

The WomanStats Database

Organization, Accessibility
and Cross-Compatibility

WomanStats: Introduction

- Variables and scales.
 - 296 variables: Practice, Law, Data, and Sales
- Access
 - 100% free access - thanks to many generous donors
- Coverage
 - All nations with over 200K in populations are included
- Data Sources
 - Gov, IGO, NGO, Journals, Newspapers, Interviews, In Situ etc
- Data Types
 - Qualitative - Quantitative, Urban vs. Rural, Regional, Religion
- Standardization
 - All data sources are broken up into their respective variables

Measures of Security

Following Martha Nussbaum's lead (1995, 2000), we are most interested in the following 9 clusters of variables concerning the status of women:

- Women's Physical Security
- Women's Economic Security
- Women's Legal Security
- Women's Security in the Community
- Women's Security in the Family
- Security for Maternity
- Women's Security Through Voice
- Security Through Societal Investment in Women
- Women's Security in the State

Specific Variables of Interest

Of the 300 variables available in the WS Database the follow may be especially interesting:

- | | |
|--|---|
| <ul style="list-style-type: none">● Age of Marriage● FGM● Murder● Domestic Violence● Economic Dependence● Honor Crimes● Dowry Related Violence● Sexual Exploitation● Trafficking and prostitution● Femicide/Infanticide | <ul style="list-style-type: none">● Forced Marriage● Sexual Harassment● Is a woman able to insist that her husband wear a condom?● Equal access to health care● Land ownership and property rights● Does a women have control over her fecundity?● Divorce, custody and inheritance |
|--|---|

Scales of Interest

- | | |
|--|--|
| <ul style="list-style-type: none">● Female Genital Mutilation● Differential Access to Health Care● Domestic Violence● Sexual Assault (Incidence and Conviction)● Rape Assault (Incidence and Conviction)● Murder● Honor Killings● Infanticide and Sex-Selective Abortion● Polygyny | <ul style="list-style-type: none">● States of Concern to the International Community● Women ' s Physical Security● Inequity in Family Law● Trafficking● Discrepancy Between Law and Practice● Required Dress Codes● Intermingling in Public● Breastfeeding and Maternal Protection (Europe)● Income Discrepancy (Europe) |
|--|--|

Scale Results

Gov Compliance CEDAW



Incidence of Polygyny



Family Law Equality



Physical Security



Trafficking in Women



Sex Ratios



Reliability and Validity

□ Inter-coder Reliability

- Recruited only the highest social science performers.
- Rigorous 3-month training process.
- 95-100% Reliability score.
- Weekly training and methodology course.
- Data is continuously combed for errors or inaccuracies.

Validity

- Only sources approved by the PI ' s are combed for data.
- No blogs, or wiki sources.
- If validity is questionable it is not approved.
- Full bibliographic data is provided for verification.

Accuracy

- Especially difficult to assess cross-nationally.
 - Does high reported rape mean that there is a significant problem?
 - or high levels of enforcement?
 - or both or neither?
 - Definitions (for example)
 - Is it considered rape if a husband is the perpetrator?
 - Is rape a separate crime, or part of domestic violence & assault?
 - Reporting
 - If the woman does not testify can the State still prosecute on her behalf?
 - What about cultural perception - does the woman even consider it wrong?

