Data - TQS-05b (ATBLS05B)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	54.1	35.0	10.0	0.9	1.0	11.5	18.8	21.5	30.1	26.5	16.9	19.2
Italy	319	258	74.9	20.9	4.2	0.0	1.0	2.8	33.2	31.0	25.8	.	27.9	29.3
Jordan	285	259	61.5	32.7	5.7	0.1	5.1	1.2	22.2	10.0	28.7	22.4	17.1	31.3
Korea, Rep. of	727	455	47.5	39.1	12.7	0.6	4.2	15.8	37.1	34.6	28.0	55.8	33.8	33.0
Kosovo	327	96	63.9	27.1	2.5	6.5	4.9	54.6	21.5	15.9	4.2	-0.5	0.4	21.1
Montenegro	395	307	66.7	27.6	5.7	0.0	1.2	10.9	19.8	18.7	13.6	-171.4	35.3	12.3
North Macedonia	341	195	59.7	33.0	5.9	1.4	6.3	21.8	9.7	11.0	12.1	-12.3	2.1	12.1
Slovenia	368	242	80.4	15.1	4.4	0.1	4.5	16.5	38.5	35.4	31.6	25.4	40.5	37.4
Sweden	437	180	27.5	54.5	17.4	0.6	7.4	20.5	29.3	28.6	26.4	33.0	28.5	30.3
Table Average (9)	3556	2194	59.6	31.7	7.6	1.1	3.9	17.3	25.6	23.0	22.3	-2.6	22.5	25.1

Question: How often do you do the following when teaching this class? Discuss how student actions in and outside of school can help the natural environment
 Location: 2024 Context Data - TQS-05c (ATBLS05C)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	61.6	30.4	8.0	0.0	1.5	11.5	18.6	23.3	27.7	.	28.6	19.2
Italy	319	258	68.7	26.6	4.7	0.0	1.0	2.8	32.8	31.9	30.0	.	27.9	29.3
Jordan	285	260	65.6	29.5	4.9	0.0	5.1	1.2	18.4	15.2	42.1	.	17.1	31.3
Korea, Rep. of	727	455	36.5	45.6	17.0	0.9	3.9	15.8	35.7	36.0	30.7	53.6	33.4	33.0
Kosovo	327	98	74.1	23.6	2.3	0.0	4.4	54.6	17.6	19.2	17.0	.	-0.1	21.1
Montenegro	395	306	74.7	23.9	1.4	0.0	1.7	10.9	19.7	17.0	26.2	.	27.5	12.3
North Macedonia	341	197	64.3	29.2	6.5	0.0	6.1	21.8	10.7	12.8	-4.1	.	-3.5	12.1
Slovenia	368	241	62.4	33.1	4.5	0.1	4.7	16.5	38.8	37.1	29.3	25.4	39.5	37.4
Sweden	437	180	26.9	53.6	19.5	0.0	7.4	20.5	25.9	28.8	30.9	.	28.5	30.3
Table Average (9)	3556	2197	59.4	32.8	7.6	0.1	4.0	17.3	24.3	24.6	25.5	39.5	22.1	25.1

Question: How often do you do the following when teaching this class? Discuss environmental issues (e.g., <climate change, endangered animals>)
 Location: 2024 Context Data - TQS-05d (ATBLS05D)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	204	60.6	27.2	12.2	0.0	0.0	11.5	21.5	16.9	27.1	.	.	19.2
Italy	319	258	59.6	30.6	9.8	0.0	1.0	2.8	33.5	31.7	28.2	.	27.9	29.3
Jordan	285	259	47.8	40.4	11.8	0.1	5.5	1.2	21.6	10.4	33.4	22.4	19.4	31.3
Korea, Rep. of	727	455	29.0	46.8	23.6	0.5	3.9	15.8	37.0	35.3	31.9	55.2	33.4	33.0
Kosovo	327	98	61.2	38.2	0.6	0.0	4.4	54.6	16.6	20.2	16.4	.	-0.1	21.1
Montenegro	395	307	64.2	28.9	6.8	0.0	1.2	10.9	18.6	20.0	19.6	-171.4	39.2	12.3
North Macedonia	341	198	61.6	28.6	9.0	0.9	5.5	21.8	8.4	12.1	13.1	-3.0	3.0	12.1
Slovenia	368	242	48.2	43.3	8.5	0.1	4.5	16.5	38.6	37.7	33.2	25.4	40.5	37.4
Sweden	437	180	22.9	54.5	22.6	0.0	7.4	20.5	28.9	27.6	29.8	.	28.5	30.3
Table Average (9)	3556	2201	50.6	37.6	11.6	0.2	3.7	17.3	25.0	23.6	25.9	-14.3	24.0	25.1

Question: Do you do these things to teach students about environmental issues and sustainability? Take students to visit natural areas (e.g.,
<a pond or meadow>)

Location: 2024 Context Data - TQS-06a (ATBLS06A)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	204	78.1	21.9	0.0	11.5	21.1	20.2	.	19.2
Italy	319	259	63.1	36.9	0.5	2.8	31.3	34.0	48.0	29.3
Jordan	285	260	34.2	65.8	5.5	1.2	20.3	16.3	32.9	31.3
Korea, Rep. of	727	456	25.1	74.9	4.3	15.8	36.2	35.2	27.5	33.0
Kosovo	327	97	75.8	24.2	4.6	54.6	16.6	22.1	1.0	21.1
Montenegro	395	305	85.7	14.3	2.0	10.9	19.9	15.0	23.7	12.3
North Macedonia	341	200	67.2	32.8	5.0	21.8	7.6	14.1	2.6	12.1
Slovenia	368	241	69.7	30.3	4.7	16.5	37.5	38.6	39.5	37.4
Sweden	437	180	63.4	36.6	7.4	20.5	27.6	29.9	28.5	30.3
Table Average (9)	3556	2202	62.5	37.5	3.8	17.3	24.2	25.0	25.5	25.1

Question: Do you do these things to teach students about environmental issues and sustainability? Have students participate in environmentally responsible activities (e.g., <pick up trash>)

Location: 2024 Context Data - TQS-06b (ATBLS06B)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	204	94.1	5.9	0.0	11.5	21.2	16.0	.	19.2
Italy	319	259	77.0	23.0	0.5	2.8	32.0	33.2	48.0	29.3
Jordan	285	260	94.3	5.7	5.5	1.2	18.8	-0.4	32.9	31.3
Korea, Rep. of	727	457	72.5	27.5	4.2	15.8	36.5	32.7	27.5	33.0
Kosovo	327	97	98.2	1.8	4.6	54.6	18.1	6.9	1.0	21.1
Montenegro	395	305	97.0	3.0	2.0	10.9	19.0	25.9	23.7	12.3
North Macedonia	341	199	94.1	5.9	5.4	21.8	9.9	4.6	5.3	12.1
Slovenia	368	241	89.5	10.5	4.7	16.5	38.5	32.2	39.5	37.4
Sweden	437	180	62.0	38.0	7.4	20.5	28.9	27.7	28.5	30.3
Table Average (9)	3556	2202	86.5	13.5	3.8	17.3	24.8	19.9	25.8	25.1

Question: Do you do these things to teach students about environmental issues and sustainability? Have students do research or projects on a particular environmental topic (e.g., <pollution, climate change>)

Location: 2024 Context Data - TQS-06c (ATBLS06C)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	204	89.9	10.1	0.0	11.5	21.5	15.8	.	19.2
Italy	319	258	87.1	12.9	0.8	2.8	31.8	35.5	48.5	29.3
Jordan	285	260	87.1	12.9	5.5	1.2	17.2	21.0	32.9	31.3
Korea, Rep. of	727	457	66.0	34.0	4.2	15.8	36.4	33.7	27.5	33.0
Kosovo	327	97	98.9	1.1	4.6	54.6	17.9	20.0	1.0	21.1
Montenegro	395	305	84.1	15.9	2.0	10.9	20.2	13.7	23.7	12.3
North Macedonia	341	201	89.5	10.5	4.4	21.8	11.2	-4.4	4.4	12.1
Slovenia	368	241	63.5	36.5	4.7	16.5	36.9	39.4	39.5	37.4
Sweden	437	180	64.6	35.4	7.4	20.5	28.3	28.6	28.5	30.3
Table Average (9)	3556	2203	81.2	18.8	3.7	17.3	24.6	22.6	25.8	25.1

Question: Do you do these things to teach students about environmental issues and sustainability? Provide opportunities for students to participate in outdoor environmental education programs outside of school

Location: 2024 Context Data - TQS-06d (ATBLS06D)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	204	86.0	14.0	0.0	11.5	20.7	22.0	.	19.2
Italy	319	259	64.4	35.6	0.5	2.8	31.2	34.4	48.0	29.3
Jordan	285	259	52.9	47.1	5.8	1.2	14.5	20.9	34.9	31.3
Korea, Rep. of	727	456	43.2	56.8	4.3	15.8	35.2	35.6	27.8	33.0
Kosovo	327	97	69.9	30.1	4.6	54.6	17.9	18.1	1.0	21.1
Montenegro	395	305	76.8	23.2	2.0	10.9	19.4	18.4	23.7	12.3
North Macedonia	341	199	67.4	32.6	5.1	21.8	6.1	17.1	3.5	12.1
Slovenia	368	241	44.4	55.6	4.7	16.5	38.2	37.5	39.5	37.4
Sweden	437	180	43.6	56.4	7.4	20.5	27.4	29.2	28.5	30.3
Table Average (9)	3556	2200	61.0	39.0	3.8	17.3	23.4	25.9	25.9	25.1

Question: How much do you agree or disagree that education about environmental sustainability should be a priority for schools?
 Location: 2024 Context Data - TQS-07 (ATBLS07)

Country	Sample	Valid N	1.Agre e a lot %	2.Agre e a little %	3.Disa gree a little %	4.Disa gree a lot %	Omitte d %	Not Admini stered %	1.Agre e a lot Mean	2.Agre e a little Mean	3.Disa gree a little Mean	4.Disa gree a lot Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	87.3	12.7	0.0	0.0	0.6	11.5	21.9	16.2	.	.	-15.0	19.2
Italy	319	259	87.3	11.8	0.8	0.0	0.5	2.8	32.8	28.6	32.8	.	48.0	29.3
Jordan	285	259	79.7	19.8	0.5	0.0	5.9	1.2	19.2	15.6	-38.0	.	22.5	31.3
Korea, Rep. of	727	461	70.0	26.6	2.7	0.7	3.1	15.8	35.2	35.2	33.8	26.6	33.2	33.0
Kosovo	327	97	94.9	5.1	0.0	0.0	4.6	54.6	19.5	-3.3	.	.	-2.3	21.1
Montenegro	395	305	81.4	16.8	0.0	1.7	1.2	10.9	18.4	22.3	.	22.6	29.5	12.3
North Macedonia	341	200	87.4	11.5	1.1	0.0	5.4	21.8	11.4	1.8	-12.7	.	-0.1	12.1
Slovenia	368	240	61.5	36.1	2.4	0.0	5.4	16.5	39.4	35.3	46.8	.	35.1	37.4
Sweden	437	181	59.5	39.3	1.1	0.0	6.7	20.5	29.5	26.7	27.7	.	28.9	30.3
Table Average (9)	3556	2204	78.8	20.0	1.0	0.3	3.7	17.3	25.3	19.8	15.1	24.6	20.0	25.1

Question: Do the students in this class have digital devices (including computers, tablets, or smartphones) available to use during science lessons?
Location: 2024 Context Data - TQS-08A (ATBLS08A)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	203	79.9	20.1	0.3	11.5	18.6	30.3	19.1	19.2
Italy	319	259	57.0	43.0	0.5	2.8	30.6	34.6	48.0	29.3
Jordan	285	262	35.4	64.6	4.9	1.2	19.1	18.4	16.7	31.3
Korea, Rep. of	727	462	97.9	2.1	3.1	15.8	35.3	27.2	32.7	33.0
Kosovo	327	98	20.7	79.3	4.4	54.6	21.3	17.1	-0.1	21.1
Montenegro	395	309	55.1	44.9	0.9	10.9	18.4	19.9	40.3	12.3
North Macedonia	341	202	39.1	60.9	4.3	21.8	8.2	10.5	4.8	12.1
Slovenia	368	242	41.2	58.8	4.5	16.5	36.6	38.6	40.5	37.4
Sweden	437	181	98.2	1.8	7.1	20.5	28.6	22.7	27.7	30.3
Table Average (9)	3556	2218	58.3	41.7	3.3	17.3	24.1	24.4	25.5	25.1

Question: What access do the students have to digital devices? The class has digital devices for each student to use
Location: 2024 Context Data - TQS-08Ba (ATBLS08BA)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	12.3	67.2	20.5	2.1	11.5	25.4	18.1	30.3	-3.5	19.2
Italy	319	259	16.1	41.0	43.0	0.5	2.8	27.4	31.9	34.6	48.0	29.3
Jordan	285	260	8.3	26.6	65.2	5.8	1.2	34.3	13.9	18.4	19.0	31.3
Korea, Rep. of	727	456	75.5	22.3	2.1	3.9	15.8	36.1	33.1	27.2	30.2	33.0
Kosovo	327	97	3.5	14.6	81.9	5.7	54.6	0.8	24.3	17.1	6.7	21.1
Montenegro	395	305	3.7	50.9	45.3	1.8	10.9	29.7	17.9	19.9	21.5	12.3
North Macedonia	341	199	14.0	24.5	61.5	5.0	21.8	12.1	6.5	10.5	3.1	12.1
Slovenia	368	242	5.7	35.5	58.8	4.5	16.5	45.3	35.2	38.6	40.5	37.4
Sweden	437	180	91.7	6.5	1.8	7.4	20.5	29.5	15.3	22.7	28.3	30.3
Table Average (9)	3556	2198	25.6	32.1	42.2	4.1	17.3	26.7	21.8	24.4	21.5	25.1

Question: What access do the students have to digital devices? The class has digital devices that students can share
 Location: 2024 Context Data - TQS-08Bb (ATBLS08BB)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	199	35.2	44.2	20.6	2.4	11.5	17.3	20.8	30.3	-1.1	19.2
Italy	319	259	48.4	8.7	43.0	0.5	2.8	29.8	35.0	34.6	48.0	29.3
Jordan	285	260	11.5	23.3	65.2	5.8	1.2	35.5	10.4	18.4	19.0	31.3
Korea, Rep. of	727	455	54.3	43.6	2.2	4.0	15.8	37.0	33.5	27.2	30.1	33.0
Kosovo	327	98	11.4	9.3	79.3	4.4	54.6	24.6	17.2	17.1	-0.1	21.1
Montenegro	395	306	39.8	15.1	45.0	1.3	10.9	19.5	15.5	19.9	34.2	12.3
North Macedonia	341	199	20.2	18.0	61.8	5.3	21.8	0.1	16.9	10.5	6.1	12.1
Slovenia	368	242	12.5	28.7	58.8	4.5	16.5	37.8	36.1	38.6	40.5	37.4
Sweden	437	180	26.8	71.4	1.8	7.4	20.5	30.6	27.8	22.7	28.3	30.3
Table Average (9)	3556	2198	28.9	29.2	41.9	4.0	17.3	25.8	23.7	24.4	22.8	25.1

Question: What access do the students have to digital devices? The school has digital devices that the class can use sometimes
 Location: 2024 Context Data - TQS-08Bc (ATBLS08BC)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	198	70.7	8.7	20.6	2.5	11.5	19.6	20.9	30.3	-14.2	19.2
Italy	319	258	53.5	3.4	43.1	0.9	2.8	30.7	30.1	34.6	38.7	29.3
Jordan	285	260	24.7	10.1	65.2	5.8	1.2	28.9	-6.0	18.4	19.0	31.3
Korea, Rep. of	727	456	63.9	34.0	2.1	3.9	15.8	36.2	34.1	27.2	30.2	33.0
Kosovo	327	98	15.7	5.1	79.3	4.4	54.6	16.1	37.4	17.1	-0.1	21.1
Montenegro	395	307	47.3	7.8	44.9	1.0	10.9	17.2	25.7	19.9	38.0	12.3
North Macedonia	341	200	29.7	9.0	61.3	4.7	21.8	7.4	11.9	10.5	3.5	12.1
Slovenia	368	242	40.5	0.7	58.8	4.5	16.5	36.6	38.6	38.6	40.5	37.4
Sweden	437	180	30.6	67.6	1.8	7.4	20.5	28.0	28.8	22.7	28.3	30.3
Table Average (9)	3556	2199	41.8	16.3	41.9	3.9	17.3	24.5	24.6	24.4	20.4	25.1

