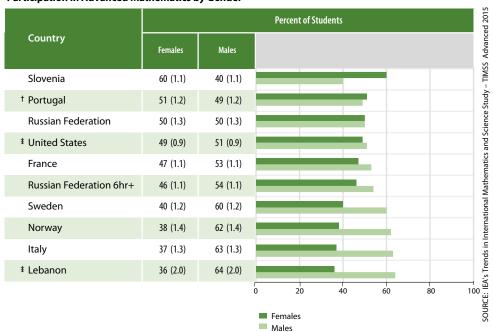


## **Exhibit M1.6: Advanced Mathematics Participation and Average Achievement by Gender**

## Participation in Advanced Mathematics by Gender



## Average Advanced Mathematics Achievement by Gender

Country	Average Achievement											
	Females	Males	Absolute Difference			nales d Higher			Ma Scored		r	
Italy	427 (6.1)	419 (6.6)	8 (7.5)									
Lebanon	533 (4.8)	531 (3.9)	2 (6.1)									
Portugal	481 (3.0)	483 (3.1)	2 (3.6)									
Russian Federation	480 (6.0)	489 (6.2)	9 (4.3)									
Norway	453 (5.1)	463 (5.2)	10 (4.8)									
Sweden	424 (5.1)	436 (4.6)	13 (5.3)									
Russian Federation 6hr+	530 (9.0)	549 (7.5)	20 (5.2)									
France	449 (3.1)	475 (3.4)	26 (2.8)									
Slovenia	449 (3.5)	476 (4.9)	27 (4.7)									
United States	470 (5.3)	500 (6.4)	30 (5.8)									
				100 8	80 60	40	20 0	20	40	60	80	
			<ul><li>Difference statistically significant</li><li>Difference not statistically significant</li></ul>									

The Russian Federation 6hr+ results are for a subset of the Russian Federation students. This subset of students are in an Intensive stream that have at least 6 hours of mathematics lessons per week.

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

