Online Appendix

"Strategic States:
The Congressional Roots of Federal Grant Applications"
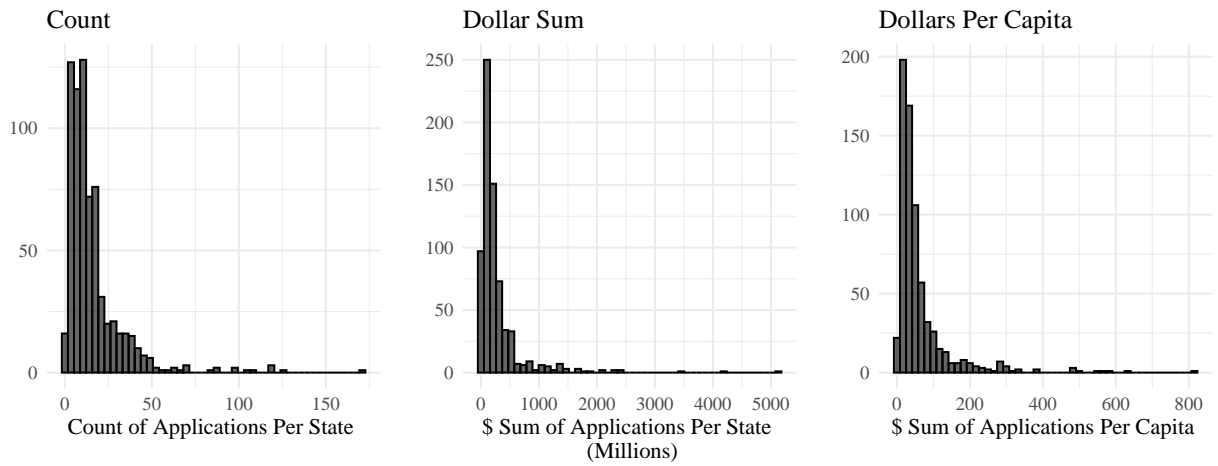
February 23, 2024

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Figure A1: Unlogged Yearly State BUILD Grant Applications

States' yearly BUILD grant applications (count, sum, and sum per capita) are dependent variables in our application aggressiveness analysis (see Figure 1 and Table 1 in the manuscript). Due to the substantial positive skew shown above, we used the natural log of these variables for our analysis.

Table A1: Determinants of BUILD Grant Applications
Including Lagged DV

	Count of Applications (Logged)	Dollar Sum of Applications (Logged)	Application Dollars Per Capita (Logged)
Majority Party Senators	0.09 (0.02)*	0.11 (0.04)*	0.10 (0.04)*
Senators Same Party as Pres.	-0.06 (0.03)*	-0.05 (0.04)	-0.05 (0.04)
Senate Appropriations Sub. Member	0.06 (0.05)	0.02 (0.05)	0.02 (0.05)
Senate Appropriations Chair	0.09 (0.12)	0.21 (0.14)	0.21 (0.14)
Senate Appropriations Rank. Member	-0.03 (0.11)	0.20 (0.26)	0.20 (0.26)
Senate Appropriations Sub. Chair	0.03 (0.13)	0.01 (0.17)	0.01 (0.17)
Senate Appropriations Sub. Rank. Member	0.34 (0.18)	0.29 (0.39)	0.29 (0.39)
Senate Commerce Member	0.03 (0.05)	-0.03 (0.06)	-0.03 (0.06)
Senate Commerce Chair	0.16 (0.11)	0.12 (0.15)	0.12 (0.15)
Senate Commerce Rank. Member	-0.09 (0.11)	0.01 (0.14)	0.01 (0.14)
% House Delegation in Majority Party	0.08 (0.05)	0.04 (0.07)	0.04 (0.07)
% House Delegation Same Party as Pres	0.10 (0.05)*	0.05 (0.09)	0.05 (0.09)
% House Delegation on Appropriations Sub.	-0.03 (0.24)	-0.06 (0.34)	-0.05 (0.34)
House Appropriations Chair	-0.15 (0.10)	-0.21 (0.15)	-0.21 (0.15)
House Appropriations Rank. Member	-0.02 (0.06)	-0.07 (0.08)	-0.07 (0.08)
House Appropriations Sub. Chair	0.09 (0.14)	0.04 (0.14)	0.04 (0.14)
House Appropriations Sub. Rank. Member	0.07 (0.15)	0.08 (0.19)	0.08 (0.19)
% House Delegation on T & I	-0.05 (0.13)	-0.17 (0.16)	-0.17 (0.17)
House T & I Chair	-0.04 (0.05)	-0.00 (0.08)	-0.00 (0.08)
House T & I Rank. Member	-0.04 (0.10)	-0.01 (0.16)	-0.02 (0.16)
Lagged Count of Proposals (Logged)	0.21 (0.04)*		
Lagged Sum of Proposals (Logged)		0.21 (0.05)*	
Lagged Application $ Per Capita (Logged)			0.21 (0.05)*
State Population (Logged)	0.25 (1.16)	0.97 (1.40)	0.18 (1.41)
Vehicle Miles Traveled (Logged)	0.05 (0.49)	0.28 (0.74)	0.29 (0.74)
HTF Contributions (Logged)	0.32 (0.41)	-0.31 (0.51)	-0.31 (0.51)
Num.Obs.	648	648	648
Std.Errors	by: State	by: State	by: State
FE: State	✓	✓	✓
FE: Year	✓	✓	✓

