

REPORT DOCUMENTATION PAGE			Form Approved OMB NO. 0704-0188		
The public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA, 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.					
1. REPORT DATE (DD-MM-YYYY) 27-01-2019		2. REPORT TYPE Final Report		3. DATES COVERED (From - To) 1-Sep-2014 - 31-Aug-2018	
4. TITLE AND SUBTITLE Final Report: Household Formation Systems, Marriage Markets and Society Stability/Resilience			5a. CONTRACT NUMBER W911NF-14-1-0532		
			5b. GRANT NUMBER		
			5c. PROGRAM ELEMENT NUMBER 611103		
6. AUTHORS			5d. PROJECT NUMBER		
			5e. TASK NUMBER		
			5f. WORK UNIT NUMBER		
7. PERFORMING ORGANIZATION NAMES AND ADDRESSES Texas A&M University 400 Harvey Mitchell Pkwy South Suite 300 College Station, TX 77845 -4375			8. PERFORMING ORGANIZATION REPORT NUMBER		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS (ES) U.S. Army Research Office P.O. Box 12211 Research Triangle Park, NC 27709-2211			10. SPONSOR/MONITOR'S ACRONYM(S) ARO		
			11. SPONSOR/MONITOR'S REPORT NUMBER(S) 65987-LS-MRI.20		
12. DISTRIBUTION AVAILABILITY STATEMENT Approved for public release; distribution is unlimited.					
13. SUPPLEMENTARY NOTES The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other documentation.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	15. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON Valerie Hudson
a. REPORT UU	b. ABSTRACT UU	c. THIS PAGE UU			19b. TELEPHONE NUMBER 979-458-0839

RPPR Final Report

as of 28-Jan-2019

Agency Code:

Proposal Number: 65987LSMRI

Agreement Number: W911NF-14-1-0532

INVESTIGATOR(S):

Name: Valerie Hudson
Email: vhudson@tamu.edu
Phone Number: 9794580839
Principal: Y

Organization: **Texas A&M University**

Address: 400 Harvey Mitchell Pkwy South, College Station, TX 778454375

Country: USA

DUNS Number: 020271826

EIN: 746000531

Report Date: 30-Nov-2018

Date Received: 27-Jan-2019

Final Report for Period Beginning 01-Sep-2014 and Ending 31-Aug-2018

Title: Household Formation Systems, Marriage Markets and Society Stability/Resilience

Begin Performance Period: 01-Sep-2014

End Performance Period: 31-Aug-2018

Report Term: 0-Other

Submitted By: Lauren Eason

Email: lauren.eason@womanstats.org

Phone: (770) 365-7342

Distribution Statement: 1-Approved for public release; distribution is unlimited.

STEM Degrees: 1

STEM Participants: 1

Major Goals: Our research project is investigating the linkage between household formation strategies and marriage markets, on the one hand, and national stability and resilience on the other. Our project has two major components: a large-N statistical analysis using the latest data and information, as well as an in-depth case study of West Africa. During the first year, we collected 5,408 new pieces of data added to our existing database, and updated four scales: son preference and sex ratios, practice of child marriage for girls, laws concerning child marriage for girls, and differences between practice and law of child marriage. Each of these scales was also mapped, and those maps are now online. In the second year of the project, we collected 7,681 new pieces of data which were added to the database, and updated eight scales: Legal Restrictions on Abortion, Trafficking of Women, Government Participation by Women, Prevalence and Legality of Cousin Marriage, Prevalence of Patrilocal Marriage, Prevalence and Legal Status of Polygyny, Brideprice/Dowry/Wedding Costs (Type and Prevalence), and the Clan Governance Index, all of which were mapped. During the second year, our co-PI Rebecca Nielsen also spent 6 weeks in West Africa, collecting data for a case study of the effects of polygyny on young male grievance levels. Also during the second year, we developed our theoretical chapters for the final book project. We have also engaged in extensive outreach efforts to make stakeholders aware of our data resources. We have also mentored research projects developed by our student assistants, several of whom have graduated and gone on for graduate work. During the third year of the project, we will be completed all data analysis and started production on a full-length book manuscript. During the fourth and final year of the project, we successfully finished production on the book manuscript.

Accomplishments: Please see attached PDF

RPPR Final Report as of 28-Jan-2019

Training Opportunities: During the 2015-2016 reporting period, we employed 18 undergraduate students at Brigham Young University (BYU) in Provo, Utah and 10 graduate students from Texas A&M University (TAMU) in College Station, Texas. Out of these numbers, we trained six new undergraduate students and five new graduate students to be researchers on this project. We also had ten volunteer interns to help with data research. During the third reporting period, we employed ten undergraduate students at BYU and six graduate students from TAMU. Out of these numbers, we trained three new undergraduate students and three new graduate students to be researchers on this project. During the fourth and final reporting period, we employed twelve undergraduate students at BYU and nine graduate students from TAMU. Out of these numbers, we trained five new undergraduate students and five new graduate students to be researchers on this project. This extensive training process is three months long and each student must achieve 95% intercoder reliability before they are allowed to graduate the training course. We also had three volunteer interns to help with data research. All of our undergraduate and graduate student assistants ("coders") are responsible for using open source resources, including news media, academic journals, books, etc. to find data to support the research efforts of our principal investigators. When we are unavailable to find information on difficult subjects, such as cousin marriage or patrilocality, our coders will interview subject or country matter experts via phone or email in an effort to fill in data gaps. They also upload all of our data into the WomanStats database and make it readily available to our users as soon as they have completed their coding. For scaling purposes, our coders work in teams of two with a principal investigator to evaluate all of the countries in our project and assign them a score according to the appropriate rubric.

RPPR Final Report as of 28-Jan-2019

Results Dissemination: One of the senior associates funded by this project, Lauren Eason, visits government agencies, non-governmental organizations, and academic institutions in the Washington, D.C. area to speak with them about this Minerva Research Award and educate them on how to use the WomanStats Database. All of our raw research data is available to our users as soon as our undergraduate and graduate students upload it into the database. Below are all of the presentations and invited lectures given by our principal investigators during the reporting period:

- Hudson, Valerie M., "Preventing Conflict by Promoting Gender Equality," World Bank Learning Event, Washington, DC, 1 March 2018
- Hudson, Valerie M., "The Case for Women in Peace and Security," Principals' Meeting of the "US Leadership to Advance Women, Peace, and Security" meeting, sponsored by the McCain Institute for International Leadership and Futures Without Violence, 28 February 2018.
- Invited Congressional Testimony, House Foreign Affairs Committee, Subcommittee on Terrorism, Nonproliferation, and Trade, on the subject of Women's role in Countering Terrorism, Washington, DC, 27 February 2018, <https://foreignaffairs.house.gov/hearing/subcommittee-hearing-womens-role-counteringterrorism/> and https://www.youtube.com/watch?v=KtTEDiAtRtA&feature=player_embedded
- Hudson, Valerie M., "The Evolution of the First Political Order," on the panel "Evolution, Sex, and War," sponsored by the Scowcroft Institute of International Affairs, College Station, Texas, 15 February 2018.
- Hudson Valerie M. "The Exclusion of Women from National Security Policy Making," panel on "Women and War" sponsored by Woodrow Wilson Center, Washington, DC, 25 January 2018, <https://www.wilsoncenter.org/event/women-and-war-securing-more-peaceful-future>
- Hudson, Valerie M., "Theorizing Gender and Politics," at the "Masculinities and Politics," roundtable sponsored by Promundo and the National Democratic Institute, 25 January 2018
- Hudson, Valerie M., "The First Political Order and Its Effects on National Security," Strategic Multilayer Assessment Community, sponsored by the U.S. Department of Defense, 21 December 2017 (virtual conference)
- Hudson Valerie M., "The First Political Order: Sex, Governance, and National Security," The Baha'i Chair for World Peace Annual Lecture, University of Maryland, College Park, 21 September 2017.
- Hudson, Valerie M., "Women and National Security," virtual lecture in Professional Course "Women and National Security: The Essentials," National Security College, Australian National University, 19 September 2017
- Hudson, Valerie M., Donna Lee Bowen, Perpetua Lynne Nielsen, "Marriage Systems, Political Order, and National Stability: Some Preliminary Findings," paper presented at the International Studies Association annual conference, Baltimore, Maryland 17-22 February 2017
- Hudson, Valerie M., "Women and National Security," Department of Politics and International Relations, The University of Tasmania, Hobart, Tasmania, May 24, 2017
- Hudson, Valerie M., "The First Political Order, and The WomanStats Database," Global Leadership Program Mixed Colloquium, Macquarie University, Sydney, Australia, May 10, 2017
- Hudson, Valerie M., "Women and National Security," Global Leadership Program Foreign Affairs Series Lecture, Macquarie University, Sydney, Australia, May 10, 2017
- Hudson, Valerie M., "Women and National Security," The Graduate Centre in Governance and International Affairs, The University of Queensland, St. Lucia Campus, Brisbane, Australia, 3 May 2017
- Hudson, Valerie M., "The First Political Order," Department of Government and International Relations, University of Sydney, Sydney Australia, 27 April 2017.
- Hudson, Valerie M., "The First Political Order," Department of International Relations, Australian National University, Canberra, Australia, 18 April 2017.
- Hudson, Valerie M. "Women and National Security, keynote address to the Women and National Security conference, sponsored by the National Security College at the Crawford School of Public Policy, Australian National University, Canberra, Australia, 4-5 April, 2017.
- Invited Speaker, Texas Women's University, "Women, Peace, and Security," Denton, Texas, 19 October 2016
- Hudson, Valerie M. "Household Formation Systems, Marriage Market Obstruction, and National Stability/Resilience," annual meeting of the Minerva Initiative, Washington, DC, 14-15 September 2016
- Invited Speaker, US Institute of Peace and Women in International Security, "Missing Peace: Young Scholars Network Workshop," Washington, DC, 15 June 2016
- Invited Keynote Speaker, Naval War College conference on "Critical Themes and Perspectives in Global Security," Newport News, Rhode Island, 16 May 2016
- Invited Speaker, Futures Without Violence, symposium on "Minds Combine: Linking the Security of Women to the Security of States," Washington, DC, 27 April 2016
- Invited Keynote Speaker, US State Department INR, the National Intelligence Council, and the US Institute of Peace, conference on "Global Trends for Gender," Washington, DC, April 14, 2016

RPPR Final Report

as of 28-Jan-2019

- Guest Lecturer, "Clan Governance and National Stability," Department of Political Science, Duke University, 1 April 2016
- Invited Participant, "Changing Kinship Structures in China," IHS and ONA (DoD), Washington, DC (via Skype), 2 April 2016
- Hudson, Valerie M., Donna Lee Bowen, Perpetua Lynne Nielsen, "Marriage Systems, Political Order, and National Stability," paper presented at the International Studies Association annual conference, Atlanta, Georgia, 16-19 March 2016
- Den Boer, Andrea and Valerie M. Hudson, "Sex Ratios and Crime in India," paper presented at the International Studies Association annual conference, Atlanta, Georgia, 16-19 March 2016
- Invited Lecture, "Women and American Foreign Policy," Rhodes College, Memphis, Tennessee, 1 October 2015.
- Opening Keynote and Organizer of Conference, "National Security and Women's Insecurity: Why Women Matter in Foreign Policy," College Station, Texas, 11 September 2015
- Invited lecture, "Women and National Security," University of California-Irvine, January 14, 2016
- Invited participant, "Strategic Foresight Initiative: Demographic Trends Shaping the Future," The Atlantic Council, Washington, DC (virtual attendance), December 16, 2015

Honors and Awards: Dr. Valerie Hudson received Distinguished Scholar Award for the Foreign Policy Analysis Section of the International Studies Association in March 2015. She was also awarded an Andrew Carnegie Fellowship in 2015. Dr. Donna Lee Bowen received a Family Home and Social Science Research Award for \$6000 and a Women's Research Award for \$5000 from Brigham Young University (BYU). She was also named the 2014-2015 Humanities Fellow for the BYU College of Humanities. Rebecca Nielsen received a 2 year Visiting Instructorship from Texas A&M University, beginning September 2015. Dr. Valerie Hudson received a Fulbright Distinguished Chair in the Humanities, Art, and Social Sciences from The Australian National University for January – June 2017. She also received \$50,000 from the Compton Foundation and the Bush Foundation Award for International Research by Faculty at Texas A&M University. In May 2016, Dr. Rebecca Nielsen received her Doctorate degree in Political Science from Yale University. She graduated with distinction. In September 2016, Dr. Valerie Hudson received a \$100,000 grant from the Compton Foundation. Dr. Donna Lee Bowen gave the convocation speech for her college at BYU in August 2017. In May 2018, Dr. Valerie Hudson received the Silver Star Faculty Award from the Bush School of Government and Public Service at Texas A&M University. She also received the Distinguished Service Award from the LDS International Society in March 2018.

