Coercion and IPV: Development of a New Measure

Mary Ann Dutton, Ph.D.
Georgetown University
Center for Trauma and the Community

Co-PI
Lisa A. Goodman, Ph.D.
Boston College
Introduction

- Coercive control at center of analysis of IPV, yet no valid measure of it

- Potentially distinct from physical, sexual, psychological abuse, or stalking

- Violence and abuse alone cannot adequately characterize the experience of battered victims

- Gender symmetry controversy may be addressed by attention to coercion as central
Introduction

- Working conceptual definition based on theory of social power

- Defined as “credible threat for noncompliance with (implicit or explicit) demand or expectation”

- Perceived contingent event
Research Aims

- Develop and validate a measure of coercion in intimate partner relationships
- Preliminarily examine mutual violence theory (Johnson)
Major Steps

- Generate theoretical conceptualization
- Individual narrative interviews (n = 30)
- National advisory panel conceptual development (n = 15)
- Generate measurement items
- Pilot interviews, including narrative feedback
- Expert panel consensus of items (n = 100)
- Validity study (n = 763)
Measure of Coercion
($\alpha = .91$, partner; $\alpha = .90$, self)

- In the last 12 months...did your partner make you think that s/he might do the following if you didn’t do what s/he wanted?

- 31 items
  - Harm to you (25 items)
  - Harm to partner (2 items)
  - Harm to others (4 items)
Prevalence of Higher Frequency (>15%) Coercion: No Gender Differences

- Use personal info against: 0.35
- Keep from family, friends: 0.26
- Take something of yours: 0.26
- Hurt you financially: 0.24
- Leave, get divorce: 0.23
- Keep from leaving house: 0.21
- Cause legal trouble: 0.18
- Limit access to transportation: 0.18
Prevalence of Lower Frequency (<15%) Coercion:
No Gender Differences

- Keep from going to work: 0.14
- Cause to lose job: 0.13
- Cause to lose housing: 0.12
- Try to kill you: 0.09
- Destroy legal papers: 0.08
- Kill or hurt pets: 0.06
- Not allow to take medication: 0.06
- Force sex with others: 0.04
- Put in mental hospital: 0.04
## Prevalence of Coercion by Partner: Sex Differences in Individual items

<table>
<thead>
<tr>
<th>Item</th>
<th>Male sample</th>
<th>Female sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Say something mean, humiliating</td>
<td>.41</td>
<td>.57</td>
</tr>
<tr>
<td>Physically hurt you</td>
<td>.16</td>
<td>.28</td>
</tr>
<tr>
<td>Force unwanted sex</td>
<td>.08</td>
<td>.17</td>
</tr>
<tr>
<td>Scare you</td>
<td>.18</td>
<td>.38</td>
</tr>
<tr>
<td>Have sex with someone else</td>
<td>.18</td>
<td>.29</td>
</tr>
<tr>
<td>Threaten deportation</td>
<td>.06</td>
<td>.02</td>
</tr>
<tr>
<td>Have arrested</td>
<td>.17</td>
<td>.08</td>
</tr>
</tbody>
</table>
Measure of Demands
(\(\alpha = .86, \text{ partner}; \alpha = .91, \text{ self}\))

- In the last 12 months... did your partner a demand of you related to ...

48 items
- Personal activities/appearance (10)
- Support/social life/family (6)
- Household (3)
- Work/economic/resources (5)
- Health (4)
- Intimate relationship (8)
- Legal (4)
- Immigration (3)
- Children/parenting (5)
Measure of Surveillance

(\(\alpha = .86\), partner; \(\alpha = .86\), self)

...which of the things have you done in order to see whether...partner did what you demanded.
Measure of Surveillance

13 items

– Check or opened mail or journal
– Kept track of telephone/cell phone use
– Called on phone
– Told partner to carry cell phone or pager
– Checked partner’s clothing
– Checked the house
– Checked receipts/bank books
– Checked the car
– Asked others (children, neighbors, family)
– Told partner to report behavior to you
– Used recording device
– Spied or followed
– Didn’t need to check; just knew
Age

Mean = 30.97
Std. Dev. = 11.375
N = 722
Validity Study: Methods

- 2 geographic locations
  - Washington, D.C.
  - Boston, MA

- Recruitment sites
  - Domestic violence courts
  - Family courts
  - Community social service programs
  - Community colleges
  - Public gathering places
### Sample Description:
IPV Victimization and Perpetration