OLS regression with fixed effects for state and year. Clustered standard errors in parentheses.

Here, we replicate the analysis from Table 1 while including lagged dependent variable in the models. Results do not substantively change.

Table A2: Determinants of BUILD Grant Applications
Including Delaware 2014

	Count of Applications (Logged)	Dollar Sum of Applications (Logged)	Application Dollars Per Capita (Logged)
Majority Party Senators	0.08 (0.02)*	0.09 (0.04)	0.09 (0.04)
Senators Same Party as Pres.	-0.05 (0.03)	-0.03 (0.05)	-0.03 (0.05)
Senate Appropriations Sub. Member	0.07 (0.06)	0.06 (0.08)	0.06 (0.08)
Senate Appropriations Chair	-0.14 (0.16)	-0.04 (0.15)	-0.04 (0.15)
Senate Appropriations Rank. Member	-0.15 (0.14)	0.01 (0.27)	0.01 (0.27)
Senate Appropriations Sub. Chair	0.07 (0.16)	0.06 (0.24)	0.06 (0.24)
Senate Appropriations Sub. Rank. Member	0.25 (0.18)	0.24 (0.40)	0.24 (0.40)
Senate Commerce Member	0.01 (0.06)	-0.06 (0.08)	-0.06 (0.08)
Senate Commerce Chair	0.26 (0.09)*	0.22 (0.12)	0.22 (0.12)
Senate Commerce Rank. Member	-0.01 (0.15)	0.07 (0.16)	0.07 (0.16)
% House Delegation in Majority Party	0.02 (0.05)	-0.00 (0.07)	-0.00 (0.07)
% House Delegation Same Party as Pres	0.06 (0.07)	0.03 (0.10)	0.03 (0.10)
% House Delegation on Appropriations Sub.	-0.12 (0.30)	-0.11 (0.41)	-0.11 (0.41)
House Appropriations Chair	-0.16 (0.09)	-0.21 (0.12)	-0.21 (0.12)
House Appropriations Rank. Member	-0.08 (0.06)	-0.18 (0.10)	-0.18 (0.10)
House Appropriations Sub. Chair	0.11 (0.20)	0.03 (0.18)	0.03 (0.18)
House Appropriations Sub. Rank. Member	0.12 (0.20)	0.09 (0.21)	0.09 (0.21)
% House Delegation on T & I	0.01 (0.11)	-0.05 (0.15)	-0.05 (0.15)
House T & I Chair	0.03 (0.07)	0.06 (0.11)	0.06 (0.11)
House T & I Rank. Member	0.02 (0.17)	0.02 (0.22)	0.02 (0.22)
State Population (Logged)	-0.11 (1.29)	0.81 (1.58)	-0.19 (1.58)
Vehicle Miles Traveled (Logged)	0.11 (0.57)	0.17 (0.88)	0.17 (0.88)
HTF Contributions (Logged)	0.39 (0.61)	0.18 (0.81)	0.18 (0.81)
Num.Obs.	700	700	700
R2	0.848	0.809	0.739
R2 Adj.	0.827	0.782	0.703
RMSE	0.31	0.46	0.46
Std.Errors	by: State	by: State	by: State
FE: State	✓	✓	✓
FE: Year	✓	✓	✓

OLS regression with fixed effects for state and year. Clustered standard errors in parentheses.

Delaware did not apply for a BUILD grant in 2014. We exclude the zero observation for our analysis presented in the manuscript (Table 1). Here, we take the natural log of the dependent variables plus the lowest existing observation of each variable. Our findings do not substantively change, though the *Majority Party Senators* variable in the second and third columns does not reach statistical significance at the conventional level (p-value = 0.050).

