#### Leemann & Baccini

- 1995 2010
- 8 Votes excl. Nuclear Votes
- Income: Fixed means
- Disaster: only medium and high
- Risk: flood, are etc.
- Education: Tert Sekund & Tertiary

#### Keel

- 1995 2023
- 19 votes incl. 2x Nuclear votes
- Income: accurate, yearly
- Disaster: low, medium and high (updated data 1995-2010 and new 2011-2023 from provider)
- Risk: taken from leemann & baccini
- Education: taken from leemann & baccini (accurate data required from stats office)
- Age: accurate per year and municipality
- Religion: Was in the Age-Dataset so was taken into consideration
- Gender: Per Municipality in share and coded as 0(male), 1(female)

## Main finding: In comparison

The main finding of Leemann & Baccini was that if municipalities were affected by a natural disaster the yes vote share for environmental votes would go up by 20%. (actually 22.7%)

With the more accurate and expanded data, also by taking in the 2 nuclear votes and recoding them, I get a positive effect of 3.13%

more detailed data and more votes:

Average Effect of Treatment overall: 7.10% | (3.13/44.08)\*100 (44.08% average yes of the 19 votes)

[1] "#####" [1] "#####" [1] "Table 1" [1] "#####" [1] "#####"			
	Model 1	Model 2	Model 3
Flooded	0.86 ** (0.42)	1.28 *** (0.42)	1.19 *** (0.42)
Green Party %	0.12 *** (0.04)	(****	0.01 (0.04)
Social Democrats %	0.21 *** (0.03)		0.23 *** (0.03)
Christian Democrats %	-0.12 *** (0.03)		-0.07 ** (0.03)
Liberal Democrats %	-0.02 (0.03)		0.06 ** (0.03)
Swiss People's Party %	0.06 *** (0.02)		0.13 *** (0.02)
Rainfall		0.33 (0.42)	0.68 (0.43)
No vegetation		-14.71 (64.97)	-23.48 (36.34)
Share of Water		-0.27 (15.10)	-0.33 (3.48)
Share of Gras		-0.18 (0.99)	-0.75 (1.20)
Artificial		0.85 (7.60)	1.51 (4.29)
Intercept	30.60 *** (3.31)	38.60 (52.91)	49.95 (86.33)
R^2 Adj. R^2	0.82 0.80	0.84 0.82	0.85 0.82
Num. obs.	0.80 21024 ========	0.82 18320 =======	0.82 17934 ========

[1] "#####" [1] "#####" [1] "Table 1" [1] "#####" [1] "#####"			
	Model 1	Model 2	Model 3
Disaster	0.40 *** (0.14)	0.54 *** (0.14)	0.40 *** (0.14)
Green Party %	0.55 *** (0.02)		0.55 *** (0.02)
Social Democrats %	0.25 *** (0.01)		0.25 *** (0.01)
Christian Democrats %	-0.02 *** (0.01)		-0.02 *** (0.01)
Liberal Democrats %	0.73 *** (0.05)		0.73 *** (0.05)
Swiss People's Party %	-0.01 (0.01)		-0.01 (0.01)
Rainfall		-284.79 (348.24)	-141.74 (339.74)
No vegetation		-45.78 (50.08)	-23.04 (48.84)
Share of Water		3.06 (2.11)	1.31 (2.06)
Share of Gras		-1.68 (2.03)	-0.87 (1.98)
Artificial		0.45 (0.62)	0.18 (0.60)
Intercept	45.27 *** (1.96)	479.79 (521.54)	258.37 (508.76)
R^2 Adj. R^2	0.83 0.82	0.82 0.81	0.83 0.82
Num. obs.	40474	40455 	40455

The summary is less effective than the one from leemann. The green party has more influence on average on the positive outcome.

```
[I] ######
   "######"
[1] "### Table 2 (ATT)"
[1] "#####"
Call:
svvglm(formula = Yl \sim treatment, design = des1)
Survey design:
syydesign(id = \sim1, weights = \simweight.L, data = dat)
Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept)
            25.2930
                         0.2394 105.639 < 2e-16 ***
              2.3303
                         0.7229
                                 3.224 0.00127 **
treatment
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
(Dispersion parameter for gaussian family taken to be 201.9706)
Number of Fisher Scoring iterations: 2
                         [,1]
                                                            [,5]
                                   [,2]
                                            [.3]
                                                   [,4]
                         "0.68"
                                  "0.29"
                                            "0"
                                                   "0.68"
                                                            "0.68"
Flooding Risk
Surface: % No vegetation "8.46"
                                  "3.38"
                                            "0"
                                                   "8.46"
                                                            "8.46"
                                            "0"
                                                   "3.69"
Surface: % Water
                         "3.69"
                                  "1.63"
                                                            "3.69"
Surface: % Gras
                         "31.72"
                                  "44.68"
                                            "0"
                                                   "31.72"
                                                            "31.72"
Surface: % Artificial
                         "17.51" "13.16"
                                            "0"
                                                   "17.51"
                                                            "17.51"
Altitude (in m)
                         "602.68" "584.16"
                                            "0.21"
                                                   "602.68" "602.68"
Rainfall (per sokm)
                         "1.31"
                                  "2.43"
                                            "0"
                                                   "1.31"
                                                            "1.31"
Steepness in %
                         "15.29" "9.59"
                                            "0"
                                                   "15.29"
                                                            "15.29"
                                                            "19.47"
<u>Socia</u>l Democrats (%)
                         "19.47"
                                  "18.56"
                                            "0.04" "19.47"
                         "23.64" "16.68"
Christian Democrats (%)
                                            "0"
                                                   "23.64"
                                                            "23.64"
                                  "5.65"
                                            "0.02" "5.03"
Greens (%)
                         "5.03"
                                                            "5.03"
                         "18.32"
Liberals (%)
                                  "18.28"
                                            "0.94" "18.32"
                                                            "18.32"
Swiss People's Party (%) "25.01"
                                 "27.6"
                                            "0"
                                                   "25.01"
                                                            "25.01"
```

```
[1] "#####"
   "######"
    "### Table 2 (ATT)"
Call:
svyglm(formula = Yl1 \sim treatment1, design = des1)
Survey design:
svydesign(id = \sim1, weights = \simweight.L1, data = dat1)
Coefficients:
            Estimate Std. Error t value Pr(>|t|)
                         0.1495 255.122 < 2e-16 ***
(Intercept) 38.1441
treatment1
              1.0343
                         0.2978 3.473 0.000515 ***
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
(Dispersion parameter for gaussian family taken to be 392.4548)
Number of Fisher Scoring iterations: 2
                          [,1]
                                   [,2]
                                            [,3]
                                                             [,5]
                                                    [,4]
                          "0.58"
                                   "0.31"
                                            "0"
                                                    "0.58"
                                                             "0.58"
Flooding Risk
                                   "3.23"
                                                   "4.26"
                                                             "4.26"
Surface: % No vegetation "4.26"
                                            "0"
                                                   "2.33"
Surface: % Water
                          "2.33"
                                   "1.72"
                                                             "2.33"
                          "38.63"
                                   "45.32"
                                            "0"
                                                    "38.63"
                                                             "38.63"
Surface: % Gras
Surface: % Artificial
                          "17.6"
                                   "13.79"
                                            "0"
                                                    "17.6"
                                                             "17.6"
Altitude (in m)
                          "570.09" "591.56"
                                            "0"
                                                   "570.09" "570.09"
                         "1.71"
Rainfall (per sokm)
                                   "2.13"
                                            "0"
                                                   "1.71"
                                                             "1.71"
                                   "9.3"
Steepness in %
                          "11.89"
                                            "0"
                                                   "11.89"
                                                             "11.89"
                                  "17.04"
                                            "0"
Social Democrats (%)
                         "17.54"
                                                   "17.54"
                                                             "17.54"
Christian Democrats (%)
                         "16.19"
                                   "15.2"
                                            "0"
                                                    "16.19"
                                                             "16.19"
                          "6.32"
                                   "6.69"
                                            "0"
                                                    "6.32"
                                                             "6.32"
Greens (%)
Liberals (%)
                          "1.76"
                                   "1.78"
                                            "0.51" "1.76"
                                                             "1.76"
Swiss People's Party (%) "29.42"
                                   "30.05"
                                                    "29.42"
                                                             "29.42"
```