Protocol Activity Status:

RPPR Final Report as of 28-Jan-2019

Technology Transfer: During the 2015-2016 period, we were able to use project funding to make several upgrades and/or modifications to the WomanStats database website in an effort to improve accessibility for all of our users. We added a “shopping cart” feature, which allows users to populate variables into our “View Data Screen” directly from our codebook. We added a function that would allow users to transpose the “View Data Screen”. Our biggest addition is our online Map Creator. It allows users to use our scales to create their own map with a color scheme of their choosing and download it as a png or jpg. During the third reporting period, we were able to use project funding to make several upgrades and/or modifications to the WomanStats database website in an effort to improve accessibility for all of our users. We added an “Archives” section page to our website to allow visitors and users to view all of our past newsletters. Using the new “Hover” feature, users can obtain an abbreviated summary of the variable description when viewing variables in the drop down menu of the “View Data Screen”. Also, our new “Transpose” functions enable users to switch the column and row headings; a feature that allows them to customize their data viewing experience. During the fourth and final reporting period, we were able to use project funding to make two important upgrades to the WomanStats database website in an effort to improve accessibility for all of our users. We began testing and implementing a beta version of a “Regional Mapping Function”, which would allow our users to create versions of our scales based upon regions or country selections of their choices. They would also be able to color coordinate the map according to their own preferences and download a high-resolution version of the map with a WomanStats watermark. We also added the “Aging Data Report”, which allows us to check what country/variable combinations we have not added data for over a specified time period. This function tells us how old some of the data in our database is and for which country/variable combinations we need to seek new data.

Our internal reports reveal that we have users from across the world who access and download our database. These countries include France, Denmark, Brazil, Canada, Sweden, Australia and China. Some of these users include policy advisors and senior officials from the United States Department of State, United States Agency for International Development (USAID), the United Nations Development Programme (UNDP), the World Bank, the RAND Corporation, the Millennium Challenge Corporation (MCC) and the Council on Foreign Relations. They are professors and researchers at universities such as Georgetown University, Harvard University, Columbia University, Tulane University, and Stanford University. Our data is useful for practitioners at non-governmental and non-profit organizations such as ProMujer, the Institute for Inclusive Security, Habitat for Humanity, the Walk Free Foundation, Jhpiego and the Clinton Foundation.

- Hudson, Valerie M., “Women and National Security,” Operational Gender Advisor Course (Pilot), The Australian Defence Forces Joint Operational Command, Canberra, Australia, June 5, 2017
 - Hudson, Valerie M., “Women and National Security,” Office for Women of the Australian Government, Canberra, Australia, June 2, 2017
 - Panelist, Valerie M. Hudson, “Unconventional Security Challenges: Gender and Crime,” The Perth USAsia Centre, Perth, Australia, May 30, 2017
 - Hudson, Valerie M., “Sex Ratios and National Security in Asia,” The Perth USAsia Centre, Perth, Australia, May 29, 2017
 - Hudson, Valerie M., “Women and National Security,” The Perth USAsia Centre, Perth, Australia, May 29, 2017
 - Hudson, Valerie M., “Women and National Security,” The Australian Defence Ministry, Canberra, Australia, May 19, 2017
 - Hudson, Valerie M., interviewed by The Strategist, The Australian Strategic Policy Institute, Canberra, Australia, May 17, 2017
 - Hudson, Valerie M., “Women and National Security: Foundational Evidence, The First Political Order, and The WomanStats Database,” The Australian Strategic Policy Institute, Canberra, Australia, May 17, 2017
 - Hudson, Valerie M., “Women and National Security,” Office of Prime Minister and Cabinet, Canberra Australia, May 8, 2017
- <http://www.abc.net.au/radionational/programs/latenightlive/valerie-hudson/8420846>
- Interviewee, Late Night Live with Phillip Adams, “Sex and World Peace,” ABC Radio News, Australia, 6 April 2017
 - Invited Speaker, Valerie M. Hudson, US Institute of Peace and Women in International Security, “Missing Peace: Young Scholars Network Workshop,” Washington, DC, 15 June 2016
 - Invited Speaker, Valerie M. Hudson, Futures Without Violence, symposium on “Minds Combine: Linking the Security of Women to the Security of States,” Washington, DC, 27 April 2016
 - Invited Keynote Speaker, Valerie M. Hudson, US State Department INR, the National Intelligence Council, and the US Institute of Peace, conference on “Global Trends for Gender,” Washington, DC, April 14, 2016
 - Invited Participant, Valerie M. Hudson, “Changing Kinship Structures in China,” IHS and ONA (DoD), Washington, DC (via Skype), 2 April 2016

RPPR Final Report
as of 28-Jan-2019

PARTICIPANTS:

Participant Type: Other Professional

Participant: Arielle Badger-Newman

Person Months Worked: 15.00

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Funding Support:

Participant Type: Other Professional

Participant: Lauren Eason

Person Months Worked: 15.00

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Funding Support:

Participant Type: Co PD/PI

Participant: Valerie Hudson

Person Months Worked: 5.00

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Funding Support:

Participant Type: Co PD/PI

Participant: Rebecca Nielsen

Person Months Worked: 4.00

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Funding Support:

Participant Type: Co PD/PI

Participant: Perpetua Lynne Nielsen

Person Months Worked: 3.00

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Funding Support:

Participant Type: Co PD/PI

Participant: Donna Lee Bowen

Person Months Worked: 3.00

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Funding Support:

RPPR Final Report
as of 28-Jan-2019

Other Collaborators:

Participant Type: Other Professional

Participant: Natalie Wright Romeri-Lewis

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Ashley Nelson

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Amanda Dick

Person Months Worked: 4.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Mikayla Hall

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Carla Pereira

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Rainie Spiva

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

RPPR Final Report
as of 28-Jan-2019

National Academy Member: N
Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Olivia Ronna

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Olivia Ronna

Person Months Worked: 4.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Rachel Hoorwitz

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Alaina Garrett

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Gretchen Koeritzer

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Laura Short

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

RPPR Final Report
as of 28-Jan-2019

International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Kiana Stewart

Person Months Worked: 5.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Joseph Cassler

Person Months Worked: 12.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Emmalene Beckstead

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: McKinzie Davis

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Laurie Batschi

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Myrtle Dalumpines

Person Months Worked: 15.00

Funding Support:

Project Contribution:

RPPR Final Report
as of 28-Jan-2019

International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Bailey Lubeck

Person Months Worked: 15.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Sarah Ludwick

Person Months Worked: 15.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Victoria Fox

Person Months Worked: 10.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Margaret Melville

Person Months Worked: 8.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Elvira Correa

Person Months Worked: 15.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: William Glad

Person Months Worked: 15.00

Funding Support:

RPPR Final Report
as of 28-Jan-2019

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Heartlee Harman

Person Months Worked: 14.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Kayla McGill nee Weisler

Person Months Worked: 15.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Kayla McGill nee Weisler

Person Months Worked: 15.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Rachel Playstead

Person Months Worked: 15.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Adena Moulton

Person Months Worked: 15.00

Funding Support:

Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:

Participant Type: Undergraduate Student

Participant: Hailey Jensen

RPPR Final Report
as of 28-Jan-2019

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Savanna Jones

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Megan Lamberth

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Hannah Stagg

Person Months Worked: 12.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Hannah Stagg

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Hannah Stagg

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

RPPR Final Report
as of 28-Jan-2019

Participant: Ashley Lovell

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Ashley Lovell

Person Months Worked: 15.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Tessa Pennington

Person Months Worked: 12.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Annika Burton

Person Months Worked: 2.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Lindsey Collett

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Marita Jimenez

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

RPPR Final Report
as of 28-Jan-2019

Participant Type: Graduate Student (research assistant)

Participant: Meghan Blizinski

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Emily Jensen

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Ashley Alley

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Katherine Munk

Person Months Worked: 5.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Brynne Townley

Person Months Worked: 3.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Graduate Student (research assistant)

Participant: Philip Barone

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

RPPR Final Report
as of 28-Jan-2019

Participant Type: Undergraduate Student

Participant: Caroline Black

Person Months Worked: 4.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Megan Graham

Person Months Worked: 4.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Samantha Hawkins

Person Months Worked: 1.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Melissa Tingey

Person Months Worked: 5.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Natalia Myrrha

Person Months Worked: 10.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Nathan Bean

Person Months Worked: 2.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

RPPR Final Report
as of 28-Jan-2019

Participant Type: Undergraduate Student

Participant: Aubriana Wolferts

Person Months Worked: 2.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

Participant Type: Undergraduate Student

Participant: Abigail Gunn

Person Months Worked: 1.00

Funding Support:

Project Contribution:

International Collaboration:

International Travel:

National Academy Member: N

Other Collaborators:

ARTICLES:

Publication Type: Journal Article

Peer Reviewed: Y

Publication Status: 1-Published

Journal: International Security

Publication Identifier Type: DOI

Publication Identifier: 10.1162/ISEC_a_00289

Volume: 42 Issue: 1

First Page #: 7

Date Submitted:

Date Published: 7/1/17 8:00AM

Publication Location:

Article Title: In Plain Sight: The Neglected Linkage between Brideprice and Violent Conflict

Authors: Valerie M. Hudson, Hilary Matfess

Keywords: brideprice, dowry, women, gender, terrorism, rebel groups, violent conflict, marriage markets, stability, marriage

Abstract: Approximately seventy-five percent of the world's population lives in countries where asset exchange upon marriage is obligatory. Rising brideprice—money or gifts provided to a woman's family by the groom and his family as part of marriage arrangements—is a common if overlooked catalyst of violent conflict. In patrilineal (and some matrilineal) societies where brideprice is practiced, a man's social status is directly connected to his marital status. Brideprice acts as a flat tax that is prone to sudden and swift increases. As a result, rising brideprice can create serious marriage market distortions that prevent young men, especially those who are poor or otherwise marginalized, from marrying. This phenomenon is especially evident in polygamous societies, where wealthy men can afford more than one bride. These distortions incentivize extra-legal asset accumulation, whether through ad hoc raiding or organized violence. In such situations, rebel and terror groups may offer to pay bridep

Distribution Statement: 2-Distribution Limited to U.S. Government agencies only; report contains proprietary info
Acknowledged Federal Support: Y

BOOKS:

Publication Type: Book

Peer Reviewed: Y

Publication Status: 4-Under Review

Publication Identifier Type:

Publication Identifier:

Book Edition: Volume:

Publication Year:

Date Received: 30-Aug-2018

Publication Location:

Publisher: Unknown

Book Title: The First Political Order: Sex, Governance, and National Security

Authors: Valerie M. Hudson, Donna Lee Bowen, Perpetua Lynne Nielsen

Editor:

RPPR Final Report
as of 28-Jan-2019

Acknowledged Federal Support: Y

CONFERENCE PAPERS:

Publication Type: Conference Paper or Presentation **Publication Status:** 0-Other
Conference Name: International Studies Association
Date Received: 19-Aug-2016 Conference Date: 16-Mar-2016 Date Published: 19-Aug-2016
Conference Location: Atlanta, Georgia
Paper Title: Marriage Systems, Political Order, and National Stability
Authors: Valerie Hudson, Donna Lee Bowen, Perpetua Lynne Nielsen
Acknowledged Federal Support: Y