Question: What access do the students have to digital devices? Students bring their own digital devices
 Location: 2024 Context Data - TQS-08Bd (ATBLS08BD)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	198	46.6	32.9	20.5	2.3	11.5	16.9	22.8	30.3	-4.6	19.2
Italy	319	257	3.4	53.2	43.3	1.3	2.8	23.4	31.2	34.6	31.5	29.3
Jordan	285	260	4.2	30.6	65.2	5.8	1.2	32.3	16.8	18.4	19.0	31.3
Korea, Rep. of	727	456	24.4	73.4	2.1	3.9	15.8	34.6	35.7	27.2	30.2	33.0
Kosovo	327	98	5.4	15.4	79.3	4.4	54.6	-10.0	32.3	17.1	-0.1	21.1
Montenegro	395	307	10.2	44.9	44.9	1.0	10.9	22.2	17.5	19.9	38.0	12.3
North Macedonia	341	201	7.8	31.0	61.1	4.6	21.8	8.7	8.3	10.5	3.9	12.1
Slovenia	368	242	8.2	33.0	58.8	4.5	16.5	33.5	37.4	38.6	40.5	37.4
Sweden	437	180	64.0	34.2	1.8	7.4	20.5	28.1	29.4	22.7	28.3	30.3
Table Average (9)	3556	2199	19.4	38.7	41.9	3.9	17.3	21.1	25.7	24.4	20.7	25.1

Question: How often do you have students use digital devices during science instruction?
 Location: 2024 Context Data - TQS-08C (ATBLS08C)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	200	41.9	29.6	7.2	0.9	20.3	1.4	11.5	20.2	19.1	18.7	6.2	30.3	-25.9	19.2
Italy	319	259	21.5	19.8	13.4	2.3	43.0	0.5	2.8	26.8	29.5	38.3	30.4	34.6	48.0	29.3
Jordan	285	256	9.4	9.5	12.3	2.6	66.3	7.4	1.2	42.5	17.7	9.9	2.6	18.4	11.1	31.3
Korea, Rep. of	727	454	26.0	57.9	11.3	2.7	2.2	4.5	15.8	35.2	36.2	32.0	36.8	27.2	30.5	33.0
Kosovo	327	98	15.8	3.0	1.2	0.8	79.3	4.4	54.6	28.7	-8.8	8.4	7.6	17.1	-0.1	21.1
Montenegro	395	307	35.4	15.2	3.5	0.7	45.2	1.5	10.9	17.0	21.1	26.0	-4.2	19.9	30.6	12.3
North Macedonia	341	200	18.6	14.6	3.5	2.3	61.2	4.6	21.8	-1.5	22.4	10.6	-5.4	10.5	4.0	12.1
Slovenia	368	241	2.1	13.9	24.3	0.8	58.9	4.6	16.5	27.2	36.7	38.1	9.2	38.6	40.8	37.4
Sweden	437	180	53.0	39.5	3.7	2.1	1.8	7.4	20.5	27.9	30.4	21.8	19.9	22.7	28.5	30.3
Table Average (9)	3556	2195	24.8	22.6	8.9	1.7	42.0	4.0	17.3	24.9	22.7	22.6	11.5	24.4	18.6	25.1

Question: How often do you ask the students in your class to use digital devices to do these science activities? Solve extended or contextualized problems
 Location: 2024 Context Data - TQS-08Da (ATBLS08DA)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	25.2	36.7	13.9	4.0	20.1	0.6	11.5	16.1	17.1	26.5	25.4	30.3	-17.2	19.2
Italy	319	257	8.7	18.9	16.2	12.8	43.4	1.5	2.8	21.9	31.2	32.8	34.7	34.6	22.0	29.3
Jordan	285	261	11.4	12.4	9.7	1.9	64.6	5.0	1.2	28.1	25.0	0.0	20.5	18.4	17.5	31.3
Korea, Rep. of	727	456	25.9	51.5	16.0	4.4	2.1	3.9	15.8	37.4	35.1	32.3	37.2	27.2	32.5	33.0
Kosovo	327	98	11.3	8.0	0.8	0.6	79.3	4.4	54.6	31.6	10.3	7.6	-8.6	17.1	-0.1	21.1
Montenegro	395	305	11.5	21.3	16.2	5.2	45.8	2.8	10.9	20.5	16.7	20.8	16.2	19.9	20.5	12.3
North Macedonia	341	201	14.2	12.4	10.2	2.2	61.0	4.4	21.8	1.8	9.8	20.8	-17.2	10.5	4.4	12.1
Slovenia	368	241	0.0	5.8	20.0	15.3	58.9	4.6	16.5	7.3	34.4	34.3	40.4	38.6	40.8	37.4
Sweden	437	180	13.8	43.8	26.8	13.8	1.8	7.4	20.5	30.7	28.3	28.6	27.0	22.7	28.5	30.3
Table Average (9)	3556	2201	13.6	23.4	14.4	6.7	41.9	3.8	17.3	21.7	23.1	22.6	19.5	24.4	16.6	25.1

Question: How often do you ask the students in your class to use digital devices to do these science activities? Create graphs, tables, or other data displays
 Location: 2024 Context Data - TQS-08Db (ATBLS08DB)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	15.3	40.1	19.2	5.0	20.4	1.8	11.5	14.3	15.4	27.9	27.8	30.3	1.7	19.2
Italy	319	258	8.8	16.6	20.9	10.6	43.1	0.9	2.8	24.8	30.1	27.8	42.0	34.6	38.7	29.3
Jordan	285	261	9.7	13.1	6.8	5.8	64.6	5.0	1.2	38.3	12.7	43.1	-27.6	18.4	17.5	31.3
Korea, Rep. of	727	456	10.9	34.1	27.0	25.8	2.2	4.1	15.8	32.5	36.9	33.0	36.9	27.2	33.3	33.0
Kosovo	327	98	1.3	16.1	1.7	1.6	79.3	4.4	54.6	12.8	23.3	13.8	15.5	17.1	-0.1	21.1
Montenegro	395	304	8.0	16.2	16.5	13.4	45.9	2.8	10.9	28.9	18.5	9.8	23.7	19.9	20.4	12.3
North Macedonia	341	200	5.9	21.0	9.5	2.3	61.3	4.7	21.8	-15.3	8.1	28.1	-8.2	10.5	3.5	12.1
Slovenia	368	241	0.0	5.2	15.4	20.6	58.9	4.6	16.5	7.3	33.8	36.7	37.1	38.6	40.8	37.4
Sweden	437	179	2.0	21.9	41.4	32.9	1.8	7.9	20.5	26.0	26.3	31.1	26.7	22.7	28.9	30.3
Table Average (9)	3556	2197	6.9	20.5	17.6	13.1	41.9	4.0	17.3	18.8	22.8	27.9	19.3	24.4	20.5	25.1

Question: How often do you ask the students in your class to use digital devices to do these science activities? Play games involving science concepts
 Location: 2024 Context Data - TQS-08Dc (ATBLS08DC)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	14.5	25.9	30.6	8.6	20.4	1.8	11.5	23.5	16.2	15.1	31.8	30.3	9.9	19.2
Italy	319	259	12.2	23.9	15.1	5.9	43.0	0.5	2.8	21.1	34.5	29.4	37.5	34.6	48.0	29.3
Jordan	285	260	13.5	12.3	6.8	2.5	64.9	5.4	1.2	26.6	21.1	-0.1	13.8	18.4	19.8	31.3
Korea, Rep. of	727	456	13.4	32.0	27.0	25.5	2.2	4.3	15.8	35.9	37.6	35.1	32.6	27.2	32.4	33.0
Kosovo	327	98	4.8	9.4	5.0	1.6	79.3	4.4	54.6	29.1	18.0	21.8	15.5	17.1	-0.1	21.1
Montenegro	395	305	8.3	17.8	16.7	11.7	45.5	2.1	10.9	12.2	21.2	14.1	26.3	19.9	20.0	12.3
North Macedonia	341	200	12.4	16.6	6.7	3.1	61.3	4.7	21.8	14.2	4.0	13.4	-1.5	10.5	3.5	12.1
Slovenia	368	241	1.1	5.5	26.6	7.9	58.9	4.6	16.5	54.1	31.9	38.3	31.7	38.6	40.8	37.4
Sweden	437	179	8.4	47.3	23.3	19.2	1.8	7.7	20.5	18.6	31.4	28.8	25.4	22.7	28.6	30.3
Table Average (9)	3556	2198	9.8	21.2	17.5	9.6	41.9	4.0	17.3	26.1	24.0	21.7	23.7	24.4	22.6	25.1

Question: How often do you ask the students in your class to use digital devices to do these science activities? Conduct virtual experiments
 or other simulations

Location: 2024 Context Data - TQS-08Dd (ATBLS08DD)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	13.8	32.9	24.7	8.3	20.3	1.3	11.5	19.5	15.1	21.2	22.9	30.3	16.3	19.2
Italy	319	257	6.8	18.3	21.6	10.0	43.3	1.4	2.8	17.4	31.0	30.4	40.9	34.6	27.0	29.3
Jordan	285	261	15.2	11.7	3.9	4.7	64.6	5.0	1.2	29.8	18.0	49.9	-39.0	18.4	17.5	31.3
Korea, Rep. of	727	457	12.8	29.5	32.9	22.7	2.1	3.8	15.8	36.6	34.3	34.7	36.8	27.2	32.9	33.0
Kosovo	327	97	0.0	11.3	7.7	1.0	80.0	4.8	54.6	.	27.7	11.1	29.7	17.1	1.5	21.1
Montenegro	395	304	5.3	16.0	15.4	17.2	46.1	3.3	10.9	17.0	21.0	11.9	22.5	19.9	23.1	12.3
North Macedonia	341	200	13.7	14.1	8.0	2.7	61.5	5.0	21.8	12.8	2.8	13.7	-5.0	10.5	6.0	12.1
Slovenia	368	240	1.6	5.7	18.9	14.8	59.1	5.0	16.5	35.4	35.8	37.7	35.8	38.6	39.7	37.4
Sweden	437	180	4.5	19.1	38.6	36.1	1.8	7.4	20.5	15.3	25.5	29.9	30.3	22.7	28.5	30.3
Table Average (9)	3556	2196	8.2	17.6	19.1	13.0	42.1	4.1	17.3	23.0	23.5	26.7	19.4	24.4	21.4	25.1

Question: How often do you ask the students in your class to use digital devices to do these science activities? Read the textbook or watch instructional videos
 Location: 2024 Context Data - TQS-08De (ATBLS08DE)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	34.5	29.7	12.6	2.9	20.3	1.3	11.5	19.8	14.2	26.9	20.7	30.3	1.3	19.2
Italy	319	258	30.7	19.5	5.7	0.9	43.1	0.8	2.8	29.5	33.0	27.3	34.2	34.6	44.8	29.3
Jordan	285	260	21.0	6.6	4.7	3.0	64.7	5.0	1.2	30.7	17.3	23.1	-65.0	18.4	17.5	31.3
Korea, Rep. of	727	456	29.7	27.6	19.3	21.3	2.1	3.8	15.8	33.6	38.4	32.9	35.9	27.2	32.8	33.0
Kosovo	327	98	12.4	8.4	0.0	0.0	79.3	4.4	54.6	28.4	10.7	.	.	17.1	-0.1	21.1
Montenegro	395	307	22.2	23.2	8.1	1.1	45.4	2.0	10.9	15.0	20.9	23.3	3.6	19.9	25.2	12.3
North Macedonia	341	200	16.6	14.8	5.5	1.8	61.3	4.7	21.8	6.4	8.6	23.0	-18.1	10.5	3.5	12.1
Slovenia	368	241	16.7	10.3	11.7	2.4	58.9	4.6	16.5	36.4	29.7	41.6	42.3	38.6	40.8	37.4
Sweden	437	180	47.6	32.7	13.9	4.0	1.8	7.4	20.5	26.9	32.4	26.5	22.5	22.7	28.5	30.3
Table Average (9)	3556	2201	25.7	19.2	9.1	4.2	41.9	3.8	17.3	25.2	22.8	28.1	9.5	24.4	21.6	25.1

Question: How often do you ask the students in your class to use digital devices to do these science activities? Take a test
 Location: 2024 Context Data - TQS-08Df (ATBLS08DF)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	20.9	26.1	20.0	12.5	20.4	1.8	11.5	13.7	12.1	30.2	22.9	30.3	9.9	19.2
Italy	319	259	5.0	28.1	12.5	11.5	43.0	0.5	2.8	27.4	29.7	33.0	31.5	34.6	48.0	29.3
Jordan	285	259	10.3	14.4	6.5	3.8	65.0	5.6	1.2	23.8	4.9	37.9	38.7	18.4	10.0	31.3
Korea, Rep. of	727	455	6.8	22.9	25.0	43.2	2.2	4.1	15.8	36.4	35.2	36.4	34.5	27.2	33.4	33.0
Kosovo	327	98	2.6	10.1	5.7	2.4	79.3	4.4	54.6	12.3	14.2	41.5	12.8	17.1	-0.1	21.1
Montenegro	395	304	5.5	27.4	7.2	13.6	46.3	3.6	10.9	11.6	22.0	6.2	20.7	19.9	22.7	12.3
North Macedonia	341	200	3.4	17.7	11.6	6.0	61.3	4.7	21.8	18.2	3.6	11.0	12.2	10.5	3.5	12.1
Slovenia	368	241	0.8	6.9	14.9	18.5	58.9	4.6	16.5	44.6	39.5	37.0	34.7	38.6	40.8	37.4
Sweden	437	179	0.8	21.3	46.3	29.8	1.8	7.7	20.5	-2.5	34.5	26.7	27.8	22.7	28.7	30.3
Table Average (9)	3556	2195	6.2	19.4	16.6	15.7	42.0	4.1	17.3	20.6	21.7	28.9	26.2	24.4	21.9	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Basic differences between living and nonliving things
Location: 2024 Context Data - TQS-09Aa (ATBLS09AA)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	46.5	46.8	6.7	1.6	11.5	23.9	20.2	7.0	15.0	19.2
Italy	319	259	97.6	2.4	0.0	0.5	2.8	32.9	7.3	.	48.0	29.3
Jordan	285	257	71.5	27.9	0.6	6.2	1.2	20.8	16.4	-38.9	8.0	31.3
Korea, Rep. of	727	457	36.2	60.5	3.3	3.9	15.8	34.7	35.8	28.3	33.4	33.0
Kosovo	327	96	76.4	22.8	0.8	4.9	54.6	16.4	24.8	31.7	-2.0	21.1
Montenegro	395	307	87.1	11.1	1.8	1.8	10.9	17.8	24.1	31.9	42.7	12.3
North Macedonia	341	196	51.3	29.5	19.2	6.4	21.8	15.1	5.4	1.9	4.9	12.1
Slovenia	368	236	75.8	21.6	2.6	5.7	16.5	37.2	40.2	32.7	40.6	37.4
Sweden	437	179	60.3	18.0	21.7	7.8	20.5	28.0	31.1	27.1	29.1	30.3
Table Average (9)	3556	2188	67.0	26.7	6.3	4.3	17.3	25.2	22.8	15.2	24.4	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Defining characteristics of major groups of living things

Location: 2024 Context Data - TQS-09Ab (ATBLS09AB)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	36.7	45.4	17.9	2.7	11.5	26.7	22.1	7.0	16.4	19.2
Italy	319	258	97.2	2.8	0.0	1.1	2.8	32.4	29.8	.	39.5	29.3
Jordan	285	254	54.3	45.3	0.3	7.6	1.2	23.0	15.4	12.5	6.8	31.3
Korea, Rep. of	727	457	33.4	63.4	3.2	3.9	15.8	36.5	34.7	28.6	33.4	33.0
Kosovo	327	95	66.5	26.7	6.8	5.4	54.6	14.8	24.0	31.9	-0.2	21.1
Montenegro	395	302	74.0	20.7	5.3	4.1	10.9	17.9	22.8	26.2	17.8	12.3
North Macedonia	341	194	45.6	31.8	22.6	7.5	21.8	14.0	3.2	9.6	6.9	12.1
Slovenia	368	236	74.5	13.6	11.9	5.7	16.5	38.5	37.3	33.2	40.6	37.4
Sweden	437	179	57.5	26.5	16.0	7.8	20.5	27.0	31.9	27.5	29.1	30.3
Table Average (9)	3556	2174	60.0	30.7	9.3	5.1	17.3	25.6	24.6	22.1	21.2	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Functions of major structures in living things (e.g., roots in plants)