Table A3: Determinants of BUILD Grant Applications
Negative Binomial Regression

	Count of Applications
Majority Party Senators	0.10 (0.02)*
Senators Same Party as Pres.	-0.05 (0.03)
Senate Appropriations Sub. Member	0.03 (0.06)
Senate Appropriations Chair	-0.18 (0.12)
Senate Appropriations Rank. Member	-0.32 (0.13)*
Senate Appropriations Sub. Chair	-0.03 (0.13)
Senate Appropriations Sub. Rank. Member	0.00 (0.29)
Senate Commerce Member	-0.00 (0.05)
Senate Commerce Chair	0.22 (0.11)*
Senate Commerce Rank. Member	0.00 (0.13)
% House Delegation in Majority Party	0.01 (0.05)
% House Delegation Same Party as Pres	0.11 (0.08)
% House Delegation on Appropriations Sub.	-0.32 (0.34)
House Appropriations Chair	-0.16 (0.08)*
House Appropriations Rank. Member	-0.09 (0.05)
House Appropriations Sub. Chair	0.07 (0.22)
House Appropriations Sub. Rank. Member	0.04 (0.19)
% House Delegation on T & I	-0.04 (0.14)
House T & I Chair	0.02 (0.08)
House T & I Rank. Member	0.10 (0.17)
State Population (Logged)	-1.21 (1.21)
Vehicle Miles Traveled (Logged)	0.22 (0.43)
HTF Contributions (Logged)	0.19 (0.60)
Num.Obs.	699
RMSE	5.38
Std.Errors	by: State
FE: State	✓
FE: Year	✓

* $p < 0.05$

Negative Binomial regression with fixed effects for state and year. Clustered standard errors in parenth

Our analysis in the manuscript uses the natural log of the yearly count of state BUILD grant applications, and we use OLS to estimate the effects of Senate representation. See the first column of Table 1 for this analysis. However, as shown above, results of a negative binomial regression on the raw proposal count data are substantively the same.

Table A4: Determinants of BUILD Grant Applications Without Year Fixed Effects

	Count of Applications (Logged)	Dollar Sum of Applications (Logged)	Application Dollars Per Capita (Logged)
Majority Party Senators	0.11 (0.03)*	0.12 (0.04)*	0.12 (0.04)*
Senators Same Party as Pres.	-0.07 (0.04)	-0.08 (0.05)	-0.08 (0.05)
Senate Appropriations Sub. Member	0.13 (0.08)	0.11 (0.10)	0.11 (0.10)
Senate Appropriations Chair	-0.21 (0.15)	-0.11 (0.19)	-0.11 (0.19)
Senate Appropriations Rank. Member	-0.17 (0.09)*	0.06 (0.28)	0.06 (0.28)
Senate Appropriations Sub. Chair	-0.04 (0.25)	-0.11 (0.24)	-0.11 (0.24)
Senate Appropriations Sub. Rank. Member	0.18 (0.17)	0.10 (0.34)	0.10 (0.34)
Senate Commerce Member	0.03 (0.08)	-0.05 (0.10)	-0.05 (0.10)
Senate Commerce Chair	0.24 (0.14)	0.22 (0.17)	0.22 (0.17)
Senate Commerce Rank. Member	-0.06 (0.22)	-0.02 (0.25)	-0.02 (0.25)
% House Delegation in Majority Party	-0.05 (0.09)	-0.10 (0.13)	-0.10 (0.13)
% House Delegation Same Party as Pres	0.14 (0.08)	0.19 (0.11)	0.19 (0.11)
% House Delegation on Appropriations Sub.	-0.08 (0.30)	-0.30 (0.72)	-0.30 (0.72)
House Appropriations Chair	-0.18 (0.17)	-0.23 (0.28)	-0.23 (0.28)
House Appropriations Rank. Member	-0.04 (0.18)	-0.10 (0.23)	-0.10 (0.23)
House Appropriations Sub. Chair	0.18 (0.32)	0.15 (0.33)	0.15 (0.33)
House Appropriations Sub. Rank. Member	0.14 (0.20)	0.14 (0.25)	0.14 (0.25)
% House Delegation on T & I	0.39 (0.20)	0.36 (0.29)	0.36 (0.29)
House T & I Chair	0.06 (0.20)	0.10 (0.31)	0.10 (0.31)
House T & I Rank. Member	0.01 (0.27)	-0.03 (0.38)	-0.03 (0.38)
State Population (Logged)	-0.66 (1.16)	-2.59 (1.43)	-3.59 (1.43)*
Vehicle Miles Traveled (Logged)	-0.96 (0.56)	-0.06 (0.80)	-0.06 (0.80)
HTF Contributions (Logged)	-0.14 (0.37)	-1.14 (0.45)*	-1.14 (0.45)*
Num.Obs.	699	699	699
R2	0.744	0.644	0.513
R2 Adj.	0.714	0.603	0.457
RMSE	0.45	0.63	0.63
Std.Errors	by: State	by: State	by: State
FE: State	✓	✓	✓

OLS regression with fixed effects for state and year. Clustered standard errors in parentheses.