Statistics

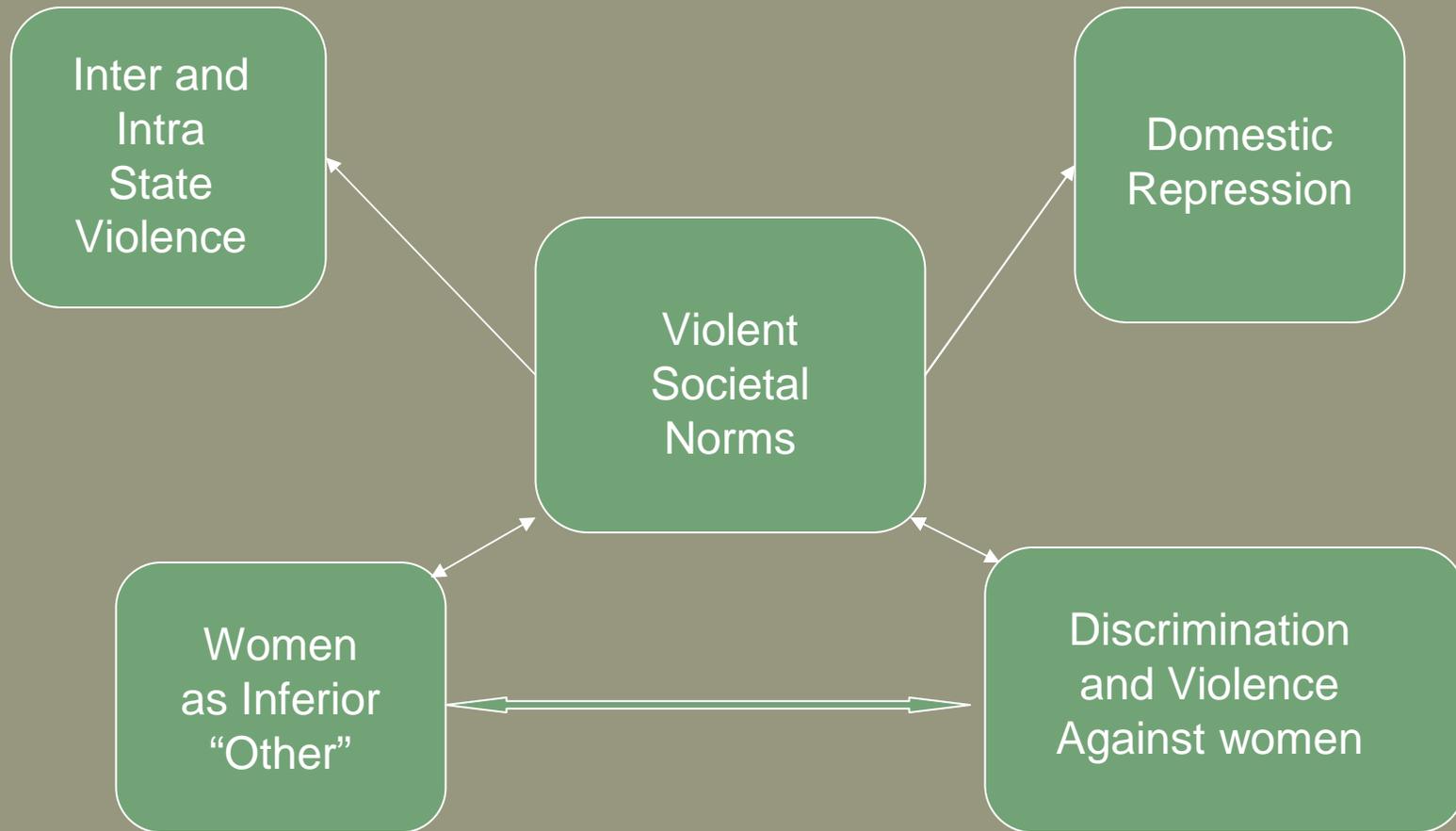
What types of statistical methods are possible?

- The majority of the scales are 5 point ordinal scales.
- Most are normally distributed or can be transformed into a normal distribution

Statistical methods

- Correlation analysis
- Ordinal Logistic Regression
- Multinomial Logistic Regression
- And in a few months - time series analysis.
- Structural Equation Modeling

Theoretical Framework



Published Findings

□ Baker Journal: Women ' s physical security and state violence

- 66% of countries with high levels of physical insecurity for women are also engaged in international conflict (vs 51%)
- 3% will Escalate to war (vs 2.6% for all others)
- 23% will be first to use force (vs. 19%)
- Explains 15% of likelihood of going to war

International Security

- Women ' s Security is inextricably linked to state security.
- More women have died in non-war violence than during active military conflict

Columbia University Press (forthcoming book)

- Sex, War and World Peace: Details of theoretical framework

Journal of Peace Research

- Gender Violence is a better predictor of democracy, wealth and development than GEM, GDI, and CIRI