## remarks

Balancing works

### Leemann & Baccini 1995 – 2010

[1] "#####" [1] "#####" [1] "Table 3 (Heterogenei [1] "#####" [1] "#####"	ty in Space)"		
	Model 1	Model 2	Model 3
(Intercept)	25.29 *** (0.24)	 17.93 *** (0.84)	19.46 *** (0.57)
treatment	2.33 *** (0.72)		
vdata1.Tertiar		55.77 *** (6.11)	44.15 *** (3.69)
treatment:vdata1.Tertiar			27.11 * (14.34)
Deviance Dispersion Num. obs.	3613859.29 201.97 17894	3439086.06 192.20 17894	3428969.89 191.64 17894

Keel 1995 – 2023

	Model	1	Model	2	Model	3
(Intercept)		38.14 *** (0.15)		33.66 *** (0.41)		35.17 *** (0.41)
treatment1		1.03 *** (0.30)		1.27 *** (0.30)		-2.28 *** (0.86)
adata1.tert_share				30.44 *** (2.53)		20.19 *** (2.49)
treatment1:adata1.tert_share						24.85 *** (5.59)
Deviance		368.20	157439			548.08
Dispersion Num. obs. ====================================	404 ======	392.45 155 =======	404 	389.18 155 	404 ======	388.65 455 =======

Entropy balanced model shows that more educated people in municipalities have greater positive impact on yes vote share when the municipality was affected. Nevertheless, the effect is smaller than in the previous study.

```
[1] "Table 4 (Heterogeneity in Time)"
                           Model V
                                            Model VIII
Constant
                                                 25.29 ***
                                25.29 ***
                                (0.24)
                                                 (0.24)
                                 2.33 ***
                                                 9.43 ***
Treatment
                                (0.72)
                                                 (2.19)
Time betw. Flood and Vote
                                                 -0.99 ***
                                                 (0.26)
Deviance
                           3613859.29
                                            3532603.57
Dispersion
                               201.97
                                                197.43
Num. obs.
                             17894
                                              17894
```

[1] "#####" [1] "#####" [1] "Table 4 (Heterogeneit [1] "#####" [1] "#####"	y in Time)"	
	Model V	Model VIII
Constant	38.14 *** (0.15)	38.14 *** (0.15)
Treatment	1.03 *** (0.30)	3.13 *** (0.48)
Time betw. Flood and Vote		-0.32 *** (0.07)
Deviance Dispersion Num. obs.	15876368.20 392.45 40455	15853009.74 391.88 40455

The effect is smalle and not 20(22.7%) as claimed by Leemann and Baccini but rather:

7.10%

### New Variables

1995 - 2023

I am checking the new and/or more accurate variables within the disaster frame for the timerange 199%-2023

