

Annex **A3**



TRADITIONAL DOMAINS AND PISA ITEMS

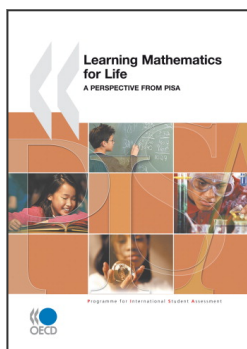


Table A3.1

Traditional domains; average item difficulties (logits) relative to other topics and their standard deviations¹

Country	Algebra (7 items)	Data (26 items)	Geometry (12 items)	Measurement (8 items)	Number (32 items)
	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)	Mean (SD)
Australia	0.94 (1.39)	-0.35 (1.24)	-0.15 (1.18)	0.95 (0.94)	-0.10 (1.06)
Austria	0.72 (1.43)	0.05 (1.33)	-0.20 (1.02)	0.70 (0.95)	-0.29 (1.20)
Belgium	0.75 (1.27)	-0.13 (1.24)	-0.19 (1.15)	0.97 (1.09)	-0.23 (1.01)
Brazil	0.86 (1.82)	-0.17 (1.28)	-0.29 (1.09)	1.50 (1.35)	-0.32 (1.13)
Canada	0.88 (1.43)	-0.37 (1.17)	-0.06 (1.09)	1.16 (0.94)	-0.16 (1.05)
Czech Republic	0.84 (1.36)	0.11 (1.31)	-0.30 (0.97)	0.76 (0.91)	-0.35 (1.21)
Denmark	1.08 (1.45)	-0.25 (1.38)	-0.23 (1.16)	0.92 (1.23)	-0.17 (1.21)
Finland	1.03 (1.31)	-0.28 (1.20)	-0.08 (1.13)	1.04 (0.89)	-0.23 (1.20)
France	0.87 (1.36)	-0.27 (1.28)	-0.10 (1.10)	1.01 (1.16)	-0.19 (1.12)
Germany	0.81 (1.56)	-0.11 (1.27)	-0.16 (1.05)	1.00 (1.15)	-0.28 (1.16)
Greece	0.75 (1.42)	-0.14 (1.11)	-0.29 (1.04)	1.33 (1.06)	-0.28 (1.09)
Hong Kong-China	0.51 (1.28)	-0.11 (0.99)	-0.26 (1.25)	0.82 (0.82)	-0.13 (1.20)
Hungary	0.79 (1.56)	-0.12 (1.27)	-0.26 (1.15)	1.18 (0.82)	-0.27 (1.14)
Iceland	1.13 (1.33)	-0.30 (1.13)	-0.11 (0.95)	1.13 (1.10)	-0.24 (1.08)
Indonesia	0.59 (1.82)	-0.03 (1.15)	-0.31 (1.12)	1.01 (0.99)	-0.24 (1.29)
Ireland	1.17 (1.61)	-0.49 (1.21)	0.13 (1.01)	1.31 (1.20)	-0.23 (1.15)
Italy	1.07 (1.57)	-0.10 (1.27)	-0.12 (1.07)	0.82 (1.05)	-0.31 (1.13)
Japan	0.69 (1.29)	-0.03 (1.24)	-0.40 (1.30)	0.82 (0.84)	-0.19 (1.42)
Korea	0.78 (1.37)	-0.13 (1.18)	-0.30 (1.03)	0.94 (0.85)	-0.18 (1.37)
Latvia	0.84 (1.36)	-0.08 (1.21)	-0.29 (1.03)	0.96 (1.01)	-0.25 (1.16)
Luxembourg	1.03 (1.62)	-0.17 (1.32)	-0.14 (1.04)	1.01 (1.10)	-0.29 (1.07)
Macao-China	0.67 (1.38)	-0.10 (1.14)	-0.18 (1.13)	1.02 (0.84)	-0.25 (1.24)
Mexico	1.08 (1.52)	-0.09 (1.24)	-0.30 (1.13)	1.29 (1.00)	-0.37 (1.11)
Netherlands	0.70 (1.29)	-0.31 (1.23)	-0.07 (1.22)	1.21 (1.01)	-0.18 (1.06)
New Zealand	0.91 (1.45)	-0.35 (1.23)	-0.19 (1.14)	0.96 (1.00)	-0.08 (1.07)
Norway	1.25 (1.28)	-0.36 (1.18)	-0.08 (1.03)	1.21 (1.11)	-0.25 (1.21)
Poland	0.94 (1.53)	-0.18 (1.33)	-0.18 (1.03)	0.97 (0.97)	-0.23 (1.19)
Portugal	0.80 (1.78)	-0.33 (1.44)	-0.10 (1.04)	1.35 (1.08)	-0.20 (1.15)
Russian Fed	0.71 (1.48)	0.14 (1.43)	-0.42 (1.03)	0.98 (1.02)	-0.35 (1.12)
Scotland	0.96 (1.54)	-0.44 (1.26)	0.11 (1.16)	1.08 (0.93)	-0.16 (1.16)
Slovak Republic	0.82 (1.44)	0.19 (1.31)	-0.34 (0.90)	0.84 (0.79)	-0.41 (1.16)
Spain	0.85 (1.47)	-0.20 (1.32)	-0.12 (1.12)	1.30 (1.00)	-0.30 (1.09)
Sweden	1.14 (1.41)	-0.27 (1.22)	-0.09 (1.00)	1.17 (1.21)	-0.29 (1.17)
Switzerland	0.91 (1.37)	-0.04 (1.24)	-0.24 (1.07)	0.73 (0.94)	-0.26 (1.07)
Thailand	1.04 (1.40)	-0.16 (1.26)	-0.36 (1.13)	1.08 (1.22)	-0.23 (1.24)
Tunisia	0.62 (1.59)	0.07 (1.20)	-0.25 (1.03)	0.96 (1.15)	-0.34 (1.16)
Turkey	0.49 (1.35)	-0.25 (1.16)	-0.16 (1.03)	1.34 (1.14)	-0.18 (1.09)
United Kingdom	0.96 (1.46)	-0.50 (1.31)	-0.06 (1.09)	1.20 (1.08)	-0.09 (1.07)
United States	0.89 (1.48)	-0.35 (1.17)	-0.14 (1.08)	1.29 (0.97)	-0.18 (0.98)
Uruguay	0.91 (1.57)	-0.16 (1.23)	-0.11 (1.11)	1.08 (1.06)	-0.29 (0.95)
Serbia	0.91 (1.52)	0.15 (1.27)	-0.15 (0.97)	1.00 (1.06)	-0.51 (1.17)

1. Please note that overall country means are set to 0, therefore, this table does not represent the difficulty of the topic between countries, but only within countries.



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