Replicación 1 – Reporte

Castro, Ballesteros, Cilveti

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El presente reporte contiene la replicación del paper:

Ebonya L. Washington. Female Socialization: How Daughters Affect Their Legislator Fathers' Voting on Women's Issues. *The American Economic Review*, 98(1): 311-332, 2008.

y forma parte del curso de Metodología Política Avanzada impartido por el Dr. Adrián Lucardi en el Instituto Tecnológico Autónomo de México (ITAM), semestre otoño 2018.

La replicación consiste del presente documento, el Script Replicación1-Script.R y el archivo de trabajo de R Markdown Replicación1-Reporte.Rmd.

```
library (lfe)
library (ggplot2)
library (readstata13)
library (stargazer)
library(tidyverse)
library(ggrepel)
library(ggthemes)
library(cowplot)
library(dplyr)

setwd ("/Volumes/RAC BANXICO/Semestre Otoño 2018/Metodología Política

→ Avanzada/Replicacion 01/Archivos de Trabajo")
genold108 <- read.dta13 ("genold108.dta")
basic <- read.dta13 ("basic.dta")</pre>
```

I. Replicación

(1) Congresos.

La base original contiene información sobre cuatro Congresos estadounidenses (105to-108vo, de 1997-2004). Sin embargo, cada modelo se centra en los legisladores de un solo Congreso. Comienza creando 4 bases distintas, una para cada Congreso.

(2) Estadísticas descriptivas

Tabla 2 con errores robustos y agrupados

Notemos que al usar errores robustos o agrupados, no cambian los coeficientes estimados de la regresión sino únicamente los erroes estimados. Estos son marginalmente mayores.

Mismo modelo, menos controles

Todos los Congresos juntos. Distintos tipos de errores.

Table 1: Table 2 - Impact of Female Children on Legislator Voting on Women's Issues

| | | $Dependent\ variable:$ | | | | | | | |
|---------------------------|-------------------|------------------------|-------------------|-------------------|--------------------|--|--|--|--|
| | nowtot | | aa | uw | | | | | |
| | (1) | (2) | (3) | (4) | (5) | | | | |
| Number of female children | 2.300 | 2.385 | 1.688 | 2.421 | 2.250 | | | | |
| | (1.038) | (1.124) | (1.136) | (1.092) | (1.145) | | | | |
| Female | 10.838 | 9.194 | 10.440 | $7.564^{'}$ | 6.909 | | | | |
| | (2.690) | (2.910) | (2.881) | (2.618) | (2.730) | | | | |
| White | 1.860 | 0.144 | $2.594^{'}$ | $-2.626^{'}$ | 1.939 | | | | |
| | (3.451) | (3.676) | (3.833) | (3.150) | (3.211) | | | | |
| Republican | -44.903 | -60.468 | -55.927 | -63.216 | -63.932 | | | | |
| _ | (2.109) | (2.280) | (2.335) | (2.120) | (2.436) | | | | |
| Age | 0.661 | $0.854^{'}$ | $2.034^{'}$ | 1.298 | 2.300 | | | | |
| | (0.800) | (0.860) | (0.902) | (0.799) | (0.860) | | | | |
| Age squared | -0.006 | -0.006 | $-0.018^{'}$ | -0.012 | -0.021 | | | | |
| | (0.008) | (0.008) | (0.009) | (0.007) | (0.008) | | | | |
| Service length | 0.235 | -0.208 | $-0.726^{'}$ | $-0.100^{'}$ | -0.139 | | | | |
| | (0.300) | (0.324) | (0.380) | (0.346) | (0.327) | | | | |
| Service length squared | -0.009 | 0.004 | $0.025^{'}$ | -0.0002 | 0.004 | | | | |
| - | (0.010) | (0.011) | (0.013) | (0.011) | (0.010) | | | | |
| No religion | 7.262 | 5.671 | 5.353 | $7.027^{'}$ | $-7.137^{'}$ | | | | |
| | (7.022) | (7.606) | (7.791) | (7.176) | (7.499) | | | | |
| Catholic | -3.974 | $-4.505^{'}$ | $-2.277^{'}$ | -4.016 | -5.468 | | | | |
| | (1.941) | (2.091) | (2.129) | (1.987) | (2.077) | | | | |
| Other Christian | 0.769 | 3.204 | 1.690 | 1.646 | 3.874 | | | | |
| | (4.600) | (4.983) | (4.912) | (4.491) | (4.684) | | | | |
| Other religion | 10.866 | 9.683 | 11.890 | 10.286 | 3.156 | | | | |
| | (3.752) | (4.047) | (4.343) | (3.785) | (3.959) | | | | |
| Democratic vote share | 84.158 | 62.148 | 57.437 | 56.206 | 66.950 | | | | |
| | (10.869) | (11.568) | (12.018) | (9.092) | (10.889) | | | | |
| Observations | 430 | 434 | 434 | 434 | 433 | | | | |
| \mathbb{R}^2 | 0.820 | 0.840 | 0.814 | 0.865 | 0.859 | | | | |
| Adjusted R ² | 0.806 | 0.828 | 0.801 | 0.855 | 0.847 | | | | |
| Residual Std. Error | 16.093 (df = 398) | 17.441 (df = 402) | 17.880 (df = 403) | 16.491 (df = 402) | 17.230 (df = 400) | | | | |

