Replication - Lagged Variables and Fixed Effects

Adopted from Gamm and Kousser (2021)

Table 1 with Lagged Variables and State Fixed Effects

```
# print Lagged Table 1
stargazer(lag1_mod1_se, lag1_mod2_se, lag1_mod3_se,
          lag1_mod4_se, lag1_mod5_se, lag1_mod6_se,
          header = F, type = "latex", digits = 2, style = "apsr",
          title = "Party Competition Does NOT Predict Human Capital and Infrastructure Spending, 1880-19
          column.labels = c("Education spending", "Health spending",
                            "Transportation spending"),
          column.separate = c(2, 2, 2),
          covariate.labels = c("Lagged education spending", "Lagged health spending",
                               "Lagged transportation spending",
                               "Legislative party competition",
                               "Electoral competition", "Democratic house",
                               "Democratic senate", "Democratic governor",
                               "Income per capita", "Foreign-born percentage",
                               "Black percentage", "Other nonwhite percentage",
                               "Urban population percentage"),
          omit = c("Constant", "year_1890", "year_1900", "year_1910",
                   "year_1920", "year_1930", "year_1940", "year_1950",
                   "year_1960", "year_1970", "year_1980"),
          add.lines = list(c("State fixed effects",
                             "included", "included", "included",
                             "included", "included", "included"),
                           c("Year fixed effects",
                             "included", "included", "included",
                             "included", "included", "included"),
                           c("Observations", "258", "249", "187", "182", "234", "228"),
                           c("R-Squared", "0.97", "0.98", "0.89", "0.92", "0.93", "0.94"),
                           c("Adj. R-Squared", "0.97", "0.97", "0.85", "0.87", "0.91", "0.91")))
```

Table 1: Party Competition Does NOT Predict Human Capital and Infrastructure Spending, 1880-1980

	Education spending		Health spending		Transportation spending	
	(1)	(2)	(3)	(4)	(5)	(6)
Lagged education spending	0.72***	0.62***				
	(0.14)	(0.14)				
Lagged health spending			0.29**	0.09		
			(0.12)	(0.12)		
Lagged transportation spending					0.66***	0.61***
					(0.17)	(0.17)
Legislative party competition	0.41	0.48	0.31*	0.23	0.06	0.43
	(0.59)	(0.57)	(0.18)	(0.15)	(0.40)	(0.51)
Electoral competition		−1.15		0.03		−1.71
		(1.13)		(0.28)		(1.15)
Democratic house		−12.29		14.60		−25.07
		(34.69)		(9.94)		(24.71)
Democratic senate		−60.73*		−23.92**		30.98
		(32.16)		(11.75)		(29.16)
Democratic governor		−37.99		−13.41*		−18.10
		(31.83)		(7.60)		(18.00)
Income per capita		0.03**		0.01***		−0.005
		(0.01)		(0.003)		(0.01)
Foreign-born percentage		−13.78***		−2.79**		−2.16
		(3.90)		(1.39)		(2.05)
Black percentage		−5.37		−0.21		−2.27
		(5.13)		(1.19)		(2.12)
Other nonwhite percentage		10.15		5.03**		7.34*
		(6.80)		(2.28)		(4.12)
Urban population percentage		2.96		−0.31		2.90**
		(2.12)		(0.44)		(1.16)
State fixed effects	included	included	included	included	included	included
Year fixed effects	included	included	included	included	included	included
Observations	258	249	187	182	234	228
R-Squared	0.97	0.98	0.89	0.92	0.93	0.94
Adj. R-Squared	0.97	0.97	0.85	0.87	0.91	0.91

*p < .1; **p < .05; ***p < .01

Table 2 with Lagged Variables and State Fixed Effects

```
# print Lagged Table 2
stargazer(lag2_mod1_se, lag2_mod2_se, lag2_mod3_se, lag2_mod4_se,
          header = F, type = "latex", font.size = "tiny", style = "apsr",
          title = "Spending Levels Do NOT Predict Development, 1880-2010",
          column.labels = c("Infant mortality",
                            "Life expectancy (30 years later)",
                            "High school completion",
                            "Illiteracy rate (30 years later)"),
          covariate.labels = c("Lagged infant mortality", "Current life expectancy",
                            "Health spending per capita",
                            "Lagged high school completion", "Illiteracy (20 years later)",
                            "Education spending per capita", "Income per capita",
                            "Foreign-born percentage", "Black percentage",
                            "Other nonwhite percentage", "Urban population percentage"),
          omit = c("Constant", "south", "year"),
          add.lines = list(c("State fixed effects",
                           "included", "included", "included", "included"),
                         c("Year fixed effects",
                           "included", "included", "included", "included"),
                         c("Observations", "215", "181", "336", "134"),
                         c("R-Squared", "0.98", "0.99", "0.98", "0.72"),
                         c("Adjusted R-Squared", "0.98", "0.98", "0.97", "0.52")))
```

Table 2: Spending Levels Do NOT Predict Development, 1880-2010

	Infant mortality	Life expectancy (30 years later)	High school completion	Illiteracy rate (30 years later)
	(1)	(2)	(3)	(4)
Lagged infant mortality	0.575***			
	(0.043)			
Current life expectancy		0.271***		
		(0.057)		
Health spending per capita	−0.004	−0.0002		
	(0.004)	(0.001)		
Lagged high school completion			0.791***	
			(0.098)	
Illiteracy (20 years later)				0.782***
				(0.099)
Education spending per capita			0.001	0.003**
			(0.002)	(0.001)
Income per capita	−0.00001	0.0001	0.00001	−0.0001
	(0.0003)	(0.00005)	(0.0003)	(0.0001)
Foreign-born percentage	−0.324**	−0.018	−0.109**	0.049***
	(0.161)	(0.026)	(0.050)	(0.012)
Black percentage	0.399***	0.093***	−0.087**	−0.037**
	(0.104)	(0.031)	(0.039)	(0.016)
Other nonwhite percentage	0.303**	0.035	−0.144	0.072
	(0.137)	(0.039)	(0.092)	(0.080)
Urban population percentage	−0.211***	−0.011	0.063**	−0.016
	(0.047)	(0.010)	(0.027)	(0.010)
State fixed effects	included	included	included	included
Year fixed effects	included	included	included	included
Observations	215	181	336	134
R-Squared	0.98	0.99	0.98	0.72
Adjusted R-Squared	0.98	0.98	0.97	0.52

*p < .1; **p < .05; ***p < .01