Publication Type: Conference Paper or Presentation **Publication Status:** 0-Other
Conference Name: International Studies Association
Date Received: 19-Aug-2016 Conference Date: 16-Mar-2016 Date Published: 19-Aug-2016
Conference Location: Atlanta, Georgia
Paper Title: Crime and Sex Ratios in India
Authors: Valerie Hudson, Andrea Den Boer
Acknowledged Federal Support: Y

Publication Type: Conference Paper or Presentation **Publication Status:** 4-Under Review
Conference Name: International Studies Association
Date Received: Conference Date: 24-Feb-2017 Date Published: 24-Feb-2017
Conference Location: Baltimore, MD
Paper Title: Marriage Systems, Political Order, and National Stability: Some Preliminary Findings
Authors: Valerie Hudson, Donna Lee Bowen, Perpetua Lynne Nielsen, Rebecca Nielsen
Acknowledged Federal Support: Y

WEBSITES:

URL: <https://opendemocracy.net/5050/valerie-hudson/gender-lenses-and-refugee-assistance>
Date Received: 19-Aug-2016
Title: Gender lenses and refugee assistance
Description: Article by Valerie Hudson in Open Democracy 50.50 discussing how our assistance policies and programs would be more effective if we take into account the priorities and concerns of women.
URL: <http://www.politico.com/magazine/story/2016/01/europe-refugees-migrant-crisis-men-213500>
Date Received: 19-Aug-2016
Title: Europe's Man Problem
Description: An article in Politico Magazine by Valerie Hudson discussing on how sex ratios have become abnormally skewed due to the plight of refugees from conflict areas such as Syria.
URL: <http://m.gp.se/nyheter/debatt/1.2961141-abnorma-antalet-unga-man-ett-problem-for-sverige>
Date Received: 19-Aug-2016
Title: Abnorma antalet unga män ett problem för Sverige
Description: An article published in a Swedish newspaper by Valerie Hudson focusing on the skewed sex ratios in Sweden and the ensuing problems it can cause.

RPPR Final Report
as of 28-Jan-2019

Scientific Progress and Accomplishments

2018 Interim Progress Report

Household Formation Systems, Marriage Markets and Society Stability/Resilience

This report is provided as a supplement to the Interim Progress Report already submitted into the ARO reporting system. The maps, infographics, and quantitative information on data collected contained within were created with funds granted under the Household Formation Systems, Marriage Markets, and Societal Stability/Resilience Minerva Research Award.

NEW DATA COLLECTED

Our **practice** variables seek to capture “reality” on the ground; that is, actual practices, customs, norms, and lived experiences. Our **law** variables examine law on the books as well as fairly codified customary law. Both of these variables are qualitative information. Our **prevalence** (data) variables hold information about the relative prevalence of particular phenomena, whether this information is quantitative, semi-quantitative, or qualitative.

From September 1, 2014 to July 31, 2018, our team of undergraduate and graduate researchers collected **19,313** pieces of data on the following variables related to this Minerva Project. Listed next to each variable is the exact number of data points collected during the reporting period.

VARIABLE	NEW DATA COLLECTED FROM 9/1/2014 TO 7/31/2016	NEW DATA COLLECTED FROM 8/1/2016 TO 7/31/2017	NEW DATA COLLECTED FROM 8/1/2017 TO 7/31/2018	TOTAL DATA COLLECTED FROM 9/1/2014 TO 7/31/2018
Abortion	500	78	62	640
Access to/Feasibility of Divorce	3,539	872	133	4,544
Age at First Marriage	1,650	577	362	2,589
Bride Price/Dowry	509	25	44	578
Cousin Marriage	256	4	8	268
Division of Assets in Divorce	215	304	18	537
Forced Marriage	696	242	181	1,119
Inheritance as Daughter	335	474	65	874
Inheritance as Wife	828	499	70	1,397
Land Ownership for Women	1,112	818	304	2,234
Marital Rape	1,079	283	178	1,541
Polygyny	1,137	169	150	1,456
Sex Ratios/Sex Age Population Structure	1,472	37	28	1,537
TOTALS	13,328	4,382	1,603	19,313

SCALES

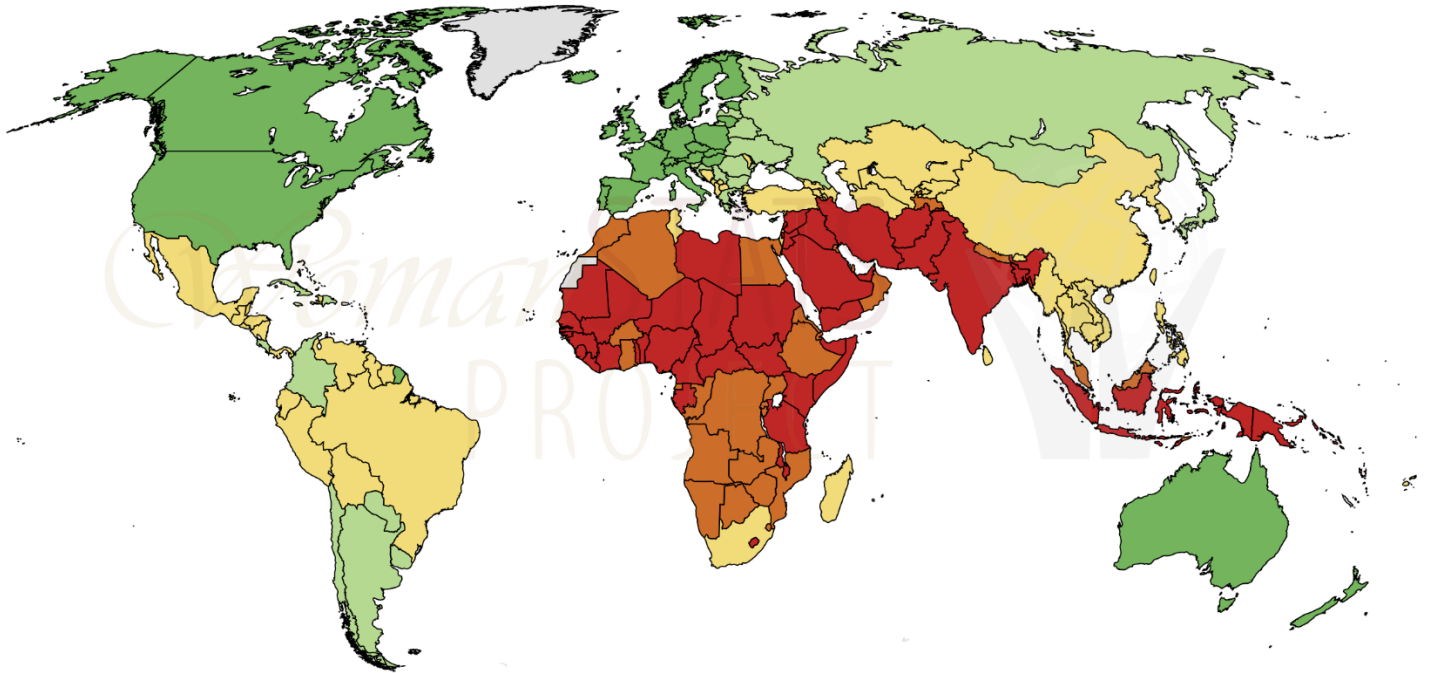
Our **scale** variables are ordinal in nature, and may be univariate or multivariate. Since much of our database's information is qualitative, these ordinal scales permit comparison across countries that might otherwise be difficult to effect. In the chart below, the number of countries evaluated for each scale updated during the reporting period is listed to show the extensiveness of our scaling process. We have also provided copies of the scale maps, which are also available on the WomanStats website.

SCALE	NUMBER OF COUNTRIES EVALUATED
Son Preference/Sex Ratio	175
Practice of Child Marriage for Girls	173
Laws Concerning Child Marriage for Girls	174
Child Marriage Practice and Law	173
Polygyny	176
Bride Price/Dowry	176
Patrilocality	176
Cousin Marriage	172
Government Participation in Women	176
Rape/Sexual Assault	175
Femicide	174
Inheritance and Property Rights for Women	176
Women's Mobility in Public	173
Inequity in Family Law	176
Total	2,445

SCALE MAPS

Patrilineality/Fraternity Syndrome Scale

Scaled 2017

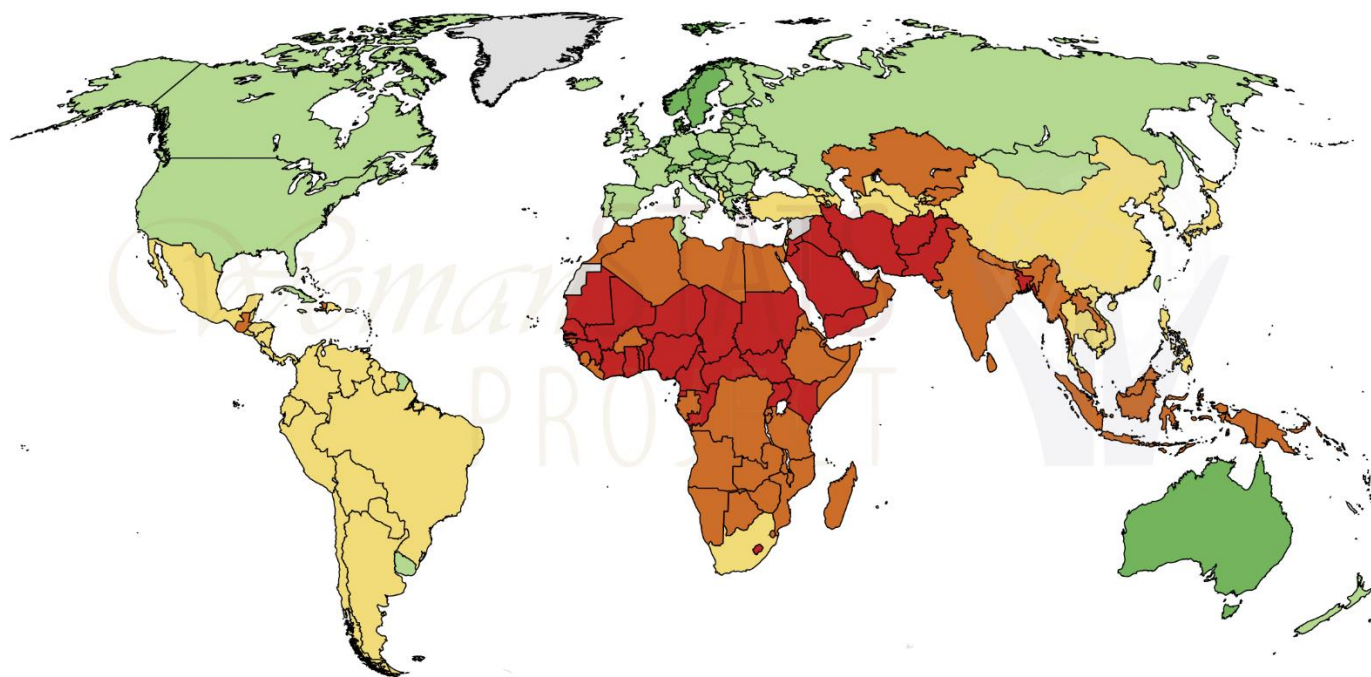


MULTIVAR-SCALE-6
Data The WomanStats Project
<http://womanstats.org>

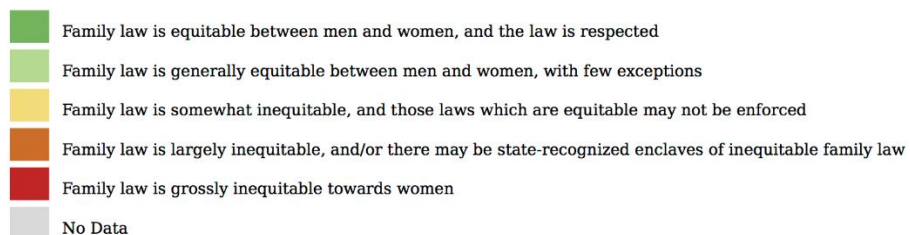
-  Syndrome is not present (0-2)
-  Syndrome legacy discernible, but not normative (3-5)
-  Syndrome present, but somewhat mitigated (6-9)
-  Syndrome present, hardly mitigated (10-12)
-  Syndrome dominates the society (13-16)
-  No Data