Table 2: Robust Errors. Table 2 - Impact of Female Children on Legislator Voting on Women's Issues

| | | <u> </u> | | | | |
|---------------------------|-------------------|-------------------|------------------------|-------------------|-------------------|--|
| | | | $Dependent\ variable:$ | | | |
| | nowtot | | aa | aauw | | |
| | (1) | (2) | (3) | (4) | (5) | |
| Number of female children | 2.300 | 2.385 | 1.688 | 2.421 | 2.250 | |
| | (1.075) | (1.198) | (1.130) | (1.021) | (1.098) | |
| Female | 10.838 | 9.194 | 10.440 | $7.564^{'}$ | 6.909 | |
| | (2.881) | (3.336) | (3.172) | (2.221) | (2.342) | |
| White | 1.860 | $0.144^{'}$ | $2.594^{'}$ | $-2.626^{'}$ | 1.939 | |
| | (3.351) | (3.539) | (3.360) | (3.246) | (2.880) | |
| Republican | -44.903 | -60.468 | $-55.927^{'}$ | -63.216 | $-63.932^{'}$ | |
| - | (2.729) | (2.993) | (2.800) | (2.911) | (3.571) | |
| Age | 0.661 | 0.854 | 2.034 | 1.298 | 2.300 | |
| | (0.793) | (0.997) | (0.861) | (0.833) | (0.806) | |
| Age squared | $-0.006^{'}$ | $-0.006^{'}$ | $-0.018^{'}$ | $-0.012^{'}$ | $-0.021^{'}$ | |
| 0 1 | (0.008) | (0.010) | (0.009) | (0.008) | (0.008) | |
| Service length | 0.235 | $-0.208^{'}$ | $-0.726^{'}$ | $-0.100^{'}$ | $-0.139^{'}$ | |
| 3 | (0.282) | (0.320) | (0.352) | (0.387) | (0.325) | |
| Service length squared | $-0.009^{'}$ | 0.004 | $0.025^{'}$ | -0.0002 | $0.004^{'}$ | |
| 0 1 | (0.010) | (0.012) | (0.010) | (0.012) | (0.011) | |
| No religion | $7.262^{'}$ | 5.671 | 5.353 | 7.027 | $-7.137^{'}$ | |
| 9 | (3.173) | (3.468) | (3.269) | (3.530) | (3.455) | |
| Catholic | $-3.974^{'}$ | $-4.505^{'}$ | $-2.277^{'}$ | $-4.016^{'}$ | $-5.468^{'}$ | |
| | (2.227) | (2.435) | (2.265) | (2.039) | (2.165) | |
| Other Christian | 0.769 | 3.204 | 1.690 | 1.646 | 3.874 | |
| | (4.089) | (5.062) | (4.155) | (3.442) | (4.392) | |
| Other religion | 10.866 | 9.683 | 11.890 | 10.286 | 3.156 | |
| 0 | (3.000) | (3.728) | (3.881) | (5.157) | (5.228) | |
| Democratic vote share | 84.158 | 62.148 | 57.437 | 56.206 | 66.950 | |
| | (11.681) | (13.065) | (11.781) | (11.056) | (13.239) | |
| Observations | 430 | 434 | 434 | 434 | 433 | |
| \mathbb{R}^2 | 0.820 | 0.840 | 0.814 | 0.865 | 0.859 | |
| Adjusted R ² | 0.806 | 0.828 | 0.801 | 0.855 | 0.847 | |
| Residual Std. Error | 16.093 (df = 398) | 17.441 (df = 402) | 17.880 (df = 403) | 16.491 (df = 402) | 17.230 (df = 400) | |

