

## The Sacred and the Secular: Separation of Church (Mosque) and State & Implications for Women's Rights

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### Abstract

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This study is a cross-national, longitudinal exploration of the relationships between religion, state, and three key dimensions of women's rights – economic, social, and political – on a sample of 158 countries from 1981 to 2005 controlling for alternative explanations of women's rights. A five point ordinal indicator of the level of institutional secularism is developed to evaluate these relationships. The components of this indicator are also disaggregated to determine their individual effects on each category of women's rights. This is important since core theories are lacking on how the various components of religion affect women's rights together or in isolation. A key finding is that secular institutional arrangements promote all three types of women's rights while religious institutions in the political sphere reduce protection of these rights. Furthermore, countries with Islamic legal systems and those with predominant religions tend to discriminate against women in the enjoyment of their rights. Taken together, the findings reveal that limiting the influence of religion in politics seems to be the key to the expansion of women's rights in most societies.

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**Keywords:** institutional secularization; separation of state and religion; Islam; women's rights

### I. Introduction

Religion plays an increasingly prominent role on the global political stage and in the political life of countries worldwide, but empirical research into its human rights effects has been limited.

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This article seeks to address this deficiency through a comparative and global analysis of the relationship between religion, the state, and three key dimensions of women's rights – economic, social, and political – on a sample of 158 countries (1981 to 2005) controlling for alternative explanations of these rights. Women's rights and gender equality are perhaps the most contentious religious, political, and ideological issues of the 21<sup>st</sup> century. Yet, surprisingly little scholarship focuses on how institutional relationships between religion and state shape women's rights when the nature of these rights are clearly connected to church-state relations and cultural and national identity. To date, the extant literature focuses on the dominant religious heritage, particularly Islam, which is widely viewed as one of the most powerful barriers to gender equality (Afary 2004; Afkhami 1999; Mayer 1999; Angrist March 2012; Fish October 2002).<sup>2</sup> This approach is not helpful in advancing theoretical understandings of the causal nexus between religion and women's rights, and also treats Islam as unique among other world religions in its treatment of women when scholars have documented how both the philosophy and practice of most world religions grew out of, and largely maintain patriarchal structures that codify the subjugation of women (Howland 1999; Maguire 2003).

The core argument of this paper is that it is not the type of religion *per se* that influences women's rights attainment but the extent to which religion and state, or sacred and secular, are separated or fused (i.e., the level of a country's institutional secularization) with countries that experience religious incursions in the political sphere most likely to reduce government protections of women's rights. As Kaplan claims, the barriers to gender equality are often drawn from the religious inclination of the state. She states, "...any religion, as long as it has a stronghold on the state and can wield real power, will be a great stumbling block for substantial change in secular matters" that benefit women (1992: 55). The combination of authoritarianism and fusion of state and religion, referred to here as the "double whammy," is expected to produce particularly bad outcomes for women with their rights attainment lowest in non-secular authoritarian regimes.

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<sup>2</sup>The majority of this scholarship classifies Muslim countries using a dichotomous measure of predominant religion. Predominant religion is defined in this study as that religion the majority of a country's population identifies with.

This paper proceeds as follows: the first section presents theoretical arguments that link institutional secularization to greater respect for women's rights and entanglement of religion and state or institutionalized religion to declines in these rights. Testable hypotheses are derived for the empirical section of this paper. Importantly, this study expands the focus of research to all major world religions to contribute to the development of a broader theory on the relationships between gender, religion, and the state. Scholars advocate for the importance of such an approach (Inglehart and Norris 2003). Next is an examination of alternative theoretical explanations identified in the international relations literature for why states respect or violate women's rights followed by a discussion of measures and empirical models and tests. The study concludes with an overview of key findings.

### 1.1 Theoretical Arguments on Institutional Secularism and Women's Rights Attainment:

There are good conceptual and theoretical reasons to suspect an institutionally secular state is most apt to advance and enforce women's rights. For one, institutional and legal barriers associated with a secular state, such as separation of state and political party and disestablishment of religion, are designed to minimize religious incursions in the political sphere and, thereby, limit the ability of religious and political authorities to legislate on women's rights and to legitimize restrictions on the exercise of their rights (Amor 2009). Conversely, a society where religious entities exert substantial control over the levers of state policymaking are subject to more pressures or opportunities than secular states for the close involvement of religion in the political sphere. Htun and Weldon (2011) find that political authorities in countries with Islamic law are less incentivized to enforce the full range of women's rights, especially their nationality and social rights (i.e., the rights to equal inheritance, to equitable divorce, to confer citizenship to children or husband), because these rights directly challenge codified religious traditions and regulations that reinforce female subordination. Religious authorities view granting equal rights to women, particularly in marriage and divorce, as destructive to family unity and the institution of marriage. Not surprisingly, many governments have great difficulty advancing women's rights in places where religious strictures are justified as divine truth and observed by society as sacred and immutable religious norms.

According to Burn (2013: 92), while religious cultures and ideologies can be supportive of gender equality, it is highly unlikely that institutionalized confessional states can produce the same commitment in law and practice to gender equality as institutionally secular states, especially those that place a high premium on political freedoms and civil liberties. He argues that the latter best promote gender equality because they allow for more diverse openings or spaces for social activism and change, which, in turn, may encourage the cultivation of religious values supportive of gender equality (and of gender inequality as well), the flourishing of countercultural social values and movements, and the growth of both religious and secular subcultures that challenge dominant religious and social hierarchies. This environment creates fertile ground for a culture of gender equality to prevail where "a climate where de jure legal rights are more likely to be translated into de facto rights in practice" and where women can freely exercise their rights (Inglehart and Norris 2003).

Importantly, challenges to dominant religious or cultural hierarchies are highly unlikely in institutionalized confessional states where coercive control exercised by religious authorities over politics and society undermines the ability of governments to support diverse and conflicting interpretations of the dominant faith. In fact, United Nations research finds that entanglement between church (or mosque) and state leads to the institutionalization of patriarchal values and traditions in ways that oppress women and limit their rights and opportunities. Assertions of the oppressive potential of institutionalized religion are supported by Steven Kettell's (2013) comparative analysis of state religion and political freedom. Kettell finds countries that institutionalize religion, irrespective of dominant religious faith, are most apt to infringe upon individual rights and political freedoms. In particular, he (2013) postulates that institutional favoritism (i.e., officially recognizing one religion as the state religion) involves basing state authority and key aspects of national identity and citizenship on divisive and sectarian grounds. This, in turn, fosters discrimination, repression, and intolerance of citizens' rights and freedoms, particularly those not adhering to the state religion.