<table>
<thead>
<tr>
<th></th>
<th>Non-violent</th>
<th>Both violent</th>
<th>Victim, only</th>
<th>Perp, only</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>46</td>
<td>216</td>
<td>37</td>
<td>14</td>
<td>313</td>
</tr>
<tr>
<td>Female</td>
<td>67</td>
<td>297</td>
<td>68</td>
<td>16</td>
<td>448</td>
</tr>
<tr>
<td>TOTAL</td>
<td>113</td>
<td>513</td>
<td>105</td>
<td>30</td>
<td>763</td>
</tr>
</tbody>
</table>
Ethnicity

- 58.1% African American
- 23.4% Caucasian
- 12.0% Latina/Latino
- 12.5% Other
Employment / Education

- 18.1% Unemployed
- 29.0% Fed or state assistance
- 20.0% < 12th grade education
- 16.2% Completed 2+ yrs college
Relationship Status

- 62.3% Currently involved
- 33.4% Currently living with partner
- 23.2% Married
- 44.5% Committed relationship

Histogram

How Long Relationship?

Mean = 5.55
Std. Dev. = 5.22
N = 714
## Convergent Validity

<table>
<thead>
<tr>
<th></th>
<th>Report of Partner’s</th>
<th>Report of Self</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Demand</td>
<td>Surveil</td>
</tr>
<tr>
<td><strong>Partner’s Coercion</strong></td>
<td>.61</td>
<td>.76</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Own Coercion</strong></td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Predictive Validity

<table>
<thead>
<tr>
<th></th>
<th>PTSD</th>
<th>Depression</th>
<th>IPV Threat Appraisal</th>
<th>Fear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partner’s Coercion</td>
<td>.43</td>
<td>.30</td>
<td>.45</td>
<td>.42</td>
</tr>
</tbody>
</table>

Beta values in cells, all significant at $p \leq .001$
### Predictive Validity, Controlling for CTS and PMWI

<table>
<thead>
<tr>
<th></th>
<th>PTSD</th>
<th>Depression</th>
<th>IPV Threat Appraisal</th>
<th>Fear</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Partner’s Coercion</strong>&lt;br&gt;(total sample)</td>
<td>.43*&lt;br&gt;(a²R = .30)</td>
<td>.30*&lt;br&gt;(a²R = .13)</td>
<td>.45*&lt;br&gt;(a²R = .34)</td>
<td>.42*&lt;br&gt;(a²R = .30)</td>
</tr>
<tr>
<td><strong>Partner’s Coercion, controlling for CTS and PMWI</strong>&lt;br&gt;(total sample)</td>
<td>.18*&lt;br&gt;(a²R = .38)</td>
<td>.06&lt;br&gt;(a²R = .20)</td>
<td>.21*&lt;br&gt;(a²R = .43)</td>
<td>.14*&lt;br&gt;(a²R = .40)</td>
</tr>
<tr>
<td></td>
<td>.26*&lt;br&gt;(a²R = .38)</td>
<td>.36*&lt;br&gt;(a²R = .20)</td>
<td>.35*&lt;br&gt;(a²R = .43)</td>
<td>.31*&lt;br&gt;(a²R = .40)</td>
</tr>
</tbody>
</table>
Predictive Validity: Male vs. Female

<table>
<thead>
<tr>
<th></th>
<th>PTSD</th>
<th>Depression</th>
<th>IPV Threat Appraisal</th>
<th>Fear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partner’s Coercion (female sample)</td>
<td>.49*</td>
<td>.37*</td>
<td>.47*</td>
<td>.48*</td>
</tr>
<tr>
<td>Partner’s Coercion (male sample)</td>
<td>.38*</td>
<td>.23*</td>
<td>.43*</td>
<td>.39*</td>
</tr>
</tbody>
</table>

Beta values in cells, all significant at $p \leq .001$
### Predictive Validity: Male vs. Female