 $\hbox{ Table 3: Grouped Errors (by state). Table 2 - Impact of Female Children on Legislator Voting on Women's Issues } \\$

| | | $Dependent\ variable:$ | | | | | | |
|---------------------------|-------------------|------------------------|---------------------|-------------------|--------------------|--|--|--|
| | nowtot | | aa | aauw | | | | |
| | (1) | (2) | (3) | (4) | (5) | | | |
| Number of female children | 2.300 | 2.385 | 1.688 | 2.421 | 2.250 | | | |
| | (1.045) | (1.068) | (0.942) | (1.021) | (0.896) | | | |
| Female | 10.838 | 9.194 | 10.440 | $7.564^{'}$ | 6.909 | | | |
| | (2.839) | (3.249) | (3.293) | (2.034) | (2.172) | | | |
| White | 1.860 | $0.144^{'}$ | $2.594^{'}$ | $-2.626^{'}$ | 1.939 | | | |
| | (3.327) | (3.293) | (3.146) | (2.923) | (2.598) | | | |
| Republican | -44.903 | -60.468 | $-\dot{55.927}^{'}$ | -63.216 | $-63.932^{'}$ | | | |
| _ | (2.875) | (3.947) | (3.461) | (3.468) | (3.907) | | | |
| Age | 0.661 | $0.854^{'}$ | 2.034 | 1.298 | 2.300 | | | |
| | (0.794) | (1.100) | (0.700) | (0.914) | (0.870) | | | |
| Age squared | -0.006 | -0.006 | -0.018 | -0.012 | $-0.021^{'}$ | | | |
| | (0.008) | (0.012) | (0.007) | (0.009) | (0.008) | | | |
| Service length | 0.235 | $-0.208^{'}$ | $-0.726^{'}$ | $-0.100^{'}$ | $-0.139^{'}$ | | | |
| | (0.254) | (0.333) | (0.419) | (0.431) | (0.365) | | | |
| Service length squared | -0.009 | 0.004 | 0.025 | -0.0002 | 0.004 | | | |
| | (0.008) | (0.011) | (0.011) | (0.013) | (0.011) | | | |
| No religion | 7.262 | 5.671 | 5.353 | 7.027 | -7.137 | | | |
| | (2.141) | (3.131) | (2.858) | (2.499) | (3.122) | | | |
| Catholic | $-3.974^{'}$ | $-4.505^{'}$ | $-2.277^{'}$ | $-4.016^{'}$ | $-5.468^{'}$ | | | |
| | (1.875) | (2.154) | (1.894) | (1.622) | (2.538) | | | |
| Other Christian | 0.769 | 3.204 | 1.690 | 1.646 | 3.874 | | | |
| | (5.501) | (5.660) | (5.667) | (4.095) | (5.061) | | | |
| Other religion | 10.866 | 9.683 | 11.890 | 10.286 | 3.156 | | | |
| | (2.738) | (3.093) | (3.301) | (4.750) | (4.955) | | | |
| Democratic vote share | 84.158 | 62.148 | 57.437 | 56.206 | $\hat{66.950}^{'}$ | | | |
| | (12.887) | (13.112) | (14.506) | (12.625) | (15.169) | | | |
| Observations | 430 | 434 | 434 | 434 | 433 | | | |
| \mathbb{R}^2 | 0.820 | 0.840 | 0.814 | 0.865 | 0.859 | | | |
| Adjusted R ² | 0.806 | 0.828 | 0.801 | 0.855 | 0.847 | | | |
| Residual Std. Error | 16.093 (df = 398) | 17.441 (df = 402) | 17.880 (df = 403) | 16.491 (df = 402) | 17.230 (df = 400) | | | |

 $\begin{tabular}{ll} Table 4: Table 2 - Impact of Female Children on Legislator Voting on Women's Issues. Grouped SE. \\ \end{tabular}$

