

Forms and Functions of Intimate Partner Aggression (FFIPA)

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Scoring:

Observed total scores approach:

The use of latent factor analysis is recommended to derive factor scores for each unique construct separately (i.e., reactive, proactive, overt, relational). However, factor analysis is not necessary for utilization of the FFIPA, and scale scores for each of the six observed subscales may be computed as well. This scoring approach utilizes the simple computation of sum scores for each subscale which may then be analyzed with traditional statistical approaches (for further guidance on alternate scoring approaches see Lee, Penney, Odgers, & Moretti, 2010

<http://dx.doi.org/10.1080/14999013.2010.525731>).

Confirmatory factory analysis approach:

The use of latent factor analysis is recommended to derive factor scores for each unique construct separately (i.e., reactive, proactive, overt, relational). In order to aid model estimation, it is recommended that the variability and distribution of item scores be preliminarily analyzed to determine if item parceling is necessary prior to the estimation of models. Please see the original study article for guidance on item parceling.

The following Mplus (v8) syntax may be used to conduct a factor analysis of the FFIPA. Afterwards factor scores for each unique construct may be extracted in order to permit additional analyses with other variables of interest. NOTE: This example syntax does not utilize item parceling. The syntax will result in a model that exactly mirrors the variance structure of the published FFIPA (e.g., the Overt factor covaries freely with the Relational factor, but not with the Reactive and Proactive factors).

TITLE:

MPLUS SYNTAX FOR FFIPA: CFA with NO PARCELS;

DATA:

File is FFIPA.csv;

VARIABLE:

NAMES ARE

subject Item1 Item2 Item3 Item4 Item5 Item6 Item7 Item8 Item9 Item10 Item11 Item12
Item13 Item14 Item15 Item16 Item17 Item18 Item19 Item20 Item21 Item22 Item23 Item24
Item25 Item26 Item27 Item28 Item29 Item30 Item31 Item32 Item33 Item34 Item35 Item36;

USEVARIABLES ARE

subject Item1 Item2 Item3 Item4 Item5 Item6 Item7 Item8 Item9 Item10 Item11 Item12
Item13 Item14 Item15 Item16 Item17 Item18 Item19 Item20 Item21 Item22 Item23 Item24
Item25 Item26 Item27 Item28 Item29 Item30 Item31 Item32 Item33 Item34 Item35 Item36;

MISSING are all (999);

CATEGORICAL are Item1 Item2 Item3 Item4 Item5 Item6 Item7 Item8 Item9

Item10 Item11 Item12 Item13 Item14 Item15 Item16 Item17 Item18 Item19 Item20 Item21
Item22 Item23 Item24 Item25 Item26 Item27 Item28 Item29 Item30 Item31 Item32 Item33
Item34 Item35 Item36;

ANALYSIS:

Estimator is wlsmv;

TYPE = general;

! VARIANCE STRUCTURE OF THE FFIPA;

! Latent variances are set to 1 & loadings are freed;

! Second order variances are set to 1 & loadings are freed;

! All pairs of factor indicator loadings are equated;

! The Forms/Functions are uncorrelated;

! Forms are correlated;

! Functions are uncorrelated;

MODEL:

Overt BY Item1* Item2* Item3* Item4* Item5* Item6*;

Overt@1;

Relational BY Item19* Item20* Item21* Item22* Item23* Item24*;

Relational@1;

Overt_Proactive BY Item13* Item14* Item15* Item16* Item17* Item18*;

Overt_Proactive@1;

