

current_thoughts/questions

Contents

Model 4 includes all covariates

Model 5 adds a lagged variable for stringency

Model 6 removes res_pct_chng

Model 7 takes the log of conflict index

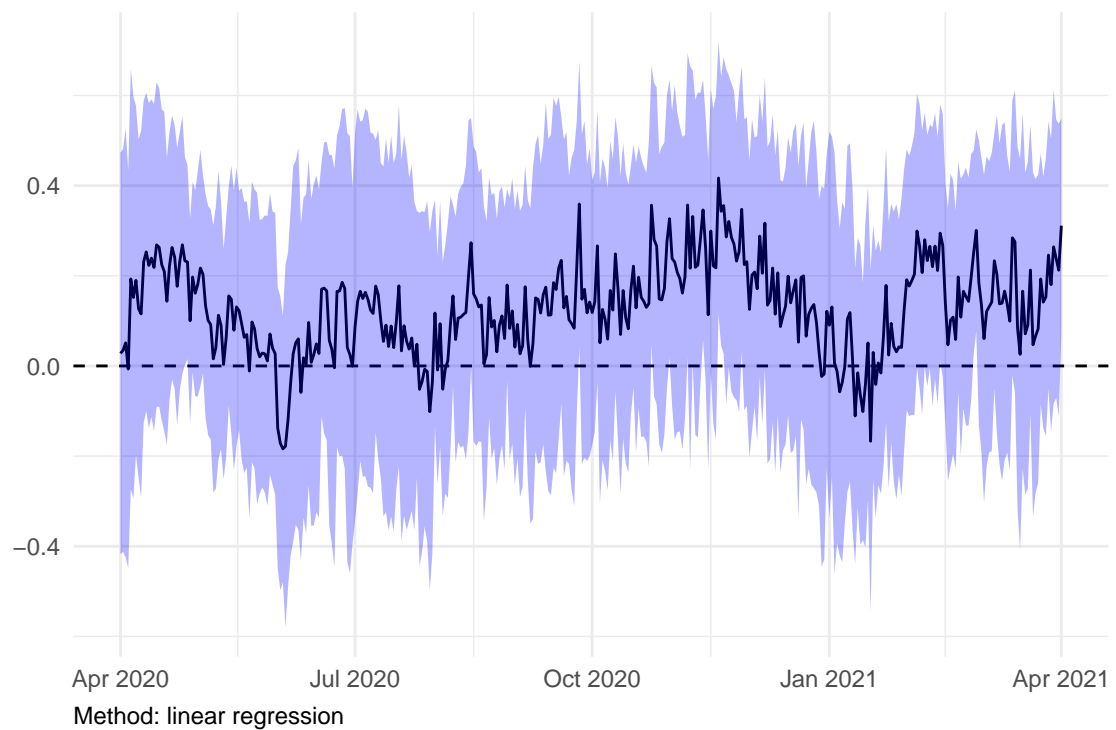
Model 7.5 is the same as Model 7 but excludes Nicaragua (is it an outlier?)

Model 8 same as model 7 but includes res_chng

Model 9 includes a variable for total deaths so far. In theory this accounts for the previous effects of the pandemic

