Table 8

Predicting Academic Goal Orientation from SAT Scores and Self-Perceived Ability

Step		SE(b)		R^2	adjR^2	R^2
Learning Goal						
1	SAT	.10	.19*	.04*	.03	
2	SAT	.11	.11			
	SPA	.42	.24**	.09***	.08	.05**
1	SPA	.10	.28**	.08***	.07	
2	SPA	.11	.24**			
	SAT	.10	.11	.09***	.08	.01
Prove Goal						
1	SAT	.11	.08	.01	.00	
2	SAT	.12	.03			
	SPA	.13	.14	.02	.01	.02
1	SPA	.12	.15*	.02*	.02	
2	SPA	.13	.14			
	SAT	.12	.03	.02	.01	.00
Avoid Goal						
1	SAT	.12	−.13	.02	.01	
2	SAT	.13	−.08			
	SPA	.14	−.13	.03	.02	.01
1	SPA	.13	−.16*	.02*	.02	
2	SPA	.14	−.13			
	SAT	.13	−.08	.03	.02	.01

Note. N = 171. SPA ßs on first steps are different from bivariate correlations because of sample size differences. SPA = self-perceived ability, SAT = self-reported SAT scores.

* p < .05. ** p < .01. *** p <.001.

Table 9
Predicting Athletic Goal Orientation from Team Membership, Intramural Participation, and Self-Perceived Ability

Step		SE(b)		R^2	adjR^2	R^2
Learning Goal						
1	Team	.20	.37***			
	Intmrls	.19	.16*	.16***	.15	
2	Team	.19	.18**			
	Intmrls	.18	.01			
	SPA	.10	.52***	.37***	.36	.22***
1	SPA	.09	.59***	.34***	.34	
2	SPA	.10	.52***			
	Team	.19	.18**			
	Intmrls	.18	.01	.37***	.36	.03*
Prove Goal						
1	Team	.21	.32***			
	Intmrls	.21	-.02	.10***	.09	
2	Team	.22	.19*			
	Intmrls	.21	-.11			
	SPA	.11	.35***	.20***	.18	.09***
1	SPA	.11	.38***	.14***	.14	
2	SPA	.11	.35***			
	TEAM	.11	.19*			
	INTMRLS	.21	-.11	.20***	.18	.05**
Avoid Goal						
1	Team	.22	-.09			
	Intmrls	.22	-.35***	.13***	.12	
2	Team	.24	.00			
	Intmrls	.22	-.27***			
	SPA	.12	-.25***	.18***	.16	.05**
1	SPA	.11	-.33***	.11***	.10	
2	SPA	.12	-.25**			
	Team	.24	.00			
	Intmrls	.22	-.27***	.18***	.16	.07***

Note. N = 177. SPA = self-perceived ability, Team = team membership, Intmrls = participation in intramurals.
* p < .05. ** p < .01. *** p < .001.

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Table 10

Predicting Academic Goal Orientation from SAT Scores, Self-Perceived Ability, and Implicit Theories

Step		SE(b)		R^2	adjR^2	R^2
Learning Goal						
1	SAT	.10	.11			
	SPA	.11	.24**	.09***	.08	
2	SAT	.10	.12			
	SPA	.11	.24**			
	IT	.06	-.11	.10***	.09	.01
1	IT	.06	-.11	.01	.01	
2	IT	.06	-.11			
	SAT	.10	.12			
	SPA	.11	.24**	.10***	.09	.09***
Prove Goal						
1	SAT	.12	.03			
	SPA	.13	.14	.02	.01	
2	SAT	.12	.03			
	SPA	.13	.14			
	IT	.07	-.05	.03	.01	.00
1	IT	.07	-.05	.00	.00	
2	IT	.07	-.05			
	SAT	.12	.03			
	SPA	.13	.14	.03	.01	.02
Avoid Goal						
1	SAT	.13	-.08			
	SPA	.14	-.13	.03	.02	
2	SAT	.13	-.09			
	SPA	.14	-.13			
	IT	.08	.04	.03	.01	.00
1	IT	.08	.03	.00	.00	
2	IT	.08	.04			
	SAT	.13	-.09			
	SPA	.14	-.13	.03	.01	.03

Note. $\underline{N}$ = 171. SPA ßs on first steps are different from bivariate correlations because of sample size differences. SPA = self-perceived ability, SAT = self-reported SAT scores, IT = implicit theory.
* $\underline{p}$ < .05. ** $\underline{p}$ < .01. *** $\underline{p}$ < .001.