We remove year fixed effects from the models displayed in Table 1, as there is little within-year variation in our independent variables. We report these results above and note that our findings do not substantively change.

Table A5: Determinants of BUILD Grant Applications
With Congress Fixed Effects

	Count of Applications (Logged)	Dollar Sum of Applications (Logged)	Application Dollars Per Capita (Logged)
Majority Party Senators	0.10 (0.02)*	0.10 (0.04)*	0.10 (0.04)*
Senators Same Party as Pres.	-0.06 (0.04)	-0.05 (0.05)	-0.05 (0.05)
Senate Appropriations Sub. Member	0.09 (0.06)	0.05 (0.07)	0.05 (0.07)
Senate Appropriations Chair	-0.16 (0.20)	-0.05 (0.17)	-0.05 (0.17)
Senate Appropriations Rank. Member	-0.17 (0.15)	0.05 (0.29)	0.05 (0.29)
Senate Appropriations Sub. Chair	0.07 (0.23)	0.01 (0.25)	0.01 (0.25)
Senate Appropriations Sub. Rank. Member	0.31 (0.22)	0.25 (0.39)	0.25 (0.39)
Senate Commerce Member	0.01 (0.06)	-0.06 (0.08)	-0.06 (0.08)
Senate Commerce Chair	0.30 (0.12)*	0.26 (0.14)	0.26 (0.14)
Senate Commerce Rank. Member	-0.00 (0.15)	0.07 (0.15)	0.07 (0.15)
% House Delegation in Majority Party	0.04 (0.06)	0.01 (0.07)	0.01 (0.07)
% House Delegation Same Party as Pres	0.11 (0.08)	0.09 (0.10)	0.09 (0.10)
% House Delegation on Appropriations Sub.	-0.04 (0.37)	-0.12 (0.45)	-0.12 (0.45)
House Appropriations Chair	-0.18 (0.10)	-0.22 (0.12)	-0.22 (0.12)
House Appropriations Rank. Member	-0.10 (0.08)	-0.17 (0.09)	-0.17 (0.09)
House Appropriations Sub. Chair	0.10 (0.20)	0.05 (0.17)	0.05 (0.17)
House Appropriations Sub. Rank. Member	0.12 (0.21)	0.11 (0.20)	0.11 (0.20)
% House Delegation on T & I	0.04 (0.12)	-0.05 (0.17)	-0.05 (0.17)
House T & I Chair	0.03 (0.08)	0.06 (0.11)	0.06 (0.11)
House T & I Rank. Member	0.04 (0.16)	0.02 (0.20)	0.02 (0.20)
State Population (Logged)	-0.22 (1.42)	-0.87 (1.56)	-1.87 (1.56)
Vehicle Miles Traveled (Logged)	-0.16 (0.69)	0.16 (0.90)	0.16 (0.90)
HTF Contributions (Logged)	1.20 (0.49)*	0.55 (0.52)	0.55 (0.52)
Num.Obs.	699	699	699
R2	0.812	0.753	0.662
R2 Adj.	0.789	0.722	0.620
RMSE	0.39	0.53	0.53
Std.Errors	by: State	by: State	by: State
FE: State	✓	✓	✓
FE: Congress	✓	✓	✓

OLS regression with fixed effects for state and year. Clustered standard errors in parentheses.

We substitute year fixed effects in Table 1 with Congress fixed effects. We report these results above and note that our findings do not substantively change.