Controlling for CTS and PMWI

<table>
<thead>
<tr>
<th></th>
<th>PTSD</th>
<th>Depression</th>
<th>IPV Threat Appraisal</th>
<th>Fear</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Partner’s Coercion</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>controlling for</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partner’s Coercion</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>controlling for</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTS</td>
<td>.21*</td>
<td>.10</td>
<td>.19*</td>
<td>.09</td>
</tr>
<tr>
<td>PMWI</td>
<td>.19*</td>
<td>.00</td>
<td>.28*</td>
<td>.25*</td>
</tr>
<tr>
<td>(female sample)</td>
<td>.32*</td>
<td>.43*</td>
<td>.27*</td>
<td>.37*</td>
</tr>
<tr>
<td>(a²R = .44)</td>
<td>(a²R = .26)</td>
<td>(a²R = .45)</td>
<td>(a²R = .43)</td>
<td></td>
</tr>
<tr>
<td>Partner’s Coercion</td>
<td>.18*</td>
<td>.07</td>
<td>.24*</td>
<td>.35*</td>
</tr>
<tr>
<td>controlling for</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partner’s Coercion</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>controlling for</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTS</td>
<td>.31*</td>
<td>.06</td>
<td>.44*</td>
<td>.28*</td>
</tr>
<tr>
<td>PMWI</td>
<td>.09</td>
<td>.21*</td>
<td>.01</td>
<td>.04</td>
</tr>
<tr>
<td>(male sample)</td>
<td>(a²R = .27)</td>
<td>(a²R = .09)</td>
<td>(a²R = .40)</td>
<td>(a²R = .31)</td>
</tr>
</tbody>
</table>
Mutual Partner Violence: The Hypothesis
Definitions of Mutual Violence

Categories

- **Mutual Terrorism**
  - Both partners severe violence

- **Mutual – Victim predominately**
  - Both partners violent, Partner only severe viol

- **Mutual – Perpetrator predominately**
  - Both partners violence, Respondent only severe viol

- **Mutual – Common couple violence**
  - Both partners violence, neither use severe violence
Definition: Severe Violence

- CTS-2 definition of severe violence
  - Kick
  - Threat/Use of weapon
  - Choke
  - Beat up
  - Slam against wall
  - Burn
- Forced sex
- Violence resulted in pain the next day
Definition of Additional Violent Categories

- Nonviolent
  - Neither partner uses any violence
- Pure victim
  - Only partner uses any violence
- Pure perpetrator
  - Only respondent uses any violence
GENDER

Male

Female

Gender Status1

- Mutual terror
- Mutual perp predom
- Mutual victim predom
- Mutual comm cp viol
- Victim pure
- Perp pure
- Nonviolent
## Tests of Between-Subjects Effects

Dependent Variable: s5a_part_v CTS-Partner % Endorsed Score

<table>
<thead>
<tr>
<th>Source</th>
<th>Type III Sum of Squares</th>
<th>df</th>
<th>Mean Square</th>
<th>F</th>
<th>Sig.</th>
<th>Partial Eta Squared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrected Model</td>
<td>24.250⁰</td>
<td>13</td>
<td>1.865</td>
<td>89.853</td>
<td>.000</td>
<td>.616</td>
</tr>
<tr>
<td>Intercept</td>
<td>22.700</td>
<td>1</td>
<td>22.700</td>
<td>1093.425</td>
<td>.000</td>
<td>.600</td>
</tr>
<tr>
<td>Status1</td>
<td>20.890</td>
<td>6</td>
<td>3.482</td>
<td>167.704</td>
<td>.000</td>
<td>.580</td>
</tr>
<tr>
<td>GENDER</td>
<td>.489</td>
<td>1</td>
<td>.489</td>
<td>23.564</td>
<td>.000</td>
<td>.031</td>
</tr>
<tr>
<td>Status1 * GENDER</td>
<td>.781</td>
<td>6</td>
<td>.130</td>
<td>6.268</td>
<td>.000</td>
<td>.049</td>
</tr>
<tr>
<td>Error</td>
<td>15.135</td>
<td>729</td>
<td>.021</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>56.832</td>
<td>743</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected Total</td>
<td>39.385</td>
<td>742</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a. R Squared = .616 (Adjusted R Squared = .609)
Estimated Marginal Means

Self-reported Violence Victimization CTS

GENDER
- Male
- Female

Status1

Mutual terror
Mutual perp predom
Mutual victim predom
Mutual comm cp viol
Victim pure
Perp pure
Nonviolent
Tests of Between-Subjects Effects