Location: 2024 Context Data - TQS-09Ac (ATBLS09AC)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	47.3	29.9	22.9	1.2	11.5	24.4	20.4	14.9	15.0	19.2
Italy	319	259	96.1	3.9	0.0	0.5	2.8	32.5	26.6	.	48.0	29.3
Jordan	285	256	68.5	23.6	7.9	6.5	1.2	16.8	20.0	38.7	7.6	31.3
Korea, Rep. of	727	457	55.6	22.3	22.2	3.9	15.8	36.6	31.5	35.0	33.4	33.0
Kosovo	327	97	69.7	23.9	6.4	4.6	54.6	16.1	21.4	30.9	-2.3	21.1
Montenegro	395	306	68.5	18.3	13.2	2.4	10.9	17.5	19.3	26.0	31.1	12.3
North Macedonia	341	193	35.5	56.8	7.7	7.1	21.8	12.8	7.9	6.5	7.1	12.1
Slovenia	368	235	45.7	35.9	18.3	6.1	16.5	38.4	37.0	37.2	40.9	37.4
Sweden	437	179	69.3	22.4	8.3	7.8	20.5	28.9	29.1	22.1	29.1	30.3
Table Average (9)	3556	2183	61.8	26.3	11.9	4.5	17.3	24.9	23.7	26.4	23.3	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Life cycle stages of common plants and animals (e.g., flowering plants, frogs)

Location: 2024 Context Data - TQS-09Ad (ATBLS09AD)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	46.4	22.3	31.3	1.6	11.5	27.1	15.7	15.8	15.0	19.2
Italy	319	259	96.5	3.2	0.3	0.5	2.8	32.5	27.9	32.4	48.0	29.3
Jordan	285	254	65.9	28.0	6.1	6.6	1.2	18.4	24.7	2.3	9.1	31.3
Korea, Rep. of	727	457	77.9	19.0	3.2	3.9	15.8	36.1	30.8	37.3	33.4	33.0
Kosovo	327	96	64.9	29.6	5.6	4.8	54.6	16.3	20.0	32.6	-1.2	21.1
Montenegro	395	306	54.2	21.8	24.0	2.4	10.9	19.2	19.0	17.9	36.2	12.3
North Macedonia	341	195	26.0	70.4	3.5	6.7	21.8	8.8	11.9	-26.6	4.9	12.1
Slovenia	368	234	56.2	14.1	29.7	6.3	16.5	38.1	35.9	37.9	40.3	37.4
Sweden	437	179	77.6	17.5	4.9	7.8	20.5	26.1	40.5	21.1	29.1	30.3
Table Average (9)	3556	2181	62.8	25.1	12.1	4.5	17.3	24.7	25.1	19.0	23.9	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Inherited characteristics of living things
 Location: 2024 Context Data - TQS-09Ae (ATBLS09AE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	19.8	18.9	61.3	2.2	11.5	23.2	24.1	19.1	23.6	19.2
Italy	319	259	56.9	24.2	18.9	0.5	2.8	31.0	35.2	32.5	48.0	29.3
Jordan	285	250	34.9	31.3	33.8	9.1	1.2	22.0	19.4	14.0	19.0	31.3
Korea, Rep. of	727	454	21.3	29.9	48.8	5.2	15.8	36.8	37.8	32.3	37.1	33.0
Kosovo	327	97	53.6	34.8	11.6	4.6	54.6	17.7	18.1	21.9	-2.3	21.1
Montenegro	395	303	42.4	18.8	38.8	3.5	10.9	16.1	20.8	21.8	21.3	12.3
North Macedonia	341	194	25.2	22.1	52.8	7.2	21.8	14.0	1.1	11.8	2.5	12.1
Slovenia	368	237	35.5	10.7	53.8	5.3	16.5	40.5	33.6	36.7	40.9	37.4
Sweden	437	179	33.5	17.5	48.9	7.8	20.5	27.1	30.4	28.5	29.1	30.3
Table Average (9)	3556	2172	35.9	23.1	41.0	5.1	17.3	25.4	24.5	24.3	24.4	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: How living things survive in their environments (e.g., physical characteristics, behaviors)

Location: 2024 Context Data - TQS-09Af (ATBLS09AF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	19.9	72.4	7.8	2.8	11.5	21.0	21.4	16.4	19.1	19.2
Italy	319	258	80.4	13.8	5.8	0.9	2.8	33.3	26.9	32.9	33.4	29.3
Jordan	285	256	48.1	39.4	12.6	6.2	1.2	23.5	16.6	10.9	8.0	31.3
Korea, Rep. of	727	456	23.1	72.6	4.4	3.9	15.8	35.6	35.0	34.3	33.3	33.0
Kosovo	327	96	48.7	41.0	10.3	4.9	54.6	18.1	17.6	23.4	-2.0	21.1
Montenegro	395	306	45.3	38.5	16.2	2.4	10.9	16.9	21.3	18.8	32.5	12.3
North Macedonia	341	194	24.7	63.1	12.2	7.6	21.8	5.8	12.9	3.0	3.5	12.1
Slovenia	368	236	29.2	48.7	22.1	5.6	16.5	40.9	37.0	35.4	39.1	37.4
Sweden	437	179	42.2	33.4	24.4	7.8	20.5	26.6	31.8	26.7	29.1	30.3
Table Average (9)	3556	2178	40.2	47.0	12.8	4.7	17.3	24.7	24.5	22.4	21.8	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: How human actions impact the environment
 Location: 2024 Context Data - TQS-09Ag (ATBLS09AG)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	20.0	70.3	9.7	1.6	11.5	25.3	19.6	22.5	15.0	19.2
Italy	319	259	63.2	34.8	2.0	0.5	2.8	33.5	30.1	32.8	48.0	29.3
Jordan	285	256	46.2	43.8	10.0	6.7	1.2	20.6	22.2	-9.0	21.2	31.3
Korea, Rep. of	727	455	21.7	74.8	3.6	3.9	15.8	35.1	35.5	26.7	33.4	33.0
Kosovo	327	96	41.4	57.6	0.9	4.9	54.6	14.5	21.1	27.7	-2.0	21.1
Montenegro	395	302	53.9	42.2	3.9	4.3	10.9	16.6	21.2	27.5	25.2	12.3
North Macedonia	341	193	24.8	70.8	4.4	7.2	21.8	5.1	12.0	7.0	1.7	12.1
Slovenia	368	237	30.4	69.1	0.5	5.3	16.5	40.1	36.4	75.5	40.9	37.4
Sweden	437	179	34.9	53.8	11.3	7.8	20.5	28.6	29.1	23.9	29.1	30.3
Table Average (9)	3556	2178	37.4	57.5	5.1	4.7	17.3	24.4	25.2	26.1	23.6	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Common ecosystems and their organisms
 (e.g., forest, desert)

Location: 2024 Context Data - TQS-09Ah (ATBLS09AH)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	15.8	81.4	2.8	2.2	11.5	15.7	22.9	-2.3	13.6	19.2
Italy	319	258	85.5	10.9	3.6	0.8	2.8	34.3	19.3	25.6	36.2	29.3
Jordan	285	256	49.6	44.2	6.3	6.5	1.2	18.7	18.8	25.4	9.5	31.3
Korea, Rep. of	727	457	22.9	75.1	2.0	3.9	15.8	37.7	34.3	37.2	33.4	33.0
Kosovo	327	97	42.2	50.2	7.6	4.6	54.6	16.5	17.8	32.1	-2.3	21.1
Montenegro	395	304	34.7	59.1	6.2	3.3	10.9	20.7	17.8	20.4	27.4	12.3
North Macedonia	341	192	18.3	73.6	8.1	8.4	21.8	9.7	11.4	1.0	1.1	12.1
Slovenia	368	237	51.6	25.9	22.5	5.3	16.5	39.1	34.9	37.7	40.9	37.4
Sweden	437	179	46.6	36.9	16.5	7.8	20.5	27.6	27.4	32.6	29.1	30.3
Table Average (9)	3556	2180	40.8	50.8	8.4	4.8	17.3	24.4	22.7	23.3	21.0	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Interpreting simple food chains
 Location: 2024 Context Data - TQS-09Ai (ATBLS09AI)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	201	16.3	81.1	2.6	1.6	11.5	22.2	21.0	16.0	15.0	19.2
Italy	319	259	82.4	12.8	4.8	0.5	2.8	33.0	27.0	34.9	48.0	29.3
Jordan	285	255	65.5	28.7	5.8	6.5	1.2	17.7	21.4	25.7	8.9	31.3
Korea, Rep. of	727	456	11.4	88.1	0.4	3.9	15.8	32.1	35.5	35.0	33.3	33.0
Kosovo	327	94	48.4	43.0	8.7	5.9	54.6	19.6	16.5	21.9	1.0	21.1
Montenegro	395	305	44.0	52.5	3.5	2.9	10.9	17.5	20.0	26.3	23.4	12.3
North Macedonia	341	193	26.2	63.2	10.6	7.2	21.8	13.0	11.1	-7.5	6.1	12.1
Slovenia	368	238	12.2	72.8	15.0	4.8	16.5	40.9	36.6	40.4	41.6	37.4
Sweden	437	179	61.1	32.5	6.5	7.8	20.5	27.8	31.1	19.9	29.1	30.3
Table Average (9)	3556	2180	40.8	52.7	6.4	4.6	17.3	24.9	24.5	23.6	22.9	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Competition within ecosystems
 Location: 2024 Context Data - TQS-09Aj (ATBLS09Aj)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	196	10.1	61.6	28.3	4.2	11.5	8.6	24.4	15.8	32.2	19.2
Italy	319	258	71.7	15.1	13.2	1.1	2.8	33.6	24.6	33.0	55.0	29.3
Jordan	285	257	53.9	36.8	9.3	6.2	1.2	14.5	26.9	16.3	8.0	31.3
Korea, Rep. of	727	457	9.4	79.5	11.1	3.9	15.8	29.5	35.6	36.8	33.4	33.0
Kosovo	327	97	38.9	37.8	23.3	4.6	54.6	16.4	21.5	16.6	-2.3	21.1
Montenegro	395	303	23.3	61.1	15.6	3.6	10.9	15.6	19.7	19.8	31.0	12.3
North Macedonia	341	192	16.0	64.2	19.8	8.0	21.8	12.5	11.0	4.4	3.8	12.1
Slovenia	368	236	7.6	42.7	49.7	5.7	16.5	40.5	38.0	37.0	40.6	37.4
Sweden	437	177	39.6	31.1	29.3	8.7	20.5	29.2	28.7	27.3	28.1	30.3
Table Average (9)	3556	2173	30.0	47.8	22.2	5.1	17.3	22.3	25.6	23.0	25.5	25.1

Question: When students in this class have been taught each of the following science topics. Life Science: Ways for humans to maintain good health and avoid illness

Location: 2024 Context Data - TQS-09Ak (ATBLS09AK)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	15.4	33.4	51.2	2.0	11.5	18.5	28.6	16.7	19.5	19.2
Italy	319	259	21.9	71.2	6.9	0.5	2.8	33.4	32.1	30.5	48.0	29.3
Jordan	285	255	49.0	45.6	5.4	6.7	1.2	17.4	20.6	21.9	10.5	31.3
Korea, Rep. of	727	454	24.7	47.4	27.9	4.0	15.8	35.1	35.2	35.0	33.6	33.0
Kosovo	327	97	35.0	62.1	3.0	4.6	54.6	23.5	16.2	2.9	-2.3	21.1
Montenegro	395	305	66.2	22.5	11.3	3.0	10.9	17.6	19.6	25.7	28.0	12.3
North Macedonia	341	195	28.9	50.4	20.7	6.3	21.8	12.0	7.5	11.4	5.8	12.1
Slovenia	368	237	35.5	57.4	7.1	5.2	16.5	38.5	36.9	39.8	41.1	37.4
Sweden	437	179	11.5	69.1	19.4	7.8	20.5	29.1	27.6	30.7	29.1	30.3
Table Average (9)	3556	2181	32.0	51.0	17.0	4.5	17.3	25.0	24.9	23.8	23.7	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Solids, liquids, gases, and how their shapes and volumes differ

Location: 2024 Context Data - TQS-09Ba (ATBLS09BA)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	29.6	28.2	42.2	2.0	11.5	19.5	22.4	21.0	20.6	19.2
Italy	319	259	84.8	10.1	5.1	0.5	2.8	33.2	24.9	32.6	48.0	29.3
Jordan	285	257	44.1	53.2	2.7	6.4	1.2	12.0	21.0	43.7	31.4	31.3
Korea, Rep. of	727	454	63.0	28.4	8.6	5.1	15.8	36.0	34.0	28.0	40.2	33.0
Kosovo	327	96	54.2	44.9	0.9	5.5	54.6	15.6	19.1	28.0	8.6	21.1
Montenegro	395	299	63.3	20.6	16.1	5.1	10.9	17.4	21.4	18.1	34.7	12.3
North Macedonia	341	197	51.6	33.4	15.0	5.8	21.8	11.8	5.8	11.5	3.6	12.1
Slovenia	368	238	10.6	83.8	5.6	4.8	16.5	44.6	37.2	31.1	41.6	37.4
Sweden	437	179	49.4	23.6	27.0	7.8	20.5	27.3	29.3	29.4	29.1	30.3
Table Average (9)	3556	2179	50.1	36.2	13.7	4.8	17.3	24.1	23.9	27.1	28.6	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Grouping objects based on their physical properties
Location: 2024 Context Data - TQS-09Bb (ATBLS09BB)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	24.0	31.8	44.2	2.2	11.5	25.0	24.1	16.7	15.1	19.2
Italy	319	258	81.4	11.8	6.8	0.9	2.8	33.3	27.5	28.8	38.7	29.3
Jordan	285	256	31.0	60.1	8.9	6.5	1.2	22.6	20.6	-20.1	31.3	31.3
Korea, Rep. of	727	454	74.1	23.1	2.9	5.1	15.8	35.2	34.3	24.9	40.2	33.0
Kosovo	327	96	41.2	58.8	0.0	5.5	54.6	14.5	19.2	.	8.6	21.1
Montenegro	395	299	61.8	19.0	19.2	4.9	10.9	19.3	16.3	18.3	31.9	12.3
North Macedonia	341	195	36.1	32.6	31.3	6.6	21.8	11.1	5.5	12.6	4.6	12.1
Slovenia	368	237	32.2	48.6	19.2	5.2	16.5	36.2	37.8	39.9	41.1	37.4
Sweden	437	179	43.8	26.1	30.0	7.8	20.5	27.4	31.7	26.9	29.1	30.3
Table Average (9)	3556	2174	47.3	34.7	18.1	5.0	17.3	25.0	24.1	18.5	26.7	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Examples of mixtures and how they can be separated (e.g., filtration, evaporation)