Inequity in Family Law/Practice

Scaled 2016

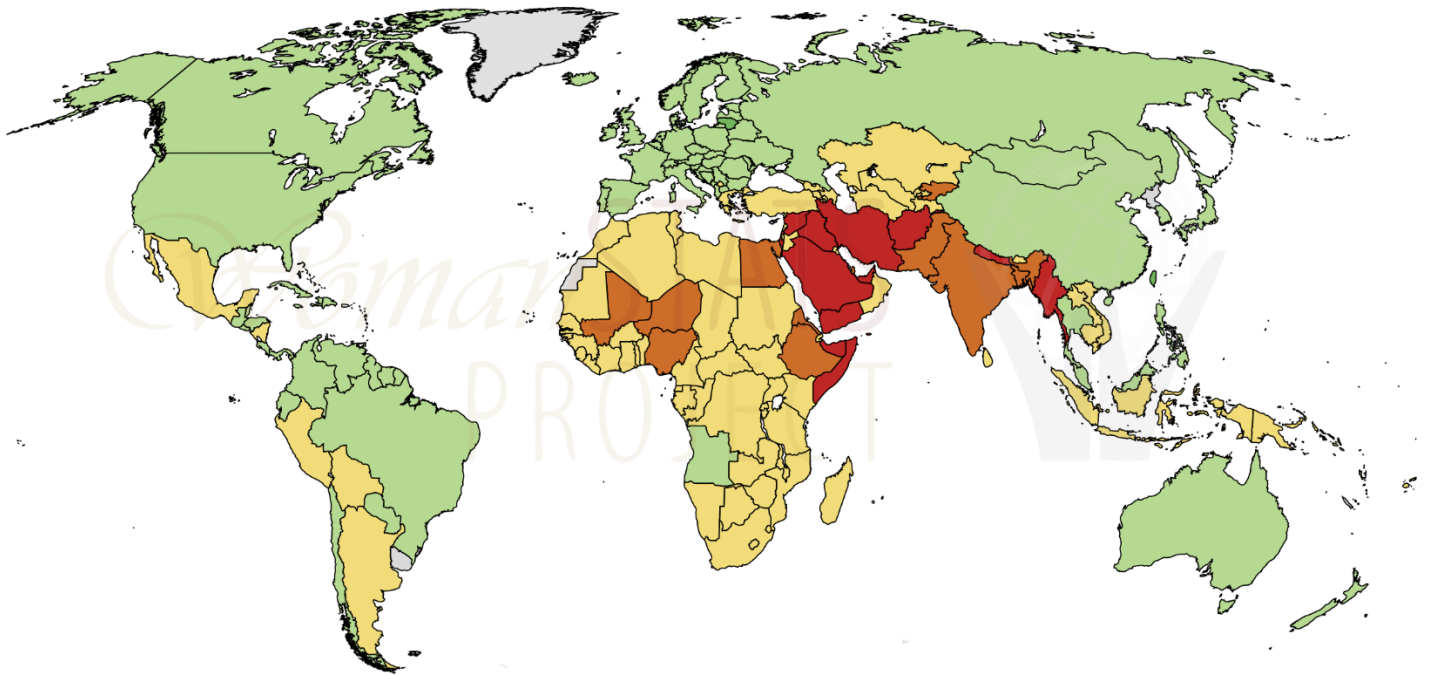


MULTIVAR-SCALE-3
Data The WomanStats Project
<http://womanstats.org>



Women's Mobility Scale

Scaled 2017



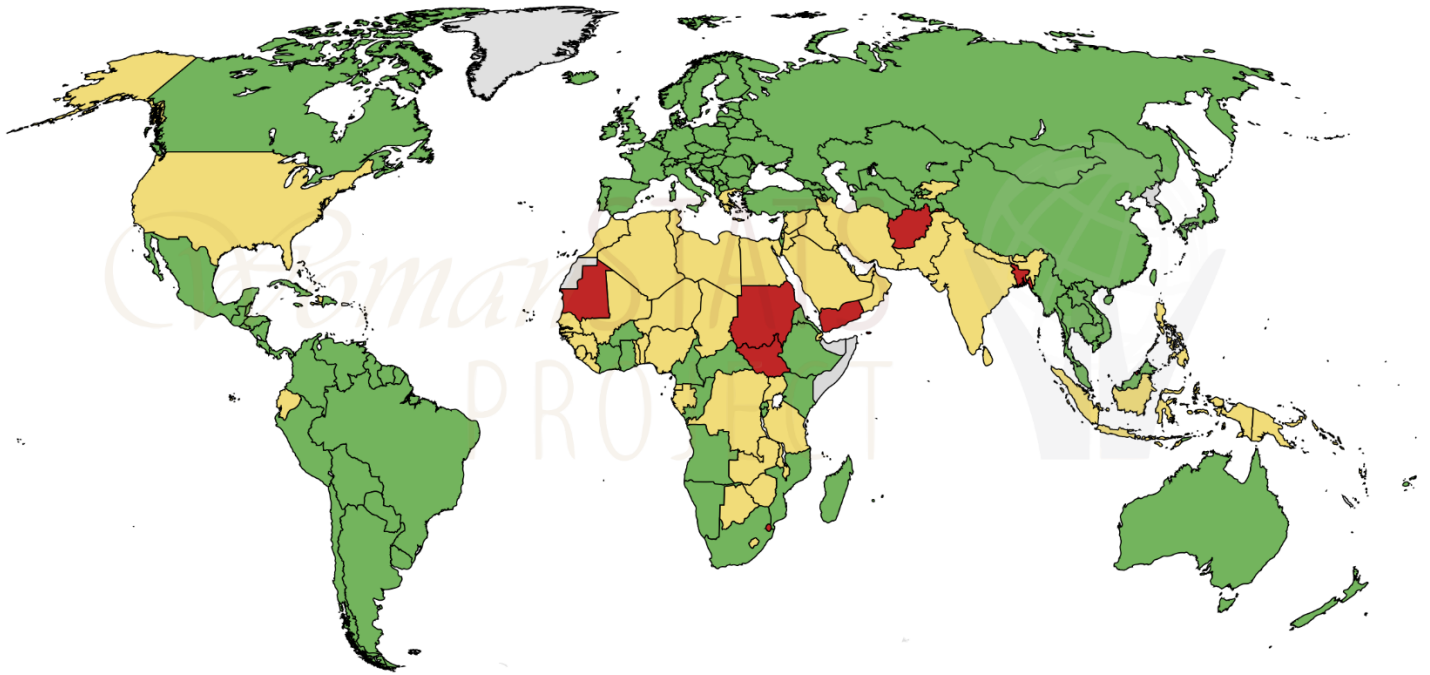
IIP-SCALE-1

Data The WomanStats Project
<http://womanstats.org>

- Women have full freedom of movement in public spaces with little harassment
- Women are typically harassed when in public spaces
- Women often need permission from their family to enter public spaces
- Women often need male escorts to move in public spaces
- Government law regulates women's movement in public spaces
- No Data

Laws Concerning Property Rights for Women

Scaled 2017



LO-SCALE-2

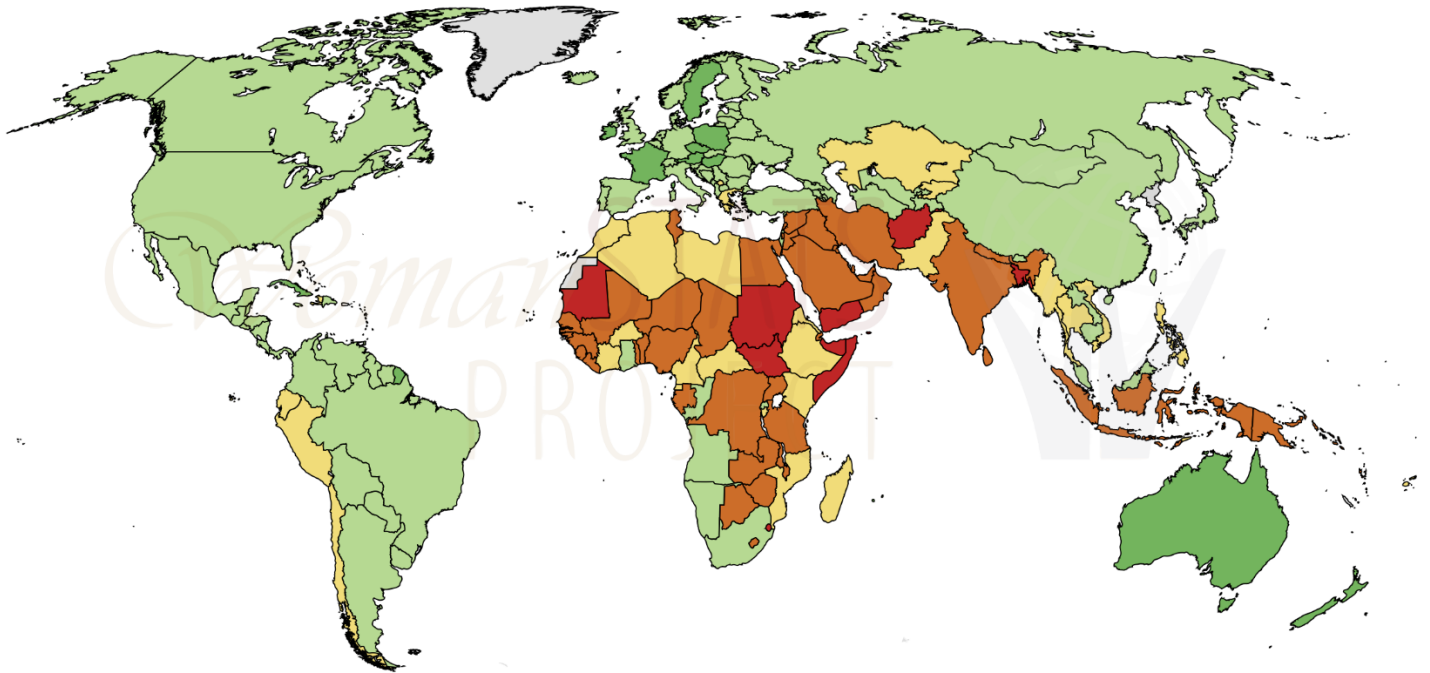
Data The WomanStats Project

<http://womanstats.org>

- In codified law, women face virtually no discrimination in regards to property rights
- In codified law, women face some discrimination in regards to property rights
- In codified law, women face significant discrimination in regards to property rights
- No Data

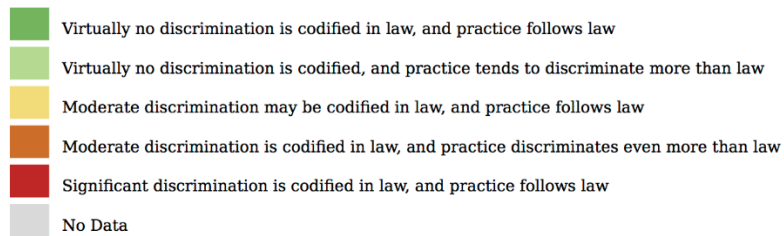
Property Rights in Law and Practice for Women

