Table 1. Overview of utilized variables.

Scale	N	#	α	$\bar{r}_{i(t-i)}$	Scale	M	SD
Cognitive variables:							
Phys. probl. sol. ability	144	16	0.87	0.51	0,1,2	7.46	6.78
General phys. prob. sol. ability	133	15	0.69	0.29	0.15	7.05	2.83
General cog. abilities	78	34	0.88	0.4	0,1	23.72	7.13
Affective/motivational variables:							
Self-efficacy physics	144	4	0.85	0.69	1,2,3,4	3.33	0.57
Expectancy physics competition	144	5	0.71	0.47	1,2,3,4	2.6	0.49
Value physics competition	144	4	0.75	0.55	1,2,3,4	2.85	0.64
Sense of belonging	144	15	0.81	0.42	1,2,3,4	3.32	0.35
Social support in physics	144	12	0.77	0.41	1,2,3,4	2.56	0.5
Success criterium:							
Highest round	144	1			1,2,3,4	1.66	0.71

[a] N ... Number of student responses with at least one valid value, α ... internal consistency and $\bar{r}_{i(t-i)}$ ... mean discriminatory power of items.