Location: 2024 Context Data - TQS-09Bc (ATBLS09BC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	9.9	21.6	68.5	2.2	11.5	7.2	30.0	20.2	15.1	19.2
Italy	319	258	71.3	11.9	16.8	0.9	2.8	34.7	24.0	28.4	38.7	29.3
Jordan	285	257	33.7	34.7	31.6	6.4	1.2	18.9	16.4	17.6	31.4	31.3
Korea, Rep. of	727	454	75.9	18.5	5.6	5.1	15.8	35.3	32.6	34.1	40.2	33.0
Kosovo	327	95	67.8	32.2	0.0	5.6	54.6	17.3	17.6	.	8.0	21.1
Montenegro	395	297	26.5	39.6	33.9	5.2	10.9	15.8	17.1	21.7	34.9	12.3
North Macedonia	341	198	14.9	81.8	3.3	5.2	21.8	5.1	10.7	2.7	5.1	12.1
Slovenia	368	237	27.1	48.1	24.8	5.2	16.5	41.2	37.3	34.5	41.1	37.4
Sweden	437	179	27.8	49.4	22.8	7.8	20.5	28.1	25.3	35.3	29.1	30.3
Table Average (9)	3556	2175	39.4	37.5	23.0	4.9	17.3	22.6	23.5	24.3	27.1	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Magnetic attraction and repulsion
 Location: 2024 Context Data - TQS-09Bd (ATBLS09BD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	30.8	35.2	33.9	3.6	11.5	20.2	22.2	20.2	21.2	19.2
Italy	319	259	16.3	32.2	51.5	0.5	2.8	30.9	34.7	31.3	48.0	29.3
Jordan	285	256	58.2	25.0	16.7	6.5	1.2	20.2	11.6	17.7	31.3	31.3
Korea, Rep. of	727	452	79.2	12.8	8.0	5.3	15.8	34.5	37.3	32.7	39.5	33.0
Kosovo	327	95	54.1	44.2	1.6	6.0	54.6	18.6	15.3	26.4	9.4	21.1
Montenegro	395	296	22.6	14.3	63.2	6.2	10.9	22.7	18.3	17.4	27.0	12.3
North Macedonia	341	195	30.0	45.9	24.0	6.3	21.8	6.1	6.6	20.7	3.1	12.1
Slovenia	368	236	60.6	10.2	29.2	5.3	16.5	37.5	38.2	37.8	41.2	37.4
Sweden	437	178	17.5	30.1	52.4	8.1	20.5	26.5	25.0	30.8	29.3	30.3
Table Average (9)	3556	2164	41.0	27.8	31.2	5.3	17.3	24.1	23.3	26.1	27.8	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Examples of physical and chemical changes in everyday life
Location: 2024 Context Data - TQS-09Be (ATBLS09BE)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	13.4	28.3	58.4	2.5	11.5	14.5	28.5	18.8	19.9	19.2
Italy	319	259	43.6	30.5	26.0	0.5	2.8	33.2	34.1	28.8	48.0	29.3
Jordan	285	257	46.6	48.5	4.8	6.4	1.2	14.6	20.4	18.6	31.4	31.3
Korea, Rep. of	727	454	31.6	42.2	26.3	5.1	15.8	34.1	35.7	33.9	40.2	33.0
Kosovo	327	95	28.8	68.5	2.8	5.8	54.6	18.5	15.9	31.5	10.4	21.1
Montenegro	395	299	16.1	25.1	58.8	4.9	10.9	17.8	17.2	19.3	31.9	12.3
North Macedonia	341	197	21.8	42.4	35.8	5.8	21.8	4.8	6.4	16.8	3.6	12.1
Slovenia	368	237	13.1	38.2	48.7	5.2	16.5	44.8	38.0	35.5	41.1	37.4
Sweden	437	179	17.7	60.6	21.8	7.8	20.5	27.7	28.5	28.6	29.1	30.3
Table Average (9)	3556	2176	25.8	42.7	31.5	4.9	17.3	23.3	25.0	25.8	28.4	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: How to make solids dissolve faster in liquids (e.g., stirring, heating)

Location: 2024 Context Data - TQS-09Bf (ATBLS09BF)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	17.9	25.1	57.0	2.2	11.5	14.1	27.0	20.6	15.1	19.2
Italy	319	258	72.1	14.0	13.9	0.7	2.8	33.0	32.4	28.7	44.6	29.3
Jordan	285	256	26.9	44.6	28.5	6.7	1.2	21.0	20.1	10.5	31.4	31.3
Korea, Rep. of	727	453	28.9	62.0	9.1	5.2	15.8	32.3	36.2	32.0	40.2	33.0
Kosovo	327	96	49.7	47.8	2.5	5.5	54.6	17.7	17.6	3.7	8.6	21.1
Montenegro	395	299	30.2	30.0	39.8	5.7	10.9	17.2	16.5	20.7	32.8	12.3
North Macedonia	341	198	15.4	78.8	5.8	5.6	21.8	-1.1	12.5	-0.5	4.5	12.1
Slovenia	368	238	7.4	87.9	4.6	4.8	16.5	42.5	37.6	31.1	41.6	37.4
Sweden	437	179	30.1	44.3	25.5	7.8	20.5	27.2	26.9	32.2	29.1	30.3
Table Average (9)	3556	2177	31.0	48.3	20.8	4.9	17.3	22.6	25.2	19.9	27.5	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Concentration of solutions
 Location: 2024 Context Data - TQS-09Bg (ATBLS09BG)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	196	6.9	9.8	83.4	3.5	11.5	24.6	23.3	20.7	12.5	19.2
Italy	319	256	53.4	9.6	37.0	1.2	2.8	33.5	29.3	31.3	38.4	29.3
Jordan	285	259	22.0	20.0	58.0	6.1	1.2	15.6	13.8	20.0	29.4	31.3
Korea, Rep. of	727	449	14.1	68.9	17.0	6.8	15.8	33.4	35.0	34.5	39.4	33.0
Kosovo	327	95	36.5	40.0	23.5	5.3	54.6	10.9	22.4	23.3	-0.3	21.1
Montenegro	395	295	8.8	12.5	78.7	6.4	10.9	21.6	14.6	18.5	31.9	12.3
North Macedonia	341	194	10.4	68.7	20.9	6.6	21.8	-2.2	10.3	15.1	1.9	12.1
Slovenia	368	235	2.9	40.5	56.6	6.2	16.5	42.9	37.1	38.2	37.7	37.4
Sweden	437	179	13.1	24.2	62.6	7.8	20.5	25.9	30.1	28.2	29.1	30.3
Table Average (9)	3556	2158	18.7	32.7	48.6	5.5	17.3	22.9	24.0	25.5	24.4	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Sources of energy (e.g., the Sun, wind, water, coal, oil, and gas)

Location: 2024 Context Data - TQS-09Bh (ATBLS09BH)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	195	10.0	36.3	53.7	3.8	11.5	19.6	24.6	20.2	2.8	19.2
Italy	319	258	23.6	58.8	17.6	0.7	2.8	33.5	32.9	28.5	49.6	29.3
Jordan	285	256	46.3	48.2	5.4	7.2	1.2	13.4	22.0	5.6	35.9	31.3
Korea, Rep. of	727	450	30.3	47.5	22.2	6.5	15.8	35.6	34.3	34.1	39.5	33.0
Kosovo	327	95	18.2	81.2	0.6	5.3	54.6	22.3	17.5	18.4	-0.3	21.1
Montenegro	395	295	37.0	48.0	15.1	6.4	10.9	14.4	20.4	21.6	31.2	12.3
North Macedonia	341	196	24.8	64.5	10.7	5.8	21.8	5.1	13.5	-2.0	3.9	12.1
Slovenia	368	237	9.7	83.2	7.0	5.3	16.5	40.0	38.1	31.9	38.1	37.4
Sweden	437	179	24.2	41.9	33.9	7.8	20.5	28.3	28.0	28.9	29.1	30.3
Table Average (9)	3556	2161	24.9	56.6	18.5	5.4	17.3	23.6	25.7	20.8	25.5	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: How light is related to shadows, reflections, and rainbows
Location: 2024 Context Data - TQS-09Bi (ATBLS09BI)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	195	35.5	16.5	48.0	4.1	11.5	24.7	19.8	19.5	11.6	19.2
Italy	319	257	18.8	41.5	39.7	0.9	2.8	31.2	32.3	32.8	46.2	29.3
Jordan	285	258	47.7	35.3	17.0	6.6	1.2	26.9	14.7	2.3	20.4	31.3
Korea, Rep. of	727	448	46.9	17.7	35.4	6.7	15.8	36.5	34.9	32.1	39.3	33.0
Kosovo	327	95	14.7	82.3	2.9	5.3	54.6	12.6	19.7	12.3	-0.3	21.1
Montenegro	395	295	12.3	53.9	33.7	6.4	10.9	11.4	18.4	20.7	31.6	12.3
North Macedonia	341	193	10.5	77.0	12.5	6.8	21.8	14.3	9.4	10.3	2.1	12.1
Slovenia	368	235	45.2	21.6	33.2	6.1	16.5	39.2	39.2	35.1	38.4	37.4
Sweden	437	178	14.6	42.6	42.8	8.1	20.5	29.9	27.5	28.8	28.4	30.3
Table Average (9)	3556	2154	27.4	43.2	29.5	5.6	17.3	25.2	24.0	21.5	24.2	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: How vibrations are related to sound
Location: 2024 Context Data - TQS-09Bj (ATBLS09Bj)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	24.2	13.4	62.3	3.2	11.5	26.7	20.3	19.3	12.0	19.2
Italy	319	257	15.9	45.9	38.2	0.7	2.8	32.6	32.6	31.8	46.6	29.3
Jordan	285	256	22.9	44.9	32.2	6.4	1.2	20.8	18.0	14.9	30.9	31.3
Korea, Rep. of	727	449	44.2	16.8	39.1	6.6	15.8	36.1	33.9	33.4	39.4	33.0
Kosovo	327	94	40.7	51.7	7.7	5.7	54.6	17.6	19.1	16.5	1.6	21.1
Montenegro	395	296	6.6	48.4	45.0	6.4	10.9	13.3	17.5	20.0	31.1	12.3
North Macedonia	341	194	41.5	17.0	41.5	6.9	21.8	9.5	8.2	10.5	4.9	12.1
Slovenia	368	235	30.8	4.6	64.6	6.1	16.5	39.9	30.7	37.4	38.4	37.4
Sweden	437	179	7.9	45.7	46.4	7.8	20.5	29.6	27.0	29.5	29.1	30.3
Table Average (9)	3556	2157	26.1	32.0	41.9	5.5	17.3	25.1	23.0	23.7	26.0	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Movement of heat from hotter to cooler objects
 Location: 2024 Context Data - TQS-09Bk (ATBLS09BK)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	191	23.4	17.9	58.7	6.4	11.5	29.3	18.2	19.3	14.0	19.2
Italy	319	258	44.2	34.2	21.6	0.7	2.8	35.7	30.2	28.5	49.6	29.3
Jordan	285	259	27.3	39.0	33.7	6.1	1.2	12.8	8.8	32.2	29.4	31.3
Korea, Rep. of	727	449	9.6	84.5	5.9	6.6	15.8	30.8	35.3	32.3	39.5	33.0
Kosovo	327	95	21.6	78.4	0.0	5.3	54.6	20.5	17.8	.	-0.3	21.1
Montenegro	395	294	16.2	24.5	59.3	7.3	10.9	17.3	15.6	19.3	33.1	12.3
North Macedonia	341	193	36.8	14.8	48.4	7.4	21.8	9.5	3.1	12.5	3.0	12.1
Slovenia	368	237	2.8	93.2	4.1	5.3	16.5	37.8	38.0	35.8	38.1	37.4
Sweden	437	179	33.6	20.2	46.1	7.8	20.5	31.6	33.0	24.0	29.1	30.3
Table Average (9)	3556	2155	23.9	45.2	30.9	5.9	17.3	25.0	22.2	25.5	26.2	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Simple electrical circuits
 Location: 2024 Context Data - TQS-09B1 (ATBLS09BL)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	195	5.6	78.6	15.7	4.1	11.5	4.7	22.1	23.8	11.9	19.2
Italy	319	257	9.3	28.4	62.3	0.8	2.8	35.6	30.2	32.8	38.2	29.3
Jordan	285	257	69.7	20.5	9.8	6.3	1.2	18.3	16.0	17.3	30.3	31.3
Korea, Rep. of	727	450	11.7	10.7	77.6	6.5	15.8	30.9	35.0	35.2	39.5	33.0
Kosovo	327	94	21.2	78.8	0.0	5.7	54.6	23.4	17.1	.	0.9	21.1
Montenegro	395	295	4.9	9.0	86.1	6.3	10.9	9.2	16.6	18.9	32.7	12.3
North Macedonia	341	196	42.7	15.7	41.6	6.4	21.8	9.0	7.9	12.0	1.0	12.1
Slovenia	368	237	82.0	3.7	14.4	5.3	16.5	37.8	37.0	38.6	38.1	37.4
Sweden	437	179	21.1	41.0	37.9	7.8	20.5	28.3	25.2	31.9	29.1	30.3
Table Average (9)	3556	2160	29.8	31.8	38.4	5.5	17.3	21.9	23.0	26.3	24.6	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: How motion is affected by forces
(e.g., gravity, pushing, pulling, friction)
Location: 2024 Context Data - TQS-09Bm (ATBLS09BM)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	196	25.4	33.3	41.3	4.1	11.5	20.5	23.4	19.9	14.5	19.2
Italy	319	258	8.5	33.7	57.8	0.7	2.8	37.4	32.5	31.4	49.6	29.3
Jordan	285	258	55.0	34.3	10.8	6.2	1.2	18.0	16.6	20.1	29.5	31.3
Korea, Rep. of	727	450	18.1	27.7	54.2	6.5	15.8	31.4	34.7	35.7	39.5	33.0
Kosovo	327	94	39.1	54.9	5.9	5.5	54.6	16.8	20.0	15.8	0.1	21.1
Montenegro	395	297	11.3	11.2	77.4	5.8	10.9	13.8	22.4	18.3	34.5	12.3
North Macedonia	341	194	34.2	16.2	49.7	6.5	21.8	9.6	10.4	9.9	3.2	12.1
Slovenia	368	234	37.7	25.1	37.2	6.3	16.5	38.5	36.9	37.9	38.3	37.4
Sweden	437	179	15.7	29.4	54.9	7.8	20.5	31.1	27.6	28.0	29.1	30.3
Table Average (9)	3556	2160	27.2	29.5	43.2	5.5	17.3	24.1	24.9	24.1	26.5	25.1

