

Table S1

Standardized Factor Loadings From Exploratory Structural Equation Model of Items on the Beliefs About Fighting Scale.

Item	1	2	3	4
<u>Beliefs Against Fighting Scale</u>				
3. Fighting is a bad way to solve problems because you might get hurt	0.91***	-0.25***	0.04	0.05*
1. Fighting usually causes more problems than it solves	0.79***	-0.14***	0.12***	-0.06*
6. Fighting is just wrong; it's a bad thing to do	0.77***	-0.11***	-0.06*	0.04
13. Fighting mostly just leads to more fighting	0.69***	0.22***	-0.04	-0.04
19. There are better ways to solve most problems than fighting	0.69***	0.26***	-0.21***	-0.01
16. Most of the things people fight over aren't worth fighting about ^a	0.64***	0.34***	-0.07*	-0.01
<u>Fighting is Sometimes Necessary Scale</u>				
14. If you back down from a fight, people will think you are a coward	0.18***	0.72***	0.07**	0.01
20. If you don't fight someone who picks on you, other kids will never let you hear the end of it	0.11***	0.68***	0.03	0.13***
22. If you don't fight when someone messes with you, other people will pick on you	0.04*	0.67***	0.20***	-0.02
15. Sometimes a person doesn't have any choice but to fight	0.08***	0.58***	0.24***	0.05
11. Sometimes you have only two choices - get punched or punch the other person first	-0.01	0.50***	0.25***	0.18***
8. If you don't fight some kids, they'll just keep picking on you ^a	0.13***	0.50***	0.31***	-0.02
<u>Beliefs Supporting Reactive Aggression Scale</u>				
5. It's okay to fight someone if they call you names or tease you	-0.05***	-0.01	0.87***	0.02
7. It's okay to fight someone if they spread a rumor about you	-0.01	-0.01	0.84***	0.07***
4. It's okay to fight someone if they do something to make you mad	0.04*	-0.01	0.73***	0.09***
9. If people do something to make you really mad, they deserve to be beaten up	-0.08***	0.25***	0.57***	0.16***
23. You should fight someone if they say something bad about someone in your family	-0.04*	0.32***	0.57***	0.03
21. If someone pushes you, you should push them back ^a	-0.07***	0.41***	0.47***	-0.03
<u>Beliefs Supporting Proactive Aggression Scale</u>				
17. It's okay to yell at someone to get them to do things for you	-0.02	0.15***	-0.17***	0.89***
18. It's okay for you to hit someone to get them to do what you want	-0.09***	0.13***	-0.17***	0.89***
10. It's okay to threaten someone if they won't do what you want	-0.01	-0.14***	0.09**	0.81***
12. It's okay to fight someone if they have something you want	0.04	0.01	0.11***	0.73***
2. It's okay to use physical force to get someone to do what you want ^a	0.11***	-0.24***	0.31***	0.50***

Note. Analysis using target rotation based on the original hypothesized factor structure. Items sorted in descending order based on primary loading. Loadings .30 and higher in absolute value are bolded.

^aItem deleted from final scale based on cross loadings.

Table S2

Residual Correlations Representing Difference Between Observed (Sample) Correlations Among Items and Correlations Estimated by the Four-Factor Model.

Item #	Beliefs Against Fighting					Fighting is Sometimes Necessary					Beliefs Supporting Reactive Aggression					Beliefs Supporting Reactive Aggression		
	1	3	6	13	19	11	14	15	20	22	4	5	7	9	23	10	12	17
1																		
3	.06																	
6	-.01	.06																
13	-.01	-.08	-.03															
19	-.06	-.02	.01	.01														
11	<u>-.14</u>	<u>-.18</u>	<u>-.18</u>	-.02	-.09													
14	.05	.00	.02	<u>.26</u>	<u>.12</u>	-.07												
15	-.07	<u>-.13</u>	<u>-.13</u>	<u>.15</u>	.01	.01	.04											
20	-.03	-.04	-.06	.08	<u>.20</u>	-.06	.05	-.05										
22	.00	-.10	-.09	.06	.05	-.08	.05	-.08	.07									
4	<u>.12</u>	.07	-.10	.06	-.05	.04	-.08	.05	-.05	-.06								
5	-.02	-.09	-.06	.05	-.07	.01	<u>-.13</u>	-.04	-.08	-.06	.02							
7	-.03	-.05	.00	.05	-.03	.00	<u>-.13</u>	-.03	-.07	-.06	.02	.07						
9	-.02	-.08	-.07	<u>.12</u>	-.01	<u>.12</u>	-.04	.07	-.02	-.01	-.01	-.03	-.03					
23	.05	-.01	-.04	<u>.16</u>	.07	.07	.01	.06	.02	<u>.13</u>	.01	-.05	-.06	-.02				
10	-.06	-.03	.00	-.02	<u>-.11</u>	.10	<u>-.14</u>	-.07	<u>-.10</u>	-.09	-.03	.03	.02	.05	-.08			
12	.04	.07	.05	.06	.01	<u>.21</u>	-.05	.03	-.01	-.02	.02	.01	.02	<u>.11</u>	.01	.06		
17	-.01	.00	.00	.10	.03	.07	-.05	.03	.02	-.07	-.04	-.05	-.01	.01	-.03	-.03	<u>-.11</u>	
18	-.07	-.04	-.05	.00	.00	.03	<u>-.12</u>	-.06	.10	-.08	-.03	-.04	-.01	-.01	-.04	-.03	<u>-.11</u>	.08

Note. Values .10 or higher in absolute value are in bold underlined font.

Table S3

Correlations Between The Beliefs About Fighting Scale Factors and Factors Based on Student and Teacher Measures of Physical Aggression, Victimization, and Nonviolent Behavior

	Beliefs Against Fighting	Fighting is Sometimes Necessary	Beliefs Supporting Reactive Aggression	Beliefs Supporting Proactive Aggression
Physical Aggression (student report)	-.13*** [-.19,-.08]	.32*** [.26,.37]	.39*** [.34,.44]	.41*** [.35,.47]
Victimization (student report)	.11*** [.05,.17]	.26*** [.21,.31]	.13*** [.07,.17]	.21*** [.15,.28]
Nonviolent Intentions (student report)	.61*** [.55,.66]	.04 [-.05,.11]	-.23*** [-.30,-.16]	-.33 [-.40,-.27]
Physical Aggression (teacher rating)	-.26*** [-.30,-.16]	-.05 [-.14,.00]	.04 [-.06,.08]	.12** [.05,.21]
Physical Victimization (teacher rating)	-.23*** [-.30,-.16]	-.07 [-.13,0]	.01 [-.05,.08]	.13*** [.07,.21]
Effective Nonviolent Behavior (teacher rating)	.18*** [.13,.25]	.00 [-.06,.07]	-.11*** [-.17,-.05]	-.05 [-.12,.03]

Note. Values in brackets represent 95% confidence intervals based on bias-corrected bootstrap estimates of standard errors using 1,000 bootstrap draws. $N = 2,118$ for correlations with student measures of physical aggression and victimization. $N = 1,353$ for correlations with student ratings of nonviolent intentions. $N = 1,576$ for correlations with teacher ratings.