Exhibit P6.5: Students' Sense of School Belonging

Reported by Physics Students

Students were scored according to their agreement to nine statements about their *Sense of School Belonging*. Students with a **High Sense of School Belonging** had a score on the scale of at least 10.5, which corresponds to their "agreeing a lot" to five of the nine statements and "agreeing a little" to each of the other four statements, on average. Students with **Little Sense of School Belonging** had a score no higher than 7.6, which corresponds to their "disagreeing a little" to five of the nine statements and "agreeing a little" to each of the other four statements, on average. All other students had a **Sense of School Belonging**.

Country	High Sense of School Belonging		Sense of School Belonging		Little Sense of School Belonging		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Norway	63 (1.4)	519 (4.4)	34 (1.2)	491 (6.0)	3 (0.4)	444 (13.8)	11.0 (0.06)
Sweden	55 (1.6)	474 (6.3)	41 (1.5)	440 (7.4)	5 (0.4)	364 (13.4)	10.7 (0.07)
Russian Federation	52 (1.3)	513 (8.1)	41 (1.2)	503 (7.5)	6 (0.5)	491 (9.8)	10.7 (0.06)
United States	45 (2.1)	448 (10.3)	48 (1.9)	433 (11.1)	7 (0.9)	401 (18.9)	10.2 (0.10)
Lebanon	44 (1.9)	412 (6.5)	46 (2.0)	413 (5.5)	10 (1.5)	409 (10.5)	10.2 (0.10)
Portugal	43 (1.7)	475 (5.6)	51 (1.5)	465 (5.1)	5 (0.8)	421 (12.3)	10.2 (0.07)
France	22 (1.2)	402 (5.2)	71 (1.0)	370 (4.1)	7 (0.6)	321 (7.4)	9.4 (0.05)
Italy	16 (1.0)	379 (13.0)	63 (1.0)	381 (7.4)	21 (1.1)	354 (8.6)	8.8 (0.05)
Slovenia	14 (0.9)	569 (7.3)	70 (1.4)	533 (3.5)	17 (1.1)	493 (9.4)	8.8 (0.04)
International Avg.	39 (0.5)	466 (2.6)	52 (0.5)	448 (2.3)	9 (0.3)	411 (4.0)	

This TIMSS Advanced questionnaire scale was established in 2015 based on the combined response distribution of all countries that participated in TIMSS Advanced 2015. To provide a point of reference for country comparisons, the scale centerpoint of 10 was located at the mean of the combined distribution. The units of the scale were chosen so that 2 scale score points corresponded to the standard deviation of the distribution.

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS Advanced 2015

What do you think about your school? Tell how much you agree with these statements.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
1) I enjoy school	○	○	○	○
2) I feel safe when I am at school	○	○	○	○
3) I feel like I belong at this school	○	○	○	○
4) I like to see my classmates at school	○	○	○	○
5) Teachers at my school are fair to me	○	○	○	○
6) I am proud to go to this school	○	○	○	○
7) I learn a lot in school	○	○	○	○
8) My classmates respect students who excel in school subjects	○	○	○	○
9) My classmates respect students who struggle learning school subjects	○	○	○	○

High Sense of School Belonging ← 10.5 → Sense of School Belonging ← 7.6 → Little Sense of School Belonging