Dependent Variable: s5a1_sel_v CTS-Self % Endorsed Score

<table>
<thead>
<tr>
<th>Source</th>
<th>Type III Sum of Squares</th>
<th>df</th>
<th>Mean Square</th>
<th>F</th>
<th>Sig.</th>
<th>Partial Eta Squared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrected Model</td>
<td>11.719a</td>
<td>13</td>
<td>.901</td>
<td>102.663</td>
<td>.000</td>
<td>.647</td>
</tr>
<tr>
<td>Intercept</td>
<td>12.044</td>
<td>1</td>
<td>12.044</td>
<td>1371.605</td>
<td>.000</td>
<td>.653</td>
</tr>
<tr>
<td>Status1</td>
<td>11.004</td>
<td>6</td>
<td>1.834</td>
<td>208.863</td>
<td>.000</td>
<td>.632</td>
</tr>
<tr>
<td>GENDER</td>
<td>.128</td>
<td>1</td>
<td>.128</td>
<td>14.632</td>
<td>.000</td>
<td>.020</td>
</tr>
<tr>
<td>Status1 * GENDER</td>
<td>.179</td>
<td>6</td>
<td>.030</td>
<td>3.393</td>
<td>.003</td>
<td>.027</td>
</tr>
<tr>
<td>Error</td>
<td>6.401</td>
<td>729</td>
<td>.009</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>22.399</td>
<td>743</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected Total</td>
<td>18.121</td>
<td>742</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a. R Squared = .647 (Adjusted R Squared = .640)
## Tests of Between-Subjects Effects

Dependent Variable: PER 2C Percentage of 2C: Coercion

<table>
<thead>
<tr>
<th>Source</th>
<th>Type III Sum of Squares</th>
<th>df</th>
<th>Mean Square</th>
<th>F</th>
<th>Sig.</th>
<th>Partial Eta Squared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrected Model</td>
<td>11.443a</td>
<td>13</td>
<td>.880</td>
<td>40.83</td>
<td>.000</td>
<td>.422</td>
</tr>
<tr>
<td>Intercept</td>
<td>19.977</td>
<td>1</td>
<td>19.977</td>
<td>927.816</td>
<td>.000</td>
<td>.560</td>
</tr>
<tr>
<td>Status1</td>
<td>9.922</td>
<td>6</td>
<td>1.654</td>
<td>76.799</td>
<td>.000</td>
<td>.387</td>
</tr>
<tr>
<td>GENDER</td>
<td>.042</td>
<td>1</td>
<td>.042</td>
<td>1.934</td>
<td>.165</td>
<td>.003</td>
</tr>
<tr>
<td>Status1 * GENDER</td>
<td>.506</td>
<td>6</td>
<td>.084</td>
<td>3.914</td>
<td>.001</td>
<td>.031</td>
</tr>
<tr>
<td>Error</td>
<td>15.696</td>
<td>729</td>
<td>.022</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>46.261</td>
<td>743</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected Total</td>
<td>27.140</td>
<td>742</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a. R Squared = .422 (Adjusted R Squared = .411)
Report of Partner's Coercion

GENDER
- Male
- Female

Status1
- Mutual terror
- Mutual perp predom
- Mutual victim predom
- Mutual comm cp viol
- Victim pure
- Perp pure
- Nonviolent

Estimated Marginal Means
- 0.50
- 0.40
- 0.30
- 0.20
- 0.10
- 0.00
Tests of Between-Subjects Effects

Dependent Variable: PER_3C  Percentage of 3C: Coercion

<table>
<thead>
<tr>
<th>Source</th>
<th>Type III Sum of Squares</th>
<th>df</th>
<th>Mean Square</th>
<th>F</th>
<th>Sig.</th>
<th>Partial Eta Squared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrected Model</td>
<td>4.937a</td>
<td>13</td>
<td>.380</td>
<td>25.706</td>
<td>.000</td>
<td>.314</td>
</tr>
<tr>
<td>Intercept</td>
<td>8.417</td>
<td>1</td>
<td>8.417</td>
<td>569.719</td>
<td>.000</td>
<td>.439</td>
</tr>
<tr>
<td>Status1</td>
<td>4.544</td>
<td>6</td>
<td>.757</td>
<td>51.258</td>
<td>.000</td>
<td>.297</td>
</tr>
<tr>
<td>GENDER</td>
<td>.186</td>
<td>1</td>
<td>.186</td>
<td>12.615</td>
<td>.000</td>
<td>.017</td>
</tr>
<tr>
<td>Status1 * GENDER</td>
<td>.151</td>
<td>6</td>
<td>.025</td>
<td>1.699</td>
<td>.119</td>
<td>.014</td>
</tr>
<tr>
<td>Error</td>
<td>10.770</td>
<td>729</td>
<td>.015</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>21.696</td>
<td>743</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected Total</td>
<td>15.707</td>
<td>742</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a. R Squared = .314 (Adjusted R Squared = .302)
Self-Reported Coercion