(0.14) (0.14) (0.14) (0.14)  (1nc. =<30	1] "#####" [1] "#####" [1] "Table 1 - Income" [1] "#####" [1] "#####"			
(1.97) (508.76) (507.09) Disaster (0.53 *** 0.40 *** 0.39 ** (0.14) (0.14) (0.14) (0.14)  Inc. =<30 (0.01 ** 0.00) Inc. 30-40 (0.00) (0.00) Inc. 40-50 (0.04) Inc. 50-75 (0.03) (0.03) Inc. 50-75 (0.01) (0.01) Inc. 75< (0.01) (0.01) Inc. 75< (0.00) Inc. 40-50		Model 1	Model 2	Model 3
0.53 *** 0.40 *** 0.39 ** (0.14) (0.14) (0.14) (0.14)  Inc. =<30	Intercept			
Cinc. = <30	Disaster	0.53 ***	0.40 ***	0.39 ***
(0.00) (0.00) (0.00) (1nc. 30-40	inc. =<30		(0.14)	
(0.04) (0.04) (0.04) (1nc. 40-50 -0.02 -0.01 (0.03) (0.03) (1nc. 50-75 -0.01 -0.00 (1nc. 75< 0.10 **** (0.00) (0.00) (1nc. 75< 0.10 **** (0.00) (0.01) (				
(0.03) (0.03) (0.03)  Inc. 50-75 -0.01 -0.00 (0.01) (0.01)  Inc. 75< 0.10 *** 0.55 *** 0.52 ** (0.00) (0.02)  Social Democrats % (0.01) (0.01)  Christian Democrats % (0.05) (0.05)  Swiss People's Party % (0.05) (0.05)  Swiss People's Party % -0.01 -0.01 (0.01) (0.01)  Rainfall -141.74 -146.96 (339.74) (338.63)  Alo vegetation -23.04 -26.47 (48.84) (48.68)  Share of Water 1.31 0.32 (2.06) (2.06)  Share of Gras -0.87 -0.98 (1.98) (1.97)  Artificial 0.18 0.17 (0.60) (0.60)				
Cinc. 50-75	Inc. 40-50			
(0.01) (0.01) (0.01)  Inc. 75< (0.00) (0.00) (0.00)  Green Party % (0.00) (0.02)  Gocial Democrats % (0.01) (0.01)  Christian Democrats % (0.05)  Gocial Democrats % (0.01) (0.01)  Christian Democr	Inc. 50-75			
(0.00) (0.00) Freen Party % (0.02) (0.02) Focial Democrats % (0.01) (0.01) Christian Democrats % (0.01) (0.01) Fiberal Democrats % (0.01) (0.01) Fiberal Democrats % (0.05) (0.05) Fiwiss People's Party % (0.05) (0.05) Fiwiss People's Party % (0.01) (0.01) Fiberal Democrats % (0.05) (0.05) Fiwiss People's Party % (0.01) (0.01) Fiberal Democrats % (0.05) (0.05) Fiwiss People's Party % (0.05) (0.05) Fiwiss People's Party % (0.01) (0.01) Fiberal Democrats % (0.05) (0.05) Fiberal Democrats % (0.01) (0.01) Fiberal Democrats % (0.01) (0.01) Fiberal Democrats % (0.05) (0.05) Fiberal Democrats % (0.01) (0.01) Fiberal Dem		(0.01)		(0.01)
0.55 ***   0.52 **   (0.02)   (0.02)   (0.02)   (0.02)   (0.02)   (0.02)   (0.02)   (0.01)   (0.01)   (0.01)   (0.01)   (0.01)   (0.01)   (0.01)   (0.01)   (0.05)   (0.05)   (0.05)   (0.05)   (0.05)   (0.05)   (0.01)	inc. 75<			
Social Democrats %       0.25 ***       0.23 **         (0.01)       (0.01)       (0.01)         Christian Democrats %       -0.02 ***       -0.04 **         (0.01)       (0.01)       (0.01)         Liberal Democrats %       0.73 ***       0.69 **         (0.05)       (0.05)       (0.05)         Swiss People's Party %       -0.01       -0.01         (0.01)       (0.01)       (0.01)         Rainfall       -141.74       -146.96         (339.74)       (338.63)         Journal Control       -23.04       -26.47         (48.84)       (48.68)         Share of Water       1.31       0.32         Characteristics       -0.87       -0.98         Characteristics       -0.87       -0.98         Christicial       0.18       0.17         (0.60)       (0.60)       (0.60)	Green Party %	(3133)		0.52 ***
(0.01) (0.01) Christian Democrats %  -0.02 *** -0.04 ** (0.01) (0.01)  .iberal Democrats %  0.73 *** 0.69 ** (0.05) (0.05)  .wiss People's Party %  -0.01 -0.01 (0.01) (0.01)  .ainfall -141.74 -146.96 (339.74) (338.63)  .bo vegetation (48.84) (48.68)  .chare of Water 1.31 0.32 (2.06) (2.06)  .chare of Gras -0.87 -0.98 (1.98) (1.97)  .chrificial 0.18 0.17 (0.60) (0.60)	Cocial Domocrats &			
Christian Democrats %  -0.02 *** -0.04 ** (0.01) (0.01)  Liberal Democrats %  0.73 *** 0.69 ** (0.05) (0.05)  Christian Democrats %  0.73 *** 0.69 ** (0.05) (0.05)  -0.01 -0.01 (0.01) (0.01)  Christian Democrats %  0.01 (0.05)  -0.02 *** -0.04 ** (0.05)  -0.05 (0.05)  -0.01 (0.01) (0.01)  -0.01 (0.01) (0.01)  -141.74 -146.96 (339.74) (338.63)  -141.74 -146.96 (339.74) (338.63)  -23.04 -26.47 (48.84) (48.68)  -23.04 (48.84) (48.68)  -23.04 -26.47 (48.84) (48.68)  -23.04 -26.47 (48.84) (48.68)  -23.04 -26.47 (48.84) (48.68)  -23.04 -26.47 (48.84) (48.68)  -23.04 -26.47 (48.84) (48.68)  -23.04 -26.47 (48.84) (48.68)  -23.04 -26.47 (48.84) (48.68)  -3.02 -3.03  -3.03 -3.03  -3	SOCIAL DEMOCRALS &			
Democrate %	Christian Democrats %		-0.02 ***	-0.04 ***
(0.05) (0.05) Swiss People's Party % -0.01 -0.01 (0.01) (0.01) Rainfall -141.74 -146.96 (339.74) (338.63) No vegetation -23.04 -26.47 (48.84) (48.68) Share of Water 1.31 0.32 (2.06) (2.06) Share of Gras -0.87 -0.98 (1.98) (1.97) Artificial 0.18 0.17 (0.60) (0.60)	iheral Democrats &			
(0.01) (0.01) Rainfall -141.74 -146.96 (339.74) (338.63) Ro vegetation -23.04 -26.47 (48.84) (48.68) Rohare of Water 1.31 0.32 (2.06) (2.06) Rohare of Gras -0.87 -0.98 (1.98) (1.97) Rottificial 0.18 0.17 (0.60) (0.60)	Therat believerats %			
Rainfall -141.74 -146.96 (339.74) (338.63)  No vegetation -23.04 -26.47 (48.84) (48.68)  Share of Water 1.31 0.32 (2.06) (2.06)  Share of Gras -0.87 -0.98 (1.98) (1.97)  Artificial 0.18 0.17 (0.60) (0.60)	wiss People's Party %		-0.01	
(339.74) (338.63)  No vegetation (48.84) (48.68)  Share of Water (1.31 (2.06) (2.06)  Share of Gras (2.06) (1.98) (1.97)  Artificial (0.60) (0.60)	Rainfall			
Description	IGEN GCC			
Share of Water 1.31 0.32 (2.06) (2.06) Share of Gras -0.87 -0.98 (1.98) (1.97) Artificial 0.18 0.17 (0.60) (0.60)	lo vegetation			
(2.06) (2.06) Share of Gras -0.87 -0.98 (1.98) (1.97) Artificial 0.18 0.17 (0.60) (0.60)	Share of Water			
Share of Gras -0.87 -0.98 (1.98) (1.97) Artificial 0.18 0.17 (0.60) (0.60)	mare or water			
Artificial 0.18 0.17 (0.60) (0.60)	Share of Gras		-0.87	-0.98
(0.60) (0.60) 	rtificial			
	TELLICIA C			
		0.83	0.83	0.83
Adj. R^2 0.82 0.82 0.83 Jum. obs. 40474 40455 40455				

People with 30-40k gross net income tend to vote against pro environmental, even if affected.

People with 75k+ gross net income tend to vote pro environmental when affected.

[1] "######" [1] "Table 2 - Age" [1] "REFERENCE: AGE 0-1 [1] "#####" [1] "#####"	7"		
=	======= Model 1	 Model 2	======= Model 3
Intercept	-53 <b>.</b> 17 ***	258.37	175.95
Disaster	(14.32) 0.49 ***	(508.76) 0.40 ***	(508.06) 0.37 ***
Age 18-30	(0.14) 1.35 ***	(0.14)	(0.14) 1.13 ***
Age 31-45	(0.15) 2.06 ***		(0.15) 1.61 ***
Age 46–65	(0.15) 1.28 ***		(0.15) 0.99 ***
Age 66-85	(0.15) 0.91 *** (0.15)		(0.14) 0.70 *** (0.15)
Age 86-100	0.50 *** (0.15)		0.37 *** (0.14)
Green Party %	(0.13)	0.55 *** (0.02)	0.52 *** (0.02)
Social Democrats %		0.25 *** (0.01)	0.22 *** (0.01)
Christian Democrats %		-0.02 *** (0.01)	-0.03 *** (0.01)
Liberal Democrats %		0.73 *** (0.05)	0.68 *** (0.05)
Swiss People's Party %		-0.01 (0.01)	-0.00 (0.01)
Rainfall		-141.74 (339.74)	-140.80 (338.67)
No vegetation		-23.04 (48.84)	-25.50 (48.65)
Share of Water		1.31 (2.06)	0.82 (2.06)
Share of Gras		-0.87 (1.98)	-0.91 (1.97)
Artificial		0.18 (0.60)	0.13 (0.60)
R^2 Adj. R^2	0.83 0.82	0.83 0.82	0.84 0.83
Num. obs.	40474 =========	40455	40455 =======

All age groups tend to have an impact on yes vote % when affected. Especially 31-45 year olds. The effect diminishes afterwards the older the people get.

