

## **Supplemental Appendix to “Lawmaker Age, Issue Salience, and Senior Representation in Congress”**

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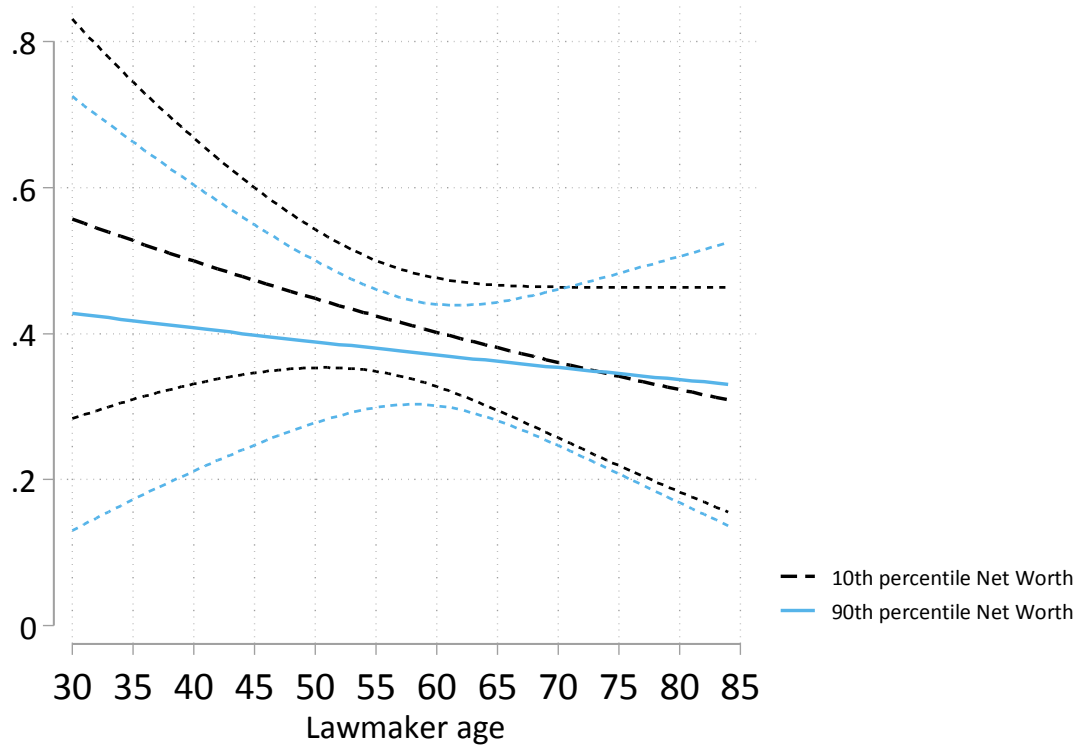
This supplemental appendix presents additional negative binomial regression analyses replicating those in Table 3, but including additional independent variables. Table A-1 includes interactions between each sponsor’s age and their estimated net worth, as well as predicted effects (shown in Figure A-1 and Figure A-2). Table A-2 include dummy variables indicating if a lawmaker was a committee chair or ranking member, as well as interactions between those variables and the dummies for the Energy & Commerce committee and Ways & Means committee.