| | | $Dependent\ variable:$ | | | | | | |
|---------------------------|-------------------|------------------------|--------------------|-----------------------|--------------------|--|--|--|
| | nowtot | nowtot aauw | | | | | | |
| | (1) | (2) | (3) | (4) | (5) | | | |
| Number of female children | 3.045 | 3.212 | 2.030 | 3.926 | 1.980 | | | |
| | (1.385) | (1.580) | (1.565) | (1.900) | (1.685) | | | |
| Democratic vote share | 194.973 | 211.872 | 199.377 | 202.919 | 230.192 | | | |
| | (9.780) | (15.657) | (14.276) | (7.979) | (11.116) | | | |
| 1 child | 1.500 | 2.640 | -0.634 | 7.041 | -3.159 | | | |
| | (4.213) | (5.707) | (5.923) | (7.551) | (8.013) | | | |
| 2 children | -5.109 | $-3.967^{'}$ | $-5.607^{'}$ | $-6.173^{'}$ | -10.130° | | | |
| | (3.655) | (5.252) | (5.377) | (6.541) | (6.006) | | | |
| 3 children | $-6.370^{'}$ | $-5.690^{'}$ | $-6.585^{'}$ | $-7.309^{'}$ | $-12.044^{'}$ | | | |
| | (3.693) | (4.643) | (4.371) | (5.434) | (5.593) | | | |
| 4 children | -14.191 | -14.759 | -13.418 | -13.414 | -16.816 | | | |
| | (5.245) | (6.811) | (5.537) | (6.867) | (6.819) | | | |
| 5 children | -14.617 | -17.421 | -16.784 | -18.475 | -22.289 | | | |
| y chindren | (6.248) | (7.698) | (6.760) | (6.816) | (7.892) | | | |
| 5 children | -19.307 | -23.724 | -33.559 | -40.423 | -35.529 | | | |
| o children | (12.512) | (15.196) | (10.686) | (10.762) | (11.661) | | | |
| 7 children | -15.330 | (15.190) -15.142 | (10.080) -7.486 | 1.588 | 5.563 | | | |
| 7 children | | | | | (21.630) | | | |
| 8 children | (6.346) -38.809 | (9.537) | (19.620) -35.131 | $(23.067) \\ -36.404$ | (21.030) -24.367 | | | |
| S children | | -51.481 | | | | | | |
| 2 1:11 | (12.331) | (16.511) | (12.320) | (15.346) | (14.650) | | | |
|) children | -28.997 | -34.498 | | -43.313 | -44.182 | | | |
| | (8.110) | (10.431) | | (16.133) | (14.943) | | | |
| 10 children | -34.150 | -38.184 | -28.730 | -37.821 | -30.131 | | | |
| | (6.378) | (8.801) | (7.805) | (8.445) | (11.271) | | | |
| Region 2 | | | | | -58.875 | | | |
| | | | | | (12.520) | | | |
| Region 3 | -23.929 | -25.954 | -19.362 | -17.861 | -23.916 | | | |
| | (5.948) | (7.390) | (7.300) | (5.570) | (4.080) | | | |
| Region 4 | -21.734 | -22.880 | -21.002 | -13.984 | -19.890 | | | |
| | (6.445) | (7.889) | (6.571) | (6.138) | (4.418) | | | |
| Region 5 | -20.268 | -15.622 | -13.419 | -4.765 | -11.443 | | | |
| | (7.788) | (9.583) | (8.000) | (7.259) | (5.017) | | | |
| Region 6 | -18.691 | -19.115 | -16.475 | -12.123 | -12.770 | | | |
| | (6.568) | (8.859) | (6.823) | (6.213) | (6.881) | | | |
| Region 7 | $-32.738^{'}$ | $-32.369^{'}$ | $-24.453^{'}$ | -18.554 | $-15.372^{'}$ | | | |
| ~ | (6.711) | (8.602) | (8.514) | (7.702) | (5.614) | | | |
| Region 8 | $-24.374^{'}$ | $-22.701^{'}$ | $-22.623^{'}$ | 2.530 | 3.968 | | | |
| <u> </u> | (10.691) | (11.559) | (11.957) | (9.825) | (8.169) | | | |
| Region 9 | $-30.890^{'}$ | $-36.719^{'}$ | $-27.021^{'}$ | $-9.706^{'}$ | $-13.161^{'}$ | | | |
| | (7.648) | (9.169) | (8.576) | (8.380) | (6.485) | | | |
| Region 1 | -11.924 | -14.026 | -10.373 | -2.842 | -7.758 | | | |
| 10081011 | (6.654) | (8.267) | (7.455) | (7.466) | (6.317) | | | |
| Constant | -33.429 | -36.059 | -26.678 | -46.080 | -50.925 | | | |
| COLLOGIII | (7.881) | (12.101) | (10.510) | (8.176) | (8.790) | | | |
| 01 | , , | | | , | | | | |
| Observations | 430 | 434 | 434 | 434 | 433 | | | |
| \mathbb{R}^2 | 0.569 | 0.515 | 0.491 | 0.527 | 0.592 | | | |
| Adjusted R ² | 0.548 | 0.492 | 0.468 | 0.504 | 0.571 | | | |
| Residual Std. Error | 24.563 (df = 409) | 29.942 (df = 413) | 29.204 (df = 414) | 30.441 (df = 413) | 28.886 (df = 411) | | | |

 $\hbox{ Table 5: Table 2-Impact of Female Children on Legislator Voting on Women's Issues. All Congresses. } \\$