Model 4

The estimated effect of distrust_people on stringency_index
for every day



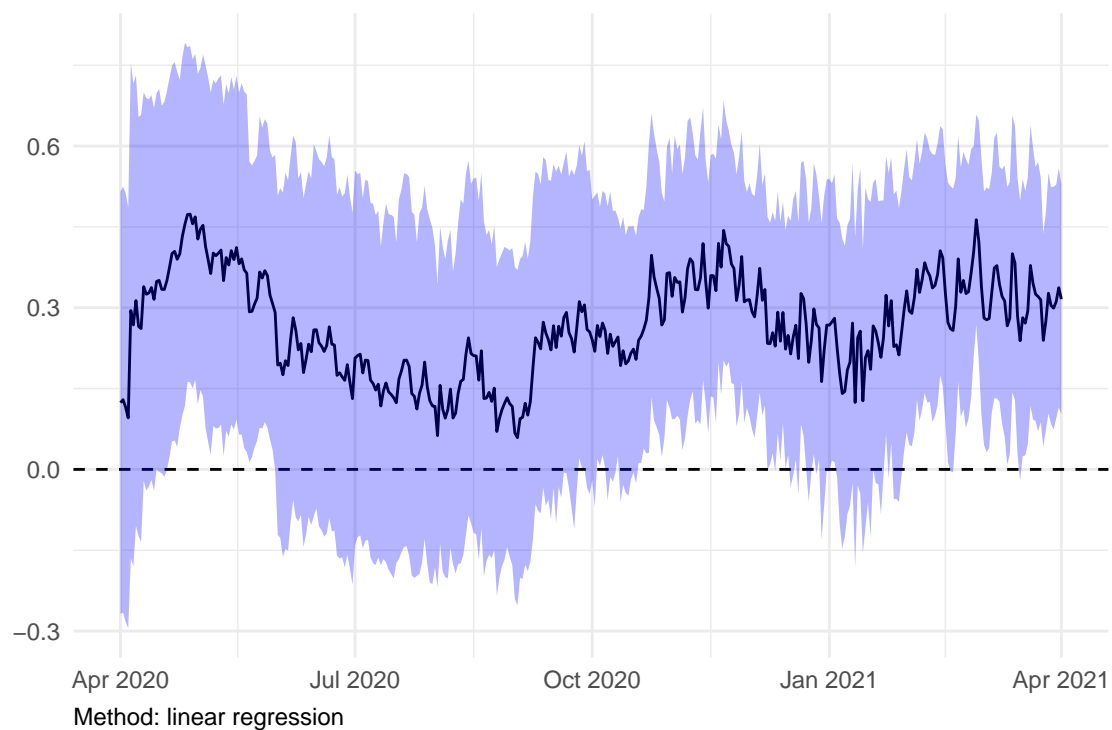
	Model 4	Model 5	Model 6	Model 7	Model 7.5	Model 8	Model 9
distrust_people	0.19 (0.14)	0.00 (0.00)	0.27* (0.13)	0.23 (0.13)	0.23* (0.10)	0.12 (0.13)	0.23* (0.10)
deaths_per_mil_lag_5	0.53*** (0.02)	0.01*** (0.00)	0.62*** (0.02)	0.62*** (0.02)	0.62*** (0.02)	0.53*** (0.02)	0.64*** (0.02)
res_chng_lag_34	0.57*** (0.01)	−0.02*** (0.00)				0.57*** (0.01)	
conflict_index	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)				
continentAsia	−6.95 (9.38)	−0.26 (0.13)	−7.55 (8.16)	−5.53 (7.99)	−1.98 (6.48)	−3.41 (9.05)	−2.02 (6.49)
continentEurope	−16.14 (10.88)	−0.40* (0.16)	−13.02 (8.51)	−10.76 (8.51)	−4.68 (6.97)	−12.92 (10.27)	−4.55 (6.98)
continentNorth America	−19.48 (10.65)	−0.29 (0.15)	−15.88 (8.99)	−13.52 (9.01)	3.23 (8.00)	−15.45 (10.02)	3.37 (8.02)
continentOceania	−21.86 (13.78)	−0.51** (0.20)	−17.39 (11.77)	−16.00 (11.59)	−8.67 (9.46)	−20.54 (12.90)	−8.71 (9.48)
continentSouth America	−2.59 (10.62)	−0.05 (0.15)	4.92 (8.72)	5.38 (8.57)	10.82 (6.99)	−2.02 (9.91)	11.04 (7.01)
conf_govt	−0.07 (0.12)	0.00 (0.00)	0.05 (0.11)	0.04 (0.10)	0.06 (0.08)	−0.11 (0.11)	0.06 (0.08)
log(gdp_per_capita)	4.28 (5.04)	0.05 (0.07)	6.36 (4.75)	5.73 (4.61)	3.53 (3.74)	1.82 (4.80)	3.56 (3.75)
ghs	0.12 (0.25)	0.00 (0.00)	0.19 (0.20)	0.09 (0.19)	0.17 (0.16)	−0.02 (0.23)	0.18 (0.16)
pop.km2	0.02 (0.01)	0.00 (0.00)	0.02 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)
democracy_index	0.24 (1.75)	0.02 (0.02)	−0.40 (1.57)	−0.57 (1.54)	−1.07 (1.25)	0.19 (1.65)	−1.09 (1.25)
ethnic	−4.47 (9.41)	−0.25 (0.13)	−8.15 (9.18)	−8.02 (9.00)	−14.66* (7.37)	−3.83 (8.92)	−14.64* (7.39)
education_index	6.16 (29.47)	−0.15 (0.42)	−9.58 (27.70)	1.36 (28.18)	−11.07 (22.85)	30.45 (29.55)	−11.04 (22.89)
stringency_index_lag_1		0.99*** (0.00)					
log(conflict_index)				1.97 (1.25)	1.46 (1.02)	2.79* (1.24)	1.47 (1.02)
total_deaths_per_million							−0.00** (0.00)
AIC	171351.32	93788.35	198401.58	198379.07	195411.89	171326.38	195421.79
BIC	171503.32	93948.35	198547.75	198525.24	195557.77	171478.38	195575.77
Log Likelihood	−85656.66	−46874.17	−99182.79	−99171.53	−97687.95	−85644.19	−97691.90
Num. obs.	22029	22027	24855	24855	24443	22029	24443
Num. groups: location	53	53	59	59	58	53	58
Var: location (Intercept)	108.68	0.01	118.63	114.31	74.08	97.61	74.40
Var: Residual	137.81	4.10	169.11	169.11	171.49	137.81	171.45

*** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$

Table 1: Statistical models

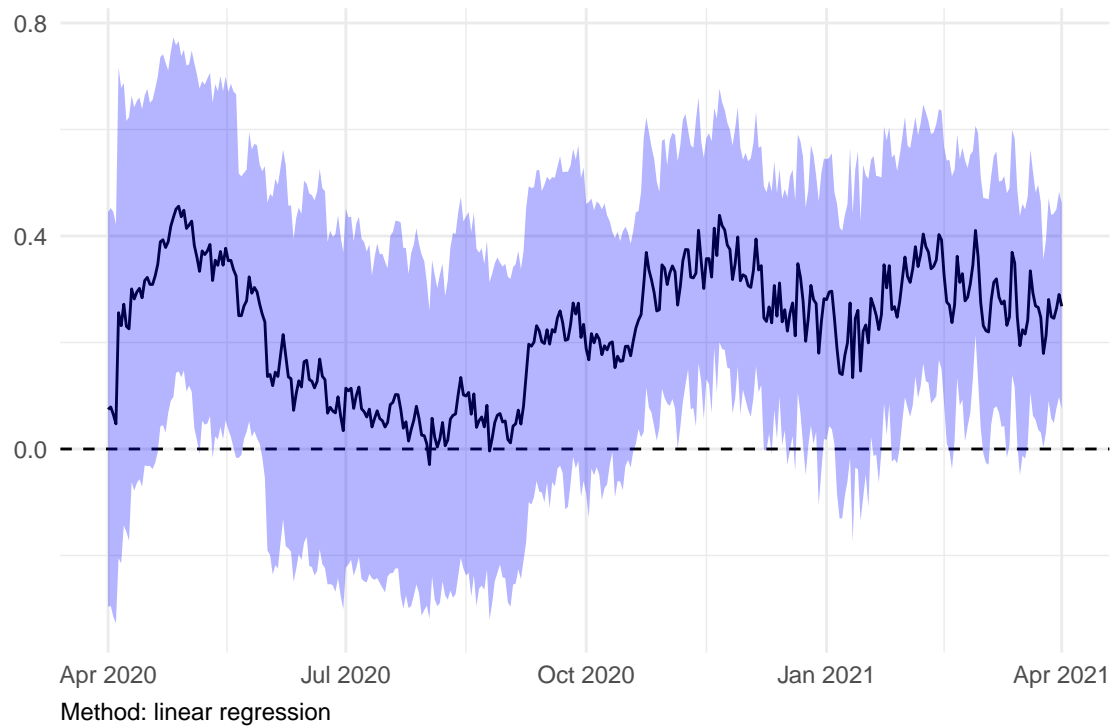
Model 6

The estimated effect of