Scaled 2017



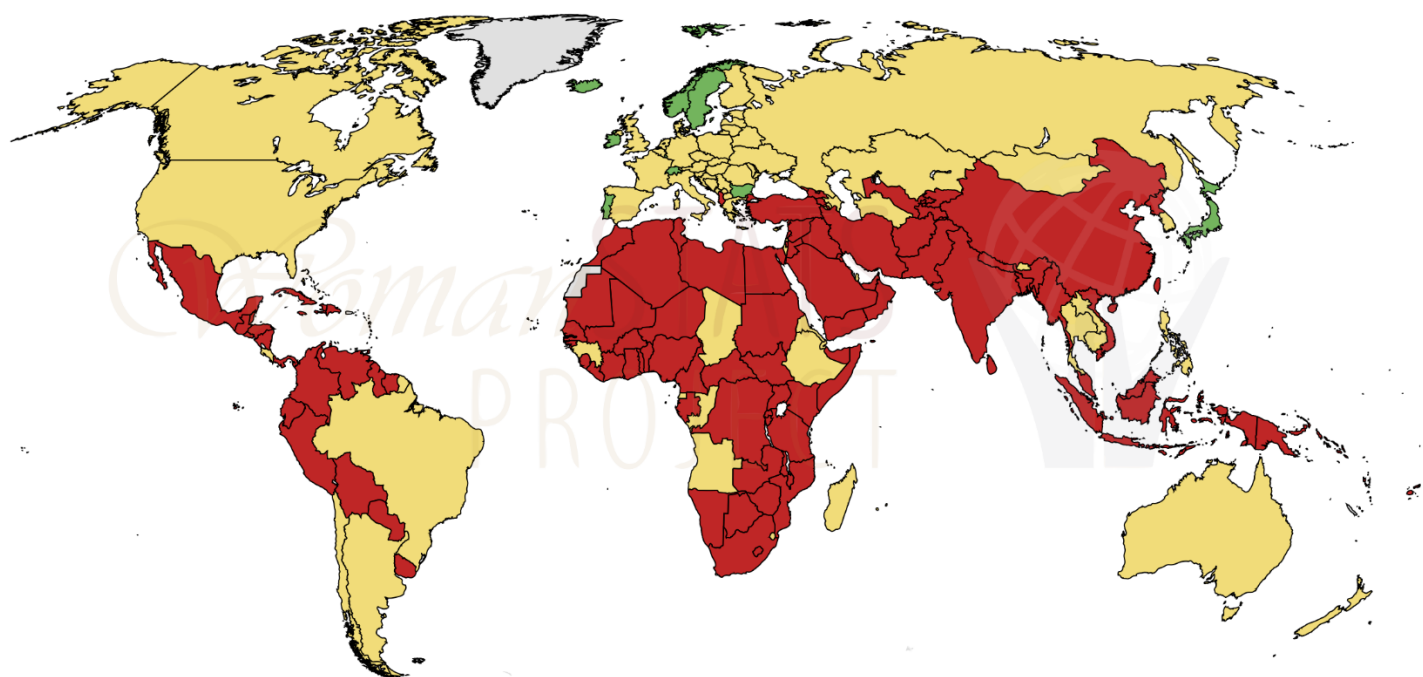
LO-SCALE-3

Data The WomanStats Project
<http://womanstats.org>



Societal Sanction for the Murder of Women/Femicide

Scaled 2016

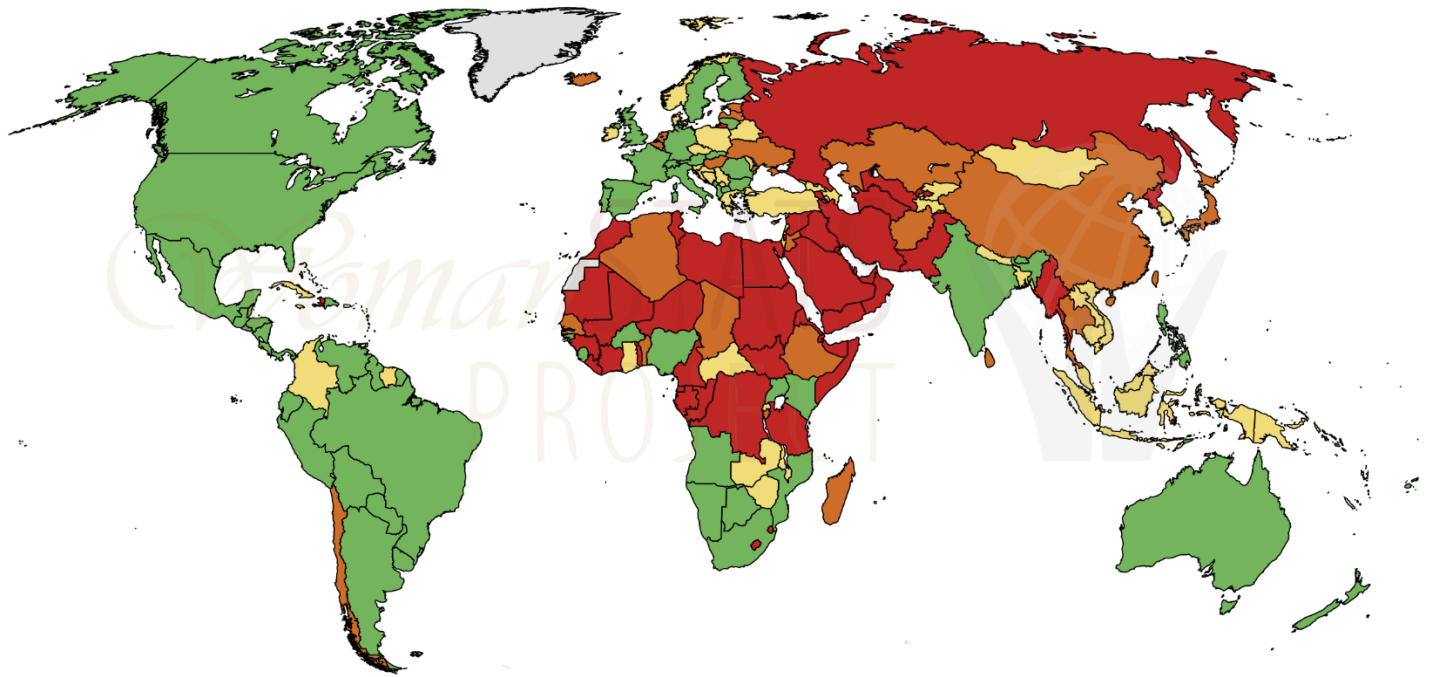


MURDER-SCALE-1
Data The WomanStats Project
<http://womanstats.org>

- No societal sanction for the murder of women
- Limited societal sanction for the murder of women
- Considerable societal sanction for the murder of women
- No Data

Comprehensiveness of Domestic Violence Law

Scaled 2017

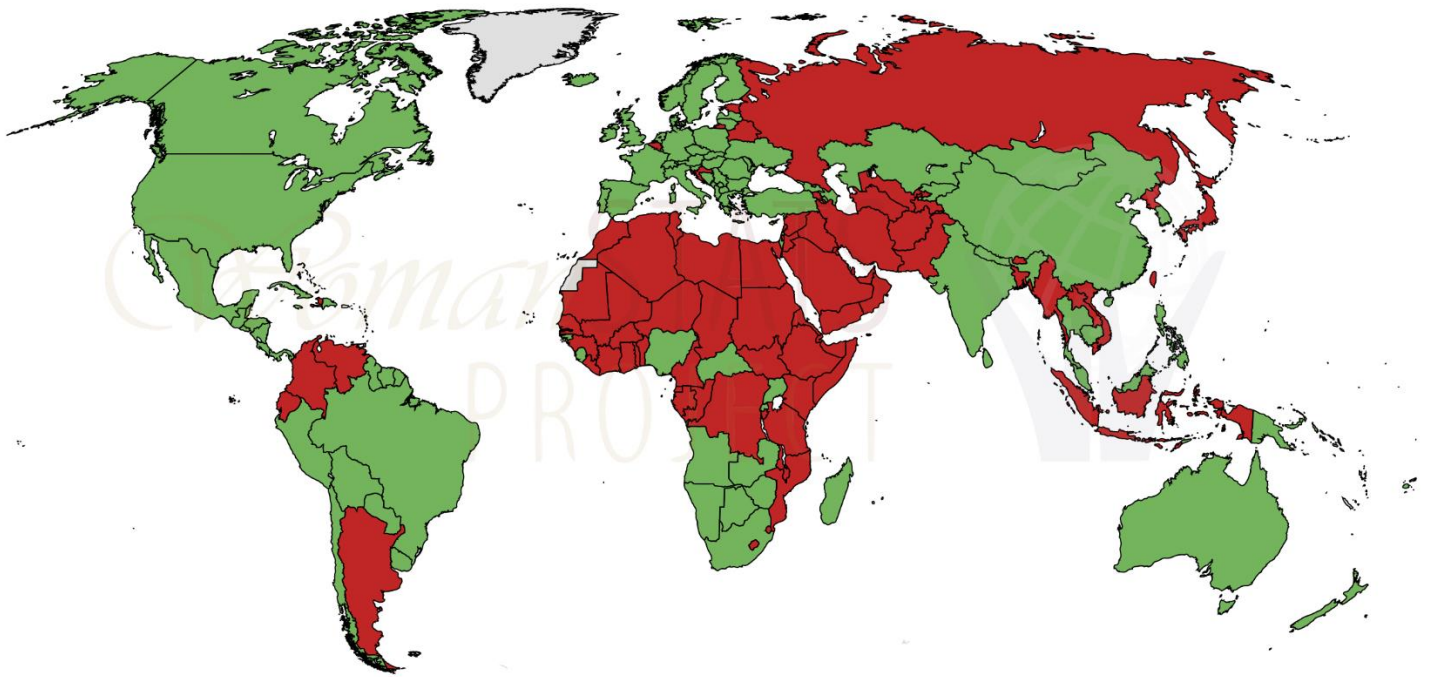


DV-SCALE-2
Data The WomanStats Project
<http://womanstats.org>

- Domestic violence law is adequately comprehensive
- Domestic violence law is somewhat deficient in comprehensiveness
- Domestic violence law is deficient in its comprehensiveness
- There is no law against domestic violence
- No Data

Evidence Required Under Domestic Violence Law

Scaled 2017

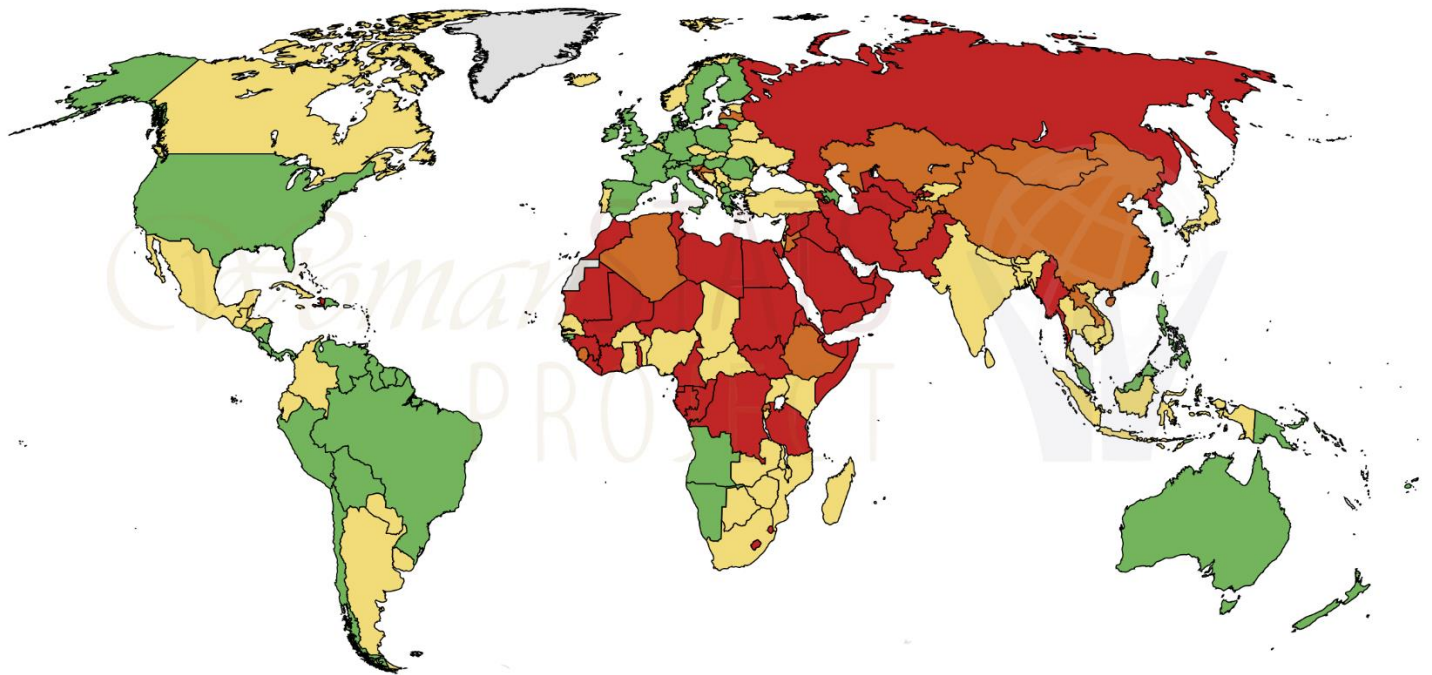


- Evidence required is reasonable
- Evidence required is unreasonable or there is no law against domestic violence
- No Data