Table A6: Determinants of BUILD Grant Applications
With President Fixed Effects

	Count of Applications (Logged)	Dollar Sum of Applications (Logged)	Application Dollars Per Capita (Logged)
Majority Party Senators	0.11 (0.03)*	0.13 (0.04)*	0.13 (0.04)*
Senators Same Party as Pres.	-0.07 (0.04)	-0.07 (0.05)	-0.07 (0.05)
Senate Appropriations Sub. Member	0.13 (0.08)	0.10 (0.11)	0.10 (0.11)
Senate Appropriations Chair	-0.21 (0.13)	-0.12 (0.16)	-0.12 (0.16)
Senate Appropriations Rank. Member	-0.16 (0.12)	0.08 (0.33)	0.08 (0.33)
Senate Appropriations Sub. Chair	-0.11 (0.21)	-0.23 (0.21)	-0.23 (0.21)
Senate Appropriations Sub. Rank. Member	0.19 (0.12)	0.11 (0.29)	0.11 (0.29)
Senate Commerce Member	0.01 (0.08)	-0.07 (0.11)	-0.07 (0.11)
Senate Commerce Chair	0.29 (0.16)	0.28 (0.19)	0.28 (0.19)
Senate Commerce Rank. Member	-0.09 (0.18)	-0.05 (0.20)	-0.05 (0.20)
% House Delegation in Majority Party	-0.02 (0.08)	-0.05 (0.11)	-0.05 (0.11)
% House Delegation Same Party as Pres	0.15 (0.08)*	0.19 (0.11)	0.19 (0.11)
% House Delegation on Appropriations Sub.	-0.27 (0.31)	-0.53 (0.69)	-0.53 (0.69)
House Appropriations Chair	-0.19 (0.18)	-0.23 (0.27)	-0.23 (0.27)
House Appropriations Rank. Member	-0.03 (0.15)	-0.09 (0.20)	-0.09 (0.20)
House Appropriations Sub. Chair	0.22 (0.29)	0.22 (0.30)	0.22 (0.30)
House Appropriations Sub. Rank. Member	0.18 (0.20)	0.20 (0.26)	0.20 (0.26)
% House Delegation on T & I	0.30 (0.19)	0.25 (0.27)	0.25 (0.27)
House T & I Chair	0.06 (0.17)	0.10 (0.27)	0.10 (0.27)
House T & I Rank. Member	-0.01 (0.24)	-0.06 (0.33)	-0.06 (0.33)
State Population (Logged)	-3.37 (1.50)*	-6.08 (1.92)*	-7.08 (1.92)*
Vehicle Miles Traveled (Logged)	-0.02 (0.66)	1.02 (1.03)	1.02 (1.03)
HTF Contributions (Logged)	-0.09 (0.38)	-1.14 (0.51)*	-1.14 (0.51)*
Num.Obs.	699	699	699
R2	0.754	0.655	0.528
R2 Adj.	0.725	0.614	0.473
RMSE	0.44	0.62	0.62
Std.Errors	by: State	by: State	by: State
FE: State	✓	✓	✓
FE: President	✓	✓	✓

OLS regression with fixed effects for state and year. Clustered standard errors in parentheses.

We substitute year fixed effects in Table 1 with President fixed effects. We report these results above and note that our findings do not substantively change.

Table A7: Determinants of BUILD Grant Efficiency
Collapsed Committee Leadership Variable

	Count of Failed Proposals	Efficiency Ratio
Majority Party Senators	0.12 (0.02)*	-0.01 (0.01)
Senators Same Party as Pres.	-0.07 (0.03)*	0.03 (0.01)
Senate Appropriations Sub. Member	0.04 (0.06)	0.00 (0.01)
Senate Appropriations Leadership	-0.22 (0.08)*	0.09 (0.05)
Senate Commerce Member	-0.03 (0.06)	-0.00 (0.01)
Senate Commerce Chair	0.21 (0.12)	0.02 (0.03)
Senate Commerce Rank. Member	-0.01 (0.13)	0.03 (0.02)
% House Delegation in Majority Party	0.02 (0.06)	-0.00 (0.02)
% House Delegation Same Party as Pres	0.11 (0.10)	0.00 (0.04)
% House Delegation on Appropriations Sub.	-0.17 (0.36)	-0.08 (0.07)
House Appropriations Chair	-0.14 (0.08)	0.03 (0.03)
House Appropriations Rank. Member	-0.09 (0.06)	0.01 (0.01)
House Appropriations Sub. Chair	0.07 (0.22)	-0.04 (0.02)
House Appropriations Sub. Rank. Member	0.05 (0.21)	-0.02 (0.02)
% House Delegation on T & I	0.00 (0.14)	-0.03 (0.06)
House T & I Chair	0.02 (0.08)	-0.02 (0.02)
House T & I Rank. Member	0.06 (0.18)	0.01 (0.02)
Competitive Constituency	0.04 (0.08)	0.02 (0.02)
State Population (Logged)	-1.65 (1.29)	-0.04 (0.31)
Vehicle Miles Traveled (Logged)	0.20 (0.50)	0.01 (0.16)
HTF Contributions (Logged)	0.29 (0.70)	-0.21 (0.13)
Num.Obs.	699	699
R2	0.274	0.410
AIC	3930.2	-830.6
BIC	4312.4	-448.4
RMSE	5.36	0.12
Std.Errors	by: State	by: State
FE: State	✓	✓
FE: Year	✓	✓

Both models include fixed effects for state and year. Clustered standard errors in parentheses.