distrust_people on stringency_index
for every day



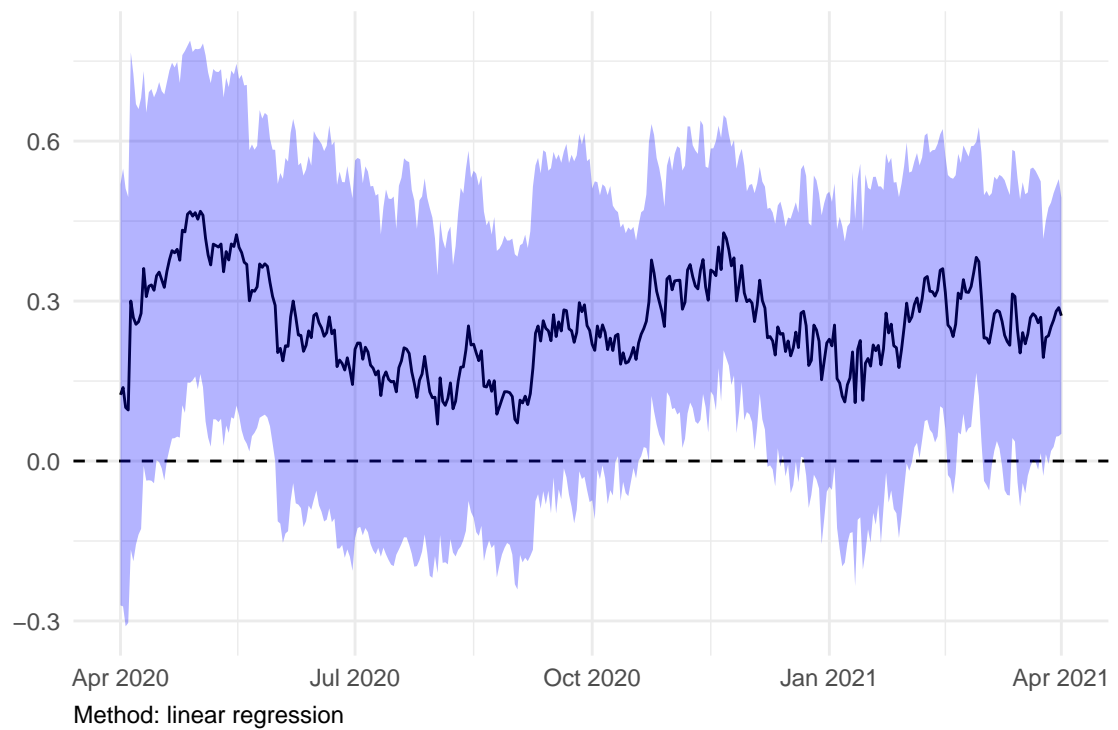
Model 7

The estimated effect of distrust_people on stringency_index
for every day