DV-SCALE-3
Data The WomanStats Project
<http://womanstats.org>

Adequacy of Penalties and Protections Under Domestic Violence Law

Scaled 2017



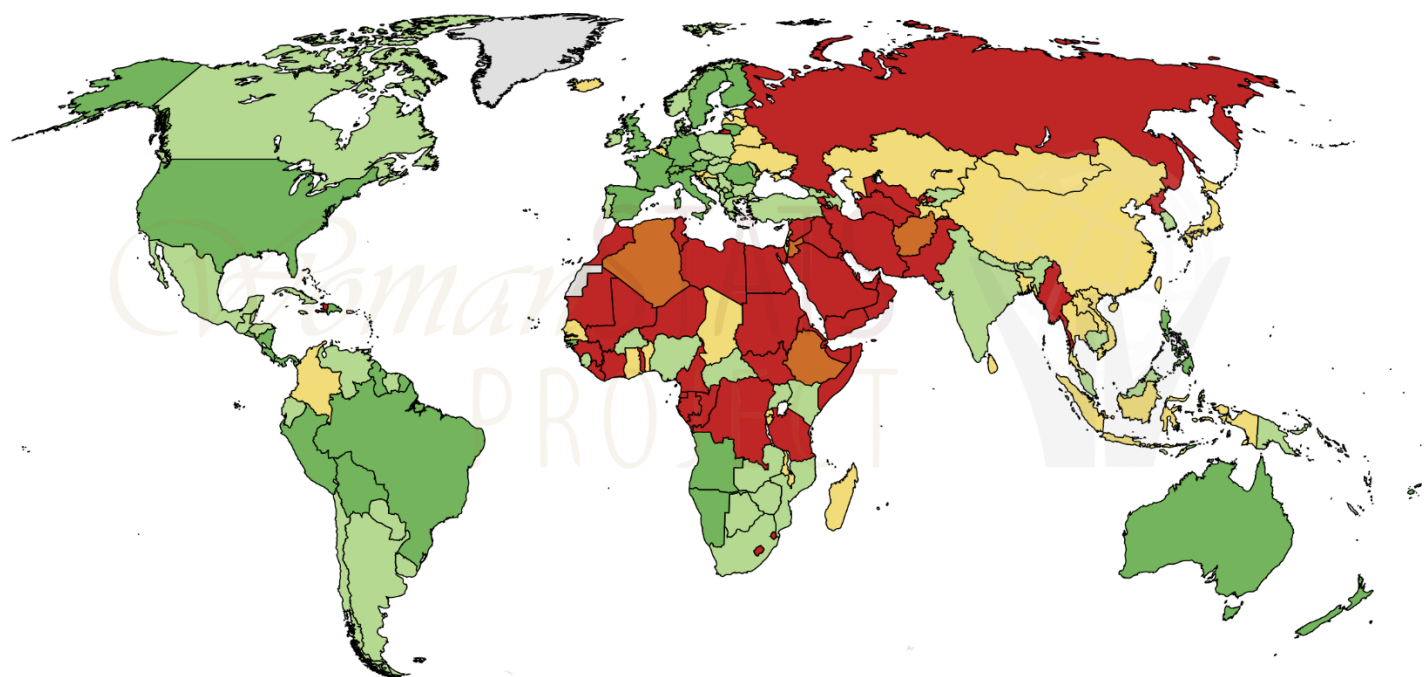
DV-SCALE-4

Data The WomanStats Project
<http://womanstats.org>

- Domestic violence law has adequate penalties and protections
- Domestic violence law has somewhat inadequate penalties and protections
- Domestic violence law has very inadequate penalties and protections
- No penalties or protections for domestic violence
- No Data

Overall Adequacy of Domestic Violence Law

Scaled 2017



DV-SCALE-5

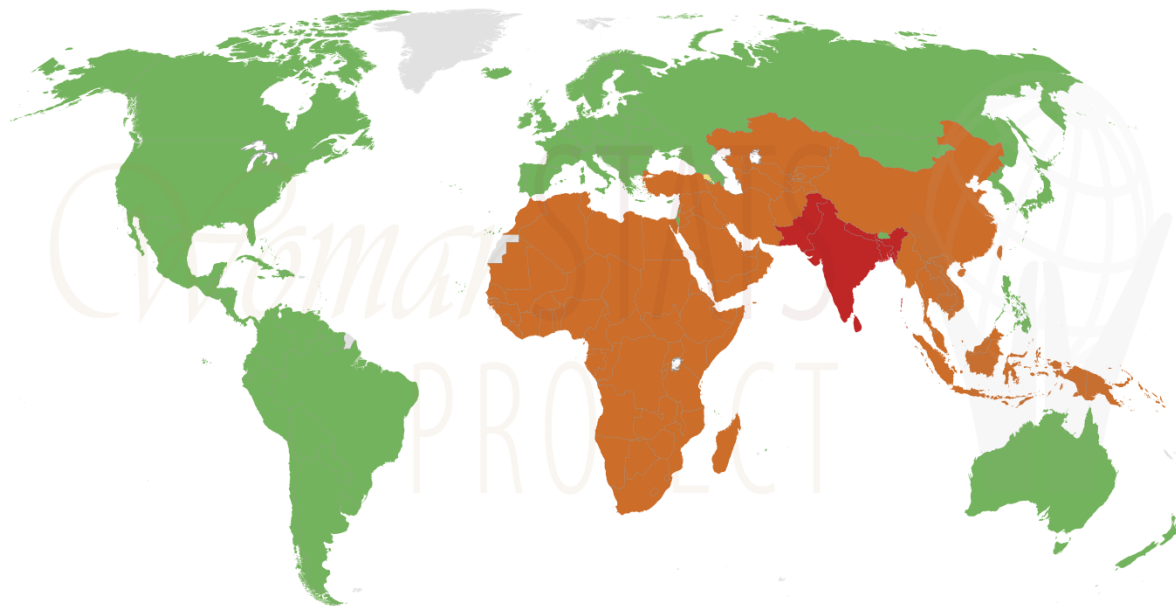
Data The WomanStats Project

<http://womanstats.org>

- Domestic violence law is wholly adequate
- Domestic violence law is mostly adequate
- Domestic violence law has some deficiencies
- Domestic violence law is seriously deficient
- There is no law against domestic violence
- No Data

Brideprice/Dowry/Wedding Costs (Type and Prevalence)

Scaled 2016



- No exchange or reciprocal exchange of assets between families (0-3 on the scale)
- Bride's family endows bride; no significant assets from groom's family (4-5 on the scale)
- Net assets move from groom's family to bride/bride's family (6-9 on the scale)
- Net assets move from bride's family to groom's family (10 on the scale)
- No Data

(Note: Scale captures the practice of the majority of the society; see scale description for further detail)

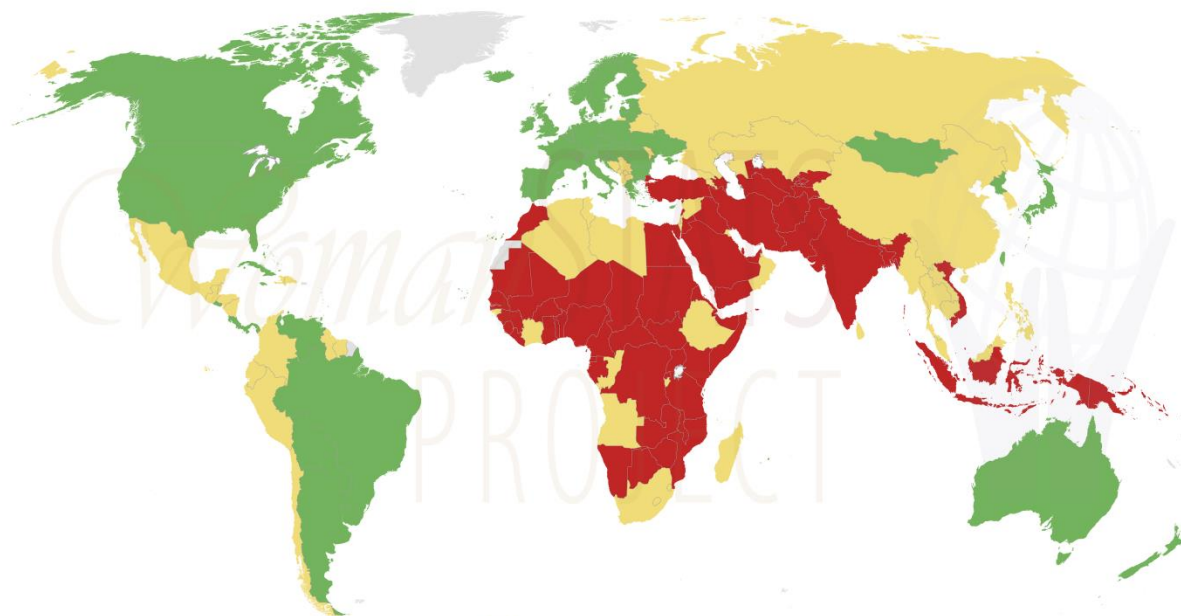


MARRSCALE3
Data © The WomanStats Project
<http://womanstats.org/>

Map by Think Spatial
© 2016

Clan Governance Index (Degree of Female Subordination in Marriage/Family)

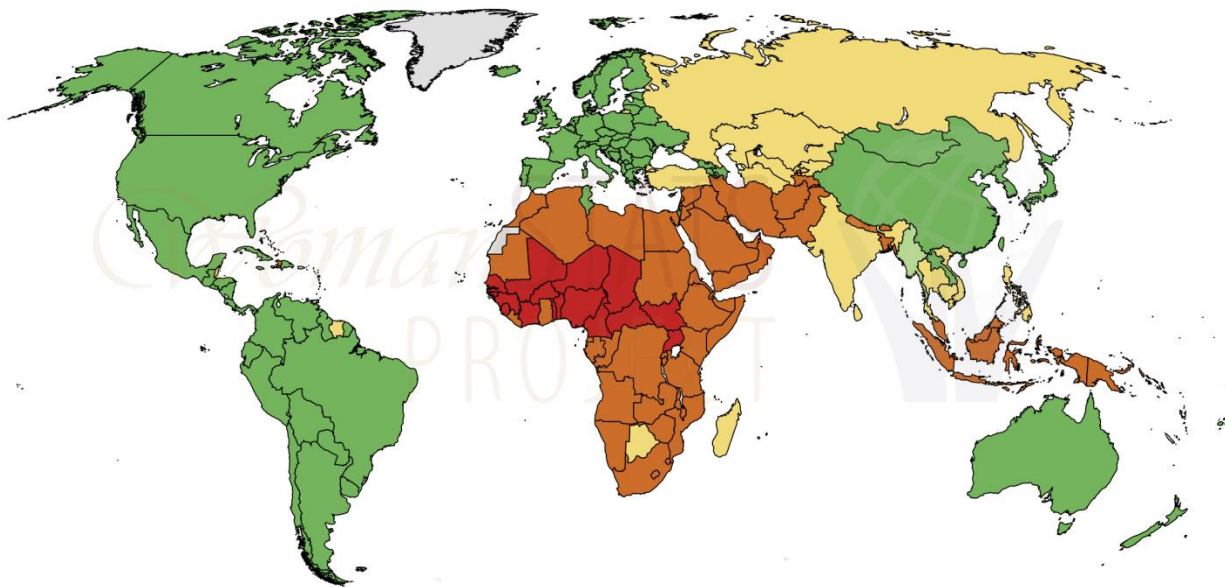
Scaled 2015



- Non-clan-based society (0-4)
- In active transition from clan-based to non-clan-based society (5-7)
- Clan-based society (8-12)
- No Data

