

Tab. 3.1

Variation in mathematics performance across students, schools and regions

Results based on students' self-reports

	Observed variance			
	As a % of total variance in OECD countries			
	Total variation in mathematics performance	Variation in mathematics performance within schools	Variation in mathematics performance between schools within regions	Variation in mathematics performance between regions
OECD				
Australia	96	67,7	27,1	1,3
Belgium	112,9	51,2	58,8	2,9
Canada	81,5	64,1	15,8	1,6
Italy	94,9	42,2	44,8	7,8
Mexico	56,5	36,1	18	2,5
Spain	78,5	63,5	12,9	2,1
United Kingdom	91,8	65,2	26,4	0,2
Partners				
Brazil	62,6	34,4	25,1	3
Colombia	57	36	19,8	1,1
United Arab Emirates	83,4	45,1	36,2	2,1
OECD countries	100	53,7	35,9	10,4
	Accounting for ESCS at the individual, school and regional level			
	% explained by ESCS at student, school and regional level			
	Total variation in mathematics performance	Variation in mathematics performance within schools	Variation in mathematics performance between schools within regions	Variation in mathematics performance between regions
OECD				
Australia	18,7	4,4	55,3	25,5
Belgium	41,2	3,8	72,5	70
Canada	13,2	5,1	46,2	15,5
Italy	30,3	0,7	54,9	47
Mexico	16,7	0,5	43,2	57,9
Spain	18,2	9	52,9	85,3
United Kingdom	20,3	4,4	61,7	0
Partners				
Brazil	26,2	1,2	58	46,4
Colombia	23	2,6	57,3	70,3
United Arab Emirates	19,1	1,7	36,9	85,3
OECD countries	23	3,4	47,8	47,6

Fonte: PISA 2012

ESCS refers to the *PISA index of economic social and cultural status*.