Question: When students in this class have been taught each of the following science topics. Physical Science: Examples of simple machines (e.g., levers, ramps)
Location: 2024 Context Data - TQS-09Bn (ATBLS09BN)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	195	13.4	18.9	67.7	4.5	11.5	21.0	22.9	20.7	16.5	19.2
Italy	319	258	9.2	33.5	57.3	0.7	2.8	36.2	30.3	32.8	49.6	29.3
Jordan	285	257	29.0	24.5	46.5	6.2	1.2	20.5	4.2	23.3	29.7	31.3
Korea, Rep. of	727	450	28.2	14.6	57.2	6.5	15.8	34.8	33.8	34.8	39.5	33.0
Kosovo	327	94	52.4	34.2	13.4	5.5	54.6	17.8	20.3	16.3	0.1	21.1
Montenegro	395	295	10.1	10.1	79.8	7.1	10.9	13.0	14.8	19.4	30.8	12.3
North Macedonia	341	194	22.6	18.2	59.1	6.7	21.8	13.5	7.2	8.8	6.5	12.1
Slovenia	368	237	4.0	49.4	46.6	5.3	16.5	39.2	37.4	38.3	38.1	37.4
Sweden	437	179	39.5	26.7	33.8	7.8	20.5	26.6	31.6	27.9	29.1	30.3
Table Average (9)	3556	2159	23.2	25.6	51.3	5.6	17.3	24.7	22.5	24.7	26.7	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: Composition of Earth's surface (i.e., land, fresh water, salt water)
Location: 2024 Context Data - TQS-09Ca (ATBLS09CA)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	25.8	43.4	30.7	1.4	11.5	21.7	24.5	15.3	20.3	19.2
Italy	319	259	64.5	30.7	4.7	0.5	2.8	33.6	31.0	23.5	48.0	29.3
Jordan	285	254	48.6	36.4	15.0	7.3	1.2	15.3	20.0	26.9	15.8	31.3
Korea, Rep. of	727	453	52.4	20.6	27.0	5.4	15.8	35.8	36.9	31.2	38.7	33.0
Kosovo	327	97	30.7	63.7	5.6	4.3	54.6	15.6	19.4	14.5	-0.3	21.1
Montenegro	395	301	30.0	59.2	10.8	4.9	10.9	20.2	18.4	18.8	24.6	12.3
North Macedonia	341	197	24.1	58.7	17.2	5.8	21.8	7.3	11.8	5.0	6.1	12.1
Slovenia	368	235	34.8	58.1	7.1	5.6	16.5	38.2	37.3	38.2	41.3	37.4
Sweden	437	179	48.1	25.7	26.2	7.8	20.5	28.9	30.2	25.6	29.1	30.3
Table Average (9)	3556	2175	39.9	44.1	16.0	4.8	17.3	24.1	25.5	22.1	24.8	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: Earth's resources and their use by humans
 Location: 2024 Context Data - TQS-09Cb (ATBLS09CB)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	13.9	42.5	43.6	1.4	11.5	25.1	21.3	19.2	20.3	19.2
Italy	319	259	48.0	42.9	9.1	0.5	2.8	36.6	28.3	28.7	48.0	29.3
Jordan	285	255	39.4	48.5	12.1	6.8	1.2	20.3	23.4	-5.9	17.2	31.3
Korea, Rep. of	727	453	39.2	29.9	30.9	5.4	15.8	34.7	35.9	33.8	38.7	33.0
Kosovo	327	97	30.1	66.7	3.2	4.3	54.6	14.6	19.4	18.9	-0.3	21.1
Montenegro	395	301	33.0	50.1	16.9	4.6	10.9	20.9	19.8	12.6	26.1	12.3
North Macedonia	341	197	29.1	54.2	16.7	5.8	21.8	12.1	10.7	1.4	6.1	12.1
Slovenia	368	237	12.6	67.0	20.4	5.3	16.5	40.2	38.0	35.1	40.9	37.4
Sweden	437	179	24.6	44.2	31.2	7.8	20.5	31.9	28.1	26.0	29.1	30.3
Table Average (9)	3556	2178	30.0	49.6	20.5	4.7	17.3	26.3	25.0	18.9	25.1	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: Renewable and nonrenewable resources
 Location: 2024 Context Data - TQS-09Cc (ATBLS09CC)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	7.6	29.6	62.8	1.6	11.5	21.5	21.5	19.8	48.4	19.2
Italy	319	258	32.7	56.5	10.8	1.2	2.8	37.0	30.2	27.4	50.9	29.3
Jordan	285	253	39.4	54.5	6.1	7.2	1.2	19.6	18.0	17.8	16.9	31.3
Korea, Rep. of	727	451	32.5	28.6	38.9	6.5	15.8	35.3	36.3	32.8	39.8	33.0
Kosovo	327	95	31.3	67.0	1.8	5.0	54.6	19.0	17.5	29.6	0.7	21.1
Montenegro	395	304	32.0	46.8	21.3	3.3	10.9	18.6	21.7	12.3	34.3	12.3
North Macedonia	341	196	20.3	64.1	15.6	6.1	21.8	9.7	12.5	-1.3	3.6	12.1
Slovenia	368	237	9.7	77.1	13.2	5.3	16.5	39.3	37.6	36.9	40.9	37.4
Sweden	437	179	20.6	47.7	31.7	7.8	20.5	33.8	27.6	25.9	29.1	30.3
Table Average (9)	3556	2173	25.1	52.4	22.5	4.9	17.3	26.0	24.8	22.4	29.4	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: How wind and water change Earth's surface over time
 Location: 2024 Context Data - TQS-09Cd (ATBLS09CD)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	196	10.5	33.4	56.1	3.0	11.5	22.1	19.3	22.0	14.5	19.2
Italy	319	259	51.5	36.3	12.2	0.5	2.8	33.9	30.0	32.6	48.0	29.3
Jordan	285	254	32.7	40.2	27.0	7.6	1.2	22.3	13.4	22.8	14.6	31.3
Korea, Rep. of	727	453	59.5	25.7	14.7	5.4	15.8	35.0	34.9	33.6	38.7	33.0
Kosovo	327	95	21.2	64.6	14.2	5.1	54.6	14.8	18.5	21.2	1.3	21.1
Montenegro	395	300	18.1	59.0	22.9	4.3	10.9	10.7	21.7	17.3	30.3	12.3
North Macedonia	341	194	13.4	70.4	16.2	7.1	21.8	12.3	10.8	3.4	4.5	12.1
Slovenia	368	237	3.8	72.9	23.3	5.3	16.5	39.9	38.5	34.9	40.9	37.4
Sweden	437	179	23.3	43.8	32.9	7.8	20.5	30.7	29.3	25.5	29.1	30.3
Table Average (9)	3556	2167	26.0	49.6	24.4	5.1	17.3	24.6	24.0	23.7	24.7	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: What fossils can show about Earth's history
 Location: 2024 Context Data - TQS-09Ce (ATBLS09CE)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	7.5	68.7	23.8	1.8	11.5	19.4	23.7	12.8	26.8	19.2
Italy	319	259	71.7	13.0	15.3	0.5	2.8	33.5	28.4	29.9	48.0	29.3
Jordan	285	256	38.9	20.1	41.0	6.8	1.2	21.5	16.8	16.7	17.2	31.3
Korea, Rep. of	727	452	65.5	13.6	20.8	5.4	15.8	36.4	35.9	29.1	38.7	33.0
Kosovo	327	96	34.1	51.0	15.0	4.7	54.6	8.3	23.0	22.7	1.6	21.1
Montenegro	395	299	2.9	16.7	80.4	5.2	10.9	14.2	15.7	19.5	28.3	12.3
North Macedonia	341	197	22.1	28.7	49.2	5.7	21.8	8.5	4.0	12.8	8.9	12.1
Slovenia	368	236	12.6	17.2	70.2	5.6	16.5	41.2	36.1	37.1	44.4	37.4
Sweden	437	178	28.5	19.8	51.6	8.7	20.5	26.2	32.5	27.9	29.2	30.3
Table Average (9)	3556	2172	31.5	27.7	40.8	4.9	17.3	23.2	24.0	23.2	27.0	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: How weather changes day to day and
 with geographic location

Location: 2024 Context Data - TQS-09Cf (ATBLS09CF)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	13.4	27.6	59.0	1.8	11.5	18.6	23.7	20.1	22.1	19.2
Italy	319	258	49.3	33.2	17.5	0.9	2.8	33.6	30.4	32.0	46.2	29.3
Jordan	285	253	30.6	38.4	31.0	7.1	1.2	20.1	13.1	24.4	15.7	31.3
Korea, Rep. of	727	450	12.5	69.5	18.1	6.2	15.8	31.1	35.5	34.7	37.9	33.0
Kosovo	327	97	17.4	78.3	4.2	4.3	54.6	17.5	17.8	22.2	-0.3	21.1
Montenegro	395	301	13.0	21.5	65.5	4.6	10.9	14.8	19.2	19.5	27.9	12.3
North Macedonia	341	193	18.4	45.7	35.9	7.0	21.8	6.3	10.6	9.8	7.0	12.1
Slovenia	368	237	4.5	57.0	38.5	5.3	16.5	43.2	38.5	35.9	40.9	37.4
Sweden	437	178	33.5	32.7	33.8	8.2	20.5	30.1	28.3	26.8	28.8	30.3
Table Average (9)	3556	2165	21.4	44.9	33.7	5.0	17.3	23.9	24.1	25.0	25.2	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: Effects of increasing temperatures on Earth
Location: 2024 Context Data - TQS-09Cg (ATBLS09CG)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	196	10.7	34.7	54.6	2.7	11.5	20.1	24.0	19.6	12.5	19.2
Italy	319	259	39.8	46.3	13.9	0.5	2.8	36.1	29.8	29.7	48.0	29.3
Jordan	285	253	32.1	35.2	32.6	7.8	1.2	22.1	23.2	10.3	17.4	31.3
Korea, Rep. of	727	451	28.2	59.5	12.3	5.4	15.8	36.9	34.4	31.8	38.5	33.0
Kosovo	327	96	20.5	69.8	9.7	4.7	54.6	15.9	18.8	16.0	1.6	21.1
Montenegro	395	301	10.2	29.2	60.6	4.5	10.9	15.8	22.3	17.3	32.6	12.3
North Macedonia	341	193	24.5	48.5	27.0	7.4	21.8	5.1	12.3	10.3	2.8	12.1
Slovenia	368	236	5.0	51.7	43.4	5.7	16.5	45.3	37.6	36.8	41.2	37.4
Sweden	437	178	24.9	43.6	31.5	8.0	20.5	25.0	28.8	30.3	29.1	30.3
Table Average (9)	3556	2163	21.8	46.5	31.7	5.2	17.3	24.7	25.7	22.5	24.9	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: Composition of the Solar System (the Sun, Earth, Moon, and other planets)
Location: 2024 Context Data - TQS-09Ch (ATBLS09CH)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	198	15.1	78.9	6.0	1.8	11.5	19.8	21.3	19.5	20.2	19.2
Italy	319	259	9.5	78.7	11.8	0.5	2.8	39.1	32.2	27.4	48.0	29.3
Jordan	285	254	51.6	24.3	24.1	7.5	1.2	23.3	16.7	11.0	15.7	31.3
Korea, Rep. of	727	451	7.3	81.6	11.1	6.1	15.8	32.3	34.9	36.3	37.4	33.0
Kosovo	327	97	18.1	79.2	2.7	4.3	54.6	17.2	18.4	10.9	-0.3	21.1
Montenegro	395	300	13.3	27.0	59.7	4.7	10.9	25.2	17.5	18.5	22.4	12.3
North Macedonia	341	194	33.4	30.1	36.5	7.4	21.8	9.6	3.5	15.1	4.8	12.1
Slovenia	368	236	27.4	25.0	47.5	5.7	16.5	42.5	37.6	34.9	41.2	37.4
Sweden	437	179	41.5	13.6	45.0	7.8	20.5	30.0	23.3	28.4	29.1	30.3
Table Average (9)	3556	2168	24.1	48.7	27.1	5.1	17.3	26.6	22.8	22.4	24.3	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: How the Moon's movement around the Earth changes its appearance
Location: 2024 Context Data - TQS-09Ci (ATBLS09CI)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	13.1	63.9	23.0	3.4	11.5	12.5	24.7	16.5	13.9	19.2
Italy	319	259	9.4	75.6	15.0	0.5	2.8	27.9	33.7	27.8	48.0	29.3
Jordan	285	252	49.5	16.9	33.6	8.3	1.2	20.8	10.6	19.5	17.0	31.3
Korea, Rep. of	727	453	5.7	23.9	70.4	5.4	15.8	25.9	35.8	35.2	38.7	33.0
Kosovo	327	97	14.2	80.5	5.3	4.3	54.6	12.2	19.4	12.0	-0.3	21.1
Montenegro	395	301	9.4	32.2	58.5	4.6	10.9	6.6	24.1	17.6	30.7	12.3
North Macedonia	341	197	27.0	29.1	43.9	5.9	21.8	4.9	2.2	17.0	7.6	12.1
Slovenia	368	234	25.6	24.5	49.8	6.2	16.5	42.6	37.9	35.0	41.1	37.4
Sweden	437	178	36.7	16.5	46.8	8.0	20.5	31.5	27.8	26.0	29.6	30.3
Table Average (9)	3556	2168	21.2	40.3	38.5	5.2	17.3	20.6	24.0	22.9	25.2	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: How Earth's rotation causes day and night
 Location: 2024 Context Data - TQS-09Cj (ATBLS09CJ)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	17.3	57.9	24.8	1.4	11.5	12.4	25.3	16.6	20.3	19.2
Italy	319	259	11.3	77.0	11.7	0.5	2.8	29.1	33.5	27.5	48.0	29.3
Jordan	285	254	71.9	22.8	5.4	7.4	1.2	22.4	7.1	15.2	18.4	31.3
Korea, Rep. of	727	453	8.1	23.8	68.1	5.4	15.8	29.3	33.1	36.0	38.7	33.0
Kosovo	327	97	19.3	80.1	0.6	4.3	54.6	15.7	18.2	51.1	-0.3	21.1
Montenegro	395	302	27.9	57.4	14.7	3.9	10.9	15.8	21.5	13.8	30.3	12.3
North Macedonia	341	195	29.7	34.0	36.3	6.5	21.8	5.9	5.5	17.1	3.7	12.1
Slovenia	368	238	30.7	65.5	3.9	4.8	16.5	39.0	37.5	30.3	41.6	37.4
Sweden	437	179	44.1	20.6	35.3	7.8	20.5	29.6	24.4	29.2	29.1	30.3
Table Average (9)	3556	2177	28.9	48.8	22.3	4.7	17.3	22.1	22.9	26.3	25.5	25.1

Question: When students in this class have been taught each of the following science topics. Earth Science: How Earth's annual movement around the Sun causes seasons or seasonal change
Location: 2024 Context Data - TQS-09Ck (ATBLS09CK)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	200	19.3	53.1	27.6	1.4	11.5	11.1	24.4	21.0	20.3	19.2
Italy	319	259	11.9	75.7	12.4	0.5	2.8	28.0	33.6	28.8	48.0	29.3
Jordan	285	256	69.3	22.7	8.0	6.8	1.2	20.6	12.3	19.2	17.2	31.3
Korea, Rep. of	727	453	7.9	24.2	68.0	5.4	15.8	28.0	33.3	36.1	38.7	33.0
Kosovo	327	97	20.8	75.5	3.7	4.3	54.6	24.8	16.6	7.3	-0.3	21.1
Montenegro	395	302	34.9	51.0	14.1	3.9	10.9	17.0	21.4	13.6	30.3	12.3
North Macedonia	341	194	30.7	34.5	34.8	6.9	21.8	6.2	4.8	16.6	8.8	12.1
Slovenia	368	238	23.9	71.6	4.5	4.8	16.5	41.4	36.7	33.2	41.6	37.4
Sweden	437	179	43.6	21.1	35.3	7.8	20.5	28.9	26.0	29.1	29.1	30.3
Table Average (9)	3556	2178	29.1	47.7	23.1	4.6	17.3	22.9	23.2	22.8	26.0	25.1

Question: How often do you usually assign science homework to the students in this class?

Location: 2024 Context Data - TQS-10A (ATBLS10A)

Country	Sample	Valid N	1.No scienc e homewo rk %	2.Less than once a week %	3.1-2 times a week %	4.3-4 times a week %	5.Ever y day %	Omitte d %	Not Admini stered %	1.No scienc e homewo rk Mean	2.Less than once a week Mean	3.1-2 times a week Mean	4.3-4 times a week Mean	5.Ever y day Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	202	0.9	6.5	53.7	18.9	20.0	0.9	11.5	11.5	19.3	23.5	21.3	15.5	4.7	19.2
Italy	319	257	1.9	23.0	74.0	0.7	0.5	1.1	2.8	26.9	33.1	33.1	18.0	-84.6	43.0	29.3
Jordan	285	260	1.9	14.9	59.4	18.0	5.9	5.6	1.2	-18.6	21.8	18.4	20.9	16.1	18.4	31.3
Korea, Rep. of	727	455	77.4	20.7	1.6	0.3	0.0	4.9	15.8	35.0	34.4	30.2	42.9	.	39.0	33.0
Kosovo	327	97	0.0	11.6	87.1	0.0	1.3	4.3	54.6	.	20.3	17.6	.	23.1	-0.3	21.1
Montenegro	395	304	0.0	18.9	72.3	1.2	7.7	2.5	10.9	.	17.7	19.6	-3.6	25.0	16.7	12.3
North Macedonia	341	200	3.4	37.1	55.1	0.2	4.2	4.8	21.8	-3.8	9.6	10.5	36.0	4.7	6.7	12.1
Slovenia	368	239	8.8	58.6	32.2	0.3	0.0	4.8	16.5	39.2	36.0	40.6	12.2	.	41.2	37.4
Sweden	437	180	44.3	52.2	3.5	0.0	0.0	7.4	20.5	26.2	29.2	44.4	.	.	28.5	30.3
Table Average (9)	3556	2194	15.4	27.1	48.8	4.4	4.4	4.0	17.3	16.6	24.6	26.4	21.1	0.0	22.0	25.1

Question: How often do you do the following with the science homework assignments for this class? Correct assignments and give feedback to students
 Location: 2024 Context Data - TQS-10Ba (ATBLS10BA)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	189	70.9	27.7	0.4	0.9	6.8	11.5	24.1	18.3	9.6	11.5	3.7	19.2
Italy	319	254	84.7	12.4	1.0	1.9	1.9	2.8	32.3	32.0	51.3	26.9	34.1	29.3
Jordan	285	213	86.2	11.5	0.0	2.3	23.1	1.2	11.3	42.0	.	-18.6	32.9	31.3
Korea, Rep. of	727	449	11.5	8.3	1.0	79.3	6.8	15.8	36.3	31.3	26.5	35.0	38.6	33.0
Kosovo	327	90	86.6	11.7	1.7	0.0	7.1	54.6	18.6	20.7	20.4	.	1.8	21.1
Montenegro	395	279	67.0	29.5	3.5	0.0	9.4	10.9	18.8	20.0	31.9	.	16.7	12.3
North Macedonia	341	190	79.1	17.2	0.0	3.6	9.5	21.8	10.2	14.6	.	-3.8	1.1	12.1
Slovenia	368	233	59.2	22.5	9.2	9.0	6.2	16.5	38.3	37.1	32.9	39.2	41.3	37.4
Sweden	437	173	36.9	12.4	4.5	46.1	10.2	20.5	29.4	32.6	35.0	26.2	27.5	30.3
Table Average (9)	3556	2070	64.7	17.0	2.4	15.9	9.0	17.3	24.4	27.6	29.7	16.6	21.9	25.1

Question: How often do you do the following with the science homework assignments for this class? Discuss the homework in class
 Location: 2024 Context Data - TQS-10Bb (ATBLS10BB)