Prevalence and Legal Status of Polygyny

Scaled 2016

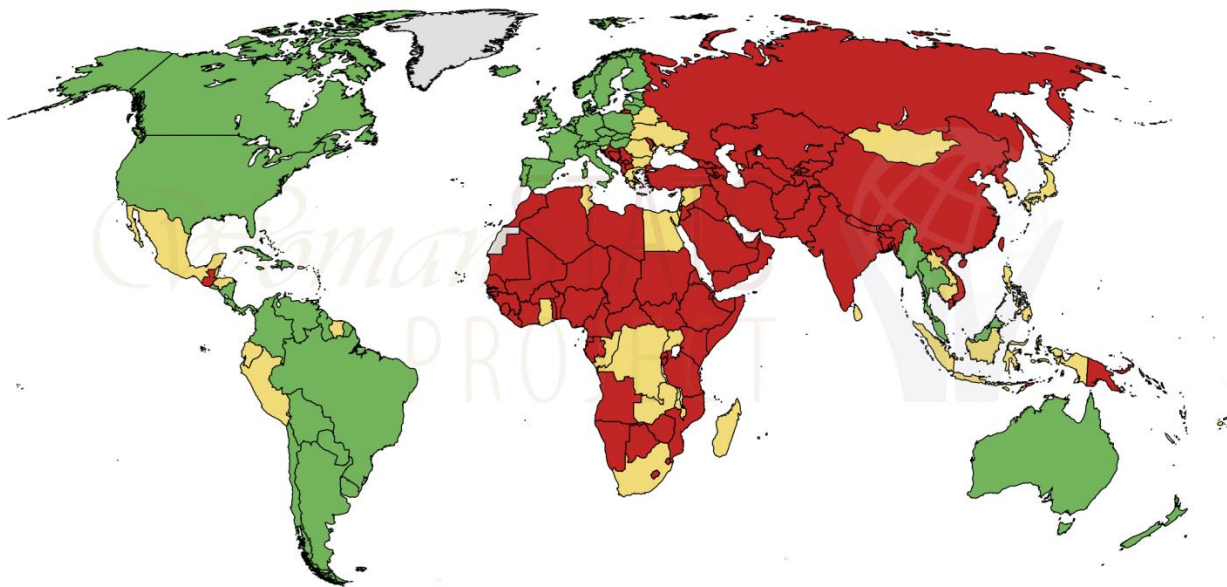


PW-SCALE-1
Data The WomanStats Project
<http://womanstats.org>

- Illegal and extremely rare. Multiple simultaneous cohabitations are also rare
- Illegal and this law is enforced. Multiple simultaneous cohabitations are tolerated
- Minority enclaves with polygyny may exist; <5% of women in polygyny
- May or may not be officially illegal, but the law is unenforced; <25% of women in polygyny
- May or may not be officially illegal, but the law is unenforced; >25% of women in polygyny
- No Data

Prevalence of Patrilocal Marriage

Scaled 2016

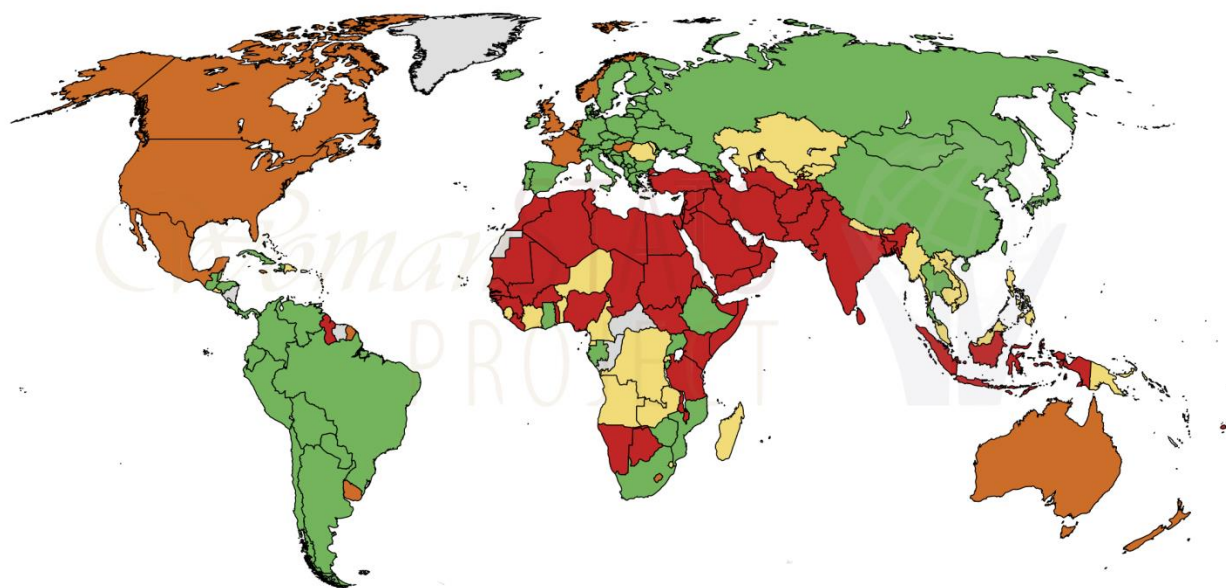


MARR-SCALE-1
Data The WomanStats Project
<http://womanstats.org>

- No expectation of living with either his or her family (no evidence that more than 5% of marriages are patrilocal)
- Softening patrilocal, a young couple may be expected in exigency to live with his family. More than 5%, but less than or equal to 20% of marriages
- Strong presence of patrilocal; young couples are expected to live with the husband's family, greater than 20% of marriages
- No Data

Prevalence and Legality of Cousin Marriage

Scaled 2016

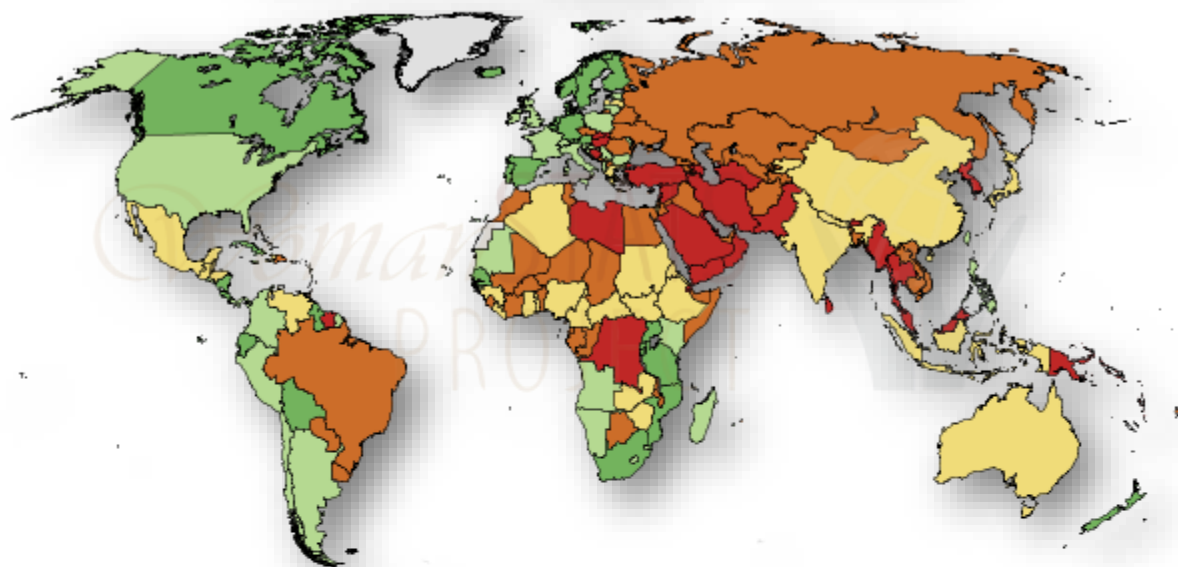


MARR-SCALE-2
Data The WomanStats Project
<http://womanstats.org>

- Illegal and rare (<5% of the population)
- Illegal, or legality ambiguous, but not uncommon (5%+ of the population)
- Legal but rare (<5% of the population)
- Legal and not uncommon (5%+ of the population)
- No Data

Governmental Participation by Women

Scaled 2016

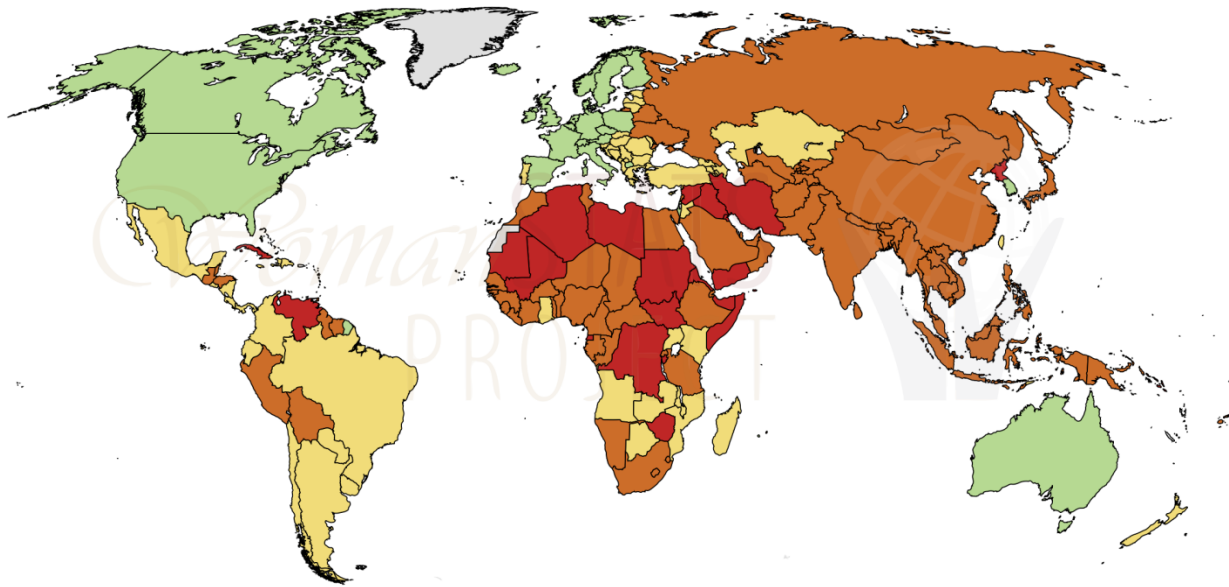


GP-SCALE-1
Data The WomanStats Project
<http://womanstats.org>

- 40% or higher of parliament; rank adjusted by percent female ministers
- 30-39% of parliament; rank adjusted by percent female ministers
- 20-29% of parliament; rank adjusted by percent female ministers
- 10-19% of parliament; rank adjusted by percent female ministers
- 0-10% of parliament; rank adjusted by percent female ministers
- No Data

