Supplemental Table 1

Confirmatory Factor Analysis of the Add Health Global Relationship Satisfaction Items

Item	M	SD	Range
I (am/was) satisfied with the way we handle our problems and disagreements.	3.74	1.08	1–5
I (am/was) satisfied with the way we handle family finances.	3.84	1.13	1–5
I (am/was) satisfied with our sex life.	4.04	1.08	1–5
How much do you love {initials}?	2.65	0.59	1–3
In general, how happy are you in your relationship with {initials}?	3.74	0.68	1–4

Supplemental Table 2

Model fit statistics of Latent Class Analysis on relationship satisfaction (AddHealth and USAF Community Assessment)

Model	LL	AIC	BIC	Entropy	LMR (*p*-value)
Add Health					
1-class	-20,678	41,391	41,498	-	-
2-class	-18,714	37,497	37,718	0.793	<.001
3-class	-18,156	36,418	36,751	0.766	0.5117
4-class	-17,884	35,910	36,357	0.773	<.001
USAF Community Assessment					
1-class	-34,5999	69,2047	69,2269	-	-
2-class	-27,4510	54,9123	54,9575	0.964	<.001
3-class	-24,0217	48,0587	48,1269	0.960	<.001
4-class	-21,7603	435411	436324	0.949	<.001

Note. LL = log likelihood; AIC = Akaike information criterion; BIC = Bayesian information criterion; LMR = Lo–Mendell–Rubin likelihood ratio test.

Supplemental Table 3

Psychological and Physical Intimate Partner Violence Acts and Impacts: Marital Satisfaction Inventory-Revised Standardization Sample — Prevalences for "Ever Occurred in this Relationship"

Construct	Item	IPV Answer	Prevalences for "Ever Occurred in this Relationship"			
			Nondistressed		Distressed	
			♂→♀	♀→♂	♂→♀	♀→♂
Physical IPV	My partner has never pushed me or grabbed me in anger.	F	14.7	14.7	47.8	37.8
Physical IPV	My partner has never thrown things at me in anger.	F	12.9	19.3	28.1	40.0
Physical IPV	My partner has slammed things around or thrown things in anger.	T	30.1	26.4	54.1	53.1
Physical IPV	My partner has slapped me.	T	7.1	10.2	30.6	29.7
Physical Impact	I have never worried that my partner might become angry enough to hurt me.	F	11.0	9.6	42.2	24.4
Physical Impact	My partner has left bruises or welts on my body.	T	3.4	4.1	18.1	13.1
Physical Impact	My partner has never injured me physically.	F	3.7	3.7	21.6	14.4
Psychological IPV	My partner has never threatened to hurt me.	F	5.7	9.0	28.8	20.3
Psychological IPV	My partner sometimes screams or yells at me when he or she is angry.	T	35.4	38.1	60.3	66.9
Psychological Impact	I have worried about my partner losing control of his or her anger.	T	13.3	9.7	41.3	28.4

Notes. ♂ = male; ♀ = female. IPV = Intimate Partner Violence

Supplemental Table 4

Physical Intimate Partner Violence Act and Impact Items: Add Health Study

Construct	Item
Physical IPV (Threats and Acts)	How often (has/did) {initials} (threatened/threaten) you with violence, (pushed/push) or (shoved/shove) you, or (thrown/throw) something at you that could hurt?
Physical IPV (Acts)	How often (has/did) {initials} (slapped/slap), hit or (kicked/kick) you?
Sexual IPV	How often (has/did) {initials} (insisted/insist) on or (made/make) you have sexual relations with (him/her) when you didn't want to?
Physical Impact	How often (have/did) you (had/have) an injury, such as a sprain, bruise, or cut because of a fight with {initials}?

Note. Sample items are for partner-to-self Intimate Partner Violence (IPV). Parallel items for self-to-partner were also administered.