Country	Sample	Valid N	1.Always or almost always %	2.Some times %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Some times Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	194	80.5	18.6	0.0	0.9	5.1	11.5	22.6	22.4	.	11.5	-4.9	19.2
Italy	319	254	83.1	14.7	0.3	1.9	1.9	2.8	32.0	34.8	50.7	26.9	34.1	29.3
Jordan	285	213	82.7	15.0	0.0	2.3	21.8	1.2	12.2	32.4	.	-18.6	32.6	31.3
Korea, Rep. of	727	450	8.2	9.4	3.5	78.9	6.4	15.8	33.3	36.8	23.9	35.0	40.2	33.0
Kosovo	327	90	76.4	23.6	0.0	0.0	7.1	54.6	16.9	25.3	.	.	1.8	21.1
Montenegro	395	280	70.5	28.8	0.7	0.0	9.6	10.9	20.2	16.4	16.0	.	20.9	12.3
North Macedonia	341	192	71.5	23.9	0.9	3.6	9.4	21.8	11.8	11.6	41.4	-3.8	-6.4	12.1
Slovenia	368	231	82.2	7.6	1.1	9.1	6.8	16.5	37.8	34.4	31.1	39.2	41.2	37.4
Sweden	437	171	38.6	11.1	3.8	46.4	10.8	20.5	28.3	37.7	31.4	26.2	27.9	30.3
Table Average (9)	3556	2075	66.0	17.0	1.2	15.9	8.8	17.3	23.9	28.0	32.4	16.6	20.8	25.1

Question: How often do you do the following with the science homework assignments for this class? Monitor whether or not the homework was completed
 Location: 2024 Context Data - TQS-10Bc (ATBLS10BC)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Georgia	357	189	85.9	12.0	1.1	0.9	7.4	11.5	23.0	18.2	24.0	11.5	5.1	19.2
Italy	319	254	87.5	8.7	1.9	1.9	1.9	2.8	32.9	27.5	33.4	26.9	34.1	29.3
Jordan	285	209	86.6	10.7	0.3	2.3	23.3	1.2	12.5	32.4	44.0	-18.6	33.0	31.3
Korea, Rep. of	727	449	17.7	2.3	0.8	79.3	6.8	15.8	33.7	38.9	22.3	35.0	38.6	33.0
Kosovo	327	90	88.7	11.3	0.0	0.0	7.1	54.6	19.4	15.2	.	.	1.8	21.1
Montenegro	395	274	89.3	10.7	0.0	0.0	11.2	10.9	19.3	17.1	.	.	20.5	12.3
North Macedonia	341	190	87.2	8.9	0.3	3.7	10.0	21.8	11.6	9.5	-5.7	-3.8	-0.7	12.1
Slovenia	368	232	87.1	3.8	0.0	9.0	6.6	16.5	38.0	23.9	.	39.2	41.9	37.4
Sweden	437	171	44.5	5.5	3.6	46.4	10.8	20.5	29.7	34.3	34.6	26.2	27.9	30.3
Table Average (9)	3556	2058	74.9	8.2	0.9	15.9	9.5	17.3	24.5	24.1	25.4	16.6	22.5	25.1

Question: When you assign homework in science, how long do you expect it will take the average student in your class to complete?
 Location: 2024 Context Data - TQS-10C (ATBLS10C)

Country	Sample	Valid N	1.15 minute s or less %	2.16- 30 minute s %	3.31- 60 minute s %	4. More than 60 minute s %	Not Applic able %	Omitte d %	Not Admini stered %	1.15 minute s or less Mean	2.16- 30 minute s Mean	3.31- 60 minute s Mean	4. More than 60 minute s Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	199	34.7	55.8	8.6	0.0	0.9	2.2	11.5	25.1	18.6	22.9	.	11.5	12.1	19.2
Italy	319	258	6.0	40.8	45.7	5.6	1.9	0.8	2.8	32.9	34.3	30.2	34.3	26.9	54.9	29.3
Jordan	285	254	48.4	43.7	2.5	3.5	1.9	7.9	1.2	24.4	17.7	-19.5	-3.3	-18.6	17.6	31.3
Korea, Rep. of	727	456	12.2	7.8	1.2	1.4	77.4	4.9	15.8	30.3	41.1	30.7	33.8	35.0	38.9	33.0
Kosovo	327	97	21.1	54.7	24.1	0.0	0.0	4.3	54.6	16.1	19.0	17.2	.	.	-0.3	21.1
Montenegro	395	305	15.0	66.4	16.3	2.3	0.0	2.1	10.9	22.7	18.1	22.3	17.8	.	11.6	12.3
North Macedonia	341	200	47.3	44.5	3.9	0.9	3.4	4.8	21.8	8.3	12.3	14.6	-1.1	-3.8	1.5	12.1
Slovenia	368	236	57.9	31.2	1.5	0.5	8.9	5.5	16.5	38.3	35.7	38.1	45.0	39.2	42.3	37.4
Sweden	437	180	6.5	34.1	10.9	4.2	44.3	7.4	20.5	33.0	30.3	26.1	35.2	26.2	28.5	30.3
Table Average (9)	3556	2185	27.7	42.1	12.8	2.1	15.4	4.4	17.3	25.7	25.2	20.3	23.1	16.6	23.0	25.1

Question: How much importance do you place on these strategies to assess students' learning in science? Observing students as they work

Location: 2024 Context Data - TQS-11a (ATBLS11A)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	89.7	10.3	0.0	2.9	11.5	20.5	24.8	.	18.9	19.2
Italy	319	259	87.2	11.6	1.2	0.5	2.8	32.6	31.2	18.2	48.0	29.3
Jordan	285	257	89.3	10.7	0.0	8.2	1.2	17.9	20.0	.	23.1	31.3
Korea, Rep. of	727	453	70.3	27.1	2.6	5.0	15.8	36.0	32.8	25.0	38.5	33.0
Kosovo	327	97	95.2	4.8	0.0	4.3	54.6	19.3	-9.6	.	-0.3	21.1
Montenegro	395	302	95.9	4.1	0.0	3.0	10.9	20.3	11.6	.	0.6	12.3
North Macedonia	341	197	95.4	3.9	0.6	5.5	21.8	11.0	-5.6	-63.5	1.2	12.1
Slovenia	368	239	63.9	26.4	9.7	4.8	16.5	38.6	35.0	39.3	41.2	37.4
Sweden	437	180	62.1	37.9	0.0	7.4	20.5	27.7	29.6	.	28.5	30.3
Table Average (9)	3556	2181	83.2	15.2	1.6	4.6	17.3	24.9	18.9	4.7	22.2	25.1

Question: How much importance do you place on these strategies to assess students' learning in science? Asking students to answer questions during class

Location: 2024 Context Data - TQS-11b (ATBLS11B)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	83.1	16.9	0.0	2.9	11.5	18.5	30.6	.	31.4	19.2
Italy	319	258	90.4	9.2	0.4	0.6	2.8	32.7	29.9	10.2	44.5	29.3
Jordan	285	257	84.1	15.8	0.1	7.6	1.2	18.0	21.5	23.4	17.9	31.3
Korea, Rep. of	727	453	59.4	37.2	3.5	5.3	15.8	36.4	32.3	34.5	38.7	33.0
Kosovo	327	97	88.5	11.5	0.0	4.3	54.6	16.7	27.7	.	-0.3	21.1
Montenegro	395	302	95.4	4.6	0.0	3.0	10.9	20.6	5.7	.	0.6	12.3
North Macedonia	341	196	87.5	11.4	1.1	6.5	21.8	10.8	6.7	-36.5	3.7	12.1
Slovenia	368	238	73.9	17.6	8.5	5.0	16.5	37.2	39.7	37.9	40.6	37.4
Sweden	437	180	65.0	33.5	1.5	7.4	20.5	27.9	28.8	40.3	28.5	30.3
Table Average (9)	3556	2178	80.8	17.5	1.7	4.7	17.3	24.3	24.8	18.3	22.9	25.1

Question: How much importance do you place on these strategies to assess students' learning in science? Short, regular written assessments

Location: 2024 Context Data - TQS-11c (ATBLS11C)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	48.0	52.0	0.0	2.9	11.5	20.8	20.4	.	31.4	19.2
Italy	319	258	55.6	40.7	3.7	0.9	2.8	30.3	35.5	27.9	42.7	29.3
Jordan	285	256	56.5	42.5	1.0	8.3	1.2	16.9	19.8	15.0	23.1	31.3
Korea, Rep. of	727	450	35.6	51.9	12.5	5.5	15.8	36.8	33.5	34.2	38.7	33.0
Kosovo	327	96	68.7	30.3	1.0	4.7	54.6	15.5	23.0	29.9	1.6	21.1
Montenegro	395	301	68.0	31.6	0.4	3.1	10.9	17.4	25.3	39.5	1.2	12.3
North Macedonia	341	195	61.2	36.5	2.3	6.5	21.8	10.7	10.0	-14.6	3.4	12.1
Slovenia	368	237	17.9	50.2	31.9	5.3	16.5	39.2	36.4	38.9	40.7	37.4
Sweden	437	180	36.0	54.9	9.1	7.4	20.5	28.8	27.8	30.6	28.5	30.3
Table Average (9)	3556	2170	49.7	43.4	6.9	5.0	17.3	24.0	25.7	25.2	23.5	25.1

Question: How much importance do you place on these strategies to assess students' learning in science? Longer tests (e.g., unit tests or exams)
Location: 2024 Context Data - TQS-11d (ATBLS11D)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	196	22.9	66.7	10.4	3.2	11.5	26.0	19.9	12.7	30.3	19.2
Italy	319	259	42.6	48.1	9.3	0.5	2.8	30.2	33.0	38.3	48.0	29.3
Jordan	285	253	72.3	27.6	0.0	9.4	1.2	19.1	14.6	-109.8	25.1	31.3
Korea, Rep. of	727	450	40.2	33.5	26.4	7.8	15.8	35.1	35.1	33.8	37.9	33.0
Kosovo	327	97	70.8	29.2	0.0	4.3	54.6	17.3	19.4	.	-0.3	21.1
Montenegro	395	301	52.4	42.2	5.5	3.4	10.9	15.0	25.2	30.5	-3.0	12.3
North Macedonia	341	195	67.4	30.0	2.6	6.7	21.8	10.3	11.1	2.2	-1.7	12.1
Slovenia	368	238	74.7	23.9	1.5	5.3	16.5	37.5	38.9	27.7	41.4	37.4
Sweden	437	179	61.5	32.5	6.0	7.7	20.5	27.9	29.5	27.8	28.6	30.3
Table Average (9)	3556	2168	56.1	37.1	6.9	5.4	17.3	24.3	25.2	7.9	22.9	25.1

Question: How much importance do you place on these strategies to assess students' learning in science? Long-term projects
Location: 2024 Context Data - TQS-11e (ATBLS11E)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	197	32.3	61.9	5.8	2.9	11.5	24.6	19.5	8.8	31.4	19.2
Italy	319	259	35.1	55.1	9.7	0.5	2.8	30.1	32.7	38.0	48.0	29.3
Jordan	285	256	33.3	41.4	25.2	8.5	1.2	16.6	17.6	20.7	23.8	31.3
Korea, Rep. of	727	452	17.8	46.4	35.8	5.3	15.8	36.3	34.1	34.9	38.6	33.0
Kosovo	327	97	39.0	54.3	6.7	4.3	54.6	16.7	17.7	27.1	-0.3	21.1
Montenegro	395	303	30.6	50.8	18.6	3.0	10.9	13.9	22.3	23.2	1.7	12.3
North Macedonia	341	196	40.8	44.1	15.0	6.2	21.8	9.3	8.8	13.4	4.9	12.1
Slovenia	368	239	27.6	48.5	24.0	4.8	16.5	40.1	35.9	38.6	41.2	37.4
Sweden	437	179	34.4	57.0	8.5	7.7	20.5	29.4	27.5	28.7	29.8	30.3
Table Average (9)	3556	2178	32.3	51.1	16.6	4.8	17.3	24.1	24.0	26.0	24.4	25.1

Question: In the past two years, have you participated in professional development in any of the following? Science content
 Location: 2024 Context Data - TQS-12Aa (ATBLS12AA)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	196	66.1	33.9	4.4	11.5	20.8	20.1	27.5	19.2
Italy	319	259	13.4	86.6	0.5	2.8	26.5	33.2	48.0	29.3
Jordan	285	256	47.3	52.7	7.9	1.2	20.4	16.5	20.8	31.3
Korea, Rep. of	727	454	39.8	60.2	5.1	15.8	34.0	35.4	38.4	33.0
Kosovo	327	96	11.5	88.5	4.7	54.6	15.6	18.7	-2.1	21.1
Montenegro	395	305	22.9	77.1	3.0	10.9	15.7	20.1	23.9	12.3
North Macedonia	341	194	52.4	47.6	6.8	21.8	14.6	5.1	0.8	12.1
Slovenia	368	239	19.1	80.9	5.1	16.5	30.1	39.4	41.9	37.4
Sweden	437	180	24.9	75.1	7.4	20.5	28.8	28.3	28.5	30.3
Table Average (9)	3556	2179	33.0	67.0	5.0	17.3	22.9	24.1	25.3	25.1

Question: Do you need future professional development in any of the following? Science content
 Location: 2024 Context Data - TQS-12Ba (ATBLS12BA)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	180	46.0	54.0	10.4	11.5	24.4	20.0	12.6	19.2
Italy	319	251	45.4	54.6	3.2	2.8	32.7	32.5	26.8	29.3
Jordan	285	238	49.0	51.0	14.9	1.2	15.1	17.4	31.3	31.3
Korea, Rep. of	727	449	53.3	46.7	5.9	15.8	34.8	34.8	38.6	33.0
Kosovo	327	91	64.6	35.4	6.8	54.6	14.9	22.8	7.8	21.1
Montenegro	395	303	43.7	56.3	3.3	10.9	17.0	21.2	17.2	12.3
North Macedonia	341	185	52.3	47.7	9.9	21.8	10.2	9.6	4.9	12.1
Slovenia	368	237	35.8	64.2	6.0	16.5	39.6	36.3	43.5	37.4
Sweden	437	175	35.3	64.7	9.3	20.5	22.6	31.8	27.6	30.3
Table Average (9)	3556	2109	47.3	52.7	7.7	17.3	23.5	25.1	23.4	25.1

Question: In the past two years, have you participated in professional development in any of the following? Science pedagogy/instruction

Location: 2024 Context Data - TQS-12Ab (ATBLS12AB)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	195	58.8	41.2	4.4	11.5	19.4	21.7	32.0	19.2
Italy	319	257	17.9	82.1	1.5	2.8	31.1	32.7	29.3	29.3
Jordan	285	256	50.9	49.1	7.9	1.2	19.3	17.3	20.9	31.3
Korea, Rep. of	727	454	41.4	58.6	5.1	15.8	34.4	35.2	38.4	33.0
Kosovo	327	96	8.9	91.1	4.7	54.6	21.3	18.0	-2.1	21.1
Montenegro	395	304	14.4	85.6	3.1	10.9	26.1	18.1	20.8	12.3
North Macedonia	341	193	39.2	60.8	7.2	21.8	9.7	10.0	3.7	12.1
Slovenia	368	239	14.8	85.2	5.1	16.5	35.8	38.0	41.9	37.4
Sweden	437	180	11.5	88.5	7.4	20.5	24.4	28.9	28.5	30.3
Table Average (9)	3556	2174	28.6	71.4	5.1	17.3	24.6	24.4	23.7	25.1

Question: Do you need future professional development in any of the following? Science pedagogy/instruction
Location: 2024 Context Data - TQS-12Bb (ATBLS12BB)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	182	46.1	53.9	9.8	11.5	25.7	19.0	11.3	19.2
Italy	319	252	61.1	38.9	3.1	2.8	31.6	34.0	28.7	29.3
Jordan	285	237	47.9	52.1	15.6	1.2	17.9	17.0	24.3	31.3
Korea, Rep. of	727	449	59.8	40.2	5.9	15.8	34.9	34.6	38.6	33.0
Kosovo	327	91	71.2	28.8	6.8	54.6	14.3	26.2	7.8	21.1
Montenegro	395	302	44.1	55.9	3.3	10.9	17.8	20.5	17.8	12.3
North Macedonia	341	183	52.0	48.0	10.4	21.8	13.5	5.6	6.9	12.1
Slovenia	368	236	40.8	59.2	6.3	16.5	37.8	37.3	43.2	37.4
Sweden	437	175	50.6	49.4	9.3	20.5	27.4	29.7	27.6	30.3
Table Average (9)	3556	2107	52.6	47.4	7.8	17.3	24.5	24.9	22.9	25.1