1] "#####" 1] "#####" 1] "Table 3 - EDUCATIO 1] "REFERENCE: Edu NUL 1] "#####" 1] "#####"			
	Model 1	Model 2	Model 3
ntercept	-42.00 *** (7.06)	258.37 (508.76)	408.25 (501.57)
isaster	0.45 *** (0.14)	0.40 *** (0.14)	0.36 *** (0.14)
du BASIC	2.15 ***	(0.14)	1.70 ***
du MATURA	(0.06) 1.20 ***		(0.06) 0.97 ***
du TERTIARY	(0.07) 0.53 ***		(0.07) 0.44 ***
reen Party %	(0.08)	0.55 ***	(0.08) 0.39 ***
ocial Democrats %		(0.02) 0.25 ***	(0.02) 0.24 ***
hristian Democrats %		(0.01) -0.02 ***	(0.01) -0.00
iberal Democrats %		(0.01) 0.73 ***	(0.01) 0.55 ***
wiss People's Party %		(0.05) -0.01	(0.05) -0.02 ***
ainfall		(0.01) -141.74	(0.01) -316.40
o vegetation		(339.74) -23.04	(334.93) -45.67
hare of Water		(48.84) 1.31	(48.15) 5.35 ***
hare of Gras		(2.06) -0.87	(2.04) -1.67
rtificial		(1.98) 0.18 (0.60)	(1.95) 0.93 (0.60)
^2	0.83	0.83	0.84
dj. R^2 um. obs.	0.82 40474 	0.82 40455 	0.83 40455

Edu Basic has the biggest positive effect in comparison to edu Null.

It is debatable, whether that can be linked with income, as it is counterintuitive.

Question: How to really interpret this?

```
''######
   "Table 4 - Gender"
    "REFERENCE: 1 = Female / 0 = Male"
    "#####"
                         Model 1
                                        Model 2
                                                      Model 3
Intercept
                            47.56 ***
                                          258.37
                                                          60.10
                            (1.96)
                                         (508.76)
                                                         (65.98)
Disaster
                             0.54 ***
                                            0.40 ***
                                                           0.40 ***
                                           (0.14)
                             (0.14)
                                                          (0.14)
Female Share
                            11.09 ***
                                                         -37.55
                            (2.77)
                                                        (105.55)
                                            0.55 ***
Green Party %
                                                           0.55 ***
                                           (0.02)
                                                          (0.02)
Social Democrats %
                                            0.25 ***
                                                           0.25 ***
                                           (0.01)
                                                          (0.01)
Christian Democrats %
                                           -0.02 ***
                                                          -0.02 ***
                                           (0.01)
                                                          (0.01)
Liberal Democrats %
                                            0.73 ***
                                                           0.73 ***
                                           (0.05)
                                                          (0.05)
Swiss People's Party %
                                           -0.01
                                                          -0.01
                                           (0.01)
                                                          (0.01)
Rainfall
                                         -141.74
                                                          13.11
                                                        (100.74)
                                         (339.74)
No vegetation
                                          -23.04
                                                           6.02
                                          (48.84)
                                                         (34.86)
Share of Water
                                            1.31
                                                           2.13
                                           (2.06)
                                                          (4.32)
Share of Gras
                                           -0.87
                                                           0.10
                                           (1.98)
                                                          (0.79)
Artificial
                                            0.18
                                                          -0.95
                                           (0.60)
                                                          (2.61)
R^2
                             0.82
                                            0.83
                                                           0.83
Adj. R^2
                             0.81
                                            0.82
                                                           0.82
Num. obs.
                         40474
                                        40455
                                                       40455
```

Gender has no effect

<pre>[1] "Table 5 - Religion" [1] "REFERENCE: Religion Undisclosed" [1] "#####" [1] "#####"</pre>							
[1] ######							
	Model 1	Model 2	Model 3				
Intercept	-39.95	258.37	49.28				
	(33.84)	(508.76)	(32.37)				
Disaster	0.54 ***	0.40 *** (0.14)	0.40 ***				
Protestant	(0.14) 0.49 ***	(0.14)	(0.14) -0.13				
rocescane	(0.16)		(0.13)				
Catholic Roman	0.46 **		-0.01				
	(0.20)		(0.15)				
Catholic Christian	10.88		-5.28 (5.22)				
Cathalia Orthodox	(12.98)		(5.22)				
Catholic Orthodox	-6.93 (13.42)		1.93 (4.05)				
Catholic Other	8.93		-0.69				
cathotic other	(6.19)		(6.48)				
Jewish	-1.96		34.05				
	(49.03)		(24.06)				
Muslim	9.48 ***		0.04				
Daliaian Othan	(3.65)		(2.31)				
Religion Other	1.13 (8.02)		2.79 (3.70)				
Atheist	0.15		-0.07				
Acticist	(0.19)		(0.19)				
Green Party %	(3123)	0.55 ***	0.55 ***				
		(0.02)	(0.02)				
Social Democrats %		0.25 ***	0.25 ***				
		(0.01)	(0.01)				
Christian Democrats %		-0.02 ***	-0.02 ***				
Liberal Democrats %		(0.01) 0.73 ***	(0.01) 0.73 ***				
EIDELAC Democrats %		(0.05)	(0.05)				
Swiss People's Party %		-0.01	-0.01				
		(0.01)	(0.01)				
Rainfall		-141.74	-3.38				
		(339.74)	(7.77)				
No vegetation		-23 <b>.</b> 04	-0.39				
Share of Water		(48.84) 1.31	(0.83) 2.01 *				
Share of water		(2.06)	(1.21)				
Share of Gras		-0.87	0.00				
		(1.98)	(0.12)				
Artificial		0.18	0.00				
		(0.60)	(0.12)				
DA2	0.02	0.02	0.02				
R^2 Adj. R^2	0.82 0.81	0.83 0.82	0.83 0.82				
Num. obs.	40474	40455	0.82 40455				
	404/4	40433	40433				

# Religion

Religion has no effect

```
[1] "#####"
[1] "#####"
[1] "Table 6 - Damage Extent"
[1] "REFERENCE: Damage Extent 1 (LOW)"
    "#####"
[1] "#####"
                                       Model 2
                         Model 1
                                                      Model 3
Intercept
                            58.66 ***
                                         258.37
                                                        258.84
                            (1.97)
                                         (508.76)
                                                       (508.76)
                             0.50 ***
Disaster
                                            0.40 ***
                                                          0.40 ***
                            (0.15)
                                           (0.14)
                                                         (0.14)
Damage Extent 2
                             0.72
                                                          0.35
                            (0.44)
                                                         (0.43)
Damage Extent 3
                            -0.75
                                                         -0.77
                            (0.70)
                                                         (0.68)
Green Party %
                                            0.55 ***
                                                          0.55 ***
                                           (0.02)
                                                         (0.02)
Social Democrats %
                                           0.25 ***
                                                          0.25 ***
                                           (0.01)
                                                         (0.01)
Christian Democrats %
                                           -0.02 ***
                                                         -0.02 ***
                                           (0.01)
                                                         (0.01)
Liberal Democrats %
                                                          0.73 ***
                                           0.73 ***
                                           (0.05)
                                                         (0.05)
Swiss People's Party %
                                           -0.01
                                                         -0.01
                                           (0.01)
                                                         (0.01)
Rainfall
                                         -141.74
                                                       -142.07
                                         (339.74)
                                                       (339.74)
No vegetation
                                         -23.04
                                                        -23.08
                                          (48.84)
                                                        (48.84)
Share of Water
                                           1.31
                                                          1.32
                                           (2.06)
                                                         (2.06)
Share of Gras
                                                         -0.87
                                           -0.87
                                           (1.98)
                                                         (1.98)
Artificial
                                           0.18
                                                          0.19
                                           (0.60)
                                                         (0.60)
R^2
                             0.82
                                            0.83
                                                          0.83
Adj. R^2
                             0.81
                                                          0.82
                                            0.82
Num. obs.
                         40474
                                       40455
                                                      40455
```

\*\*\* p < 0.01; \*\* p < 0.05; \* p < 0.1

Damage extent Low, Medium, High has no effect – which supports my hypothesis, that not considering low damage events by Leemann & Baccini was not necessary.