Overt_Reactive BY Item7* Item8* Item9* Item10* Item11* Item12*;
Overt_Reactive@1;
Relational_Proactive BY Item31* Item32* Item33* Item34* Item35* Item36*;
Relational_Proactive@1;
Relational_Reactive BY Item25* Item26* Item27* Item28* Item29* Item30*;
Relational_Reactive@1;
Proactive BY Overt_Proactive* (1);
Proactive BY Relational_Proactive (1);
Proactive@1;
Reactive BY Overt_Reactive* (2);
Reactive BY Relational_Reactive (2);
Reactive@1;
Proactive WITH Overt@0;
Proactive WITH Relational@0;
Proactive WITH Overt_Reactive@0;
Proactive WITH Relational_Reactive@0;
Proactive WITH Reactive@0;
Reactive WITH Overt@0;
Reactive WITH Relational@0;
Reactive WITH Overt_Proactive@0;
Reactive WITH Relational_Proactive@0;
Overt_Proactive ON Overt (3);
Overt_Reactive ON Overt (3);
Relational_Reactive ON Relational (4);
Relational_Proactive ON Relational (4);
Overt WITH Relational;

OUTPUT: SAMPSTAT STDYX;

FFIPA

Instructions: Below is a list of some things partners do while they are arguing. Please indicate how each statement applies to you on a scale from “1” (Not At All True) to “4” (Completely True).

	Not At All True		Completely True
<u>Overt</u>			
1. I'm the kind of person who often fights with my partner.	1	2	3 4
2. I'm the kind of person who hits, kicks, or punches my partner.	1	2	3 4
3. I'm the kind of person who says mean things to my partner.	1	2	3 4
4. I'm the kind of person who puts my partner down.	1	2	3 4
5. I'm the kind of person who threatens my partner.	1	2	3 4
6. I'm the kind of person who takes things from my partner.	1	2	3 4
<u>Reactive Overt</u>			
7. When I'm hurt by my partner, I often fight back.	1	2	3 4
8. When I'm threatened by my partner, I often threaten back.	1	2	3 4
9. When I'm hurt by my partner, I often get back at him/her by saying mean things to him/her.	1	2	3 4
10. If my partner makes me upset or hurts me, I often put him/her down.	1	2	3 4
11. If my partner has angered me, I often hit, kick or punch him/her.	1	2	3 4
12. If my partner makes me mad or upset, I often hurt him/her.	1	2	3 4
<u>Proactive Overt</u>			
13. I often start fights with my partner to get what I want.	1	2	3 4
14. I often threaten my partner to get what I want.	1	2	3 4
15. I often hit, kick, or punch my partner to get what I want.	1	2	3 4
16. To get what I want, I often put my partner down.	1	2	3 4
17. To get what I want, I often say mean things to my partner.	1	2	3 4
18. To get what I want, I often hurt my partner.	1	2	3 4
<u>Relational</u>			
19. I'm the kind of person who tells my friends to stop liking my partner.	1	2	3 4
20. I'm the kind of person who tells my partner I won't be in a relationship with him/her anymore.	1	2	3 4
21. I'm the kind of person who keeps my partner from being with my group of friends.	1	2	3 4
22. I'm the kind of person who says mean things about my partner.	1	2	3 4
23. I'm the kind of person who ignores my partner or stops talking to him/her.	1	2	3 4

24. I'm the kind of person who gossips or spreads rumors about my partner. 1 2 3 4

Reactive Relational

25. If my partner upsets or hurts me, I often tell my friends to stop liking him/her. 1 2 3 4

26. If my partner has threatened me, I often say mean things about him/her. 1 2 3 4

27. If my partner has hurt me, I often keep him/her from being with my group of friends. 1 2 3 4

28. When I am angry at my partner, I often tell him/her I won't be in a relationship with him/her anymore. 1 2 3 4

29. When I am upset with my partner, I often ignore or stop talking to him/her. 1 2 3 4

30. When I am mad at my partner, I often gossip or spread rumors about him/her. 1 2 3 4

Proactive Relational

31. I often tell my friends to stop liking my partner to get what I want. 1 2 3 4

32. I often say mean things about my partner to my friends to get what I want. 1 2 3 4

33. I often keep my partner from being with my group of friends to get what I want. 1 2 3 4

34. To get what I want, I often tell my partner I won't be in a relationship with him/her anymore. 1 2 3 4

35. To get what I want, I often ignore or stop talking to my partner. 1 2 3 4

36. To get what I want, I often gossip or spread rumors about my partner. 1 2 3 4