We estimate the efficiency models here with a single *Senate Appropriations Leadership* variable rather than the multiple category variable used in Table 2. This specification estimates the effect of a state having a senator move into any of the four committee leadership positions. The findings generally match results from Table 2, though the *Senate Appropriations Leadership* does not quite reach statistical significance in the ratio model (p-value = 0.051).

Table A8: Determinants of BUILD Grant Efficiency
Including Delaware 2014

	Count of Failed Proposals	Efficiency Ratio
Majority Party Senators	0.11 (0.02)*	-0.02 (0.01)
Senators Same Party as Pres.	-0.07 (0.03)*	0.02 (0.01)*
Senate Appropriations Sub. Member	0.04 (0.06)	0.00 (0.01)
Senate Appropriations Chair	-0.29 (0.12)*	0.15 (0.06)*
Senate Appropriations Rank. Member	-0.35 (0.12)*	-0.03 (0.04)
Senate Appropriations Sub. Chair	-0.14 (0.15)	0.28 (0.14)*
Senate Appropriations Sub. Rank. Member	-0.03 (0.38)	0.04 (0.19)
Senate Commerce Member	-0.02 (0.06)	0.00 (0.01)
Senate Commerce Chair	0.20 (0.12)	0.03 (0.03)
Senate Commerce Rank. Member	-0.01 (0.13)	0.03 (0.02)
% House Delegation in Majority Party	0.03 (0.06)	-0.00 (0.02)
% House Delegation Same Party as Pres	0.11 (0.09)	0.01 (0.02)
% House Delegation on Appropriations Sub.	-0.18 (0.35)	-0.09 (0.08)
House Appropriations Chair	-0.15 (0.08)	0.03 (0.03)
House Appropriations Rank. Member	-0.09 (0.06)	-0.01 (0.02)
House Appropriations Sub. Chair	0.07 (0.22)	-0.04 (0.02)
House Appropriations Sub. Rank. Member	0.05 (0.21)	-0.02 (0.02)
% House Delegation on T & I	-0.00 (0.14)	-0.02 (0.05)
House T & I Chair	0.02 (0.08)	-0.02 (0.02)
House T & I Rank. Member	0.07 (0.18)	0.00 (0.02)
Competitive Constituency	0.03 (0.09)	0.02 (0.02)
State Population (Logged)	-1.47 (1.31)	0.26 (0.30)
Vehicle Miles Traveled (Logged)	0.20 (0.50)	-0.03 (0.16)
HTF Contributions (Logged)	0.28 (0.68)	-0.21 (0.14)
Num.Obs.	700	700
R2	0.275	0.437
RMSE	5.36	0.12
Std.Errors	by: State	by: State
FE: State	✓	✓
FE: Year	✓	✓

Both models include fixed effects for state and year. Clustered standard errors in parentheses.

Delaware did not apply for a BUILD grant in 2014. We address this issue in two ways. First, we exclude the zero observation for our analysis presented in the manuscript (Table 2). Second, we include the zero observation and rerun the analysis. We report these results above and note that our findings do not substantively change.

Table A9: Determinants of BUILD Grant Efficiency
Including Lagged DV

	Count of Failed Proposals	Efficiency Ratio
Majority Party Senators	0.04 (0.03)	-0.02 (0.01)
Senators Same Party as Pres.	-0.03 (0.04)	0.02 (0.01)*
Senate Appropriations Sub. Member	-0.01 (0.04)	-0.00 (0.02)
Senate Appropriations Chair	-0.40 (0.22)	0.13 (0.06)*
Senate Appropriations Rank. Member	-0.36 (0.14)*	-0.04 (0.04)
Senate Appropriations Sub. Chair	0.07 (0.18)	0.26 (0.12)*
Senate Appropriations Sub. Rank. Member	-0.07 (0.21)	0.01 (0.23)
Senate Commerce Member	-0.02 (0.05)	0.00 (0.02)
Senate Commerce Chair	0.24 (0.06)*	0.03 (0.03)
Senate Commerce Rank. Member	0.14 (0.11)	0.03 (0.02)
% House Delegation in Majority Party	-0.17 (0.07)*	-0.01 (0.02)
% House Delegation Same Party as Pres	0.12 (0.09)	0.02 (0.02)
% House Delegation on Appropriations Sub.	0.00 (0.34)	-0.11 (0.08)
House Appropriations Chair	-0.16 (0.09)	0.03 (0.03)
House Appropriations Rank. Member	-0.27 (0.08)*	-0.01 (0.02)
House Appropriations Sub. Chair	0.06 (0.19)	-0.05 (0.03)*
House Appropriations Sub. Rank. Member	0.09 (0.18)	-0.02 (0.02)
% House Delegation on T & I	0.14 (0.15)	-0.02 (0.04)
House T & I Chair	0.31 (0.11)*	-0.02 (0.02)
House T & I Rank. Member	0.02 (0.09)	-0.01 (0.03)
Lagged Count of Failed Proposals	0.01 (0.00)*	
Lagged Efficiency Ratio		0.02 (0.06)
Competitive Constituency	0.05 (0.09)	0.02 (0.02)
State Population (Logged)	-0.60 (1.28)	0.30 (0.32)
Vehicle Miles Traveled (Logged)	0.63 (0.54)	-0.02 (0.17)
HTF Contributions (Logged)	-0.03 (0.66)	-0.32 (0.19)
Num.Obs.	648	648
Std.Errors	by: State	by: State
FE: State	✓	✓
FE: Year	✓	✓