**TABLE A-1**  
**Predicting the Number of Senior Issue Bills Introduced by Members of Congress**

	All senior issue bills			Higher-salience senior issue bill			Lower-salience senior issue bills		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
District senior power index	0.121** (0.030)			0.136** (0.034)			0.066 (0.051)		
% district population over 65		0.068** (0.019)			0.081** (0.021)			0.024 -0.0329	
Social Security spending (in millions)			0.004** (0.001)			0.005** (0.001)			0.003 (0.002)
Age	0.000 (0.008)	0.000 (0.008)	-0.001 (0.008)	-0.011 (0.009)	-0.010 (0.009)	-0.011 (0.009)	0.026* (0.013)	0.025* (0.013)	0.026* (0.013)
Democrat	0.209 (0.185)	0.147 (0.185)	0.270 (0.187)	0.461* (0.221)	0.391 (0.220)	0.521* (0.223)	-0.330 (0.298)	-0.370 (0.295)	-0.275 (0.302)
DW-NOMINATE (first-dimension)	0.038 (0.179)	0.042 (0.179)	0.037 (0.179)	0.117 (0.213)	0.122 (0.213)	0.115 (0.213)	-0.069 (0.280)	-0.071 (0.280)	-0.068 (0.281)
Chamber seniority	-0.015 (0.018)	-0.016 (0.018)	-0.014 (0.018)	-0.006 (0.021)	-0.008 (0.021)	-0.005 (0.021)	-0.031 (0.029)	-0.031 (0.029)	-0.030 (0.029)
Estimated Net worth (in millions)	-0.137 (0.075)	-0.142 (0.076)	-0.133 (0.075)	-0.064 (0.085)	-0.068 (0.086)	-0.061 (0.085)	-0.320* (0.128)	-0.329* (0.128)	-0.313* (0.128)
Age × Estimated Net worth	0.002 (0.001)	0.002 (0.001)	0.002 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.005* (0.002)	0.005** (0.002)	0.005* (0.002)
Female	0.331* (0.158)	0.328* (0.158)	0.334* (0.158)	0.388* (0.181)	0.385* (0.181)	0.392* (0.182)	0.258 (0.256)	0.260 (0.256)	0.258 (0.257)
Ways & Means Committee	1.224** (0.167)	1.210** (0.167)	1.235** (0.167)	1.429** (0.184)	1.412** (0.184)	1.444** (0.184)	0.512 (0.301)	0.507 (0.300)	0.520 (0.301)
Energy & Commerce Committee	0.766** (0.154)	0.764** (0.155)	0.761** (0.154)	0.933** (0.173)	0.933** (0.173)	0.928** (0.173)	0.272 (0.266)	0.269 (0.266)	0.272 (0.266)
# of bills introduced	0.043** (0.005)	0.043** (0.005)	0.043** (0.005)	0.039** (0.005)	0.039** (0.005)	0.039** (0.005)	0.041** (0.006)	0.041** (0.006)	0.041** (0.006)
110th Congress	-0.349** (0.122)	-0.304* (0.121)	-0.390** (0.124)	-0.371** (0.142)	-0.324* (0.141)	-0.409** (0.144)	-0.315 (0.199)	-0.285 (0.197)	-0.359 (0.203)
constant	-1.667** (0.413)	-2.499** (0.496)	-2.589** (0.489)	-1.641** (0.468)	-2.638** (0.556)	-2.633** (0.550)	-3.862** (0.723)	-4.123** (0.876)	-4.527** (0.848)
N	884	884	884	884	884	884	884	884	884

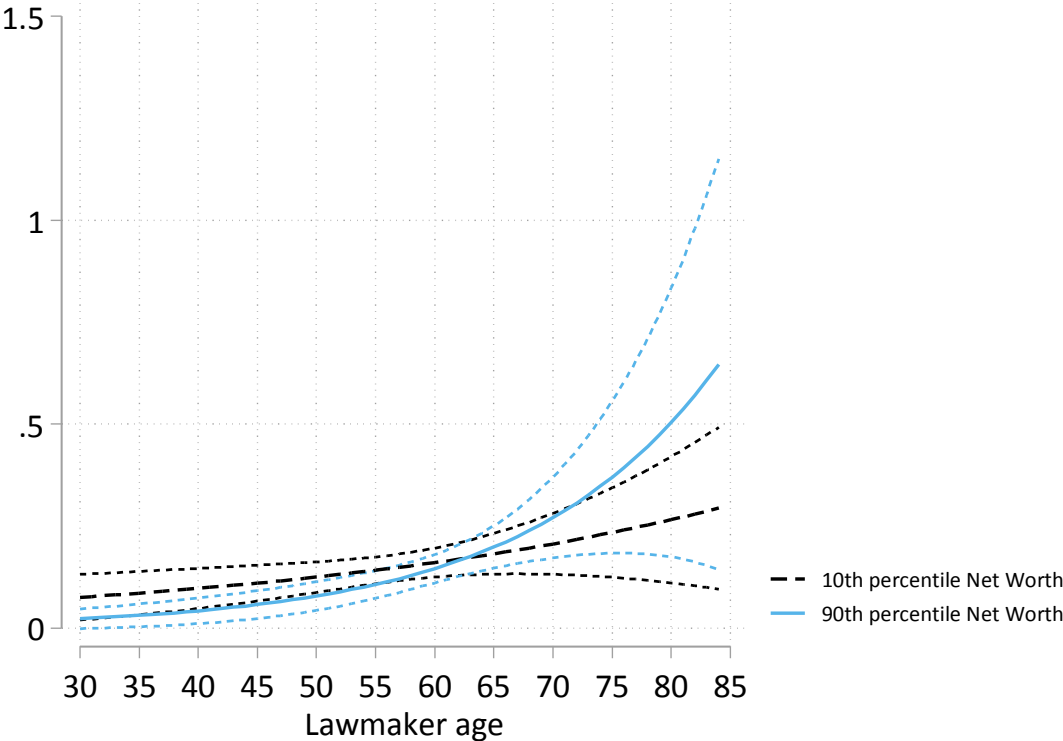
Notes: \* p<.05, \*\* p<.01. Coefficients are derived using negative binomial regression analysis.

**FIGURE A-1**  
**Lawmaker Age × Estimated Net Worth Predicted Number of Higher Salience Senior Issue Bills Introduced**



Source: Table A-1, column 4.

**FIGURE A-2**  
**Lawmaker Age × Estimated Net Worth Predicted Number of Lower Salience Senior Issue Bills Introduced**



Source: Table A-1, column 7.