Estimated Marginal Means

GENDER
- Male
- Female

Status1
- Mutual terror
- Mutual perp predom
- Mutual victim predom
- Mutual comm cp viol
- Victim pure
- Perp pure
- Nonviolent
# Tests of Between-Subjects Effects

Dependent Variable: s5f_fear  Total Fear Score

<table>
<thead>
<tr>
<th>Source</th>
<th>Type III Sum of Squares</th>
<th>df</th>
<th>Mean Square</th>
<th>F</th>
<th>Sig.</th>
<th>Partial Eta Squared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrected Model</td>
<td>319.472(^a)</td>
<td>13</td>
<td>24.575</td>
<td>24.423</td>
<td>.000</td>
<td>.330</td>
</tr>
<tr>
<td>Intercept</td>
<td>272.464</td>
<td>1</td>
<td>272.464</td>
<td>270.786</td>
<td>.000</td>
<td>.296</td>
</tr>
<tr>
<td>Status1</td>
<td>178.660</td>
<td>6</td>
<td>29.777</td>
<td>29.593</td>
<td>.000</td>
<td>.216</td>
</tr>
<tr>
<td>GENDER</td>
<td>23.761</td>
<td>1</td>
<td>23.761</td>
<td>23.614</td>
<td>.000</td>
<td>.035</td>
</tr>
<tr>
<td>Status1 * GENDER</td>
<td>59.649</td>
<td>6</td>
<td>9.941</td>
<td>9.880</td>
<td>.000</td>
<td>.084</td>
</tr>
<tr>
<td>Error</td>
<td>648.996</td>
<td>645</td>
<td>1.006</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>1284.000</td>
<td>659</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected Total</td>
<td>968.467</td>
<td>658</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a. R Squared = .330 (Adjusted R Squared = .316)
Self-Reported Fear Score

Gender:
- Male
- Female

Status 1:
- Mutual terror
- Mutual perp predom
- Mutual victim predom
- Mutual comm cp viol
- Victim pure
- Perp pure
- Nonviolent

Estimated Marginal Means:
- 2.50
- 2.00
- 1.50
- 1.00
- 0.50
- 0.00
## Tests of Between-Subjects Effects

**Dependent Variable:** s5b_p_d.i  Partner Psychological-Dominance/Isolation

<table>
<thead>
<tr>
<th>Source</th>
<th>Type III Sum of Squares</th>
<th>df</th>
<th>Mean Square</th>
<th>F</th>
<th>Sig.</th>
<th>Partial Eta Squared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrected Model</td>
<td>26.670a</td>
<td>13</td>
<td>2.052</td>
<td>33.638</td>
<td>.000</td>
<td>.375</td>
</tr>
<tr>
<td>Intercept</td>
<td>47.728</td>
<td>1</td>
<td>47.728</td>
<td>782.574</td>
<td>.000</td>
<td>.518</td>
</tr>
<tr>
<td>Status1</td>
<td>22.366</td>
<td>6</td>
<td>3.728</td>
<td>61.119</td>
<td>.000</td>
<td>.335</td>
</tr>
<tr>
<td>GENDER</td>
<td>.708</td>
<td>1</td>
<td>.708</td>
<td>11.612</td>
<td>.001</td>
<td>.016</td>
</tr>
<tr>
<td>Status1 * GENDER</td>
<td>.906</td>
<td>6</td>
<td>.151</td>
<td>2.475</td>
<td>.022</td>
<td>.020</td>
</tr>
<tr>
<td>Error</td>
<td>44.461</td>
<td>729</td>
<td>.061</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>123.592</td>
<td>743</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrected Total</td>
<td>71.131</td>
<td>742</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a. R Squared = .375 (Adjusted R Squared = .364)
Self-Reported Victimization by Psychological-Dominance/Isolation

Estimated Marginal Means

GENDER

- Male
- Female

Status1

- Mutual terror
- Mutual perp predom
- Mutual victim predom
- Mutual comm cp viol
- Victim pure
- Perp pure
- Nonviolent

Female
Male
Conceptual Model of Coercive Control

Demands
- Credible threat for noncompliance

Cognitive
- Emotional
- Behavioral
- response to coercion

Outcomes of coercion

Surveillance

Delivery of threatened consequences

Setting the stage

Vulnerability to coercion

Social Ecology

Agent

Target

Dutton & Goodman, *Sex Roles (forthcoming)*