Both models include fixed effects for state and year. Clustered standard errors in parentheses.

Here, we replicate the analysis from Table 2 while including a lagged dependent variable in the model. Results do not substantively change, though the *p*-value for *Chair of Appropriations Committee* is slightly higher than 0.05 (0.069) in the first column.

Table A10: Determinants of BUILD Grant Efficiency
Without Year Fixed Effects

	Count of Failed Proposals	Efficiency Ratio
Majority Party Senators	0.13 (0.03)*	-0.02 (0.01)
Senators Same Party as Pres.	-0.08 (0.04)*	0.01 (0.01)
Senate Appropriations Sub. Member	0.12 (0.08)	0.00 (0.02)
Senate Appropriations Chair	-0.43 (0.11)*	0.15 (0.07)*
Senate Appropriations Rank. Member	-0.23 (0.09)*	-0.02 (0.02)
Senate Appropriations Sub. Chair	-0.23 (0.17)	0.33 (0.14)*
Senate Appropriations Sub. Rank. Member	0.14 (0.18)	0.06 (0.19)
Senate Commerce Member	-0.02 (0.08)	0.00 (0.02)
Senate Commerce Chair	0.22 (0.15)	0.03 (0.05)
Senate Commerce Rank. Member	-0.09 (0.20)	0.06 (0.02)*
% House Delegation in Majority Party	-0.05 (0.10)	0.00 (0.02)
% House Delegation Same Party as Pres	0.21 (0.10)*	0.05 (0.02)*
% House Delegation on Appropriations Sub.	-0.11 (0.35)	-0.04 (0.10)
House Appropriations Chair	-0.19 (0.15)	0.03 (0.03)
House Appropriations Rank. Member	-0.01 (0.19)	-0.02 (0.03)
House Appropriations Sub. Chair	0.21 (0.34)	-0.09 (0.03)*
House Appropriations Sub. Rank. Member	0.13 (0.19)	-0.05 (0.03)
% House Delegation on T & I	0.43 (0.22)*	-0.03 (0.06)
House T & I Chair	0.04 (0.19)	-0.02 (0.02)
House T & I Rank. Member	0.06 (0.29)	0.01 (0.04)
Competitive Constituency	0.02 (0.13)	0.03 (0.03)
State Population (Logged)	-3.66 (1.09)*	0.94 (0.29)*
Vehicle Miles Traveled (Logged)	-0.42 (0.57)	-0.05 (0.17)
HTF Contributions (Logged)	-0.43 (0.35)	0.09 (0.09)
Num.Obs.	699	699
R2	0.203	0.364
AIC	4275.6	-798.6
BIC	4612.2	-461.9
RMSE	8.24	0.12
Std.Errors	by: State	by: State
FE: State	✓	✓

Both models include fixed effects for state and year. Clustered standard errors in parentheses.

Here we remove year fixed effects from the model displayed in table 2. Results do not substantively change.