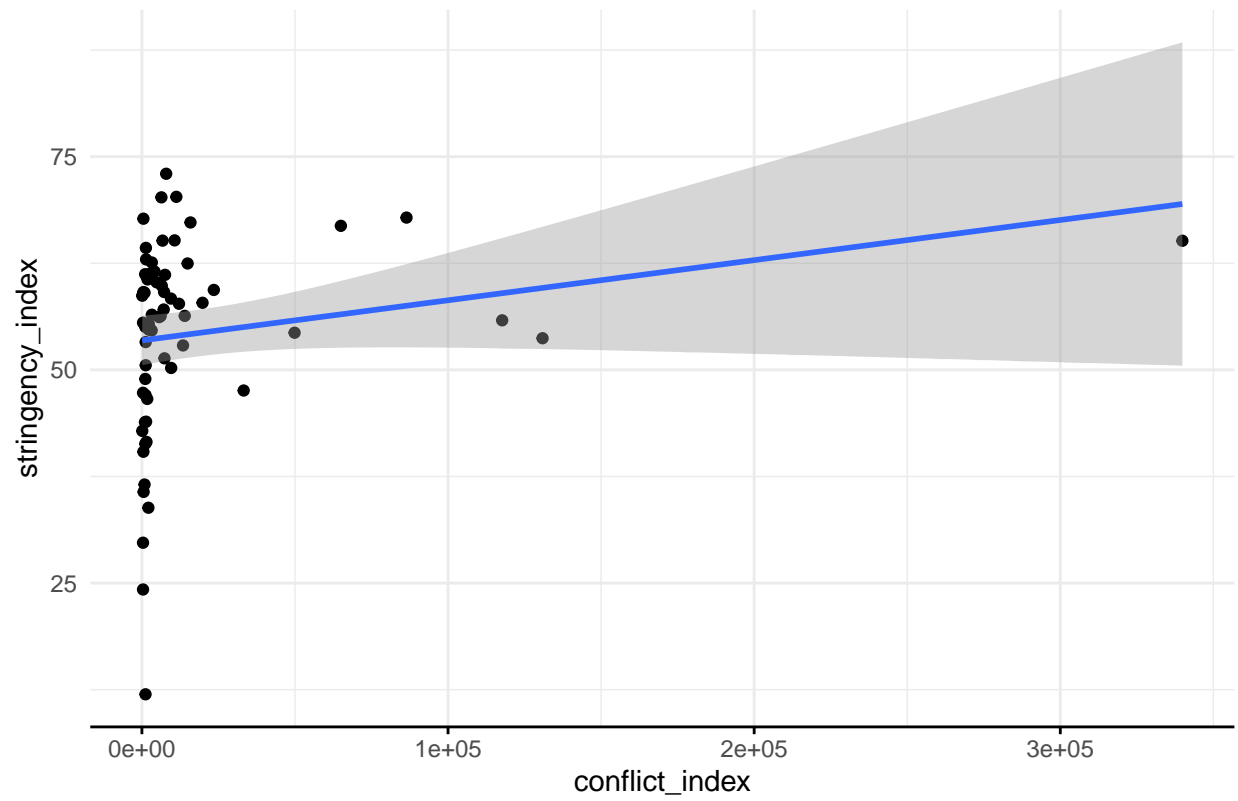
Model 8

The estimated effect of distrust_people on stringency_index
for every day

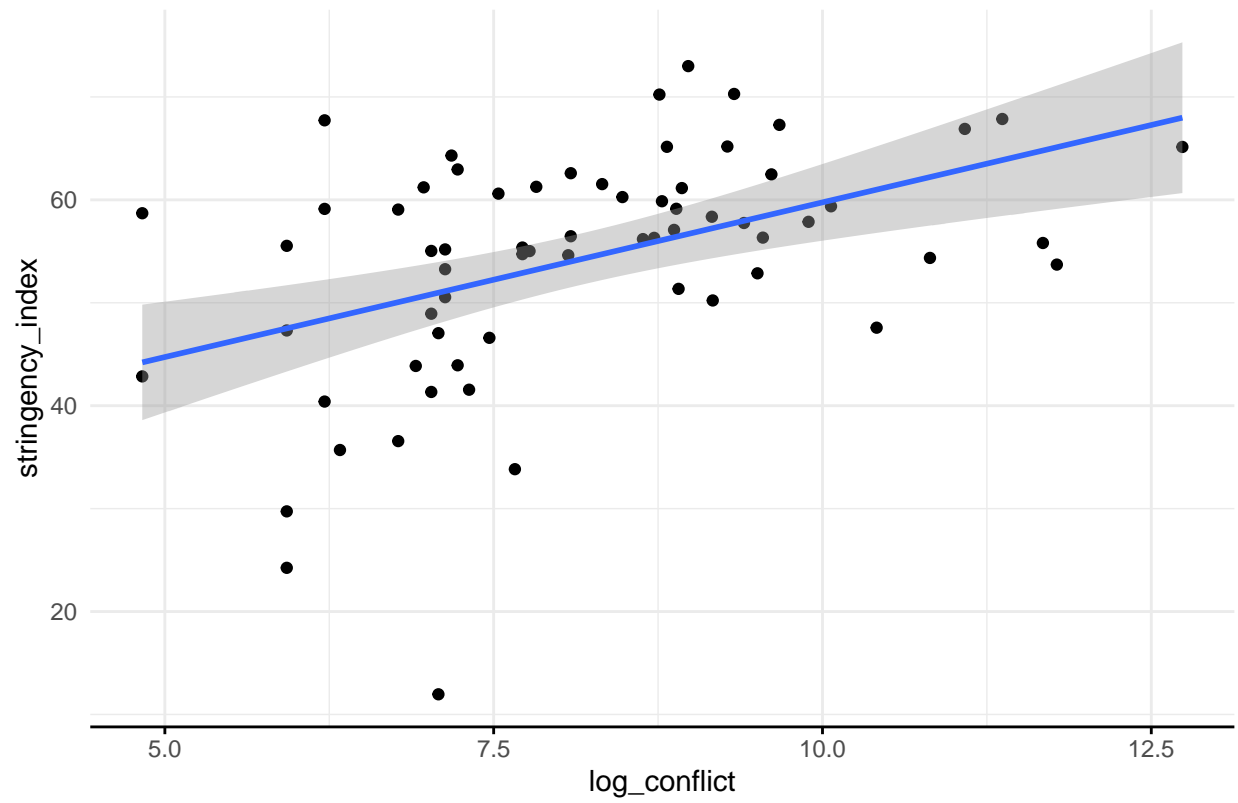