Question: In the past two years, have you participated in professional development in any of the following? Science curriculum
Location: 2024 Context Data - TQS-12Ac (ATBLS12AC)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	195	68.5	31.5	4.3	11.5	20.2	21.1	29.3	19.2
Italy	319	258	10.4	89.6	1.1	2.8	27.3	33.0	27.0	29.3
Jordan	285	254	42.5	57.5	8.2	1.2	16.9	19.5	19.6	31.3
Korea, Rep. of	727	452	39.8	60.2	5.4	15.8	35.0	34.8	37.6	33.0
Kosovo	327	96	16.7	83.3	4.7	54.6	14.1	19.2	-2.1	21.1
Montenegro	395	303	15.3	84.7	3.3	10.9	15.9	20.0	17.4	12.3
North Macedonia	341	192	52.0	48.0	7.6	21.8	9.3	11.0	1.7	12.1
Slovenia	368	239	11.1	88.9	5.1	16.5	36.0	37.8	41.9	37.4
Sweden	437	180	38.9	61.1	7.4	20.5	29.1	28.0	28.5	30.3
Table Average (9)	3556	2169	32.8	67.2	5.2	17.3	22.7	24.9	22.3	25.1

Question: Do you need future professional development in any of the following? Science curriculum
Location: 2024 Context Data - TQS-12Bc (ATBLS12BC)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	179	41.0	59.0	11.4	11.5	24.7	20.5	12.3	19.2
Italy	319	250	37.3	62.7	3.6	2.8	32.3	32.8	27.6	29.3
Jordan	285	237	42.3	57.7	14.8	1.2	16.7	17.3	26.8	31.3
Korea, Rep. of	727	450	51.3	48.7	5.9	15.8	34.2	35.4	38.6	33.0
Kosovo	327	89	71.6	28.4	7.6	54.6	15.3	22.7	10.4	21.1
Montenegro	395	299	42.6	57.4	3.8	10.9	17.7	20.9	13.9	12.3
North Macedonia	341	184	44.1	55.9	10.3	21.8	14.2	6.6	5.1	12.1
Slovenia	368	237	26.3	73.7	6.0	16.5	40.4	36.4	43.5	37.4
Sweden	437	175	33.3	66.7	9.3	20.5	25.3	30.2	27.6	30.3
Table Average (9)	3556	2100	43.3	56.7	8.1	17.3	24.5	24.7	22.9	25.1

Question: In the past two years, have you participated in professional development in any of the following? Integrating technology into science instruction

Location: 2024 Context Data - TQS-12Ad (ATBLS12AD)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	192	62.6	37.4	6.4	11.5	20.1	20.2	30.8	19.2
Italy	319	259	23.1	76.9	0.5	2.8	28.6	33.4	48.0	29.3
Jordan	285	255	59.3	40.7	8.3	1.2	19.8	16.1	20.8	31.3
Korea, Rep. of	727	453	47.2	52.8	5.6	15.8	34.4	35.1	38.8	33.0
Kosovo	327	94	10.0	90.0	5.2	54.6	23.4	17.6	1.0	21.1
Montenegro	395	303	24.1	75.9	3.4	10.9	19.7	18.9	25.0	12.3
North Macedonia	341	191	30.5	69.5	8.3	21.8	9.9	11.3	-4.1	12.1
Slovenia	368	239	25.0	75.0	5.1	16.5	36.5	38.0	41.9	37.4
Sweden	437	179	14.6	85.4	8.1	20.5	26.0	29.2	25.5	30.3
Table Average (9)	3556	2165	32.9	67.1	5.7	17.3	24.2	24.4	25.3	25.1

Question: Do you need future professional development in any of the following? Integrating technology into science instruction
Location: 2024 Context Data - TQS-12Bd (ATBLS12BD)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	182	66.0	34.0	9.8	11.5	25.0	16.5	11.3	19.2
Italy	319	250	70.9	29.1	3.5	2.8	31.4	35.2	28.4	29.3
Jordan	285	237	51.9	48.1	15.2	1.2	17.5	15.1	30.5	31.3
Korea, Rep. of	727	449	68.4	31.6	5.9	15.8	35.5	33.3	38.6	33.0
Kosovo	327	91	81.0	19.0	6.8	54.6	14.1	33.1	7.8	21.1
Montenegro	395	298	53.1	46.9	4.1	10.9	18.5	20.4	16.8	12.3
North Macedonia	341	184	63.2	36.8	10.1	21.8	12.4	5.7	5.0	12.1
Slovenia	368	235	57.3	42.7	6.7	16.5	39.3	35.2	42.2	37.4
Sweden	437	175	46.8	53.2	9.3	20.5	30.2	27.1	27.6	30.3
Table Average (9)	3556	2101	62.1	37.9	7.9	17.3	24.9	24.6	23.1	25.1

Question: In the past two years, have you participated in professional development in any of the following? Improving students' critical thinking or inquiry skills

Location: 2024 Context Data - TQS-12Ae (ATBLS12AE)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	193	51.5	48.5	6.1	11.5	15.7	25.1	29.3	19.2
Italy	319	259	20.8	79.2	0.5	2.8	26.7	33.8	48.0	29.3
Jordan	285	256	51.4	48.6	7.8	1.2	21.6	14.9	20.7	31.3
Korea, Rep. of	727	453	40.1	59.9	5.4	15.8	33.8	35.4	39.3	33.0
Kosovo	327	95	14.3	85.7	5.0	54.6	18.8	18.2	-0.1	21.1
Montenegro	395	304	52.3	47.7	3.1	10.9	18.7	19.6	23.3	12.3
North Macedonia	341	194	44.7	55.3	6.8	21.8	9.4	10.7	0.8	12.1
Slovenia	368	238	20.5	79.5	5.1	16.5	35.7	38.1	41.7	37.4
Sweden	437	180	9.1	90.9	7.4	20.5	26.1	28.7	28.5	30.3
Table Average (9)	3556	2172	33.9	66.1	5.3	17.3	22.9	24.9	25.7	25.1

Question: Do you need future professional development in any of the following? Improving students' critical thinking or inquiry skills
Location: 2024 Context Data - TQS-12Be (ATBLS12BE)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	182	60.3	39.7	9.7	11.5	27.5	13.4	12.7	19.2
Italy	319	248	60.3	39.7	4.3	2.8	30.5	35.7	29.2	29.3
Jordan	285	234	48.4	51.6	16.2	1.2	13.6	19.1	29.3	31.3
Korea, Rep. of	727	449	61.6	38.4	5.9	15.8	34.3	35.5	38.6	33.0
Kosovo	327	91	76.1	23.9	6.8	54.6	13.2	32.0	7.8	21.1
Montenegro	395	298	44.4	55.6	4.2	10.9	16.8	21.6	15.2	12.3
North Macedonia	341	184	55.1	44.9	10.1	21.8	11.8	7.6	5.0	12.1
Slovenia	368	237	61.3	38.7	6.0	16.5	37.8	36.9	43.5	37.4
Sweden	437	174	54.8	45.2	9.7	20.5	29.5	27.9	25.9	30.3
Table Average (9)	3556	2097	58.0	42.0	8.1	17.3	23.9	25.5	23.0	25.1

Question: In the past two years, have you participated in professional development in any of the following? Science assessment

Location: 2024 Context Data - TQS-12Af (ATBLS12AF)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	194	55.6	44.4	5.4	11.5	19.7	21.1	29.9	19.2
Italy	319	259	13.4	86.6	0.5	2.8	21.5	34.0	48.0	29.3
Jordan	285	254	43.0	57.0	8.7	1.2	20.3	17.9	14.3	31.3
Korea, Rep. of	727	453	39.1	60.9	5.1	15.8	34.7	34.9	38.3	33.0
Kosovo	327	96	16.4	83.6	4.7	54.6	15.3	18.9	-2.1	21.1
Montenegro	395	305	27.4	72.6	3.5	10.9	18.6	19.0	29.0	12.3
North Macedonia	341	192	36.7	63.3	7.4	21.8	8.4	11.0	2.5	12.1
Slovenia	368	239	12.5	87.5	5.1	16.5	30.5	38.7	41.9	37.4
Sweden	437	180	19.8	80.2	7.4	20.5	29.0	28.3	28.5	30.3
Table Average (9)	3556	2172	29.3	70.7	5.3	17.3	22.0	24.9	25.6	25.1

Question: Do you need future professional development in any of the following? Science assessment
Location: 2024 Context Data - TQS-12Bf (ATBLS12BF)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	179	49.8	50.2	11.2	11.5	28.1	16.5	11.6	19.2
Italy	319	249	46.1	53.9	3.9	2.8	31.7	33.1	30.9	29.3
Jordan	285	237	45.6	54.4	15.3	1.2	11.7	20.8	28.6	31.3
Korea, Rep. of	727	448	50.6	49.4	6.0	15.8	35.2	34.3	38.5	33.0
Kosovo	327	90	73.7	26.3	7.2	54.6	15.3	24.5	8.6	21.1
Montenegro	395	303	44.3	55.7	3.3	10.9	15.7	22.3	17.2	12.3
North Macedonia	341	183	52.8	47.2	10.7	21.8	12.3	6.4	8.0	12.1
Slovenia	368	237	49.8	50.2	6.0	16.5	36.3	38.6	43.5	37.4
Sweden	437	174	50.1	49.9	9.7	20.5	26.9	30.7	25.9	30.3
Table Average (9)	3556	2100	51.4	48.6	8.1	17.3	23.7	25.2	23.6	25.1

Question: In the past two years, have you participated in professional development in any of the following? Addressing individual students' needs

Location: 2024 Context Data - TQS-12Ag (ATBLS12AG)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	193	54.1	45.9	5.2	11.5	15.7	26.2	27.0	19.2
Italy	319	258	22.6	77.4	0.9	2.8	27.9	33.7	29.8	29.3
Jordan	285	254	48.6	51.4	9.1	1.2	19.9	16.4	22.9	31.3
Korea, Rep. of	727	452	32.7	67.3	5.5	15.8	32.9	35.7	39.3	33.0
Kosovo	327	96	14.1	85.9	4.7	54.6	18.2	18.4	-2.1	21.1
Montenegro	395	304	23.7	76.3	3.0	10.9	18.4	19.3	24.2	12.3
North Macedonia	341	189	37.8	62.2	8.6	21.8	8.1	11.6	1.6	12.1
Slovenia	368	239	22.5	77.5	5.1	16.5	35.5	38.3	41.9	37.4
Sweden	437	180	19.4	80.6	7.4	20.5	25.9	29.0	28.5	30.3
Table Average (9)	3556	2165	30.6	69.4	5.5	17.3	22.5	25.4	23.7	25.1

Question: Do you need future professional development in any of the following? Addressing individual students' needs
 Location: 2024 Context Data - TQS-12Bg (ATBLS12BG)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	179	60.4	39.6	10.7	11.5	24.5	18.5	12.1	19.2
Italy	319	252	57.9	42.1	3.0	2.8	30.8	34.9	28.3	29.3
Jordan	285	234	50.1	49.9	15.6	1.2	12.5	21.1	27.6	31.3
Korea, Rep. of	727	449	49.4	50.6	5.9	15.8	34.5	35.1	38.6	33.0
Kosovo	327	91	69.7	30.3	6.8	54.6	13.6	27.1	7.8	21.1
Montenegro	395	301	43.1	56.9	3.3	10.9	19.1	19.5	17.3	12.3
North Macedonia	341	181	53.1	46.9	12.0	21.8	15.5	3.1	7.2	12.1
Slovenia	368	236	33.2	66.8	6.2	16.5	39.6	36.3	44.0	37.4
Sweden	437	174	49.4	50.6	9.7	20.5	28.1	29.4	25.9	30.3
Table Average (9)	3556	2097	51.8	48.2	8.1	17.3	24.3	25.0	23.2	25.1

Question: In the past two years, have you participated in professional development in any of the following? Integrating science with other subjects (e.g., mathematics, technology)

Location: 2024 Context Data - TQS-12Ah (ATBLS12AH)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	193	48.5	51.5	6.1	11.5	16.2	24.2	29.3	19.2
Italy	319	258	24.8	75.2	0.9	2.8	27.3	34.2	22.0	29.3
Jordan	285	257	52.3	47.7	7.8	1.2	23.5	12.6	20.8	31.3
Korea, Rep. of	727	454	33.8	66.2	5.1	15.8	33.5	35.5	38.4	33.0
Kosovo	327	95	16.6	83.4	5.1	54.6	16.2	18.5	1.1	21.1
Montenegro	395	302	16.7	83.3	3.9	10.9	14.5	19.7	28.7	12.3
North Macedonia	341	193	27.8	72.2	6.8	21.8	5.1	11.9	1.8	12.1
Slovenia	368	239	14.9	85.1	5.1	16.5	33.1	38.4	41.9	37.4
Sweden	437	180	7.5	92.5	7.4	20.5	25.0	28.7	28.5	30.3
Table Average (9)	3556	2171	27.0	73.0	5.4	17.3	21.6	24.9	23.6	25.1

Question: Do you need future professional development in any of the following? Integrating science with other subjects (e.g., mathematics, technology)

Location: 2024 Context Data - TQS-12Bh (ATBLS12BH)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	181	65.0	35.0	9.9	11.5	26.6	13.1	13.5	19.2
Italy	319	252	63.2	36.8	3.0	2.8	32.1	33.3	28.3	29.3
Jordan	285	236	48.6	51.4	15.4	1.2	16.9	16.5	28.6	31.3
Korea, Rep. of	727	450	59.0	41.0	5.9	15.8	34.9	34.6	38.6	33.0
Kosovo	327	91	75.4	24.6	6.8	54.6	14.5	27.6	7.8	21.1
Montenegro	395	303	52.8	47.2	3.3	10.9	18.6	20.2	17.2	12.3
North Macedonia	341	184	60.1	39.9	10.1	21.8	10.7	8.7	5.0	12.1
Slovenia	368	237	45.1	54.9	6.0	16.5	38.9	36.3	43.5	37.4
Sweden	437	175	47.3	52.7	9.3	20.5	28.0	29.0	27.6	30.3
Table Average (9)	3556	2109	57.4	42.6	7.7	17.3	24.6	24.4	23.3	25.1

Question: In the past two years, have you participated in professional development in any of the following? Integrating environmentalism and sustainability into science instruction

Location: 2024 Context Data - TQS-12Ai (ATBLS12AI)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	193	68.5	31.5	6.1	11.5	20.6	19.3	30.3	19.2
Italy	319	258	19.1	80.9	0.7	2.8	28.1	33.3	43.8	29.3
Jordan	285	256	52.1	47.9	8.7	1.2	19.8	17.8	15.5	31.3
Korea, Rep. of	727	451	39.9	60.1	5.3	15.8	34.9	34.9	37.8	33.0
Kosovo	327	95	14.0	86.0	4.9	54.6	24.0	17.6	-2.2	21.1
Montenegro	395	303	19.9	80.1	4.1	10.9	13.4	20.2	27.7	12.3
North Macedonia	341	191	40.4	59.6	8.0	21.8	6.1	12.4	4.5	12.1
Slovenia	368	237	27.6	72.4	5.7	16.5	37.2	38.0	39.6	37.4
Sweden	437	180	9.0	91.0	7.4	20.5	27.3	28.5	28.5	30.3
Table Average (9)	3556	2164	32.3	67.7	5.6	17.3	23.5	24.7	25.1	25.1

Question: Do you need future professional development in any of the following? Integrating environmentalism and sustainability into science instruction

Location: 2024 Context Data - TQS-12Bi (ATBLS12BI)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Georgia	357	180	61.4	38.6	11.0	11.5	25.3	16.9	12.9	19.2
Italy	319	252	60.6	39.4	3.2	2.8	32.1	33.0	31.0	29.3
Jordan	285	238	49.1	50.9	15.3	1.2	15.1	18.2	28.6	31.3
Korea, Rep. of	727	450	61.2	38.8	5.9	15.8	34.8	34.8	38.6	33.0
Kosovo	327	91	69.2	30.8	6.8	54.6	14.8	24.2	7.8	21.1
Montenegro	395	300	50.9	49.1	5.2	10.9	17.4	20.6	24.4	12.3
North Macedonia	341	182	61.7	38.3	10.3	21.8	12.6	6.2	3.7	12.1
Slovenia	368	237	45.2	54.8	6.0	16.5	40.4	35.1	43.5	37.4
Sweden	437	175	40.3	59.7	9.3	20.5	26.2	30.1	27.6	30.3
Table Average (9)	3556	2105	55.5	44.5	8.1	17.3	24.3	24.3	24.2	25.1