| | Dependent variable: | | | | | |
|------------------------------------|---------------------|-----------------|--------------------------------|--|--|--|
| | | no | wtot | | | |
| | (1 - SE) | (2 - Robust SE) | (3 - Grouped SE by Legislator) | | | |
| ngirls | 2.300 | 2.300 | 2.300 | | | |
| | (1.038) | (1.075) | (1.075) | | | |
| female | 10.838 | 10.838 | 10.838 | | | |
| | (2.690) | (2.881) | (2.881) | | | |
| white | 1.860 | 1.860 | 1.860 | | | |
| | (3.451) | (3.351) | (3.351) | | | |
| repub | $-44.903^{'}$ | $-44.903^{'}$ | $-44.903^{'}$ | | | |
| - | (2.109) | (2.729) | (2.729) | | | |
| age | 0.661 | 0.661 | 0.661 | | | |
| | (0.800) | (0.793) | (0.793) | | | |
| $I(age^2)$ | -0.006 | -0.006 | -0.006 | | | |
| · - / | (0.008) | (0.008) | (0.008) | | | |
| srvlng | $0.235^{'}$ | $0.235^{'}$ | $\stackrel{\cdot}{0}.235$ | | | |
| | (0.300) | (0.282) | (0.282) | | | |
| I(srvlng^2) | -0.009 | -0.009 | -0.009 | | | |
| | (0.010) | (0.010) | (0.010) | | | |
| religionNone | 7.262 | 7.262 | 7.262 | | | |
| _ | (7.022) | (3.173) | (3.173) | | | |
| religionCatholic | -3.974 | -3.974 | -3.974 | | | |
| | (1.941) | (2.227) | (2.227) | | | |
| religionOther Christian | 0.769 | 0.769 | 0.769 | | | |
| | (4.600) | (4.089) | (4.089) | | | |
| religionOther religion | 10.866 | 10.866 | 10.866 | | | |
| | (3.752) | (3.000) | (3.000) | | | |
| demvote | 84.158 | 84.158 | 84.158 | | | |
| | (10.869) | (11.681) | (11.681) | | | |
| Observations | 430 | 430 | 430 | | | |
| \mathbb{R}^2 | 0.820 | 0.820 | 0.820 | | | |
| Adjusted R^2 | 0.806 | 0.806 | 0.806 | | | |
| Residual Std. Error ($df = 398$) | 16.093 | 16.093 | 16.093 | | | |

Afirmaciones

Table 6: ¿Quién tiene más hijes en promedio?

| | | | | | | - | | | |
|--|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|--------------------------|
| | | | | | Dependent variable: | | | | |
| | | | | | as.factor(totchi) | | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| repub | -0.234 (0.294) | -0.483 (0.332) | -0.207 (0.299) | -0.128 (0.340) | -0.274 (0.344) | -0.042 (0.232) | -0.039 (0.217) | -0.038 (0.221) | 0.092 (0.250) |
| nowtot | -0.011 (0.004) | | | | | | | | |
| aauw | | -0.012 (0.004) | -0.009 (0.004) | -0.007 (0.004) | -0.010 (0.004) | | | | |
| rtl | | (* **) | () | () | (* **) | 0.007 (0.003) | 0.007 (0.002) | 0.007 (0.002) | 0.006 (0.003) |
| religionNone | -0.394 (0.674) | -0.438 (0.671) | -1.293 (0.646) | -1.325 (0.651) | -1.291 (0.660) | -0.454 (0.673) | -1.254 (0.644) | -1.270 (0.646) | -1.216 (0.664) |
| religionCatholic | -0.041 (0.178) | -0.102 (0.176) | -0.137 (0.169) | -0.251 (0.171) | -0.118 (0.174) | -0.117 (0.177) | -0.189 (0.169) | -0.274 (0.170) | -0.142 (0.175) |
| religionOther Christian | 1.412 (0.417) | 1.407 (0.416) | 0.903 (0.378) | 0.495 (0.380) | 0.539 (0.386) | 1.400 (0.417) | 0.924 (0.376) | 0.496 (0.377) | 0.532 (0.387) |
| religionOther religion | 0.106 (0.352) | 0.076 (0.349) | 0.133 (0.352) | 0.036 (0.335) | 0.125 (0.340) | 0.097 (0.353) | 0.165 (0.351) | 0.109 (0.333) | 0.151 (0.343) |
| Constant | 3.015 (0.326) | 3.285 (0.367) | 3.066 (0.351) | 2.899 (0.365) | 3.036 (0.365) | 2.079 (0.162) | 2.088 (0.145) | 2.089 (0.148) | 2.049 (0.152) |
| Observations R ² | 430 0.067 | 434 0.071 | 434 0.069 | 434 0.056 | 433 0.060 | 434 0.066 | 434 0.075 | 434 0.068 | 433 0.056 |
| Adjusted R ² Residual Std. Error | 0.054 $1.603 (df = 423)$ | 0.058 $1.600 (df = 427)$ | 0.055 $1.542 (df = 427)$ | 0.042 $1.552 (df = 427)$ | 0.047 $1.580 (df = 426)$ | 0.053 1.604 (df = 427) | 0.062 $1.536 (df = 427)$ | 0.055 1.542 (df = 427) | 0.042 $1.583 (df = 426$ |

Table 7: ¿Quién tiene más hijes en promedio?

