

The knowledge of the Internet is used in the TIMSS 2011 User Guide for the International Database.

qRvñ

qR,RW

qRKLW

- 1) 0-10
 2) 11-25
 3) 26-100
 4) 101-200
 5) More than 200

- 1) 0-10
 2) 11-25
 3) 26-50
 4) 51-100
 5) More than 100

- 1) None
 2) Internet connection or own room
 3) Both

- 1) Finished some primary or lower secondary or did not go to school
 2) Finished lower secondary
 3) Finished upper secondary
 4) Finished post-secondary education
 5) Finished university or higher

- 1) Has never worked outside home for pay, general laborer, or semi-professional (skilled agricultural or fishery worker, craft or trade worker, plant or machine operator)
 2) Clerical (clerk or service or sales worker)
 3) Small business owner
 4) Professional (corporate manager or senior official, professional, or technician or associate professional)

1 Derived variable, for more details see ... 3 of the TIMSS 2011 User Guide for the International Database.

2: 2011

Item	delta	tau_1	tau_2	tau_3	tau_4
ASBG04	0.15913	-1.32362	-0.57201	0.99439	0.90124
ASDG05S ¹	-1.06090	-0.66319	0.66319		
ASBH15A	0.20308	-0.82069	-0.52303	0.40176	0.94196
ASDHEDUP ¹	-0.60425	-0.84118	-0.78305	0.99919	0.62504
ASDHOCCP ¹	-0.15991	-0.38414	0.90751	-0.52337	

1 Derived variable, for more details see Supplement 3 of the TIMSS 2011 User Guide for the International Database

3:

Scale Transformation Constants

A = 10.03092

Transformed Scale Score = 10.03092 + 1.82492 • Logit Scale Score

B = 1.82492

Raw Score	Cutpoint	Raw Score	Cutpoint
0	3.60566	9	9.94316
1	5.60409	10	10.29048
2	6.58747	11	10.64776
3	7.29889	12	11.03130
4	7.87839	13	11.46049
5	8.37640	14	11.95418
6	8.82040	15	12.56691
7	9.22128	16	13.42059
8	9.59128	17	15.14335

5:

2011

Country	Cronbach's Alpha Reliability Coefficient	Percent of Variance Explained	Factor Loadings for Each Item				
			ASBG04	ASDG05S	ASBH15A	ASDHEDUP	ASDHOCCP
Australia	0.62	41	0.68	0.19	0.69	0.73	0.72
Austria	0.71	47	0.73	0.34	0.79	0.74	0.73
Azerbaijan	0.57	37	0.56	0.41	0.54	0.73	0.73
Chinese Taipei	0.73	49	0.75	0.35	0.78	0.79	0.73
Croatia	0.69	46	0.69	0.27	0.73	0.78	0.77
Czech Republic	0.69	45	0.71	0.24	0.74	0.77	0.74

Country	Cronbach's Alpha Reliability Coefficient	Percent of Variance Explained	Factor Loadings for Each Item				
			ASBG04	ASDG05S	ASBH15A	ASDHEDUP	ASDHOCCP
Hong Kong SAR	0.72	48	0.70	0.30	0.76	0.80	0.77
Hungary	0.80	56	0.75	0.43	0.81	0.86	0.81
Iran, Islamic Rep. of	0.76	52	0.73	0.62	0.72	0.81	0.70
Ireland	0.69	46	0.72	0.29	0.74	0.78	0.72
Italy	0.66	43	0.66	0.20	0.73	0.75	0.76
Lithuania	0.74	50	0.68	0.43	0.76	0.81	0.78
Malta	0.61	40	0.55	0.08	0.59	0.84	0.80
Morocco	0.66	43	0.68	0.63	0.62	0.72	0.61
Northern Ireland	0.70	46	0.71	0.24	0.74	0.79	0.75
Norway	0.64	42	0.62	0.15	0.68	0.80	0.77
Oman	0.63	41	0.52	0.52	0.60	0.78	0.74
Poland	0.75	50	0.66	0.45	0.72	0.83	0.79
Portugal	0.77	52	0.71	0.37	0.78	0.83	0.81
Qatar	0.53	36	0.38	0.38	0.63	0.77	0.73
Romania	0.81	57	0.77	0.62	0.79	0.83	0.76
	0.00	40.01			0.2	0.3n 0.70	0.77

0.777

0.

0.7.

0

0.7

0.74