Should I include use logged conflict instead of raw conflict

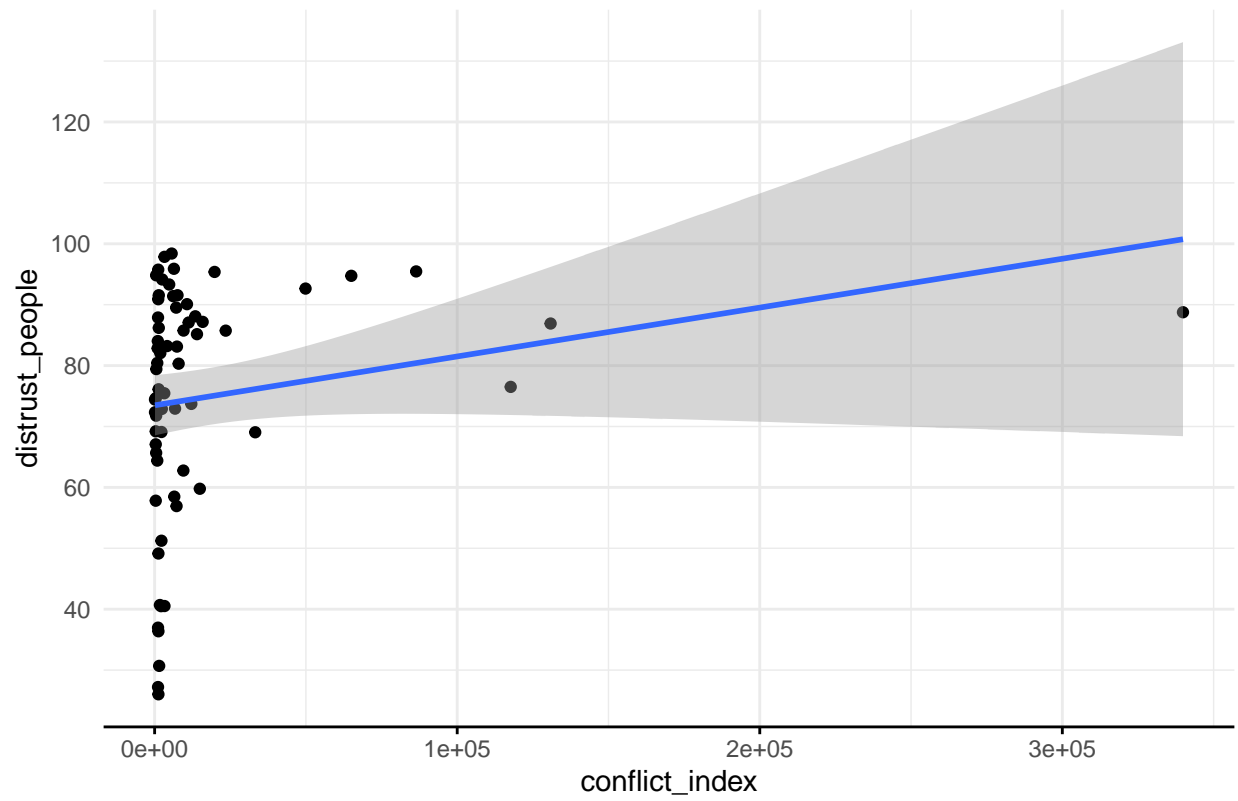
Relationship between raw conflict and stringency index



