

Table 19
Factor Patterns for Scales with Low Reliability

Item	Factor	
	1	2
Academic Prove Goals		
2. I try to figure out what it takes to prove my athletic ability to others.	.66	–
3. I enjoy it when others are aware of how well I am doing in sport and athletics.	.65	–
4. I'm concerned with showing that I can perform better than other athletes.	.65	–
1. I prefer to participate in sports that allow me to prove my athletic ability to others.	.46	–
Athletic Internal Motivation		
3. Most people feel a great sense of personal satisfaction when they do well in sports.	.72	–
4. I feel a great sense of personal satisfaction when I perform well in sports.	.70	–
6. My opinion of myself goes up when I do well in sports.	.60	–
5. Most people feel bad or unhappy when they find they have performed poorly in sports.	.48	–
1. I feel bad and unhappy when I discover that I have performed poorly in sports.	.46	–
2. My own feelings generally are not affected much one way or the other by how well I do in sports.	.24	–
Athletic Locus of Control		
6. It takes a lot of luck to be an outstanding athlete.	.85 ^a	.06
4. Performing well in sports is a matter of luck.	.83 ^a	.14
7. Athletic performance is often influenced by accidental happenings.	.70 ^a	.06
1. Without the right breaks, one cannot succeed in sports.	.54 ^a	.15
8. The ability to succeed in athletics is "in the genes."	.13	-.12
5. Most athletes are able to excel if they make the effort.	.10	.80 ^b
3. In sports, athletes can pretty much accomplish whatever they set out to accomplish.	.13	.59 ^b
2. There is a directed connection between how hard I practice and how well I do in sports.	.16	.50 ^b
9. Athletic success is primarily due to practice.	-.03	.47 ^b

Note. Item numbers indicate the order in which the items were presented. ^a Luck. ^b Practice.

Table 20
 Regression Results for Modified Athletic Internal Motivation and Luck and Practice Scales

Step		SE(b)		R ²	adjR ²	R ²
Internal Motivation 2						
1	SD	.10	-.04			
	LG	.06	.51***			
	PG	.06	.13			
	AG	.05	.34***	.42***	.40	.38***
2	SD	.10	-.04			
	LG (S)	.06	.48***			
	PG (S)	.06	.15			
	AG (S)	.05	.29***			
	LG (A)	.07	.08			
	PG (A)	.06	-.06			
	AG (A)	.06	.15*	.43***	.41	.02
Luck						
1	SD	.13	.08			
	LG	.09	-.21*			
	PG	.09	.10			
	AG	.07	.26**	.12***	.10	.12***
2	SD	.13	.08			
	LG (S)	.09	-.20			
	PG (S)	.09	.10			
	AG (S)	.07	.29**			
	LG (A)	.09	-.01			
	PG (A)	.08	-.00			
	AG (A)	.08	-.09	.13**	.09	.01
Practice						
1	SD	.11	-.05			
	LG	.07	-.16			
	PG	.07	-.01			
	AG	.06	-.09	.03	.01	.03
2	SD	.11	-.04			
	LG (S)	.08	-.13			
	PG (S)	.07	-.02			
	AG (S)	.06	-.06			
	LG (A)	.08	-.15			
	PG (A)	.07	.05			
AG (A)	.07	-.06	.05	.01	.02	

Note. R² 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.

Table 21
Correlations for Difference Scores

	Academic			Athletic		
	1	2	3	4	5	6
1. Learning - Prove (A)	1.00					
2. Learning - Avoid (A)	.62**	1.00				
3. Prove - Avoid (A)	-.11	.71**	1.00			
4. Learning - Prove (S)	.25**	.15	-.04	1.00		
5. Learning - Avoid (S)	.15*	.25**	.18*	.60**	1.00	
6. Prove - Avoid (S)	.01	.21**	.25**	.06	.83**	1.00
	Demographic Variables					
Social Desirability	.22**	.15	-.01	.32**	.23**	.06
Gender	.06	.09	.06	.06	.20**	.22**
Race	-.02	-.01	-.00	-.01	.01	.03
Age	-.07	-.11	-.07	-.01	-.04	-.05
Academic Level	-.09	-.14	-.10	-.01	-.04	-.04
Work Experience	.14	.13	.05	-.01	.05	.07
GPA	.09	.16*	.12	.10	.05	-.00
	Predictor Variables					
SAT Scores	.09	.20**	.18*	.13	.16*	.11
Self-Perceived Ability (A)	.10	.26**	.25**	-.07	.02	.06
Implicit Theory (A)	-.06	-.10	-.08	-.12	-.20**	-.16*
Team Membership	-.02	-.06	-.06	.04	.26**	.31**
Intramurals	.06	.01	-.04	.18*	.31**	.25**
Self-Perceived Ability (S)	-.01	-.00	.01	.20**	.57**	.57**
Implicit Theory (S)	-.01	-.04	-.04	-.21**	-.28**	-.20**
	Criterion Variables					
High-School GPA	.07	.16*	.14	.05	.00	-.03
Intrinsic Motivation (A)	.39**	.58**	.38**	.00	.11	.14
Intrinsic Motivation (S)	.04	.07	.05	.25**	.58**	.55**
Internal Motivation (A)	.22**	.31**	.19*	-.11	.08	.18*
Internal Motivation (S)	-.04	-.08	-.06	-.05	.12	.19*
Internal Motivation 2 (S)	-.06	-.07	-.03	-.05	.13	.19*
Self-Efficacy (A)	.17*	.34**	.28**	.12	.17*	.13
Self-Efficacy (S)	.04	.08	.06	.35**	.66**	.59**
Locus of Control (A)	-.25**	-.33**	-.20**	-.08	-.18*	-.17*
Locus of Control (S)	-.03	-.05	-.03	-.20**	-.28**	-.21**
Luck (S)	-.02	-.02	-.00	-.25**	-.33**	-.24**
Practice (S)	-.08	-.07	-.02	-.03	-.07	-.06
Need for Achievement (A)	-.06	.01	.06	.11	.03	-.04
Need for Achievement (S)	.00	.14	.18*	.14	.58**	.63**
Desire to Win (A)	-.06	.14	.23**	-.27**	.03	.22**
Desire to Win (S)	-.06	.05	.12	-.24**	.21**	.43**
Fear of Negative Eval. (A)	-.28**	-.28**	-.10	-.25**	-.29**	-.18*
Fear of Negative Eval. (S)	-.09	-.16*	-.12	-.37**	-.32**	-.14

* $p < .05$. ** $p < .01$.