Indeed, countries with an established state religion are found to experience significantly lower levels of political freedoms and civic equality (i.e. in terms of political rights, civil liberties, and freedom from religious persecution) than those without a state religion, as well as a significantly higher degree of government and social regulation of religion.<sup>3</sup>

These findings are consequential for the state of women's rights worldwide because, in the absence of basic political freedoms and rights, such as freedom of speech and movement (to organize and protest, for example), it is exceedingly difficult for women to pursue educational, employment, and political opportunities to advance their rights. Lower levels of civic equality experienced by countries with a state religion are especially problematic for women who experience the most pervasive civic inequalities and depreciated familial and nationality rights worldwide (Seager 2009). Related to this point, states with an established religion often target religious restrictions at familial and gender relations, sexuality, and reproduction. For example, in fused autocratic states like Saudi Arabia and United Arab Emirates small details of social life, such as women's freedom of movement, dress, and reproductive autonomy are subject to strict regulation by religious and political authorities, placing citizens in a more dependent and oppressed relationship with state authority (Price 1999). Another example is Latin America, the most Catholic continent in the world, where Catholic strictures play a central role in legitimizing the subordinate status of women. In ultra conservative Chile women's familial rights are subject to frequent assault by conservative religious forces, and abortion is illegal under all circumstances (Guzman et al. 2010; Seager 2009).

It is reasonable to conclude from the foregoing discussion that an institutionally secular state where religion is marginal to the political order and where religious groups are prevented from subjecting an entire society to a single dominant cultural hierarchy is most apt to advance women's rights. Furthermore, history reveals a greater cultivation of values supportive of gender equality in secular states, such as the United States and Turkey. Controlling for levels of democracy and economic development, systematic indicators reveal that, on average, these states have provided women more economic and educational opportunities and effective legal rights than any "alternative yet experienced on a multinational scale (Burn 2013: 97)."

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<sup>3</sup> The author uses the 2011 Freedom House index as his measures of political rights and civil liberties, which he cross-referenced with two indices of countries with a state religion.

## II. Core Hypotheses:

Our discussion regarding the influence of religion on government practices towards women leads to the following testable hypothesis.

**Hypothesis 1:** The higher the level of institutional secularization in a given country, the greater the realization of women's economic, social, and political rights, *ceteris paribus* (+).

This study contributes to the development of a broader theory of the relationships between gender, religion, and the state through an expansion of the focus of research to all world religions, not just Islam, to determine whether they share important commonalities in their treatment of women that make them amenable to cross-national comparison. According to many commentators, though religious practices and traditions vary considerably across and within countries and over time, certain gender discriminatory religious strictures or tenets embedded in religion suggest women should be subordinated to men in the household and in the public realm (Bayes and Tohidi 2001; Casanova April 2009). The most influential stricture is the "complementarity" doctrine, where in historical text and practice, women are oftentimes viewed as complementary to men, but not equal (Htun 2003; Maguire 2003). This religious stricture among others (i.e., obedience and modesty rules that reinforce male control of women) is often used by authorities to legitimize widespread gender inequality and the subordination of women to men on the grounds that God made men and women biologically different, and that these differences mandate a separate and subordinate role for women with their identity limited to the domestic realm (Tohidi and Bayes 2001:18). This reaffirms the importance of an institutionally secular state to the advancement of women's rights.

It is important to note that attempts to conduct a broad cross-national analysis of religion across disparate cultures are not unproblematic since grouping all societies together using a single secularism indicator invariably obscures important differences between and within countries with majority Muslim, Hindu, Catholic, Buddhist, or other religious heritages. This paper uses a measure of predominant religion to address this concern and to control for the varying impacts of different religious faiths on women's rights. Such a measure should help determine whether institutional secularization is a significant determinant of women's rights controlling for religious heritage.

Importantly, I hypothesize that religion will have its most pernicious influence on women's social rights because these rights often fall under the jurisdiction of local communities and religious leaders, are more diffuse in nature, target a wider array of activities and rules, pertain to and overlap with issues surrounding family and sexuality and reproduction, and are often culturally dictated. The nature of these rights also intimately connects them to church-state relations and cultural and national identity.

**Hypothesis 2:** The realization of women's economic, social, and political rights is lowest in fused or religious states, with the expectation that religion will exert its most negative influence on social rights, *ceteris paribus* (-).

Our study also examines the influence of Islamic (Sharia) legal systems on women's rights. Significant scholarship finds that the patriarchal conception of equality expressed in Islamic (Sharia) law is a major barrier to the advancement of women's rights.<sup>4</sup> Islamist feminist Fatima Mernissi (1975) claims that Islam's distinct system of divinely ordained rights and duties that prescribes different and unequal treatment of women to men, and that prioritizes communal or group rights over individual rights is incompatible with western notions of rights that emphasize the absolute equality of the sexes (as the term has come to be understood in modern day usage). Assertions regarding the incompatibility of Islamic values and women's rights are supported by comparative attitudinal studies that find Muslim populations are the least receptive of all religious faiths to gender equality and sexual liberalization and possess the most discriminatory attitudes. Furthermore, these views do not change much over time or inter-generationally (Inglehart and Norris 2003; Fish 2002). Sarkissian (2012: 507) finds empirical evidence that Muslim states also possess significantly higher levels of government regulation of religion, state, and society than other religious faiths, including regulations aimed at restricting the freedoms and opportunities of women. These include an extensive array of discriminatory religious codes, personal status laws, and other legal barriers that are deeply woven into the social fabric of many Islamic societies.

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<sup>4</sup>See, for example, Fish 2002; Inglehart and Norris 2003; Htun and Weldon Winter 2010; and Mayer 1995, 2007.

However, Islamist feminists are quick to point out that most world religions and cultures, not just Islam, are the foundation of patriarchal norms that underwrite the subordination of women. Buddhism, Catholicism, and Hinduism, in particular, prioritize community duties over individual rights where women are often embedded within social structures that favor group or collective rights and needs.<sup>5</sup> Muslim countries also differ substantially in the degree to which they institutionalize religion making it more accurate to talk about varieties of Islam – some secular and progressive (e.g., Turkey), some moderate (e.g., Tunisia), and some orthodox (e.g., Saudi Arabia) (Shah November 2006). Islamist feminists claim these significant variations within and between Islamic states reveal Islam is not impervious to change and, in fact, is amenable to significant reform (Barlow and Akbarzadeh 2006). However, Cherif (October 2010: 1152) finds that “Despite differences in the degree to which they institutionalize religion, Muslim countries behave similarly with respect to women’s rights in inheritance and nationality laws.” Most Muslim countries also behave similarly in the types of restrictions they place on women’s public roles (Crotty 1997; Mayer 2007). Hence, we expect countries that elevate Islamic principles in law to violate women’s rights.

The specific effects of Islamic law are operationalized using a dummy variable coded from legal systems data from the Central Intelligence Agency (CIA) *World Factbook* website. Countries are coded as a “1” if the CIA World Factbook specifies Sharia law is part of the state’s legal system. We offer the following hypothesis:

**Hypothesis 3:** Islamic legal systems possess unique conceptions of women’s rights that are antithetical to their economic, political, and social rights attainment, with the expectation that Islam exerts the most negative influence on social rights, *ceteris paribus*(-).

As previously stated, we control for predominant religion and hypothesize that world religions exert a statistically significant negative influence on women’s rights with the exception of Protestantism which should exert a positive influence on these rights. Studies demonstrate Protestantism propagates more liberal views of women’s roles outside the home than other religious denominations (Inglehart and Norris 2003).

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<sup>5</sup> Another example is the pervasive discrimination and inequality women experience in African societies where patriarchal cultural traditions and discriminatory customary law of tribal society clash with their rights.