Supplemental Table 5

Prevalence of Clinically Significant Psychological Intimate Partner Violence with Credibility Intervals

Study	Ever in this Relationship				Past Year			
	♂→♀	CI	♀→♂	CI	♂→♀	CI	♀→♂	CI
MSI-R Standardization Study								
Nondistressed	6.2	4.7–8.3	6.7	5.2–8.9	–	–	–	–
Distressed	20.0	16.9–25.2	35.0	32.1–41.9	–	–	–	–
Add Health								
Nondistressed	–	–	–	–	–	–	–	–
Distressed	–	–	–	–	–	–	–	–
2008 USAF Community Assessment								
Nondistressed	–	–	–	–	8.2	7.8–8.7	4.8	4.6–5.1
Distressed	–	–	–	–	40.1	38.6–41.6	28.4	27.4–29.5

Notes. ♂ = male; ♀ = female. CI = 95% Credibility Interval. MSI-R = Marital Satisfaction Inventory-Revised

Supplemental Table 6
Prevalence of Physical Intimate Partner Violence with Credibility Intervals

Study	Ever in this Relationship				Past Year			
	♂→♀	CI	♀→♂	CI	♂→♀	CI	♀→♂	CI
MSI-R Standardization Study								
Nondistressed	24.8	25.5–32.2	24.3	21.4–27.7	–		–	
Distressed	57.2	52.8–62.9	58.8	53.9–63.9	–		–	
Relationship Development Study								
Nondistressed	26.0	21.6–30.6	24.4	18.5–31.0	13.0	9.7–16.6	11.7	7.4–16.7
Distressed	48.5	41.5–55.5	53.6	43.7–63.4	31.3	25.0–37.9	38.5	29.1–48.4
Add Health								
Nondistressed	6.1[a]	5.2–7.1	11.6[a]	10.3–12.9	4.2[a]	3.5–5.1	9.1[a]	8.0–10.2
Distressed	19.4[a]	17.0–22.0	25.3[a]	22.5–28.1	15.9[a]	13.6–18.3	21.4[a]	18.8–24.1
2008 USAF Community Assessment								
Nondistressed					3.5	3.3–3.7	5.4	5.1–5.6
Distressed					11.6	11.0–12.2	16.5	15.8–17.2

Notes. ♂ = male; ♀ = female. CI = 95% Credibility Interval.
[a]Prevalence assessed across physical (threats and acts) or sexual IPV types.

Supplemental Table 7
Prevalence of Clinically Significant Physical Intimate Partner Violence with Credibility Intervals

Study	Ever in this Relationship				Past Year			
	♂→♀	CI	♀→♂	CI	♂→♀	CI	♀→♂	CI
MSI-R Standardization Study								
Nondistressed	8.7	6.9–11.1	8.7	7.1–11.3	–	–	–	–
Distressed	28.4	24–33.2	45.9	40.6–50.8	–	–	–	–
Relationship Development Study								
Nondistressed	9.8	7.0–13.1	5.6	2.7–9.3	4.4	2.5–6.7	2.8	0.9–5.6
Distressed	27.0	21.1–33.5	25.8	17.6–34.9	13.8	9.3–18.9	15.5	9.0–23.3
Add Health								
Nondistressed	1.5[a]	0.9–2.3	1.7[a]	1.1–2.5	1.1[a]	0.6–1.8	1.1[a]	0.6–1.8
Distressed	10.2[a]	8.9–11.5	8.6[a]	7.5–9.8	7.4[a]	6.4–8.6	6.5[a]	5.5–7.6
2008 USAF Community Assessment								
Nondistressed	–	–	–	–	0.9	0.8–1.0	0.9	0.8–0.9
Distressed	–	–	–	–	4.2	3.8–4.6	4.3	3.9–4.7

CI = 95% Credibility Interval.
[a] = Prevalence assessed across physical (threats and acts) or sexual IPV types.

Supplemental Figure 1

Confirmatory Factor Analysis of Add Health Relationship Satisfaction Construct