**TABLE A-2**  
**Predicting the Number of Senior Issue Bills Introduced by Members of Congress**

	All senior issue bills			Higher-salience senior issue bill		Lower-salience senior issue bills			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
District senior power index	0.119** (0.030)			0.134** (0.034)			0.072 (0.051)		
% district population over 65		0.068** (0.019)			0.080** (0.021)			0.030 -0.0321	
Social Security spending (in millions)			0.004** (0.001)			0.005** (0.001)			0.003 (0.002)
Age	0.001 (0.007)	0.001 (0.007)	0.000 (0.007)	-0.011 (0.009)	-0.010 (0.009)	-0.012 (0.009)	0.032* (0.013)	0.032* (0.013)	0.032* (0.013)
Democrat	0.284 (0.187)	0.223 (0.187)	0.343 (0.189)	0.545* (0.223)	0.477* (0.222)	0.602** (0.226)	-0.202 (0.305)	-0.243 (0.303)	-0.150 (0.308)
DW-NOMINATE (first-dimension)	0.112 (0.182)	0.115 (0.182)	0.111 (0.182)	0.223 (0.216)	0.228 (0.216)	0.221 (0.216)	-0.016 (0.291)	-0.016 (0.290)	-0.017 (0.291)
Chamber seniority	0.014 (0.020)	0.013 (0.020)	0.016 (0.020)	0.023 (0.023)	0.021 (0.023)	0.025 (0.023)	0.001 (0.033)	0.001 (0.033)	0.001 (0.033)
Estimated Net worth (in millions)	-0.010 (0.006)	-0.009 (0.006)	-0.010 (0.006)	-0.014 (0.010)	-0.014 (0.009)	-0.014 (0.010)	-0.004 (0.006)	-0.004 (0.006)	-0.004 (0.007)
Female	0.358* (0.156)	0.359* (0.155)	0.359* (0.156)	0.397* (0.179)	0.396* (0.179)	0.399* (0.179)	0.366 (0.252)	0.373 (0.251)	0.362 (0.253)
Ways & Means Committee	1.161** (0.171)	1.147** (0.171)	1.171** (0.170)	1.377** (0.188)	1.360** (0.188)	1.389** (0.188)	0.498 (0.310)	0.490 (0.310)	0.505 (0.310)
Energy & Commerce Committee	0.692** (0.159)	0.684** (0.160)	0.694** (0.159)	0.885** (0.177)	0.879** (0.177)	0.886** (0.177)	0.120 (0.289)	0.111 (0.289)	0.129 (0.289)
Committee Chair	-1.597** (0.548)	-1.613** (0.548)	-1.588** (0.548)	-1.371* (0.625)	-1.383* (0.625)	-1.366* (0.626)	-2.050 (1.048)	-2.072* (1.048)	-2.028 (1.047)
Ranking Member	-0.423 (0.398)	-0.437 (0.399)	-0.410 (0.398)	-0.514 (0.509)	-0.531 (0.509)	-0.498 (0.509)	-0.294 (0.578)	-0.311 (0.579)	-0.277 (0.578)
Ways & Means x Committee Chair	-1.038 (1.281)	-1.077 (1.285)	-1.002 (1.281)	-0.972 (1.312)	-1.017 (1.315)	-0.934 (1.314)	-17.380 (10419.500)	-19.180 (25439.100)	-17.400 (10754.000)
Ways & Means x Ranking Member	0.038 (1.000)	0.063 (1.008)	0.010 (0.994)	0.283 (1.049)	0.322 (1.055)	0.241 (1.046)	-19.120 (17551.500)	-20.960 (43368.400)	-19.160 (18252.200)
Energy & Commerce x Committee Chair	0.499 (0.822)	0.542 (0.825)	0.457 (0.821)	0.177 (0.930)	0.206 (0.933)	0.153 (0.928)	1.274 (1.513)	1.310 (1.513)	1.218 (1.513)
Energy & Commerce x Ranking Member	0.663 (0.727)	0.756 (0.727)	0.553 (0.729)	0.471 (0.883)	0.591 (0.883)	0.337 (0.886)	1.054 (1.051)	1.097 (1.051)	0.981 (1.052)
# of bills introduced	0.045** (0.005)	0.046** (0.005)	0.045** (0.005)	0.041** (0.006)	0.041** (0.006)	0.040** (0.006)	0.046** (0.007)	0.046** (0.007)	0.046** (0.007)
110th Congress	-0.320** (0.122)	-0.277* (0.121)	-0.360** (0.124)	-0.348* (0.141)	-0.303* (0.140)	-0.385** (0.143)	-0.277 (0.202)	-0.245 (0.200)	-0.321 (0.206)
constant	-1.946** (0.393)	-2.788** (0.476)	-2.842** (0.467)	-1.796** (0.444)	-2.796** (0.533)	-2.752** (0.525)	-4.545** (0.716)	-4.899** (0.859)	-5.225** (0.832)
N	884	884	884	884	884	884	884	884	884

Notes: \* p<.05, \*\* p<.01. Coefficients are derived using negative binomial regression analysis.