| | | | | | Dependent variable: | : | | | |
|-------------------------|------------------|-------------------|------------------|------------------|---------------------|------------------|-------------------|------------------|------------------|
| | | as.factor(totchi) | | | | | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) |
| repub | -0.234 | -0.483 | -0.207 | -0.128 | -0.274 | -0.042 | -0.039 | -0.038 | 0.092 |
| | (0.294) | (0.332) | (0.299) | (0.340) | (0.344) | (0.232) | (0.217) | (0.221) | (0.250) |
| nowtot | -0.011** | | | | | | | | |
| | (0.004) | | | | | | | | |
| aauw | | -0.012*** | -0.009** | -0.007* | -0.010** | | | | |
| | | (0.004) | (0.004) | (0.004) | (0.004) | | | | |
| rtl | | | | | | 0.007** | 0.007*** | 0.007*** | 0.006** |
| | | | | | | (0.003) | (0.002) | (0.002) | (0.003) |
| religionNone | -0.394 | -0.438 | -1.293** | -1.325** | -1.291* | -0.454 | -1.254* | -1.270** | -1.216* |
| | (0.674) | (0.671) | (0.646) | (0.651) | (0.660) | (0.673) | (0.644) | (0.646) | (0.664) |
| religionCatholic | -0.041 | -0.102 | -0.137 | -0.251 | -0.118 | -0.117 | -0.189 | -0.274 | -0.142 |
| | (0.178) | (0.176) | (0.169) | (0.171) | (0.174) | (0.177) | (0.169) | (0.170) | (0.175) |
| religionOther Christian | 1.412*** | 1.407*** | 0.903** | 0.495 | 0.539 | 1.400*** | 0.924** | 0.496 | 0.532 |
| | (0.417) | (0.416) | (0.378) | (0.380) | (0.386) | (0.417) | (0.376) | (0.377) | (0.387) |
| religionOther religion | 0.106 | 0.076 | 0.133 | 0.036 | 0.125 | 0.097 | 0.165 | 0.109 | 0.151 |
| | (0.352) | (0.349) | (0.352) | (0.335) | (0.340) | (0.353) | (0.351) | (0.333) | (0.343) |
| Constant | 3.015*** | 3.285*** | 3.066*** | 2.899*** | 3.036*** | 2.079*** | 2.088*** | 2.089*** | 2.049*** |
| | (0.326) | (0.367) | (0.351) | (0.365) | (0.365) | (0.162) | (0.145) | (0.148) | (0.152) |
| Observations | 430 | 434 | 434 | 434 | 433 | 434 | 434 | 434 | 433 |
| \mathbb{R}^2 | 0.067 | 0.071 | 0.069 | 0.056 | 0.060 | 0.066 | 0.075 | 0.068 | 0.056 |
| Adjusted R ² | 0.054 | 0.058 | 0.055 | 0.042 | 0.047 | 0.053 | 0.062 | 0.055 | 0.042 |
| Residual Std. Error | 1.603 (df = 423) | 1.600 (df = 427) | 1.542 (df = 427) | 1.552 (df = 427) | 1.580 (df = 426) | 1.604 (df = 427) | 1.536 (df = 427) | 1.542 (df = 427) | 1.583 (df = 426 |

Sin efectos fijos por número de hijos, los coeficientes cambian. En particular, el efecto de las hijas ngirls.

Excluyendo congresistas sin hijes

Proporción de mujeres

Table 8: Impact of Female Children on Legislator Voting on Women's Issues - NO totchi (number of children) Fixed Effects