Table A11: Determinants of BUILD Grant Efficiency
With Congress Fixed Effects

	Count of Failed Proposals	Efficiency Ratio
Majority Party Senators	0.11 (0.02)*	-0.02 (0.01)
Senators Same Party as Pres.	-0.07 (0.03)*	0.02 (0.01)*
Senate Appropriations Sub. Member	0.05 (0.06)	0.00 (0.02)
Senate Appropriations Chair	-0.29 (0.14)*	0.15 (0.06)*
Senate Appropriations Rank. Member	-0.30 (0.12)*	-0.02 (0.03)
Senate Appropriations Sub. Chair	-0.12 (0.17)	0.28 (0.14)*
Senate Appropriations Sub. Rank. Member	0.01 (0.40)	0.04 (0.19)
Senate Commerce Member	-0.03 (0.06)	-0.00 (0.01)
Senate Commerce Chair	0.25 (0.13)	0.04 (0.03)
Senate Commerce Rank. Member	0.01 (0.13)	0.04 (0.03)
% House Delegation in Majority Party	0.05 (0.06)	0.00 (0.02)
% House Delegation Same Party as Pres	0.17 (0.11)	0.03 (0.02)
% House Delegation on Appropriations Sub.	-0.08 (0.37)	-0.07 (0.07)
House Appropriations Chair	-0.15 (0.09)	0.03 (0.03)
House Appropriations Rank. Member	-0.11 (0.06)	-0.01 (0.02)
House Appropriations Sub. Chair	0.04 (0.21)	-0.05 (0.02)*
House Appropriations Sub. Rank. Member	0.05 (0.21)	-0.03 (0.02)
% House Delegation on T & I	0.03 (0.14)	-0.02 (0.05)
House T & I Chair	0.02 (0.08)	-0.02 (0.02)
House T & I Rank. Member	0.06 (0.17)	0.01 (0.02)
Competitive Constituency	0.04 (0.08)	0.02 (0.02)
State Population (Logged)	-1.93 (1.24)	0.16 (0.29)
Vehicle Miles Traveled (Logged)	0.09 (0.61)	-0.06 (0.16)
HTF Contributions (Logged)	1.18 (0.53)*	-0.02 (0.10)
Num.Obs.	699	699
R2	0.259	0.397
AIC	4000.2	-822.9
BIC	4364.2	-459.0
RMSE	6.13	0.12
Std.Errors	by: State	by: State
FE: State	✓	✓
FE: Congress	✓	✓

Both models include fixed effects for state and year. Clustered standard errors in parentheses.

We substitute year fixed effects in Table 2 with Congress fixed effects. Results do not substantively change.

Table A12: Determinants of BUILD Grant Efficiency
With President Fixed Effects

	Count of Failed Proposals	Efficiency Ratio
Majority Party Senators	0.13 (0.03)*	-0.02 (0.01)
Senators Same Party as Pres.	-0.08 (0.04)*	0.02 (0.01)*
Senate Appropriations Sub. Member	0.12 (0.09)	0.00 (0.02)
Senate Appropriations Chair	-0.42 (0.10)*	0.15 (0.07)*
Senate Appropriations Rank. Member	-0.23 (0.12)	-0.02 (0.03)
Senate Appropriations Sub. Chair	-0.31 (0.16)	0.30 (0.14)*
Senate Appropriations Sub. Rank. Member	0.16 (0.14)	0.05 (0.19)
Senate Commerce Member	-0.03 (0.08)	-0.00 (0.01)
Senate Commerce Chair	0.25 (0.16)	0.04 (0.04)
Senate Commerce Rank. Member	-0.10 (0.18)	0.04 (0.03)
% House Delegation in Majority Party	-0.01 (0.09)	0.01 (0.02)
% House Delegation Same Party as Pres	0.25 (0.09)*	0.03 (0.02)
% House Delegation on Appropriations Sub.	-0.29 (0.36)	-0.05 (0.09)
House Appropriations Chair	-0.18 (0.17)	0.03 (0.03)
House Appropriations Rank. Member	-0.01 (0.17)	-0.01 (0.03)
House Appropriations Sub. Chair	0.23 (0.32)	-0.06 (0.02)*
House Appropriations Sub. Rank. Member	0.16 (0.20)	-0.03 (0.03)
% House Delegation on T & I	0.37 (0.21)	-0.03 (0.05)
House T & I Chair	0.04 (0.18)	-0.02 (0.02)
House T & I Rank. Member	0.03 (0.27)	0.01 (0.02)
Competitive Constituency	0.02 (0.13)	0.02 (0.02)
State Population (Logged)	-5.49 (1.54)*	0.40 (0.28)
Vehicle Miles Traveled (Logged)	0.35 (0.68)	-0.03 (0.14)
HTF Contributions (Logged)	-0.30 (0.34)	0.01 (0.08)
Num.Obs.	699	699
R2	0.207	0.384
AIC	4261.7	-816.6
BIC	4607.5	-470.8
RMSE	8.04	0.12
Std.Errors	by: State	by: State
FE: State	✓	✓
FE: President	✓	✓

Both models include fixed effects for state and year. Clustered standard errors in parentheses.

We substitute year fixed effects in Table 2 with President fixed effects. Results do not substantively change.