Table 11

Predicting Athletic Goal Orientatin from Team Membership, Intramural Participation, Self-Perceived Ability, and Implicit Theories

Step		SE(b)		R^2	adjR^2	R^2
Learning Goal						
1	Team	.19	.18**			
	Intmrls	.18	.01			
	SPA	.10	.52***	.37***	.36	
2	Team	.18	.19**			
	Itmrls	.17	.01			
	SPA	.10	.50***			
	IT	.06	-.13*	.39***	.38	.02*
1	IT	.07	-.23**	.05**	.05	
2	IT	.06	-.13*			
	Team	.18	.19**			
	Intmrls	.17	.01			
	SPA	.10	.50***	.39***	.38	.34***
Prove Goal						
1	Team	.22	.19*			
	Intmrls	.21	-.11			
	SPA	.11	.35***	.20***	.18	
2	Team	.22	.19*			
	Intmrls	.21	-.11			
	SPA	.12	.35***			
	IT	.07	.03	.20***	.18	.00
1	IT	.07	-.04	.00	.00	
2	IT	.07	.03			
	Team	.22	.19*			
	Intmrls	.21	-.11			
	SPA	.12	.35**	.20***	.18	.20***

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Table 11 (continued)

Step		SE(b)		R^2	$adjR^2$	R^2
Avoid Goal						
1	Team	.24	.00			
	Intmrls	.22	-.27***			
	SPA	.12	-.25**	.18***	.16	
2	Team	.23	-.00			
	Intmrls	.22	-.27***			
	SPA	.12	-.22**			
	IT	.07	.15*	.20***	.18	.02*
1	IT	.08	.21**	.04**	.04	
2	IT	.07	.15*			
	Team	.23	-.00			
	Intmrls	.22	-.27***			
	SPA	.12	-.22**	.20***	.18	.16***

Note. N = 177. SPA = self-perceived ability, Team = team membership, Intmrls = participation in intramurals, IT = implicit theory.
* p < .05. ** p < .01. *** p < .001.

Table 12

Summary of Predictors of Goal Orientation

Independents	Learning Goal	R^2	Prove Goal	R^2	Avoid Goal	R^2
Self-Perceived Ability						
Predicted	0		+		−	
Academics	.24**	.05**	.14	.02	−.13	.01
Sports	.50***	.19***	.35***	.10***	−.22**	.04**
Ability						
Predicted	0		+		−	
Academics	.12	.01	.03	.00	−.09	.01
Sports	.19**	.03**	.19*	.03*	−.00	.00
Implicit Theory						
Predicted	−		+		+	
Academics	−.11	.01	−.05	.00	.04	.00
Sports	−.13*	.02*	.03	.00	.15*	.02*
Intramurals						
Sports	.01	.00	−.11	.01	−.27***	.07***
Total						
Academics		.10***		.03		.03
Sports		.39***		.20***		.20***

Note.   values are standardized regression coefficients controlling for the other dependent variables. R^2 values are the unique effects of each dependent variable above and beyond the effects of the other dependent variables.

* p < .05. ** p < .01. *** p < .001.

Table 13
Regression Results for the Cross-Structure Analysis

Dependen	SE(b)		R^2	adjR^2	R^2
Academic Intrinsic Motivation					
SD	.14	.05			
LG	.10	.58***			
PG	.09	-.02			
AG	.08	-.17*	.42***	.41	.41***
Athletic Intrinsic Motivation					
SD	.11	.05			
LG	.07	.54***			
PG	.07	.15			
AG	.06	-.15*	.46***	.45	.46***
Academic Internal Motivation					
SD	.13	-.11			
LG	.09	.40***			
PG	.08	-.05			
AG	.08	-.03	.16***	.14	.16***
Athletic Internal Motivation					
SD	.10	-.10			
LG	.06	.46***			
PG	.06	.12			
AG	.05	.29***	.36***	.34	.31***
Academic Self-Efficacy					
SD	.08	.12			
LG	.06	.35***			
PG	.05	.11			
AG	.04	-.08	.19***	.17	.17***
Athletic Self-Efficacy					
SD	.07	.01			
LG	.04	.55***			
PG	.04	.07			
AG	.03	-.28***	.49***	.48	.49***

Table 13 (continued)

Dependent	SE(b)		R^2	$adjR^2$	R^2
Academic Locus of Control					
SD	.10	-.11			
LG	.07	-.18*			
PG	.06	.04			
AG	.06	.22**	.13***	.11	.10***
Athletic Locus of Control					
SD	.09	.01			
LG	.06	-.25*			
PG	.06	.06			
AG	.04	.13	.08**	.06	.08**
Academic Need for Achievement					
SD	.11	.11			
LG	.08	.28***			
PG	.07	.15			
AG	.07	.26**	.18	.16***	.18***
Athletic Need for Achievement					
SD	.08	-.06			
LG	.06	.51***			
PG	.05	.31***			
AG	.04	-.17**	.60	.59***	.59***
Academic Desire to Win					
SD	.09	-.20**			
LG	.06	.31***			
PG	.06	.21**			
AG	.05	.07	.24	.22***	.19***
Athletic Desire to Win					
SD	.08	-.14*			
LG	.05	.23**			
PG	.05	.53***			
AG	.04	.04	.55	.54***	.46***

Table 13 (continued)

Dependent		SE(b)		R^2	$adjR^2$	R^2
Academic Fear of Negative Evaluation						
	SD	.08	-.22**			
	LG	.06	-.01			
	PG	.05	.13			
	AG	.05	.27***	.20***	.18	.11***
Athletic Fear of Negative Evaluation						
	SD	.09	-.07			
	LG	.06	-.01			
	PG	.06	.24**			
	AG	.04	.42***	.31***	.30	.23***

Note. R^2 refers to the model with social desirability as the only predictor. SD = social desirability, LG = learning goal, PG = prove goal, AG = avoid goal
* p < .05. ** p < .01. *** p < .001.

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