### III. Alternative Explanations Of Government Practices Toward Women

Our models include alternative explanations of government practices toward women's rights. The first variable - the internationalization of human rights norms - is a measure of the growing global acceptance of women's rights in principle and in practice. It is used in this study to determine whether international norms are strong enough to challenge cultural and religious barriers to gender equality. This variable is a weighted ratification scale of the level of official endorsement by nation-states of the Convention on the Elimination of All Forms of Discrimination against Women (CEDAW).<sup>6</sup> The level of official endorsement is measured by the number and severity of reservations registered by state signatories to the articles of CEDAW. Countries that lodge the fewest significant reservations are expected to modify domestic laws and practices to conform to the articles of the Convention, whereas countries that register reservations that significantly undermine the scope of the Convention are less incentivized to align their domestic laws with the Convention's principles.

Next, democratic regimes are found to accord greater respect to women's rights in comparison to authoritarian regimes.<sup>7</sup> Democratic or democratizing states guarantee a range of individual rights and freedoms that promote broad types of civic activism that are often driving forces for social change beneficial to women's rights. This paper also controls for the presence of armed conflict or the level of formalized violence. Women's rights should suffer in conflict situations through direct victimization which exposes women to the risk of various forms of violence and reinforces patriarchal traditions and practices (Angrist March 2012; True 2012). Next, colonial heritage is an important determinant of women's rights but it remains an open empirical question whether it is a positive or negative force for women's rights. Though colonizers brought democracy, the rule of law and trade relationships to their colonies, feminist scholars assert colonialism led to declines in women's rights because colonial rule strengthened indigenous male control over women, and reduced their access to vital material resources (Waylen 1996).

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<sup>6</sup> CEDAW calls upon its nearly 190 member countries to eliminate cultural, religious, and traditional barriers and practices that violate women's human rights. *Source:* <http://www.un.org/womenwatch/daw/cedaw/reservations.htm>.

<sup>7</sup> Refer to Appendix C for a discussion of the coding of alternative explanations.

An extensive scholarship finds that the level of economic development is associated with significant improvements in women's rights.<sup>8</sup> Purportedly, the structural requisites of the modernization process, such as mass education and urbanization, break the oppressive weight of traditional patriarchal practices, afford women more educational and labor opportunities, and empower them through new social roles. Furthermore, developed countries have more resources to meet women's subsistence, education, and reproductive health needs. To draw firm conclusions about the potential causal impacts of alternative explanations, a variable that measures time is included to eliminate any explanation that might be linked to natural improvements or declines over time in the level of women's rights. Lastly, this study controls for population size since large populations tend to strain national resources and the ability of governments to meet socioeconomic needs (Henderson June 1993).

#### **IV. Research Design: Variables and Methods**

This study employs a pooled cross-sectional, time-series design using ordered logit with robust standard errors on a representative global sample of 158 countries for the time period 1981 to 2005. The country sample includes nations of the world having a population of at least 500,000 in 1981. Robust standard errors are reported to address the threat of heteroskedasticity, and the dependent variable—women's economic, political, and social rights—is lagged by one year, because it is reasonable to assume that the current year's level of women's rights depends upon the previous year's level of women's rights. Refer to Appendix A for a summary of descriptive statistics for all variables, Appendix B for the country sample, and Appendix C for a list of independent and control variables and a summary of their measurement.

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<sup>8</sup> See Apodaca 1996, 1998; World Bank 2001; Boserup 1970; Poe et al. 1997; and Forsythe et al. 2000.

## 1. Operationalization of Variables

### Dependent variables-Women's Economic, Social, and Political Rights

This study uses the women's rights variables from the Cingranelli-Richards (CIRI) human rights dataset, which are aggregate four-point standards-based ordinal measures that range from zero to three with zero representing minimal evidence of the rights in question with three representing the maximum standard.<sup>9</sup> The CIRI dataset operationalizes (a) whether laws guarantee women an array of important internationally recognized economic, social, and political rights and (b) the level of their enforcement.

The women's political rights variable includes several internationally recognized rights including the rights to vote, to run for political office, to hold elected and appointed government positions, to join political parties, and to petition government officials. Women's economic rights include several internationally recognized rights including the rights to equal pay for equal work; to gainful employment without the need to obtain husband or male relative's consent; equality in hiring and promotion practices; The right to be free from sexual harassment in the workplace; the right to work at night; The right to non-discrimination by employers and to work in occupations classified as dangerous; The right to work in the military and police force; And the right to job security (i.e., maternity leave, unemployment benefits, no arbitrary firing or lay offs). Lastly, women's social rights reflect the most private aspects of individual, familial, and community life. These include the rights to equal inheritance; To enter into marriage on a basis of equality with men; To travel abroad; to obtain a passport; To confer citizenship to children or husband; to initiate a divorce; to own, acquire, manage, and retain property brought into marriage; to participate in social, cultural, and community activities; to an education; The freedom to choose a residence/domicile; freedom from non-consensual female genital mutilation (FGM); and freedom from forced sterilization.<sup>10</sup>

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<sup>9</sup>Specific information on the construction of the CIRI women's rights variables is found at <http://www.humanrightsdata.org/>. Other data sets such as the UNDP's Gender Inequality Index were considered but CIRI is the only dataset that fully covers the years of this study.

<sup>10</sup>The variable for women's social rights extends only to 2005 because Cingranelli and Richards (CIRI) Data Set retired this variable as of 2005.

## 1.1 Independent Variables

### Level of Institutional Secularism (i.e., separation of church and state)

This study introduces three measures that are generally indicative of the level of institutional secularization (i.e., the degree of or maland actual separation of state and religion) in a given country including variables for: (1) official state religion, (2) the politicization of religious interests, and (3) freedom of religion. These measures are selected since they distinguish more or less between secular countries and the data for these measures are widely available for most countries, whereas data for more specific or nuanced measures, such as the presence of religious courts or government financial favoritism toward one religion, are not available for several of the countries that comprise our dataset. Furthermore, these measures may not travel well across nations since they may be too specific to a particular religious heritage such as the presence of religious courts in Muslim societies.

**Official/Established State Religion:** The first component documents the structural relationship between religion and state based on whether the country maintains a legal separation between the two spheres or officially establishes a particular religion. Countries with an official state religion tend to accord the state religion a preferential status and more substantial influence over government policy by delegating elements of the judicial system to the official religion, incorporating religious law into state law, and providing mandatory financial support to the established religion. Kettell (2013) finds the preferential status accorded to state religion also contributes to lower levels of political freedoms. This variable is coded as: "0" if the state has one official/established religion or the state does not officially endorse a particular religion but one religion serves unofficially as the state religion; "1" if the state has multiple official/established religions; and "2" if the state has no official/established religion. Countries with no established religion receive the highest score because they tend not to accord special treatment to a particular religion(s).

The primary sources of this measure are the *CIA World Factbook*, and the U.S. State Department's Annual Report on Religious Freedom.