Question: Teachers Majored in Primary Education and Science
 Location: 2024 Context Data - Derived (ATDLSMES)

Country	Sample	Valid N	1.Prim ary edu and sci %	2.Prim ary edu but no sci %	3.Sci but no primar y edu %	4.All other majors %	5.No formal edu beyond upper sec %	Not admini stered %	Omitte d %	1.Prim ary edu and sci Mean	2.Prim ary edu but no sci Mean	3.Sci but no primar y edu Mean	4.All other majors Mean	5.No formal edu beyond upper sec Mean	Not admini stered Mean	Omitte d Mean
Georgia	357	201	18.3	0.0	79.5	1.2	1.0	0.0	12.6	19.3	.	21.5	12.1	69.8	.	15.7
Italy	319	248	5.5	14.6	6.3	19.7	53.9	0.0	7.7	35.6	32.2	21.7	36.7	32.5	.	27.1
Jordan	285	270	22.3	0.0	65.7	7.4	4.6	0.0	2.3	5.3	.	19.3	33.6	28.2	.	61.4
Korea, Rep. of	727	465	15.0	77.3	2.3	5.4	0.0	0.0	20.4	35.3	35.2	44.6	32.3	.	.	32.5
Kosovo	327	93	39.5	44.3	3.8	8.0	4.4	0.0	61.8	9.9	15.5	9.0	34.3	17.8	.	21.5
Montenegro	395	287	44.7	30.7	9.7	14.6	0.4	0.0	18.1	24.5	15.8	17.9	12.2	-6.6	.	15.1
North Macedonia	341	204	26.0	5.0	59.6	8.3	1.1	0.0	24.6	21.1	6.5	6.3	5.0	6.8	.	9.4
Slovenia	368	251	6.3	91.7	0.4	1.6	0.0	0.0	17.4	39.1	38.1	22.6	28.0	.	.	37.5
Sweden	437	196	75.1	11.2	7.9	4.9	1.0	0.0	23.3	28.3	24.3	39.3	27.0	30.3	.	29.3
Table Average (9)	3556	2215	28.1	30.5	26.1	7.9	7.4	0.0	20.9	24.2	23.9	22.5	24.6	25.5	.	27.7

Question: Science Instruction Hours per Week
Location: 2024 Context Data - Derived (ATDLSHW)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	200	1.8	11.5	2.0	0.0	0.5	1.5	2.0	2.0	2.3	2.5	3.3	4.2
Italy	319	257	1.6	2.8	1.9	0.0	1.0	1.0	2.0	2.0	2.0	2.5	3.0	13.3
Jordan	285	258	5.4	1.2	2.3	0.3	0.8	1.5	2.0	2.3	2.7	3.0	3.8	10.0
Korea, Rep. of	727	443	5.1	15.8	2.1	0.0	0.7	0.7	1.3	2.0	2.0	2.0	4.0	14.0
Kosovo	327	97	3.9	54.6	1.6	0.8	0.8	1.3	1.5	1.5	1.5	1.7	3.0	5.3
Montenegro	395	305	2.1	10.9	1.8	0.5	1.5	1.5	1.5	1.5	1.7	2.3	3.0	6.0
North Macedonia	341	199	5.8	21.8	1.5	0.0	0.7	1.2	1.3	1.3	1.5	2.0	2.3	8.3
Slovenia	368	234	5.9	16.5	2.3	0.1	2.3	2.3	2.3	2.3	2.3	3.0	3.0	4.5
Sweden	437	184	5.9	20.5	2.2	1.0	1.7	1.7	1.8	2.0	2.5	3.0	3.0	4.0
Table Average (9)	3556	2177	4.2	17.3	2.0	0.3	1.1	1.4	1.7	1.9	2.0	2.4	3.2	7.7

Question: School Emphasis on Academic Success - Teachers' Reports
Location: 2024 Context Data - Scale (ATBLGEAS)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	204	0.0	11.5	10.3	6.1	7.6	7.9	9.0	10.4	11.1	12.5	13.4	17.0
Italy	319	260	0.3	2.8	9.1	5.7	6.8	7.2	7.9	9.0	10.1	11.1	11.8	17.0
Jordan	285	273	0.9	1.2	10.0	0.9	6.5	7.2	7.9	9.4	11.5	13.2	17.0	17.0
Korea, Rep. of	727	478	0.6	15.8	11.1	4.8	6.5	7.2	9.0	11.1	12.9	15.5	17.0	17.0
Kosovo	327	104	1.0	54.6	10.6	4.8	7.6	8.6	9.0	10.4	11.8	12.9	13.7	17.0
Montenegro	395	312	0.1	10.9	10.9	0.7	7.9	8.6	9.4	10.4	11.6	13.2	15.5	17.0
North Macedonia	341	212	0.2	21.8	10.5	5.3	7.2	7.6	8.9	10.4	11.5	13.7	15.5	17.0
Slovenia	368	253	0.5	16.5	9.3	6.1	7.2	7.6	8.6	9.4	10.1	10.8	11.5	17.0
Sweden	437	195	2.6	20.5	9.7	0.7	6.5	6.8	7.9	9.4	11.1	12.5	13.7	17.0
Table Average (9)	3556	2291	0.7	17.3	10.1	3.9	7.1	7.6	8.6	10.0	11.3	12.8	14.3	17.0

Question: School Emphasis on Academic Success - Teachers' Reports
 Location: 2024 Context Data - Index (ATDLGEAS)

Country	Sample	Valid N	1.Very high emphas is %	2.High emphas is %	3.Medi um emphas is %	Not admini stered %	Omitte d %	1.Very high emphas is Mean	2.High emphas is Mean	3.Medi um emphas is Mean	Not admini stered Mean	Omitte d Mean
Georgia	357	204	7.8	65.6	26.7	11.5	0.0	20.3	20.4	22.4	19.2	.
Italy	319	260	1.3	42.1	56.6	2.8	0.3	-8.8	31.3	34.2	29.3	22.7
Jordan	285	273	10.2	46.7	43.1	1.2	0.9	10.7	26.3	9.8	31.3	115.3
Korea, Rep. of	727	478	24.1	48.6	27.3	15.8	0.6	29.6	34.9	40.0	33.0	36.1
Kosovo	327	104	9.7	64.6	25.7	54.6	1.0	4.2	16.9	20.3	21.1	2.9
Montenegro	395	312	15.4	66.5	18.1	10.9	0.1	22.8	18.8	18.1	12.3	19.2
North Macedonia	341	212	13.5	54.5	32.0	21.8	0.2	5.9	11.3	7.5	12.1	-6.8
Slovenia	368	253	1.2	50.5	48.4	16.5	0.5	31.6	37.4	38.5	37.4	48.4
Sweden	437	195	6.4	52.6	41.0	20.5	2.6	28.0	28.0	29.2	30.3	26.6
Table Average (9)	3556	2291	9.9	54.6	35.4	17.3	0.7	16.0	25.0	24.4	25.1	33.0

Question: Teachers' Job Satisfaction
Location: 2024 Context Data - Scale (ATBLGTJS)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	203	0.7	11.5	10.0	6.5	7.3	7.8	8.4	10.1	11.2	12.3	12.3	12.3
Italy	319	261	0.0	2.8	10.0	4.6	7.3	7.8	8.4	10.1	11.2	12.3	12.3	12.3
Jordan	285	272	0.9	1.2	10.3	4.6	7.3	7.8	8.4	10.6	12.3	12.3	12.3	12.3
Korea, Rep. of	727	478	0.5	15.8	8.8	4.6	4.6	4.6	6.8	8.4	11.2	12.3	12.3	12.3
Kosovo	327	103	1.8	54.6	11.1	5.7	8.4	8.4	10.6	11.2	12.3	12.3	12.3	12.3
Montenegro	395	307	2.2	10.9	10.5	5.7	7.8	8.4	9.1	10.6	12.3	12.3	12.3	12.3
North Macedonia	341	207	2.5	21.8	10.4	4.6	5.7	7.3	9.1	11.2	12.3	12.3	12.3	12.3
Slovenia	368	252	0.6	16.5	9.3	4.6	6.3	6.8	7.8	9.1	11.2	12.3	12.3	12.3
Sweden	437	193	3.6	20.5	9.4	4.6	6.3	6.8	7.8	9.1	11.2	12.3	12.3	12.3
Table Average (9)	3556	2276	1.4	17.3	10.0	5.0	6.8	7.3	8.5	10.0	11.7	12.3	12.3	12.3

Question: Teachers' Job Satisfaction
Location: 2024 Context Data - Index (ATDLGTJS)

Country	Sample	Valid N	1.Very satisf ied %	2.Some what satisf ied %	3.Less than satisf ied %	Not admini stered %	Omitte d %	1.Very satisf ied Mean	2.Some what satisf ied Mean	3.Less than satisf ied Mean	Not admini stered Mean	Omitte d Mean
Georgia	357	203	52.6	45.5	1.9	11.5	0.7	21.6	19.8	31.2	19.2	16.4
Italy	319	261	54.5	40.8	4.7	2.8	0.0	31.8	31.9	43.5	29.3	.
Jordan	285	272	61.7	34.3	4.1	1.2	0.9	18.8	16.2	30.4	31.3	33.5
Korea, Rep. of	727	478	35.6	36.9	27.5	15.8	0.5	32.0	35.9	37.8	33.0	35.5
Kosovo	327	103	79.5	19.6	0.9	54.6	1.8	14.0	26.3	37.5	21.1	6.2
Montenegro	395	307	65.6	30.5	3.9	10.9	2.2	19.6	18.2	25.3	12.3	16.2
North Macedonia	341	207	66.9	26.3	6.8	21.8	2.5	9.4	6.6	16.7	12.1	12.5
Slovenia	368	252	34.6	54.6	10.7	16.5	0.6	36.7	37.8	41.6	37.4	43.0
Sweden	437	193	43.6	42.8	13.5	20.5	3.6	28.1	27.8	33.1	30.3	23.5
Table Average (9)	3556	2276	55.0	36.8	8.2	17.3	1.4	23.6	24.5	33.0	25.1	23.4

Question: Classroom Teaching Limited by Students Not Ready for Instruction
Location: 2024 Context Data - Scale (ATBLGLSN)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	198	2.6	11.5	9.6	3.2	6.6	7.1	8.4	9.3	10.8	12.0	13.6	15.2
Italy	319	261	0.0	2.8	9.9	3.2	6.1	7.1	8.9	9.8	10.8	12.0	13.6	15.2
Jordan	285	272	1.5	1.2	9.1	3.2	5.6	6.1	8.0	8.9	10.3	11.4	12.7	15.2
Korea, Rep. of	727	469	1.5	15.8	9.8	3.2	6.1	6.6	8.0	9.8	11.4	12.7	13.6	15.2
Kosovo	327	101	2.5	54.6	10.8	7.1	8.0	8.4	9.8	10.8	12.0	13.6	15.2	15.2
Montenegro	395	304	1.8	10.9	10.4	3.2	7.5	8.2	8.9	10.3	11.4	12.7	15.2	15.2
North Macedonia	341	206	3.1	21.8	11.0	3.2	8.0	8.4	9.8	10.8	12.7	13.6	15.2	15.2
Slovenia	368	249	1.7	16.5	9.5	5.6	6.6	7.1	8.4	9.3	10.8	11.9	12.0	15.2
Sweden	437	194	2.7	20.5	9.8	5.6	7.1	8.0	8.9	9.8	10.8	11.4	12.0	15.2
Table Average (9)	3556	2254	1.9	17.3	10.0	4.2	6.9	7.4	8.8	9.9	11.2	12.3	13.6	15.2

Question: Classroom Teaching Limited by Students Not Ready for Instruction
Location: 2024 Context Data - Index (ATDLGLSN)

Country	Sample	Valid N	1.Very little %	2.Some %	3.A lot %	Not administered %	Omitted %	1.Very little Mean	2.Some Mean	3.A lot Mean	Not administered Mean	Omitted Mean
Georgia	357	198	20.2	71.6	8.2	11.5	2.6	23.4	21.4	14.5	19.2	10.2
Italy	319	261	23.4	69.9	6.7	2.8	0.0	31.8	32.7	31.7	29.3	.
Jordan	285	272	14.3	73.5	12.2	1.2	1.5	21.1	19.7	0.0	31.3	87.8
Korea, Rep. of	727	469	26.6	63.0	10.4	15.8	1.5	32.9	36.3	33.8	33.0	30.9
Kosovo	327	101	36.0	64.0	0.0	54.6	2.5	13.6	18.8	.	21.1	4.2
Montenegro	395	304	33.9	63.1	3.0	10.9	1.8	19.7	19.7	5.2	12.3	19.1
North Macedonia	341	206	42.5	55.6	1.9	21.8	3.1	9.8	8.6	33.7	12.1	2.7
Slovenia	368	249	19.3	72.8	7.9	16.5	1.7	39.9	37.6	38.6	37.4	27.1
Sweden	437	194	17.8	77.9	4.2	20.5	2.7	34.1	27.9	18.7	30.3	23.7
Table Average (9)	3556	2254	26.0	68.0	6.0	17.3	1.9	25.1	24.7	22.0	25.1	25.7

Question: Teachers Confident in Teaching Science
Location: 2024 Context Data - Scale (ATBLSTCS)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Georgia	357	202	1.0	11.5	10.2	5.1	7.1	7.8	9.1	10.2	12.5	12.5	12.5	12.5
Italy	319	259	0.5	2.8	9.1	4.7	6.2	7.1	7.1	9.1	10.7	12.5	12.5	12.5
Jordan	285	262	5.4	1.2	10.4	4.7	7.1	7.8	9.1	10.2	12.5	12.5	12.5	12.5
Korea, Rep. of	727	460	3.5	15.8	9.8	1.0	6.2	7.1	8.3	9.9	12.5	12.5	12.5	12.5
Kosovo	327	96	4.9	54.6	11.1	7.8	8.7	8.7	10.0	11.3	12.5	12.5	12.5	12.5
Montenegro	395	307	1.1	10.9	10.2	5.6	7.1	7.1	9.1	10.2	12.5	12.5	12.5	12.5
North Macedonia	341	199	5.3	21.8	11.1	3.8	7.1	9.1	9.9	11.3	12.5	12.5	12.5	12.5
Slovenia	368	238	5.3	16.5	9.6	1.0	5.6	7.1	8.3	9.9	11.3	12.5	12.5	12.5
Sweden	437	181	7.1	20.5	9.6	3.8	5.6	7.1	8.3	9.9	10.7	12.5	12.5	12.5
Table Average (9)	3556	2204	3.8	17.3	10.1	4.2	6.7	7.6	8.8	10.2	12.0	12.5	12.5	12.5

Question: Teachers Confident in Teaching Science
 Location: 2024 Context Data - Index (ATDLSTCS)

Country	Sample	Valid N	1.Very confid ent %	2.Some what confid ent %	3.Not confid ent %	Not admini stered %	Omitte d %	1.Very confid ent Mean	2.Some what confid ent Mean	3.Not confid ent Mean	Not admini stered Mean	Omitte d Mean
Georgia	357	202	36.5	39.9	23.6	11.5	1.0	18.4	23.4	21.7	19.2	-3.6
Italy	319	259	17.9	35.3	46.7	2.8	0.5	27.1	33.7	33.3	29.3	48.0
Jordan	285	262	37.8	40.4	21.8	1.2	5.4	17.8	21.7	15.5	31.3	12.2
Korea, Rep. of	727	460	32.3	36.6	31.1	15.8	3.5	34.5	35.5	35.4	33.0	32.1
Kosovo	327	96	56.5	28.6	14.9	54.6	4.9	19.2	18.4	15.9	21.1	-2.1
Montenegro	395	307	34.2	42.3	23.5	10.9	1.1	16.0	21.3	20.0	12.3	25.9
North Macedonia	341	199	57.9	32.3	9.8	21.8	5.3	9.5	7.5	19.9	12.1	2.1
Slovenia	368	238	26.4	39.7	33.9	16.5	5.3	37.1	38.0	37.6	37.4	42.2
Sweden	437	181	23.9	43.4	32.7	20.5	7.1	28.0	29.8	27.1	30.3	27.9
Table Average (9)	3556	2204	35.9	37.6	26.5	17.3	3.8	23.1	25.5	25.2	25.1	20.5