

	Gender	Age	Highest round	
			1	0
1	Male	12	0	2
2	Male	13	0	4
3	Female	13	1	1
4	Male	14	1	1
5	Female	14	1	1
6	Male	15	10	28
7	Female	15	6	10
8	Male	16	18	40
9	Female	16	3	19
10	Male	17	24	50
11	Female	17	6	26
12	Male	18	4	6
13	Female	18	3	5
14	Male	19	0	4

## Backgroundvariables

Table 1: Overview of measures ...

Variable	Round 1			Round 2			Confidence intervals				Percentage			
	$M(SD)_{\mathcal{J}}$		$M(SD)_{\mathcal{F}}$	$M(SD)_{\mathcal{J}}$		$M(SD)_{\mathcal{F}}$	$\theta_G$	$\theta_R$	$\theta_G \times R$	$\theta_A$	$Pr_1^a$	$Pr_2$	$Pr_3$	$Pr_4$
	$M(SD)_{\mathcal{J}}$	$M(SD)_{\mathcal{F}}$	$M(SD)_{\mathcal{J}}$	$M(SD)_{\mathcal{J}}$	$M(SD)_{\mathcal{F}}$	$M(SD)_{\mathcal{J}}$	$\theta_G$	$\theta_R$	$\theta_G \times R$	$\theta_A$	$Pr_1^a$	$Pr_2$	$Pr_3$	$Pr_4$
Sense of belonging	3.36 (0.35)	3.3 (0.27)	3.16 (0.51)	3.33 (0.33)	3.16 (0.51)	3.16 (0.51)	[-0.25;0.15]	[-0.17;0.12]	[-0.32;0.2]	[-0.07;0.04]	0.3	0.36	0.32	0.35
Expectancy physics competition	2.56 (0.5)	2.24 (0.47)	2.53 (0.34)	2.83 (0.42)	2.53 (0.34)	2.53 (0.34)	[-0.57;-0.08]	[0.07;0.44]	[-0.3;0.36]	[-0.03;0.1]	0	1	0.6	0.84
Social support teacher	3.15 (0.69)	3 (0.75)	2.97 (0.81)	3.27 (0.58)	2.97 (0.81)	2.97 (0.81)	[-0.47;0.24]	[-0.12;0.44]	[-0.68;0.32]	[-0.17;0.03]	0.27	0.85	0.23	0.08
Social support parents	2.5 (0.69)	2.33 (0.74)	2.27 (0.76)	2.55 (0.66)	2.27 (0.76)	2.27 (0.76)	[-0.44;0.28]	[-0.17;0.4]	[-0.78;0.22]	[-0.3;-0.1]	0.33	0.79	0.13	0
Social support peers	2.11 (0.75)	2.16 (0.83)	2.13 (0.73)	2.2 (0.84)	2.13 (0.73)	2.13 (0.73)	[-0.43;0.42]	[-0.26;0.38]	[-0.64;0.52]	[-0.01;0.23]	0.5	0.65	0.4	0.96
Achievement round 1	17.95 (9.21)	21.36 (7.88)	32.93 (2.88)	34.35 (6.06)	32.93 (2.88)	32.93 (2.88)	[-0.38;7.3]	[13.44;19.36]	[-10.3;0.47]	[-0.96;1.18]	0.96	1	0.03	0.55

<sup>a</sup>  $Pr_j$  refers to the probability of certainty with which the respective parameter  $j \in 1:Ge, 2:Gr, 3:Ge \times Gr$  is greater than zero:  $Pr_j := Pr(\theta_j > 0)$ . For example, if the probability  $Pr(\theta_{Ge}) = a > 0$ , that means that the parameter is  $a \cdot 100$  % greater than zero, referring to the fact that males have a greater value for the respective variable.