**The Politicization of Religion:** The second component is a dichotomous measure that captures religious incursions in the political realm through "officeholding." Specifically, it examines whether the chief executive or largest government party represents national religious interests, including that of Islam, Catholicism, Hinduism, Judaism, Buddhism, or Christianity. It is reasonable to assume that a chief executive and/or political parties representing national religious interests will actually use their influence to advocate on behalf of those interests which, as previously discussed, often clash with women's rights. As Minkenberg (2002:239) notes, "The most direct link between religion and politics at the intersection of the electoral and policy-making level exists where explicitly religious parties...play a role in the party system." Under this measure, a country receives a score of "0" if the chief executive or largest government party represents national religious interests, which includes one or more of the above world religions. The country receives a score of "1" if the chief executive or largest government party does not represent national religious interests. The source of this measure is the World Bank's *Database of Political Institutions* (DPI).

**Freedom of Religion:** The third component is a dichotomous measure that taps the extent to which citizens are free to exercise and practice their religious beliefs and the degree to which the state involves itself in regulating or legislating religion through restrictions on religious practices. The measure is a three-point ordinal indicator that is coded as follows: a score of "0" indicates that government restrictions on religious practices are severe and widespread; a score of "1" indicates such practices are moderate, and a score of "2" indicates such practices are practically absent. The primary source of this measure is the *CIRID dataset*. Refer to <http://www.humanrightsdata.org> for more information on variable coding.

The three components of our measure—official/established state religion, freedom of religion, and politicization of religious interests—are disaggregated and also totaled into an ordinal indicator that ranges from a low of 0 (i.e., countries that are not institutionally secular on these measures) to a high of 5 (i.e., countries that generally maintain a separation of state and religion).

### 1.12 The Models

We employ five statistical models in our dataset. The first model in Table 1 includes the institutional secularism indicator (only) while the second model in this table introduces the Islamic law variable to determine whether the results for institutional secularism remain robust with the inclusion of this variable. If Islamic law really is the main culprit in the oppression of women, as many scholars claim, the institutional secularism variable should lose statistical significance. The third model in Table 2 introduces a dichotomous measure of predominant religion for the world religions: Catholicism, Islam, Buddhism, Hinduism, Protestantism, and Orthodox. The fourth model in Table 3 inverts the values of the five-point institutional secularism scale, which ranges from a low of 0 (i.e., the most secular) to a high of 5 (i.e., the most religious), to capture the aggregated effects of institutionalized religion on women's rights. We term this measure "institutional religiosity." The fifth model in Table 4 disaggregates our five-point secularism indicator to test for specific effects of the variables that comprise our indicator - religious freedom, official state religion, and politicization of religion - since most studies have not developed core theories on how the various components of religion affect women's rights together or in isolation.

## V. Results and Discussion

Table 1 provides the results for the ordered logit models for women's political, economic, and social rights on the global sample of countries from 1981 to 2005. Logit coefficients are reported with robust standard errors in parentheses. The asterisks next to the coefficients indicate the level of statistical significance. The models in Tables 1 through 4 explain from 42 percent to 60 percent of the cases, which is an ably good fit. Not surprisingly, the most significant predictor of women's economic, social, and political rights is the level of women's rights from the previous year. The first model in Table 1 below includes the institutional secularism indicator (only) while the second model in this table introduces the Islamic law variable to determine whether the results for institutional secularism remain robust with its inclusion.

The logit results from Table 1 reveal that institutional secularism is a statistically significant predictor across all categories of women's rights with the results for social and political rights in the hypothesized direction at better than the .01 level of statistical significance, and at the .05 to .10 levels for women's economic rights.

This relationship holds even controlling for the effects of Islamic law. In fact, the findings show that the Islamic law variable is not a significant determinant of women's economic and political rights even at the .10 level of statistical significance. However, as hypothesized, Islamic law exerts a statistically significant negative influence on women's social rights. Overall, these findings confirm the core hypothesis of this study that institutional secularism is a more important determinant of cross-national variations in women's rights than is the religious character of the legal system. See Table 1 on the next page.

**TABLE 1. Women's Rights on the Global Sample, Aggregated Model (1981 – 2005)**

Independent Variables	Model 1	Model 2	Model 1	Model 2	Model 1	Model 2
	Political Rights (PR)	Political Rights	Economic Rights (ER)	Economic Rights	Social Rights (SR)	Social Rights
Institutional Secularism	<b>.090***</b> (0.30)	<b>.081***</b> (.032)	<b>.075**</b> (0.37)	<b>.069*</b> (0.42)	<b>.111***</b> (0.31)	<b>.110***</b> (.031)
Islamic(Sharia)Law	----	-0.66 (.165)	---	-0.036 (.142)	---	<b>-.40**</b> (.16)
CEDAW Commitment	<b>.120***</b> (0.21)	<b>.120***</b> (0.20)	<b>.052***</b> (0.17)	<b>.051***</b> (0.17)	<b>.071***</b> (0.18)	<b>.062***</b> (0.18)
Democracy	<b>.082***</b> (.017)	<b>.057***</b> (.018)	<b>.075***</b> (.026)	<b>.076***</b> (.026)	<b>.081***</b> (.016)	<b>.082***</b> (.016)
Log of GDP Per Capita	.069 (.045)	.068 (.045)	<b>.379***</b> (.043)	<b>.361***</b> (.047)	<b>.181***</b> (.049)	<b>.179***</b> (.049)
International Conflict	.114 (.105)	.099 (.10)	-.117 (.099)	-.115 (.099)	.17 (.11)	<b>.19*</b> (0.10)
Civil Conflict	-.052 (.077)	-.054 (.076)	-.015 (.053)	-.014 (.054)	<b>-.102*</b> (.057)	<b>-.101**</b> (.054)
Log of Population	-.054 (.086)	-.019 (.086)	<b>-.198***</b> (.075)	<b>-.183***</b> (.075)	-.098 (.094)	-.116 (.089)
British Influence	<b>-.621***</b> (.15)	<b>-.53***</b> (.15)	<b>-.47***</b> (.13)	<b>-.47***</b> (.14)	<b>-.60***</b> (.14)	<b>-.529***</b> (.154)
Spanish Influence	-.19	-.19	<b>-.52***</b>	<b>-.51***</b>	<b>-.50***</b>	<b>-.46***</b>