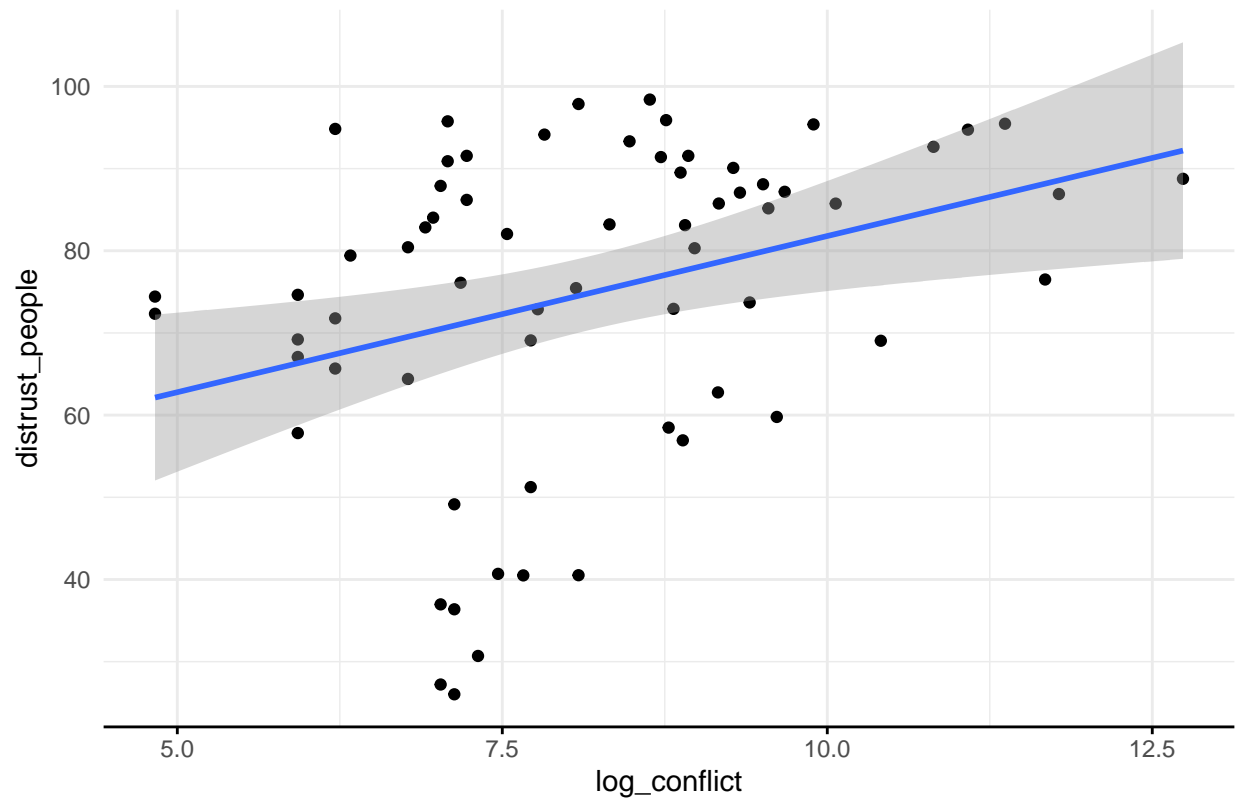
Relationship between logged conflict and stringency index



Relationship between raw conflict and distrust



Relationship between logged conflict and distrust



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