Trafficking of Women

Scaled 2015

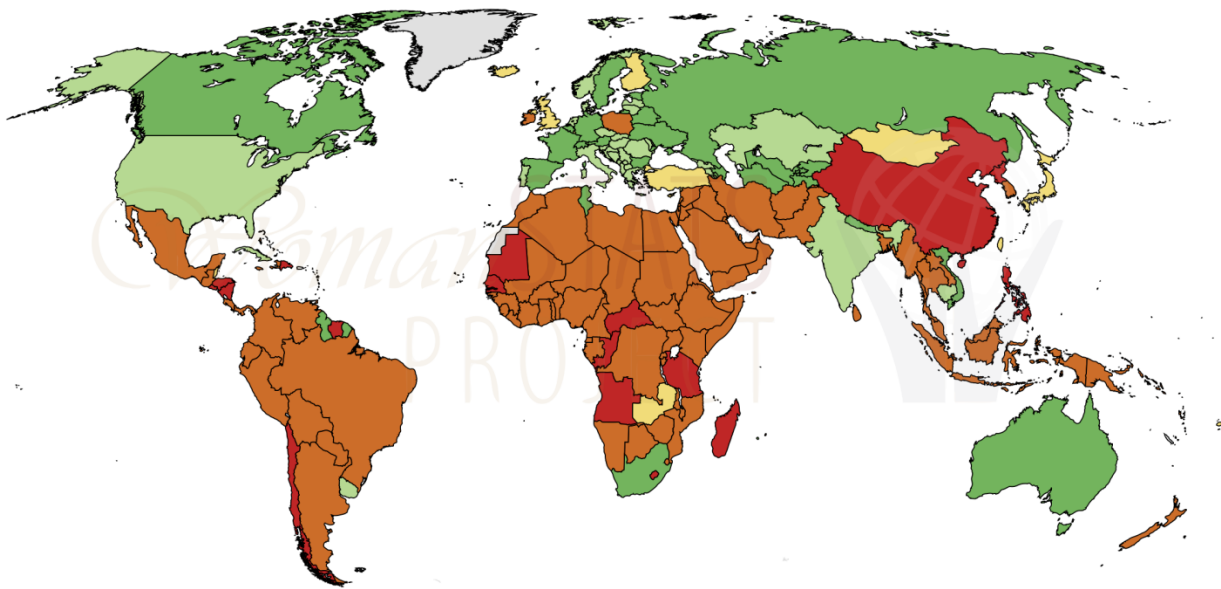


TRAFF-SCALE-1
Data The WomanStats Project
<http://womanstats.org>

- Trafficking is illegal and rare
- Trafficking is illegal, but there are enforcement lapses
- Trafficking is illegal, but is still practiced
- Trafficking is limitedly illegal and is practiced
- Trafficking is not illegal and is commonly practiced
- No Data

Legal Restrictions on Abortion

Scaled 2016

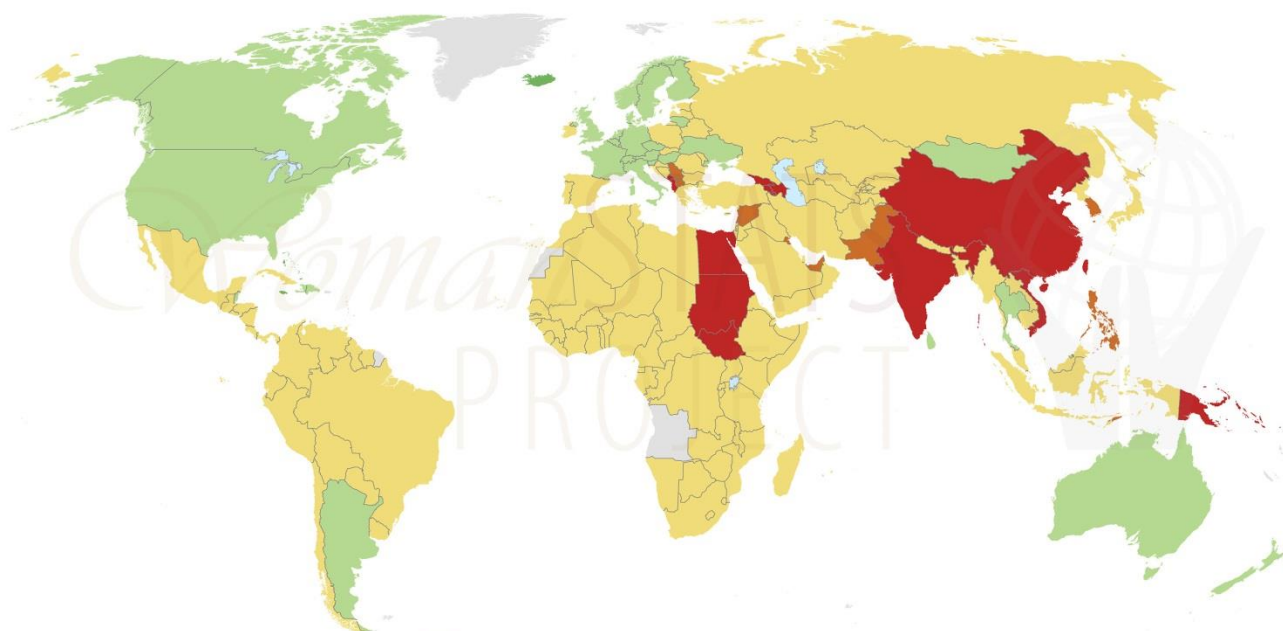


ABO-SCALE-1
Data The WomanStats Project
<http://womanstats.org>

-  Abortion is safe, legal, and voluntary.
-  Abortion is legal, but parental permission or waiting periods may be required.
-  Abortion is restricted, but with many exceptions allowed. Spousal permission may be required.
-  Abortion is severely restricted to life of the mother, and perhaps rape and incest.
-  Abortions are illegal and/or there are forced abortions.
-  No Data

Son Preference and Sex Ratios

Scaled 2015



**WomanSTATS
PROJECT**

ISSA-SCALE-1
Data © The WomanStats Project
<http://womanstats.org/>

- Normal sex ratios, no son preference.
- Normal sex ratios, limited son preference.
- Normal sex ratios, common son preference.
- Somewhat abnormal childhood sex ratios favoring males.
- Extremely abnormal sex ratios favoring males.
- No Data

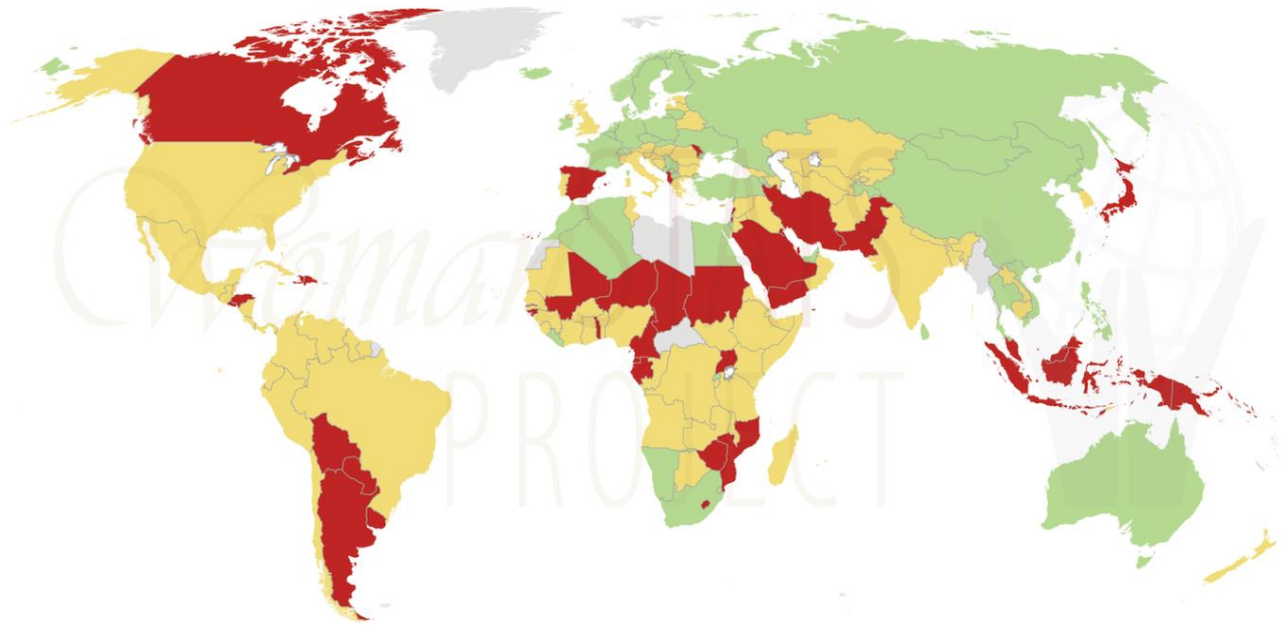
(Please see codebook for numerical definitions of abnormality)

Map by Think Spatial



Laws Concerning Child Marriage for Girls

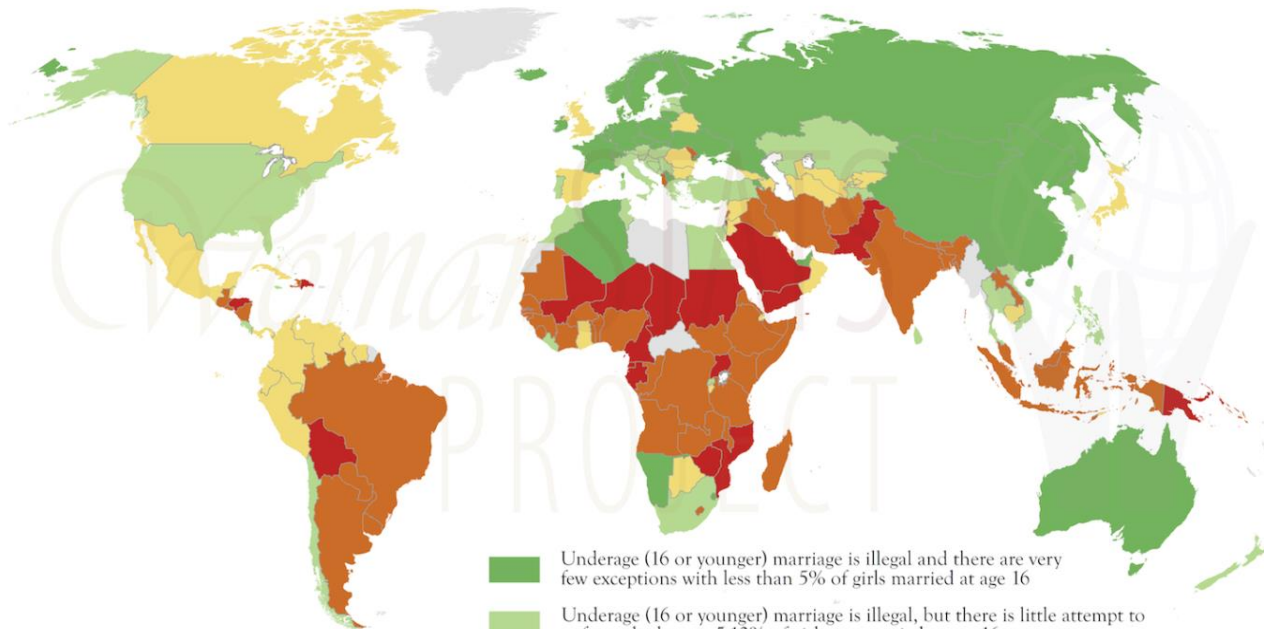
Scaled 2015



- Underage (16 or younger) marriage is illegal and/or only granted with judicial approval
- Underage (16 or younger) marriage is not legal, but there is no government enforcement of marriage law and/or there are many exceptions to the law such as underage marriage only requires parental, not judicial, consent
- Underage (16 or younger) marriage is legal
- No Data

Child Marriage for Girls: Practice and Law

Scaled 2015



- Underage (16 or younger) marriage is illegal and there are very few exceptions with less than 5% of girls married at age 16
- Underage (16 or younger) marriage is illegal, but there is little attempt to enforce the law, or 5-10% of girls are married at age 16 or younger
- Underage (16 or younger) marriage can occur with parental consent and 5-10% of girls marry at age 16 or younger
- Underage (16 or younger) marriage for girls is generally sanctioned by law and is not uncommon
- Underage (16 or younger) marriage is legal and over 10% of girls are married at age 16 or younger
- No Data