	(.17)	(.18)	(.14)	(.14)	(.16)	(.16)
FrenchInfluence	-.28	-.20	-.044	-.028	-.175	-.18
	(.18)	(.18)	(.166)	(.171)	(.189)	(.19)
PortugueseInfluence	-.091	-.078	-.33	-.317	-.37	-.22
	(.32)	(.307)	(.25)	(.250)	(.29)	(.29)
<b>*Political Rights = PR; Economic Rights = ER; Social Rights = SR</b>						
<b>Independent Variables</b>	<b>Model 1</b>	<b>Model 2</b>	<b>Model 1</b>	<b>Model 2</b>	<b>Model 1</b>	<b>Model 2</b>
<b>Variables</b>	<b>PR Rights</b>	<b>PR</b>	<b>ER Rights</b>	<b>ER R Rights</b>	<b>SR R Rights</b>	<b>SR Rights</b>
Ottoman	-1.03***	-.942***	1.04**	1.04**	-.56*	-.42
	(.368)	(.376)	(.282)	(.284)	(.030)	(.35)
Time	.068***	.074***	.001	-.001	-.009	-.008
	(.025)	(.026)	(.017)	(.017)	(.011)	(.011)
Nairobi	.64*	.73*****	.39***	.42**	-.082	-.39
	(.36)	(.15)	(.15)	(.15)	(.162)	(.28)
Beijing	.102	.001	-.008	-.022	-.146	-.19
	(.75)	(.276)	(.181)	(.181)	(.203)	(.20)
Beijing2	.042	.038	.082	.078	-.31**	-.286*
	(.199)	(.195)	(.131)	(.13)	(.14)	(.139)
UNLogYears	.44	.13	.043*	.039*	.20	.11
	(.31)	(.13)	(.023)	(.21)	(.29)	(.29)
Women's Rights (t-1)	4.31**	4.32***	2.82***	2.82**	3.83**	3.83**
	(.153)	(.154)	(.112)	(.112)	(.101)	(.101)
<b>R 2</b>	0.60	0.60	0.43	0.42	0.58	0.58
<b>WaldChi2</b>	1015.80	1019.72	1257.14	1312.24	1720.67	1715.72
<b>N</b>	2975	2975	2910	2900	2785	2785

**P < .10, \*\*p < .05, \*\*\*p < .01**



As hypothesized, in Table 2 on the next page, the statistically significant positive influence of institutional secularism on women's rights holds controlling for predominant religion. Though predominant religion generally exerts a statistically significant negative influence on women's rights, this measure does not appear to attenuate the relationship between all three types of women's rights and institutional secularism. This result is probably due to the strong neutralizing effects of secularism on religion which again reaffirms the importance of an institutionally secular state to the advancement of women's rights. The insignificant findings for Catholicism are intriguing since Catholic teachings propagate traditional roles for women including restrictions on their public presence (i.e., lower rates of political representation and labour market participation) (Reynolds 1999; Kentworthy and Malami 1999; Guzman et al. 2010; Amuchastegui et al. 2010). These mixed findings give root to many specific questions well-suited to small-N case studies. As expected, Protestantism is positively associated with women's social rights and this relationship is statistically significant at the .01 level.

Of particular importance, the predominant religion variable for Islam in Table 2 does not exert a statistically significant influence on women's social rights. Yet, the Islamic law variable does exert a statistically significant negative influence on these rights, lending modest support to arguments that Islam by itself is not a significant obstacle to women's social rights achievement, but countries that elevate Islamic principles in law (i.e. those that fuse religion and state) impede women's ability to enjoy their rights.

**TABLE 2. Women's Rights on the Global Sample, Predominant Religion Model (1981-2005)**

<b>Independent Variables</b>	<b>Political Rights Rights</b>	<b>Economic Rights Rights</b>	<b>Social Rights Rights</b>
Institutional Secularism	<b>.140***</b> (.053)	<b>.066*</b> (.039)	<b>.100***</b> (.028)
CEDAW Commitment	<b>.128***</b> (.020)	<b>.058***</b> (.016)	<b>.069***</b> (.017)
Democracy	<b>.043***</b>	<b>.060***</b>	<b>.069***</b>

	(.012) .013)	(.023)	(.016)	
Log of GDP Per Capita	<b>.085***</b>	<b>.349***</b>	<b>.195***</b>	<b>.051***</b> (0.17)
	(.041)	(.044)	(.046)	
International Conflict	.133 (.097)	-.032 (.099)	<b>.253**</b> (.104)	
Civil Conflict	-.116 (.073)	-.055 (.054)	<b>-.138***</b> (.053)	
Log of Population	.113 (.083)	<b>-.133*</b> (.071)	.074 (.079)	
Time	<b>.071***</b> (.010)	-.006 (.008)	<b>-.014*</b> (.008)	
Catholicism	-.21 (.20)	-.21 (.14)	.22 (.16)	
Islam	<b>-.73***</b> (.23)	<b>-.52***</b> (.16)	-.181 (.174)	
Buddhism	<b>-.64***</b> (.25)	-.25 (.21)	.356 (.233)	
Hinduism	<b>-.99***</b> (.37)	<b>-.81***</b> (.28)	<b>-.45*</b> (.27) (.271)	
Orthodox	<b>-.85***</b> (.33)	<b>-.49**</b> (.24)	.398 (.248)	
Protestant	.27 (.24)	.21 (.20)	<b>.636***</b> .210	
Women's Rights (t-1)	<b>4.24***</b> (.151)	<b>2.85***</b> (.110)	<b>3.56***</b> (.097)	
R 2	.60	.42	.55	
Wald Chi2	1100.19	1236.77	1658.55	
N	3161	3088	2940	

P < .10, \*\*p < .05, \*\*\*p < .01

Table 3 reports the regression results for women's rights and the inverted secularism scale.<sup>11</sup> Recall that we invert the five point institutional secularism scale, which ranges from a low of 0 (i.e., the most secular) to a high of 5 (i.e., the most religious) to capture the effects of institutional religiosity on women's rights.

This table further confirms the hypothesis that the entanglement of religion and state exerts a strong negative influence on all three types of women's rights at beyond the .01 level of statistical significance.

<b>Table 3: Cross-Sectional Time Series Model Controlling for Level of Institutional Religiosity</b>			
<b>Independent Variables</b>	<b>Political Rights</b>	<b>Economic Rights</b>	<b>Social Rights</b>
Institutional Religiosity	<b>-.132***</b> (.042)	<b>-.106***</b> (.039)	<b>-.149***</b> (.039)
Democracy	<b>.055***</b> (.016)	<b>.069***</b> (.023)	<b>.083***</b> (.015)
CEDAW Commitment	<b>.136***</b> (.019)	<b>.057***</b> (.016)	<b>.080***</b> (.017)
Population	.054 (.080)	<b>-.150**</b> (.069)	-.055 (.076)
Time	<b>.068***</b> (.009)	-.006 (.008)	<b>-.018**</b> (.008)
International Conflict	.108 (.099)	-.056 (.098)	<b>.217**</b> (.103)
Civil Conflict	-.052 (.073)	-.049 (.053)	<b>-.124**</b> (.053)
GDP Per Capita	<b>.104***</b> (.041)	<b>.359***</b> (.045)	<b>.209***</b> (.046)
Women's Rights (t-1)	<b>4.32***</b> (.149)	<b>2.88***</b> (.109)	<b>3.59***</b> (.096)
<b>R<sup>2</sup></b>	0.59	0.42	0.55
<b>WaldChi2</b>	1030.42	1238.30	1660.50
<b>N</b>	3160	3091	2950

<sup>11</sup>Only the main independent variables and controls for time, GDP, and population were included in this model since the goal is to examine the relationship between institutional religiosity and women's rights.