### **New Variables**

1995 - 2018

2018 - 2023

Reason for cutoff date:

Greta Thunbergs first Climate-Strike 2018-08-20

Checking whether there is a change because of more sensitivity due to climate demonstrations.

Part	able 1 - Income: #####" #####"	before 2018-08	3–20"		[1] "Table 1 - Income: [1] "#####" [1] "#####"	after 2018-0	08–20"
(2.08) (539.25) (537.57)  saster		======== Model 1	 Model 2	Model 3	=======================================	Model 1	Model 2
Sisaster	ercept				Intercept		260.79
(0.15)							(294.95)
nc. = <30	aster				Disaster		0.93 *
(a. 66) (a. 64) (a. 64	2.2		(0.15)				(0.45)
Inc. 30-40	. =<30				Inc. =<30	-0.57	
(0.04) (0.04) (0.04) (0.05) (0.03) (0.03) (0.03) (0.03) (0.03) (0.02) (0.02) (0.02) (0.02) (0.02) (0.01) (0.02) (0.01) (0.02) (0.01) (0.02) (0.01) (0.02) (0.01) (0.02) (0.01) (0.02) (0.01) (0						(0.80)	
Inc. 40-50	. 30–40				Inc. 30-40	-0.49	
(0.03) (0.03) (0.03) (10.0.50-75						(0.82)	
Inc. 50-75	. 40–50				Inc. 40-50	-0.11	
(0.02) (0.02) (0.02) Inc. 75< 0.07 **** 0.05 **** (0.01) Inc. 75< 0.07 **** 0.05 **** (0.01) Inc. 75< 0.07 **** 0.25 **** (0.01) Inc. 75< 0.02) (0.02) Inc. 75< 0.02) (0.02) Inc. 75< 0.02 *** (0.01) Inc. 75< 0.02 (0.03) Inc. 75< In	F0 7F						
Inc. 75<	. 50-/5				Inc. 50-75	-0.71	
(0.01) (0.01) (0.01) Green Party % (0.02) (0.02) Green Party % (0.02) (0.02) Green Party % (0.02) (0.02) Green Party % (0.02) Green Par	75					(0.81)	
0.27 ***   0.25 ***   0.25 ***   0.02   0.	. /5<				Inc. 75<	-0.02	
(0.02) (0.02) Social Democrats % 0.21 *** 0.20 *** (0.01) (0.01) Christian Democrats % -0.05 *** -0.06 *** (0.01) (0.01) Ciberal Democrats % 0.64 *** (0.01) (0.01) Ciberal Democrats % 0.64 *** (0.05) (0.05) Swiss People's Party % 0.03 *** (0.01) Cainfall -97.13 -97.06 (360.11) (358.99) Solial Democrats % Christian Democrats % Christian Democrats % (0.05) Swiss People's Party % 0.03 *** (0.01) (0.01) Cainfall -97.13 -97.06 Cainfall -97.13 -97.06 Share of Water (51.76) (51.60) Share of Water 1.33 0.38 Cainfall (2.19) (2.18) Share of Gras -0.60 -0.68 (2.09) (2.09) Cainficial 0.11 0.13 (0.64) (0.64)  Cainfall 0.11 0.13 Cainfall 0.11 0.1		(0.01)	0.07			(0.83)	
Social Democrats % (0.01) (0.01) (0.01)  Christian Democrats % (0.01) (0.01) (0.01)  Christian Democrats % (0.02)  Christ	en Party %				Green Party %		0.48
(0.01) (0.01) (0.01)  Christian Democrats %							(1.34)
Christian Democrats %	ial Democrats %				Social Democrats %		-1.65
(0.01) (0.01) (0.05) (0.05) (0.05) (0.05) (0.05) (0.05) (0.01) (0	istisa Bansanata 8						(2.48)
Liberal Democrats % 0.64 *** 0.62 *** (0.05)	istian Democrats %				Christian Democrats %		-1.74
(0.05) (0.05) (0.05) wiss People's Party % 0.03 *** 0.03 *** (0.01) (0.01) ainfall -97.13 -97.06 (360.11) (358.99) to vegetation -16.52 -19.27 (51.76) (51.60) there of Water 1.33 0.38 (2.19) (2.18) (4.19) (2.18) (4.19) (2.18) (4.19) (2.19) (2.18) there of Gras (2.09) (2.09) (2.09) artificial 0.11 0.13 (0.64) (0.64) (0.64) (0.64)  \$\frac{0.86}{2} 0.86 0.86 0.86 0.86	nal Damasunta 0						(2.76)
wiss People's Party %  (0.01) (0.01) (0.01)  ainfall  -97.13 -97.06 (360.11) (358.99)  o vegetation  -16.52 -19.27 (51.76) (51.60)  hare of Water  1.33 0.38 (2.19) (2.18)  hare of Gras  -0.60 -0.68 (2.09) (2.09)  rtificial  0.11 0.13 (0.64) (0.64)	eral Democrats %				Liberal Democrats %		-8.14
(0.01) (0.01)  dainfall -97.13 -97.06 (360.11) (358.99)  No vegetation (51.76) (51.60)  Share of Water 1.33 0.38 (2.19) (2.18)  Share of Gras -0.60 -0.68 (2.09) (2.09)  Artificial 0.11 0.13 (0.64) (0.64)  (0.64) (0.64)  (0.20) 0.86 0.86 0.86	Danilala Dantu 0						(11.45)
Rainfall	ss People's Party %				Swiss People's Party %		0.14
(360.11) (358.99)  In vegetation (51.76) (51.60)  Share of Water (2.19) (2.18)  Share of Gras (2.09) (2.09)  Artificial (0.64) (0.64)  (0.64) (0.64)  (0.86) (0.86) (0.86)  (1.33 (0.86) (0.86)  (2.19) (2.18)  (2.19) (2.18)  (360.11) (358.99)  No vegetation  Share of Water  Share of Gras  Artificial  (0.64) (0.64)  (0.64)  (0.64)	-f-11						(0.82)
No vegetation -16.52 -19.27 (51.76) (51.60) Share of Water 1.33 0.38 (2.19) (2.18) Share of Gras -0.60 -0.68 (2.09) (2.09) Artificial 0.11 0.13 (0.64) (0.64)	IIatt				Rainfall		-50.77
(51.76) (51.60) Share of Water	vogotation						(54.89)
Share of Water  1.33 0.38 (2.19) (2.18) Share of Gras  -0.60 -0.68 (2.09) (2.09) Artificial  0.11 0.13 (0.64) (0.64)	regetation				No vegetation		-5.17
(2.19) (2.18) Share of Gras -0.60 -0.68 (2.09) (2.09) Artificial 0.11 0.13 (0.64) (0.64)	ro of Water						(4.92)
Share of Gras -0.60 -0.68 (2.09) (2.09)  Artificial 0.11 0.13 (0.64) (0.64)	re or water				Share of Water		-9.58
(2.09) (2.09)  Artificial 0.11 0.13 (0.64) (0.64)	re of Cras						(13.91)
Artificial 0.11 0.13 (0.64) (0.64) Artificial R^2 0.86 0.86 0.86	re or dras				Share of Gras		-0.80
(0.64) (0.64) Artificial	ificial			(2.09)			(1.29)
	TITCIAL				Artificial		-0.92
0.86 0.86 0.86			(0.64)	(0.04)			(1.40)
						0.64	
Adj. R^2 0.85 0.85 0.85 R^2 0.64							0.64
Num. obs. 34078 34062 34062 34062 Adj. R^2 0.46	obs.	34078	34062	34062			0.46 6393

Before 2018 the Treatment/Disaster experience was not significant and green votes were solely dependable on income?