| | | $Dependent\ variable:$ | | | | | | |
|---------------------------|-------------------|------------------------|-------------------|-------------------|-------------------|--|--|--|
| | nowtot | | uw | | | | | |
| | (1) | (2) | (3) | (4) | (5) | | | |
| Number of female children | 0.029 | -0.471 | -0.542 | 0.266 | -0.558 | | | |
| | (0.730) | (0.794) | (0.811) | (0.737) | (0.770) | | | |
| Female | 10.869 | 9.529 | 10.409 | 7.478 | 6.943 | | | |
| | (2.676) | (2.914) | (2.872) | (2.580) | (2.719) | | | |
| White | 1.593 | 0.613 | 2.828 | -2.729 | 1.429 | | | |
| | (3.389) | (3.639) | (3.766) | (3.105) | (3.208) | | | |
| Republican | $-45.573^{'}$ | -61.169 | $-\hat{56.567}$ | -64.041 | $-64.403^{'}$ | | | |
| | (2.094) | (2.280) | (2.316) | (2.088) | (2.429) | | | |
| Age | 0.618 | 0.902 | 1.746 | 1.179 | 1.934 | | | |
| | (0.783) | (0.847) | (0.883) | (0.772) | (0.825) | | | |
| Age squared | -0.006 | -0.008 | -0.016 | -0.011 | -0.018 | | | |
| | (0.007) | (0.008) | (0.008) | (0.007) | (0.008) | | | |
| Service length | 0.278 | $-0.157^{'}$ | $-0.575^{'}$ | 0.006 | -0.064 | | | |
| | (0.297) | (0.323) | (0.373) | (0.339) | (0.324) | | | |
| Service length squared | -0.011 | -0.0003 | 0.019 | $-0.003^{'}$ | 0.002 | | | |
| | (0.010) | (0.011) | (0.013) | (0.011) | (0.010) | | | |
| No religion | 8.636 | 6.494 | 6.514 | 7.679 | -4.635 | | | |
| | (6.989) | (7.618) | (7.745) | (7.124) | (7.522) | | | |
| Catholic | -4.013 | $-4.825^{'}$ | $-2.435^{'}$ | $-4.379^{'}$ | $-5.027^{'}$ | | | |
| | (1.909) | (2.071) | (2.108) | (1.953) | (2.052) | | | |
| Other Christian | 0.068 | 0.961 | -0.336 | -0.061 | 2.259 | | | |
| | (4.419) | (4.815) | (4.723) | (4.284) | (4.498) | | | |
| Other religion | 10.903 | 9.922 | 11.593 | 9.837 | 3.013 | | | |
| | (3.751) | (4.074) | (4.335) | (3.766) | (3.983) | | | |
| Democratic vote share | 83.877 | 63.458 | 58.016 | 56.978 | $\hat{67.027}$ | | | |
| | (10.734) | (11.508) | (11.825) | (8.939) | (10.804) | | | |
| Observations | 430 | 434 | 434 | 434 | 433 | | | |
| \mathbb{R}^2 | 0.814 | 0.833 | 0.810 | 0.862 | 0.852 | | | |
| Adjusted R ² | 0.805 | 0.825 | 0.800 | 0.855 | 0.844 | | | |
| Residual Std. Error | 16.130 (df = 408) | 17.595 (df = 412) | 17.898 (df = 412) | 16.491 (df = 412) | 17.418 (df = 411) | | | |

Table 9: Impact of Female Children on Legislator Voting on Women's Issues, excluding members of Congress without children.

| | | $Dependent\ variable:$ | | | | | | | |
|---------------------------|--------------------|------------------------|--------------------|-------------------|---------------------|--|--|--|--|
| | nowtot | | aa | uw | | | | | |
| | (1) | (2) | (3) | (4) | (5) | | | | |
| Number of female children | 2.244 | 2.392 | 1.609 | 2.462 | 2.327 | | | | |
| | (1.031) | (1.126) | (1.151) | (1.052) | (1.161) | | | | |
| Female | 11.494 | 10.022 | 12.666 | 8.633 | 8.566 | | | | |
| | (2.807) | (3.065) | (3.098) | (2.751) | (3.021) | | | | |
| White | 1.756 | 1.721 | 2.008 | $-3.530^{'}$ | $-0.448^{'}$ | | | | |
| | (3.660) | (3.973) | (4.137) | (3.193) | (3.610) | | | | |
| Republican | $-45.296^{'}$ | $-\hat{59.537}^{'}$ | $-55.479^{'}$ | $-62.224^{'}$ | $-64.375^{'}$ | | | | |
| • | (2.259) | (2.464) | (2.541) | (2.179) | (2.662) | | | | |
| Age | $0.564^{'}$ | 0.731 | 1.686 | 0.754 | 2.364 | | | | |
| 3 | (0.942) | (1.023) | (1.094) | (0.915) | (1.083) | | | | |
| Age squared | $-0.005^{'}$ | $-0.006^{'}$ | $-0.016^{'}$ | $-0.006^{'}$ | $-0.022^{'}$ | | | | |
| 3 1 | (0.009) | (0.010) | (0.010) | (0.008) | (0.010) | | | | |
| Service length | 0.231 | $-0.106^{'}$ | $-0.642^{'}$ | $-0.353^{'}$ | $-0.203^{'}$ | | | | |
| 3 | (0.315) | (0.343) | (0.402) | (0.346) | (0.344) | | | | |
| Service length squared | $-0.007^{'}$ | 0.003 | 0.024 | 0.009 | 0.009 | | | | |
| 0 1 | (0.010) | (0.011) | (0.013) | (0.011) | (0.011) | | | | |
| No religion | 7.276 | 5.821 | 3.744 | 2.670 | $-\hat{1}1.407^{'}$ | | | | |
| 9 | (8.377) | (9.156) | (10.890) | (9.531) | (10.489) | | | | |
| Catholic | $-4.279^{'}$ | $-4.258^{'}$ | $-1.740^{'}$ | $-2.993^{'}$ | $-5.186^{'}$ | | | | |
| | (2.088) | (2.268) | (2.320) | (2.050) | (2.261) | | | | |
| Other Christian | 3.050 | 5.516 | 3.420 | 3.811 | 6.699 | | | | |
| | (4.757) | (5.200) | (5.287) | (4.578) | (5.041) | | | | |
| Other religion | 11.341 | 10.072 | 13.194 | 10.798 | 4.617 | | | | |
| <u> </u> | (3.999) | (4.364) | (4.705) | (3.842) | (4.256) | | | | |
| Democratic vote share | 83.907 | 67.478 | 55.951 | 58.934 | 58.631 | | | | |
| | (11.572) | (12.627) | (13.016) | (9.195) | (11.840) | | | | |
| Observations | 371 | 374 | 378 | 379 | 379 | | | | |
| \mathbb{R}^2 | 0.827 | 0.842 | 0.814 | 0.877 | 0.857 | | | | |
| Adjusted R ² | 0.812 | 0.828 | 0.799 | 0.866 | 0.844 | | | | |
| Residual Std. Error | 15.943 (df = 340) | 17.430 (df = 343) | 18.100 (df = 348) | 15.845 (df = 348) | 17.421 (df = 34) | | | | |