TABLE 4. Women's Rights on the Global Sample, Disaggregated Model (1981 – 2005)

Independent Variables	Model 1	Model 2	Model 1	Model 2	Model 1	Model 2
	Political Rights	Political Rights	Economic Rights	Economic Rights	Social Rights	Social Rights
Official State Religion	-.123* (.075)	----	-.24 (.060)	----	-.23*** (.064)	----
Politicization of Religion	-.92*** (.22)	----	-.63*** (.16)	----	-.39** (.18)	----
Freedom of Religion	-.023 (.083)	----	-.099 (.70)	----	.044 (.073)	----
CEDAW Commitment	.134** (.021)	.136*** (.019) (0.20)	.060*** (.16)	.052*** (.020) .05	.073*** (.017) (0.17)	.084*** (.017) (0.17)
Democracy	.061*** (.015)	.051*** (.013)	.072*** (.15)	.050*** (.017)	.091*** (.016)	.088** (.015)
Log of GDP Per Capita	.043*** (.017)	.126*** (.039)	.382*** (.040)	.451*** (.042)	.232*** (.043)	.212*** (.044)
International Conflict	.130 (.125)	.137 (.101)	-.024 (.105)	.032 (.096)	.256** (.109)	.26** (.11)
Civil Conflict	-.061 (.070)	-.052 (.073)	-.054 (.057)	-.037 (.05)	-.136** (.061)	-.126** (.052)
Log of Population	.088 (.095)	.109 (.080)	.124* (.073)	-.099 (.06)	-.077 (.078)	-.045 (.076)
Time	.069*** (.009)	.066*** (.009)	.007 (.006)	.006 (.007)	-.019** (.008)	-.018* (.008)
Women's Rights (t-1)	4.33*** (.113)	4.27*** (.143)	2.85*** (.110)	2.8*** (.108)	3.59*** (.090)	3.58*** (.097)
R <sup>2</sup>	.59	.59	.41	.04	.55	.55
WaldChi2	3499.36	1119.58	2486.42	1346.77	3927.63	1661.27
N	3143	3313	3074	324	2925	2965

P < .10, \*\*p < .05, \*\*\*p < .01

Table 4 presents the results of the disaggregated model of the inverted five point secularism scale. We disaggregate the inverted components of this indicator – politicization of religion, official state religion, and freedom of religion - to examine their individual effects and to determine what components are driving the negative relationship to women's rights, which, as previously stated, is important since core theories are lacking on how the various components of religion affect women's rights together or in isolation.

As hypothesized, the dichotomous measure of politicization of religion exerts a statistically significant negative influence on all three categories of women's rights at the .05 to .01 threshold. These results speak to the crucial importance of separation of political party and state to women's rights, and, importantly, they illustrate how conventional separation of church (or Mosque) and state alone is not enough to guarantee women's rights. Importantly, findings for official state religion supports Kettell's (2013) thesis that state religion impinges on political freedoms and, as we hypothesize, by extension, women's rights. Not surprisingly, the indicator of official state religion exerts its most significant negative influence on women's social rights at better than the .01 threshold, and on women's political rights at the .10 threshold. Interestingly, the inverted measure for freedom of religion (i.e. higher scores on this measure indicate greater government restrictions on religious freedom) is not a statistically significant determinant of any of the women's rights variables even at the .10 statistical threshold. These weak findings make it difficult to generalize about the complex relationship between religious freedom and women's rights especially since so few studies have empirically evaluated this relationship. They clearly warrant further exploration using a blend of more sophisticated methodologies and fine-grained analysis than those used here.

Next, the results in Tables 1 through 4 indicate that democracy is associated with statistically significant increases in government respect for all three categories of women's rights. Significantly, the fact that both the indicators for democracy and institutional secularism in Tables 1 and 2 are significant in the same logit equation shows that each has a strong, independent influence on women's rights achievement. However, though the results produced in these tables illustrate that both democracy and institutional secularism are important determinants of women's rights, they do not show the importance of the intersection of these two variables. We examine their intersection specifically to test our earlier argument that the combination of authoritarianism and fusion of state and religion produces particularly bad outcomes for women.

Table 5 below shows the mean levels of the women's rights variables by the type of political regime and by the level of separation of state and religion.

As expected, an examination of the data reveals that all three types of women's rights are lowest in authoritarian regimes that fuse religion and state, and highest in secular democracies.<sup>12</sup> In particular, I find that the mean levels of women's economic, political, and social rights in fused authoritarian regimes is .78, .77, and an abysmally low .33, respectively, and these results are statistically significant. As expected, religion has its most pernicious influence on women's social rights. Recall that the women's rights scales range from a low of 0 to a high of 3. These results are consistent with studies that find authoritarian religious states, such as Islamic autocracies, are most oppressive of women's rights (Cherif October 2010: 1145; Fish 2002).

Authoritarian religious states, such as Islamic autocracies, are most oppressive of women's rights (Cherif October 2010: 1145; Fish 2002).

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<sup>12</sup>In this study, political regimes are classified as authoritarian if they score between 0 to 3 on the *Polity IV Democracy Indicator*; semi-democracy if they score between a 4 and 6 on this measure, and democracy if they score between a 7 to 10 on this measure (Refer to Appendix C). For the sake of clarity and simplicity, the five-point measure of institutional secularization is broken up into a threefold typology: countries with values of 0 and 1 are classified as cases of state-religion fusion, those with scores of 4 and 5 belong to the category of state-religion separation, and those with scores of 2 to 3 belong to the middle category, which I term partial entanglement of state and religion.

**Table 5:<sup>13</sup> Mean Levels of Women's Rights by Regime Type & by Level of Institutional Secularism**

Separation of State & Religion	Regime Type	Political Rights	Economic Rights	Social Rights
State-Religion Fusion (0 -1)	Autocracy	.95	.72	.32
	Semi-democracy	1.76	1.09	.70
	Democracy	1.83	1.34	1.02
Partial State-Religion Entanglement (2-3)	Autocracy	1.60	1.13	.88
	Semi-democracy	1.80	1.24	1.19
	Democracy	1.96	1.65	1.56
State-Religion Separation (4-5)	Autocracy	1.65	1.05	.91
	Semi-democracy	1.86	1.10	1.04
	Democracy	2.17	1.72	1.73

\*\*\* =  $p < .000$  \*\* =  $p < .00$  \* =  $p < .0$

The findings for alternative explanations in Tables 1 through 4 reveal that the internationalization of human rights is positively associated with all categories of women's rights at greater than the .01 level of statistical significance with government respect these rights increasing as we ascend up the scale to those countries that express the highest official endorsement of CEDAW (i.e., those that have issued no or few reservations). Conversely, women's rights are the lowest in countries that do not sign or ratify CEDAW.

These results support findings that states adhering to CEDAW are more apt to modify or replace discriminatory religious laws and practices (Yoo September 2012; Gray et al. 2006).

Not surprisingly, we find a country's wealth or level of economic development positively affects a government's ability to provide for women's rights.

<sup>13</sup> Analysis of variance (ANOVA) was used to determine whether the difference in means between the three levels of institutional secularism and between regime types are statistically significant. The results were significant at greater than the .000 level of significance meaning there are discernable and important differences between how institutionally secular and non-secular states treat their female citizens.