After 2018: only Treatment/Disaster experience is significant and affects yes vote share.

[1] "Table 2 - Age: bef [1] "REFERENCE: AGE 0-1 [1] "#####" [1] "#####"		" 	
, =====================================	 Model 1	======== Model 2	Model 3
Intercept	 63.73 *** (7.66)	196.03 (539.25)	344.38 (541.45)
Disaster	0.06	0.00	0.02
	(0.15)	(0.15)	(0.15)
Age 18-30	0.84 ***		0.64 ***
Age 31-45	(0.09) 0.34 ***		(0.09) 0.22 *
Age 31-43	(0.13)		(0.13)
Age 46-65	-0.20 **		-0.26 ***
	(0.09)		(0.09)
Age 66-85	-0.67 *** (0.11)		-0.60 *** (0.11)
Age 86-100	-0.82 ***		-0.74 ***
gc 50 100	(0.22)		(0.22)
Green Party %		0.27 ***	0.25 ***
Sanial Damanusta &		(0.02)	(0.02)
Social Democrats %		0.21 *** (0.01)	0.19 *** (0.01)
Christian Democrats %		-0.05 ***	-0.05 ***
		(0.01)	(0.01)
Liberal Democrats %		0.64 ***	0.60 ***
Swiss People's Party %		(0.05) 0.03 ***	(0.05) 0.03 ***
Swiss reopte's raity %		(0.01)	(0.01)
Rainfall		-97.13	-187.34
No constables		(360.11)	(361.87)
No vegetation		-16.52 (51.76)	-30.43 (51.93)
Share of Water		1.33	1.41
		(2.19)	(2.22)
Share of Gras		-0.60 (2.60)	-1.17 (2.10)
Artificial		(2.09) 0.11	(2.10) 0.20
		(0.64)	(0.64)
R^2	0.86	0.86	0.86
Adj. R^2	0.85	0.85	0.85
Num. obs.	34078 	34062 	34062
** p < 0.01; ** p < 0.	.05; * p < 0.1		

Model 1 Model 2 18.78 260.79 (28.81) (294.95) 0.88 \*\* 0.93 \*\* (0.45)(0.45)0.19 (0.34)0.96 \*\* (0.47)0.02 (0.38)1.16 \*\*\* (0.40) -1.93 \*\* (0.80) 0.48 (1.34)-1.65 rats % (2.48)-1.74 mocrats % (2.76)crats % -8.14 (11.45) 's Party % 0.14 (0.82)-50.77 (54.89) -5.17 (4.92)-9.58

- Age: after 2018-08-20"

Model 3

270.40

(300.55)

(0.45)

0.19

(0.34)

(0.47)

0.02

(0.38)

(0.40) -1.93 \*\*

(0.80)

0.01

(1.39)

-2.12

(2.55)

-2.45

(2.83) -9.99

(11.72)

-0.47

(0.83) -45.13

(56.55)

-5.47

(5.13)

-11.59

(14.23)

-0.80

(1.32)

-1.12

(1.44)

0.64

0.46

6393

(13.91)

-0.80

(1.29)

-0.92

0.64

0.46

6396

(1.40)

0.64

0.46

6393

0.88 \*\*

0.96 \*\*

1.16 \*\*\*

Before 2018 people in age groups would negatively affect the yes vote share.

After 2018: Most age groups would positively support yes vote share. Expect the oldest generation drastically increased the negative effect.

[1] "Table 3 - EDUCATION [1] "REFERENCE: Edu BASI [1] "#####" [1] "#####"		-08–20"		[1] "Table 3 - EDUCATI [1] "REFERENCE: Edu BA [1] "#####" [1] "#####"		8-08-20"	
	Model 1	 Model 2	======== Model 3	<del>=====================================</del>	Model 1	Model 2	Model 3
Intercept	122.54 *** (5.43)	196.03 (539.25)	216.42 (537.81)	Intercept	54.55 *** (15.14)	260.79 (294.95)	289.34 (303.23)
Disaster	-0.01 (0.15)	0.00 (0.15)	-0.03 (0.15)	Disaster	0.93 ** (0.45)	0.93 ** (0.45)	(0.45)
Edu MATURA	-0.82 *** (0.05)		-0.61 *** (0.05)	Edu MATURA	-0.61 (0.55)		-0.60 (0.55)
Edu TERTIARY	-0.58 *** (0.07)		-0.36 *** (0.07)	Edu TERTIARY	0.22 (0.26)		0.22 (0.26)
Green Party %		0.27 *** (0.02)	0.23 *** (0.02)	Green Party %		0.48 (1.34)	0.43 (1.35)
Social Democrats %		0.21 *** (0.01)		Social Democrats %		-1.65 (2.48)	-1.89 (2.53)
Christian Democrats %		-0.05 *** (0.01)	-0.07 *** (0.01)	Christian Democrats %		-1.74 (2.76)	-2.00 (2.81)
Liberal Democrats %		0.64 *** (0.05)	0.57 *** (0.05)	Liberal Democrats %		-8.14 (11.45)	-9.15 (11.62)
Swiss People's Party %		0.03 *** (0.01)	0.04 *** (0.01)	Swiss People's Party %	5	0.14 (0.82)	0.02 (0.85)
Rainfall		-97.13 (360.11)	-88.30 (359.11)	Rainfall		-50.77 (54.89)	-53.09 (55.08)
No vegetation		-16.52 (51.76)	-15.57 (51.62)	No vegetation		-5.17 (4.92)	-5.29 (4.92)
Share of Water		1.33 (2.19)	2.11 (2.19)	Share of Water		-9.58 (13.91)	-11.37 (14.37)
Share of Gras		-0.60 (2.09)	-0.49 (2.09)	Share of Gras		-0.80 (1.29)	-0.85 (1.29)
Artificial		0.11 (0.64)	0.27 (0.64)	Artificial		-0.92 (1.40)	-1.08 (1.44)
R^2	0.86	0.86	0.86	R^2	0.64 0.46	0.64 0.46	0.64 0.46
Adj. R^2 Num. obs.	0.85 34078	0.85 34062	0.85 34062	Adj. R^2 Num. obs.	0.46 6396	0.46 6393	0.46 6393
============================== *** p < 0.01; ** p < 0.0	05: * p < 0.1			*** p < 0.01; ** p < 0	 0.05; * p < 0.	======================================	

Before 2018: Educated people in general would have a negative effect on yes vote share if affected.

- Stands in contradiction to findings with entropy balanced model...

After 2018: Education has no effect on yes vote share.