Table 10: Proporción de mujeres por partido político

| | Depender | nt variable: |
|-------------------------|---------------------------|-----------------------------|
| | ngirls | /totchi |
| | (1) | (2) |
| repub | -0.042 | -0.040 |
| Constant | (0.033) 0.542 (0.024) | (0.017) 0.533 (0.012) |
| Observations | 374 | 1,511 |
| \mathbb{R}^2 | 0.004 | 0.004 |
| Adjusted R ² | 0.002 | 0.003 |
| Residual Std. Error | 0.318 (df = 372) | 0.328 (df = 1509) |

Table 11: Impact of Female Children on Legislator Voting on Women's Issues (using RTL)

| | | Dependen | t variable: | | | | | |
|---------------------------|--------------------|-------------------|--------------------|----------------------|--|--|--|--|
| | I(100 - rtl) | | | | | | | |
| | (1) | (2) | (3) | (4) | | | | |
| Number of female children | 3.347 | 3.437 | 4.403 | 2.554 | | | | |
| | (1.535) | (1.668) | (1.652) | (1.467) | | | | |
| Female | 15.858 | $16.136^{'}$ | 13.789 | $10.319^{'}$ | | | | |
| | (3.975) | (4.232) | (3.960) | (3.496) | | | | |
| White | $-1.348^{'}$ | $-1.882^{'}$ | $-4.850^{'}$ | $-0.111^{'}$ | | | | |
| | (5.020) | (5.631) | (4.765) | (4.111) | | | | |
| Republican | $-38.220^{'}$ | $-40.049^{'}$ | $-40.124^{'}$ | $-42.165^{'}$ | | | | |
| • | (3.114) | (3.430) | (3.207) | (3.119) | | | | |
| Age | $-0.266^{'}$ | 1.707 | 1.808 | $2.735^{'}$ | | | | |
| | (1.175) | (1.325) | (1.209) | (1.101) | | | | |
| Age squared | $0.004^{'}$ | $-0.014^{'}$ | $-0.013^{'}$ | $-0.023^{'}$ | | | | |
| | (0.011) | (0.012) | (0.011) | (0.010) | | | | |
| Service length | $-0.059^{'}$ | $-0.806^{'}$ | $-0.578^{'}$ | $-0.014^{'}$ | | | | |
| | (0.442) | (0.558) | (0.523) | (0.418) | | | | |
| Service length squared | $0.002^{'}$ | 0.019 | 0.010 | -0.006 | | | | |
| - | (0.015) | (0.019) | (0.017) | (0.013) | | | | |
| No religion | [5.577] | $4.403^{'}$ | $1.630^{'}$ | 3.294 | | | | |
| <u> </u> | (10.388) | (11.444) | (10.855) | (9.603) | | | | |
| Catholic | $-9.365^{'}$ | $-10.018^{'}$ | $-9.388^{'}$ | $-10.942^{'}$ | | | | |
| | (2.856) | (3.127) | (3.006) | (2.660) | | | | |
| Other Christian | $-0.899^{'}$ | 1.621 | 2.807 | $2.405^{'}$ | | | | |
| | (6.806) | (7.215) | (6.793) | (5.997) | | | | |
| Other religion | 19.006 | 19.878 | 16.915 | 10.761 | | | | |
| | (5.528) | (6.379) | (5.725) | (5.070) | | | | |
| Democratic vote share | 104.730 | $106.230^{'}$ | 101.608 | $1\overline{23.127}$ | | | | |
| | (15.800) | (17.652) | (13.753) | (13.943) | | | | |
| Observations | 434 | 434 | 434 | 433 | | | | |
| \mathbb{R}^2 | 0.696 | 0.680 | 0.721 | 0.775 | | | | |
| Adjusted R^2 | 0.673 | 0.656 | 0.699 | 0.757 | | | | |
| Residual Std. Error | 23.821 (df = 402) | 26.264 (df = 403) | 24.944 (df = 402) | 22.062 (df = 400) | | | | |