The sign is statistically significant at the .01 level in virtually all models, and supports an extensive literature on the human rights effects of development. Next, the results for former colonial experience are mixed. Whereas some forms of colonial rule exert a statistically significant negative influence on all three types of women's rights, other types of colonial rule have negligible effects.<sup>14</sup> Our inconsistent findings give root to many specific questions well-suited to small-N case studies. Time is also an important variable but the results are mixed. The negative coefficient for social rights signifies a decline in these rights over time while the highly positive coefficients for political rights convey a steady improvement over time. These findings are not inconsistent because women are most likely to experience gains in their political rights since these rights are more readily institutionalized in the legal realm through provisions for women's suffrage and political candidacy while women's social rights are more difficult to formalize.

As expected, civil conflict exerts a negative influence at the .01 to .10 significance threshold on women's social rights. However, contrary to theoretical expectations, international conflict is significant between these statistical thresholds but in the opposite direction than hypothesized. Theoretically, both civil and international conflict should have a strong negative influence on all three types of women's rights. Future studies may want to consider exploring these inconsistencies. Finally, population size is associated with statistically significant declines in women's economic rights in all models. These findings infer that a large population may drain the state's ability to redistribute vital economic resources or to target funds to programs designed to reduce gender inequalities.

## **VII. Conclusion**

This study offered an examination of the relationships between religion, the state, and women's economic, social, and political rights in 158 countries from 1981 to 2005. The most important substantive finding is that secular institutional arrangements better advance all three types of women's rights controlling for Islam and predominant religious faith.

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<sup>14</sup> The negative results for British colonial influence may be due to gender discriminatory coverture practices British colonizers exported to their colonies. However, it is difficult to generalize about the effects of colonialism because most colonized societies, particularly in Africa, had in place pre-existing patrilineal and patriarchal institutions.



Results demonstrate that, in comparison to their non-secular counterparts, institutionally secular regimes generally do not make tradeoffs between the different types of rights to appease religious interests, but instead promote the full range of women's rights. Conversely, all types of women's rights are in jeopardy in non-secular states, especially those with an official state religion and those that experience politicization of religion. As expected, the combination of authoritarianism and fusion of state and religion is a double whammy for women with their rights attainment lowest in fused authoritarian regimes. These findings are consequential for more than women's rights and opportunities, as they have broader societal implications. Significant empirical evidence finds that societies that subordinate women are more likely to experience economic stagnation, poverty, high female illiteracy rates, authoritarian governance, political instability, and poor child and maternal health outcomes.<sup>15</sup>

Importantly, the findings of this study partially refute existing quantitative analyses that blame the state's propensity to repress women's rights solely on Islamic law. Though Islamic law is clearly oppressive of women's social rights, as the findings reveal, any society that allows religion to become too involved in the making of public policy will tend to produce policies and practices that reduce protection of women's rights. This holds true for most major world religions. However, an important limitation of this study and all large N studies, for that matter, is the inability to analyze (beyond a superficial level) them any cultural and religious restrictions and practices deemed detrimental to women's rights, such as the tribal practices of African countries. The fundamental problem is the great difficulty in separating religion from culture or from custom and tradition, since, in many societies traditional cultural practices are overlaid on religion and supplement religious practices. An example is the practice of dowry death in India, which has its roots in local interpretations of the Hindu religion though Hinduism does not condone such violence. Our study does not examine these types of social rights abuses.

Ultimately, the expansion of women's rights as universal rights will require a strong political will by government officials to dismantle systemic discrimination and pervasive gender inequalities that are justified on cultural and religious grounds. Women must also change culturally engrained behaviors in order to take full advantage of their rights. However, this is no easy task.

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<sup>15</sup> See, for example, Fish (October 2002) and Sen (1999) in the References section of our paper.

As Sen (1999) persuasively points out, women may choose to limit themselves from enjoying their full human potential out of fear that they will be harshly punished for stepping outside the bounds of social convention and cultural and religious traditions. Unfortunately, in many societies, cultural and religious forces are often stronger than the laws and policies that seek to advance women's rights. However, as this study reveals, gender egalitarian reform is still possible since religion and culture are not static, monolithic, and impenetrable forces not within certain faith traditions, and clearly not across the broad categories of major religions.<sup>16</sup> As Nobel Peace Laureate Arch Bishop Desmond Tutunotes in reference to customs and religious traditions, societalactors "speakasifthoseare things that are droppedfromheaven, where as they are manmade, and because they are man made they can be changed by us."<sup>17</sup>

### Appendix A. SummaryStatistics forAll Variables, 1981 to 2005

Variables	N	Mean	Standard Deviation	Minimum	Maximum
Women's Political Rights	3704	1.754578	.6869789	0	3
Women's Economic Rights	3648	1.280127	.6528316	0	3
Women's Social Rights	3471	1.171997	.8584942	0	3
Political Secularism	3488	3.061353	1.166996	0	4
Democracy	3489	4.365434	4.495445	0	10
CEDAWCommitment	3565	4.190182	3.305314	0	8
Time	3565	12.05386	6.892872	1	24
International Conflict	3515	.088478	.4673407	0	3
Civil Conflict	3481	.3912669	.8920296	0	3
Population Size (logged values)	3540	6.958973	.6646809	5.173763	9.10721
LogofGDP Per Capita	3361	7.456005	1.567291	4.164434	11.21747
BritishInfluence	3565	.312202	.4634567	0	1
SpanishInfluence	3565	.1343619	.3410885	0	1
FrenchInfluence	3565	.168864	.3746843	0	1
PortugueseInfluence	3565	.0269285	.1618971	0	1
OttomanInfluence	3565	.030575	.1721875	0	1
ShariaLaw	3517	.2251919	.4177681	0	1
Copenhagen Conference	3565	.1551192	.3620691	0	1
Nairobi Conference	3565	.1949509	.3962185	0	1
Beijing1995 Conference	3565	.2078541	.4058288	0	1

<sup>16</sup> As our findings illustrate, this assertion may be less true for Islam which appears more impervious than other religions to gender egalitarian reform. However, it is difficult to generalize about the nature of Islam since it is a pluralistic religion with nooneformulationof*Shari'*alaw and religious texts, but many versions within and between societies.

<sup>17</sup>Source: <http://www.halftheskymovement.org/videos/celebrities>

**Appendix B– the Global Sample Of Countries<sup>18</sup>**

Afghanistan	Albania	Algeria	Angola
Argentina	Armenia	Australia	Austria
Azerbaijan	Bahrain	Bangladesh	Belarus
Belgium	Belize	Benin	Bhutan
Bolivia	Bosnia- Herzegovina <sup>18</sup>	Botswana	Brazil
Brunei	Bulgaria	Burkina Faso	Burundi
Cambodia	Canada	Cameroon	Central African Republic
Chad	Chile	China	Colombia
Costa Rica	Cote d'Ivoire	Croatia	Cuba
Cyprus	Czech Republic <sup>19</sup>	Dem. Peoples' Rep. of Korea <sup>20</sup>	Democratic Rep. of Congo <sup>21</sup>
Denmark	Dominican Republic	Ecuador	Egypt
El Salvador	Eritrea	Estonia	Ethiopia
Fiji	Finland	France	Gabon
Gambia	Georgia	Germany	Ghana
Greece	Guatemala	Guinea	Guinea-Bissau
Guyana	Haiti	Honduras	Hungary
Iceland	India	Indonesia	Iran
Iraq	Ireland	Israel	Italy
Jamaica	Japan	Jordan	Kazakhstan
Kenya	Kuwait	Laos	Latvia
Lebanon	Lesotho	Liberia	Libya
Lithuania	Luxembourg	Macedonia	Madagascar
Malawi	Malaysia	Mali	Mauritania
Mauritius	Mexico	Moldova	Mongolia

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<sup>18</sup> The 1995 Dayton Accords created the independent state of Bosnia and Herzegovina ([www.ussd.gov](http://www.ussd.gov)).