After 2018 reasoning makes sense, as obligatory education in Switzerland is quite thorough.

```
[1] "Table 4 - Gender: before 2018-08-20"
                                                                                        [1] "Table 4 - Gender: after 2018-08-20"
[1] "REFERENCE: 1 = Female / 0 = Male"
                                                                                        [1] "REFERENCE: 1 = Female / 0 = Male"
[1] "#####"
                                                                                        [1] "#####"
                                                                                        [1] "#####"
[1] "######"
                        Model 1
                                       Model 2
                                                     Model 3
                                                                                                                  Model 1
                                                                                                                               Model 2
                                                                                                                                            Model 3
Intercept
                           49.25 ***
                                         196.03
                                                         61.65
                                                                                        Intercept
                                                                                                                    53.49 ***
                                                                                                                                260.79
                                                                                                                                             305.12
                                        (539.25)
                                                        (69.95)
                            (2.05)
                                                                                                                                (294.95)
                                                                                                                                            (430.72)
                                                                                                                    (5.08)
Disaster
                            0.04
                                           0.00
                                                          0.00
                                                                                        Disaster
                                                                                                                     0.93 **
                                                                                                                                  0.93 **
                                                                                                                                               0.93 **
                            (0.15)
                                          (0.15)
                                                         (0.15)
                                                                                                                                  (0.45)
                                                                                                                                              (0.45)
                                                                                                                    (0.45)
Female Share
                           13.19 ***
                                                        -25.45
                                                                                                                                              -7.70
                                                                                        Female Share
                                                                                                                     0.71
                           (2.89)
                                                       (111.88)
                                                                                                                    (7.19)
                                                                                                                                             (37.88)
Green Party %
                                           0.27 ***
                                                          0.27 ***
                                                                                        Green Party %
                                                                                                                                               0.35
                                                                                                                                  0.48
                                          (0.02)
                                                         (0.02)
                                                                                                                                              (1.66)
                                                                                                                                  (1.34)
Social Democrats %
                                           0.21 ***
                                                          0.21 ***
                                                                                        Social Democrats %
                                                                                                                                              -2.03
                                                                                                                                  -1.65
                                          (0.01)
                                                         (0.01)
                                                                                                                                              (3.58)
                                                                                                                                  (2.48)
Christian Democrats %
                                          -0.05 ***
                                                         -0.05 ***
                                                                                        Christian Democrats %
                                                                                                                                 -1.74
                                                                                                                                              -2.08
                                                         (0.01)
                                          (0.01)
                                                                                                                                              (3.75)
                                                                                                                                  (2.76)
Liberal Democrats %
                                           0.64 ***
                                                          0.64 ***
                                                                                        Liberal Democrats %
                                                                                                                                 -8.14
                                                                                                                                              -9.24
                                          (0.05)
                                                         (0.05)
                                                                                                                                (11.45)
                                                                                                                                             (14.64)
Swiss People's Party %
                                           0.03 ***
                                                         0.03 ***
                                                                                        Swiss People's Party %
                                                                                                                                  0.14
                                                                                                                                              -0.15
                                          (0.01)
                                                         (0.01)
                                                                                                                                  (0.82)
                                                                                                                                              (1.15)
                                         -97.13
                                                          7.82
Rainfall
                                                                                        Rainfall
                                                                                                                                             -58.26
                                                                                                                                -50.77
                                        (360.11)
                                                       (106.79)
                                                                                                                                 (54.89)
                                                                                                                                             (75.42)
No vegetation
                                         -16.52
                                                          3.17
                                                                                        No vegetation
                                                                                                                                 -5.17
                                                                                                                                              -5.45
                                         (51.76)
                                                        (36.96)
                                                                                                                                              (5.67)
                                                                                                                                  (4.92)
                                          1.33
Share of Water
                                                         1.88
                                                                                        Share of Water
                                                                                                                                 -9.58
                                                                                                                                             -10.67
                                          (2.19)
                                                         (4.58)
                                                                                                                                 (13.91)
                                                                                                                                             (16.86)
Share of Gras
                                          -0.60
                                                          0.06
                                                                                        Share of Gras
                                                                                                                                 -0.80
                                                                                                                                              -0.79
                                          (2.09)
                                                         (0.84)
                                                                                                                                  (1.29)
                                                                                                                                              (1.24)
Artificial
                                           0.11
                                                         -0.66
                                                                                        Artificial
                                                                                                                                              -1.12
                                                                                                                                 -0.92
                                          (0.64)
                                                         (2.77)
                                                                                                                                  (1.40)
                                                                                                                                              (2.08)
                            0.85
                                           0.86
                                                          0.86
                                                                                        R^2
                                                                                                                     0.64
                                                                                                                                  0.64
                                                                                                                                               0.64
Adj. R^2
                            0.84
                                           0.85
                                                          0.85
                                                                                        Adj. R^2
                                                                                                                     0.46
                                                                                                                                  0.46
                                                                                                                                               0.46
Num. obs.
                        34078
                                       34062
                                                     34062
                                                                                         Num. obs.
                                                                                                                  6396
                                                                                                                               6393
                                                                                                                                            6393
*** p < 0.01: ** p < 0.05: * p < 0.1
                                                                                        *** p < 0.01; ** p < 0.05; * p < 0.1
```

## Remar

Gender: No change here

[1] "REFERENCE: Relīgion Undisclosed" [1] "######" [1] "######"					
	======== Model 1	======== Model 2	Model 3		
Intercept	-42.25 (35.33)	196.03 (539.25)	67.12 * (34.31)		
Disaster	0.04	0.00	0.00		
	(0.15)	(0.15)	(0.15)		
Protestant	0.48 ***		-0.19		
	(0.17)		(0.14)		
Catholic Roman	0.49 **		-0.06		
	(0.21)		(0.16)		
Catholic Christian	11.08		-6.70		
	(13.55)		(5.53)		
Catholic Orthodox	-7.76		1.11		
	(14.01)		(4.29)		
Catholic Other	12.16 *		-3.07		
	(6.46)		(6.87)		
Jewish	7.19		30.01		
	(51.18)		(25.51)		
Muslim	9.93 ***		-0.21		
	(3.81)		(2.45)		
Religion Other	-2.85		3.86		
	(8.37)		(3.92)		
Atheist	0.16		-0.05		
	(0.20)		(0.20)		
Green Party %		0.27 ***	0.27 **		
		(0.02)	(0.02)		
Social Democrats %		0.21 ***	0.21 **		
		(0.01)	(0.01)		
Christian Democrats %		-0.05 ***	-0.05 **		
		(0.01)	(0.01)		
Liberal Democrats %		0.64 ***	0.64 **		
		(0.05)	(0.05)		
Swiss People's Party %		0.03 ***	0.03 **		
		(0.01)	(0.01)		
Rainfall		-97.13	-4.34		
		(360.11)	(8.24)		
No vegetation		-16.52	-0.24		
		(51.76)	(0.89)		
Share of Water		1.33	2.76 **		
		(2.19)	(1.29)		
Share of Gras		-0.60	-0.02		
		(2.09)	(0.13)		
Artificial		0.11	-0.04		
		(0.64)	(0.12)		
		2.05			
R^2	0.85	0.86	0.86		
Adj. R^2	0.84	0.85	0.85		
Num. obs.	34078 	34062	34062		

- [1] "Table 5 Religion: after 2018-08-20"
  [1] "REFERENCE: Religion Undisclosed"
  [1] "#####"
  [1] "######"