<sup>19</sup> The Czech Republic is formerly known as Czechoslovakia.

<sup>20</sup> The Democratic People's Republic of Korea is also known as North Korea.

<sup>21</sup> The Democratic Republic of Congo is formerly known as Zaire.

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Morocco	Mozambique	Myanmar <sup>22</sup>	Namibia
Nepal	Netherlands	New Zealand	Nicaragua
Niger	Nigeria	Norway	Oman
Pakistan	Panama	Papua New Guinea	Paraguay
Peru	Philippines	Poland	Portugal
Qatar	Republic of Korea <sup>23</sup>	Republic of Congo	Romania
Russia	Rwanda	Saudi Arabia	Senegal
Sierra Leone	Singapore	Slovakia	Slovenia
Somalia	South Africa	Spain	Sri Lanka
Sudan	Swaziland	Sweden	Syria
Taiwan	Tajikistan	Tanzania	Thailand
Togo	Trinidad and Tobago	Tunisia	Turkey
Turkmenistan	Uganda	Ukraine	United States
United Arab Emirates	United Kingdom	Uruguay	Uzbekistan
Venezuela	Vietnam	Yemen	Yugoslavia_post <sup>24</sup>
Zambia	Zimbabwe		

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### **Appendixc. Independent and control variables, 1981 – 2005**

(VariableName,  
Description, Source)

Institutional Secularization: Five-

Point ordinal indicator that includes variables for:

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<sup>22</sup> Myanmar is also formally known as Burma. <sup>22</sup> The 1995 Dayton Accords created the independent state of Bosnia and Herzegovina ([www.ussd.gov](http://www.ussd.gov)).

<sup>22</sup> The Czech Republic is formerly known as Czechoslovakia.

<sup>22</sup> The Democratic People's Republic of Korea is also known as North Korea.

<sup>22</sup> The Democratic Republic of Congo is formerly known as Zaire.

<sup>22</sup> Myanmar is also formally known as Burma.

<sup>23</sup> The Republic of Korea is also known as South Korea.

<sup>24</sup> Yugoslavia\_post is now called Serbia and Montenegro, which is a constitutional republic consisting of the relatively large Republic of Serbia and the much smaller Republic of Montenegro (<http://www.state.gov/g/drl/rls/hrrpt/2004/41706.htm>).

Official state religion, (2) freedom of religion, and (3) the politicization of religious interests. Source: Fox and Sandler Religion and State Dataset, CIA World Factbook, and the U.S. State Department's Annual Report on Religious Freedom.

Democracy: An indicator measuring the level of democracy along an additive continuum that ranges from a score of 0 (no democracy) to a high score of 10 (democracy). Source: *Polity IV indicator* by Marshall and Jaggers. [Online]. Available: <http://www.cidcm.umd.edu/inscr/polity/>. Under this measure, other aspects of democracy, such as freedom of assembly and association, freedom of speech and press, and rule of law are treated as the outcomes of a competitive democratic state. The competitiveness of political participation and the openness of executive recruitment, for example, rely to a large extent upon the freedom of thought and speech and the freedom to organize in political associations or parties. Importantly, this indicator measures the extent of democraticness enjoyed by a nation and its people, not merely formal rights guaranteed on paper.

Internationalization of human rights norms: (1) an 8-point weighted ratification variable of the level of official endorsement of the Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW). The variable has four categories coded as follows: (4) a country makes no reservations to the CEDAW or any interpretative declarations that modify treaty obligations; (3) a country makes reservations that could have some but not major impacts on their obligations. This includes reservation to certain articles of CEDAW but not nullifying it completely; (2) a country makes reservations that have a noticeable effect on its obligations under the convention to a whole article, nullifying or leaving open the possibility not to abide by a whole article; and (1) a country makes reservations that have significant and severe effects on the convention's obligations. Reservations that subject the whole convention to national or religious legislation would receive this score. A ratifying country's reservation score is then multiplied by two, which is the original ratification score that all convention signatories receive. Countries that do not ratify the convention receive a score of 0. Those that sign the convention but do not ratify it receive a score of 1. Source: Todd Landman (2005); Economic development: Logged values of per capita gross domestic product (GDP). Source: World Bank, *World Development Indicators*.

Islamic law: Dichotomous variable coded "1" if Shari'ah law is part of a country's legal system. Source: CIA World Factbook.

Predominant Religion: Dichotomous variable coded "1" if a country is predominantly one of the following religions: Islam, Catholicism, Buddhism, Hinduism, Orthodox, and Protestantism. Country classifications for this variable are drawn primarily from *The CIA World Factbook*.

Institutional religiosity: The inverted institutional secularism scale: a low of "1" represents countries that are the most secular and a high of "5" represents countries that are the least secular (i.e. the most religious). Civil or international conflict: A three-point ordinal scale capturing the severity of civil/international conflict measured in terms of the number of battle deaths in a given country for a particular year. It is coded as: 0 = No war; 1 = Minor conflict, where there have been at least 25 battle deaths per year; and 2 = Major conflict, where there have been more than 1000 battle related deaths per year. Source: Harvard Strand, Lars Wilhelmsen & Nils Petter Gleditsch, *International Peace Research Institute, Armed Conflict Dataset Codebook* (2013), available at [http://www.prio.no/cwp/armedconflict/current/codebook\\_v2\\_1.pdf](http://www.prio.no/cwp/armedconflict/current/codebook_v2_1.pdf).

Conflicts were coded as "internal" if they met the following conditions: 1) the conflict occurred between the government of a particular state and one or more internal opposition group(s) without intervention from other states; and 2) the conflict took on an internationalized character but it was still coded as "internal" if the conflict occurred between the government of a state and one or more internal opposition group(s) with intervention from other states on one or both sides (e.g., Iraqi conflict and Coalition Forces). Conflicts were coded as "interstate" if the conflict occurred between two or more states.

Population size: The logged midyear country population of each nation state. Source: U.S. Government Census International Data Base.

Time: Measured as a count variable, given as core of one in 1981 and continuing in increments of one for each subsequent year.

Former colonial experience: A dichotomous variable to indicate whether a country had experience of a colonial relationship with the following colonial powers: French, Spanish, British, Portuguese, Ottoman, and Soviet.

The variable for Sovietistreatedasthebaseline category since communism is historically associated with better treatment of women. Measured 1 if a country had such a relationship and 0 other wise (Hensel 1999). In cases where a country had been colonized by more than one world power, it was coded as a '1' for the power in control at the time of independence. *Source*: Paul Hensel's International Correlates of War (ICOW) Colonial History Data Set. [Online] Available: <http://www.paulhensel.org/dataintl.html#socsci>

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