	Model 1	Model 2	Model 3
Intercept	-17.43	260.79	-74.14
Diameter.	(87.91)	(294.95)	(129.31)
Disaster	0.93 ** (0.45)	0.93 ** (0.45)	0.93 * (0.45)
Protestant	0.56	(0.43)	-0.21
rocescune	(0.41)		(0.51)
Catholic Roman	0.35		-0.11
	(0.53)		(0.44)
Catholic Christian	10.51		7.91
	(33.71)		(6.63)
Catholic Orthodox	-2.79		5.59
Cathalia Othan	(34.85)		(6.54)
Catholic Other	-7.55 (16.08)		-7.91 (12.77)
Jewish	-51 <b>.</b> 13		16.26
DEWISH	(127.35)		(15.10)
Muslim	7.41		-1.06
	(9.47)		(7.69)
Religion Other	21.99		-3.88
	(20.83)		(11.01)
Atheist	0.08		0.08
	(0.49)		(0.41)
Green Party %		0.48	2.75 *
Social Democrats %		(1.34) -1.65	(1.35)
Social Democrats %		(2.48)	1.22 * (0.68)
Christian Democrats %		-1.74	0.88
ciii istiaii beilloci ats 1		(2.76)	(0.67)
Liberal Democrats %		-8.14	1.46
		(11.45)	(2.65)
Swiss People's Party %		0.14	0.67
		(0.82)	(0.71)
Rainfall		-50.77	14.65
		(54.89)	(23.49)
No vegetation		-5.17	-1.32
Share of Water		(4.92) -9.58	(2.11) 3.37
Share of water		(13.91)	(3.63)
Share of Gras		-0.80	0.66
		(1.29)	(0.65)
Artificial		-0.92	0.47
		(1.40)	(0.67)
 R^2	0.64	0.64	0.64
₹^2 Adj. R^2	0.64 0.46	0.64 0.46	0.64 0.46
Num. obs.	6396	6393	6393

## Remark

Religion: No change here

```
"Table 6 - Damage Extent: before 2018-08-20"
                                                                                             [1] "Table 6 - Damage Extent: after 2018-08-20"
[1] "REFERENCE: Damage Extent 1 (LOW)"
                                                                                             [1] "REFERENCE: Damage Extent 1 (LOW)"
[1]
                                                                                                 "######"
[1] "#####"
                                                                                             [1] "#####"
                         Model 1
                                       Model 2
                                                      Model 3
                                                                                                                                                 Model 3
                                                                                                                       Model 1
                                                                                                                                    Model 2
                                                        196.48
Intercept
                            62.46 ***
                                         196.03
                                                                                             Intercept
                                                                                                                         54.20 ***
                                                                                                                                     260.79
                                                                                                                                                  261.24
                            (2.05)
                                         (539.25)
                                                       (539.24)
                                                                                                                         (5.08)
                                                                                                                                     (294.95)
                                                                                                                                                  (294.92)
                             0.01
                                            0.00
                                                         -0.01
Disaster
                                                                                             Disaster
                                                                                                                          1.03 **
                                                                                                                                        0.93 **
                                                                                                                                                    1.03 **
                                           (0.15)
                            (0.16)
                                                         (0.16)
                                                                                                                         (0.46)
                                                                                                                                       (0.45)
                                                                                                                                                    (0.46)
Damage Extent 2
                             0.69
                                                          0.48
                                                                                                                         -3.03
                                                                                                                                                   -3.03
                                                                                             Damage Extent 2
                            (0.44)
                                                         (0.44)
                                                                                                                         (2.27)
                                                                                                                                                    (2.27)
Damage Extent 3
                            -0.85
                                                         -0.80
                                                                                             Damage Extent 3
                                                                                                                         -7.48
                                                                                                                                                   -7.48
                            (0.68)
                                                         (0.68)
                                                                                                                         (7.64)
                                                                                                                                                    (7.64)
                                                          0.27 ***
Green Party %
                                            0.27 ***
                                                                                             Green Party %
                                                                                                                                                    0.48
                                                                                                                                        0.48
                                           (0.02)
                                                         (0.02)
                                                                                                                                       (1.34)
                                                                                                                                                    (1.34)
Social Democrats %
                                            0.21 ***
                                                          0.21 ***
                                                                                                                                                   -1.65
                                                                                             Social Democrats %
                                                                                                                                       -1.65
                                           (0.01)
                                                         (0.01)
                                                                                                                                       (2.48)
                                                                                                                                                    (2.48)
                                           -0.05 ***
Christian Democrats %
                                                         -0.05 ***
                                                                                             Christian Democrats %
                                                                                                                                       -1.74
                                                                                                                                                   -1.74
                                           (0.01)
                                                         (0.01)
                                                                                                                                       (2.76)
                                                                                                                                                    (2.76)
Liberal Democrats %
                                            0.64 ***
                                                          0.64 ***
                                                                                             Liberal Democrats %
                                                                                                                                       -8.14
                                                                                                                                                   -8.15
                                           (0.05)
                                                         (0.05)
                                                                                                                                                   (11.45)
                                                                                                                                      (11.45)
                                            0.03 ***
                                                          0.03 ***
Swiss People's Party %
                                                                                             Swiss People's Party %
                                                                                                                                        0.14
                                                                                                                                                    0.14
                                           (0.01)
                                                         (0.01)
                                                                                                                                       (0.82)
                                                                                                                                                    (0.82)
                                         -97.13
Rainfall
                                                        -97.44
                                                                                             Rainfall
                                                                                                                                      -50.77
                                                                                                                                                  -51.03
                                         (360.11)
                                                       (360.10)
                                                                                                                                      (54.89)
                                                                                                                                                   (54.89)
                                         -16.52
                                                        -16.56
No vegetation
                                                                                                                                       -5.17
                                                                                                                                                   -5.19
                                                                                             No vegetation
                                          (51.76)
                                                        (51.76)
                                                                                                                                       (4.92)
                                                                                                                                                    (4.92)
Share of Water
                                           1.33
                                                          1.33
                                                                                             Share of Water
                                                                                                                                       -9.58
                                                                                                                                                   -9.58
                                           (2.19)
                                                         (2.19)
                                                                                                                                      (13.91)
                                                                                                                                                   (13.91)
                                           -0.60
                                                         -0.60
Share of Gras
                                                                                             Share of Gras
                                                                                                                                       -0.80
                                                                                                                                                   -0.81
                                           (2.09)
                                                         (2.09)
                                                                                                                                       (1.29)
                                                                                                                                                   (1.29)
Artificial
                                            0.11
                                                          0.11
                                                                                             Artificial
                                                                                                                                       -0.92
                                                                                                                                                   -0.92
                                           (0.64)
                                                         (0.64)
                                                                                                                                       (1.40)
                                                                                                                                                    (1.40)
R^2
                             0.85
                                            0.86
                                                          0.86
                                                                                             R^2
                                                                                                                          0.64
                                                                                                                                        0.64
                                                                                                                                                    0.64
Adj. R^2
                             0.84
                                            0.85
                                                          0.85
                                                                                             Adj. R^2
                                                                                                                          0.46
                                                                                                                                        0.46
                                                                                                                                                    0.46
Num. obs.
                         34078
                                       34062
                                                      34062
                                                                                             Num. obs.
                                                                                                                       6396
                                                                                                                                     6393
                                                                                                                                                 6393
*** p < 0.01; ** p < 0.05; * p < 0.1
                                                                                             *** p < 0.01; ** p < 0.05; * p < 0.1
```

## Remark

No change here