Example

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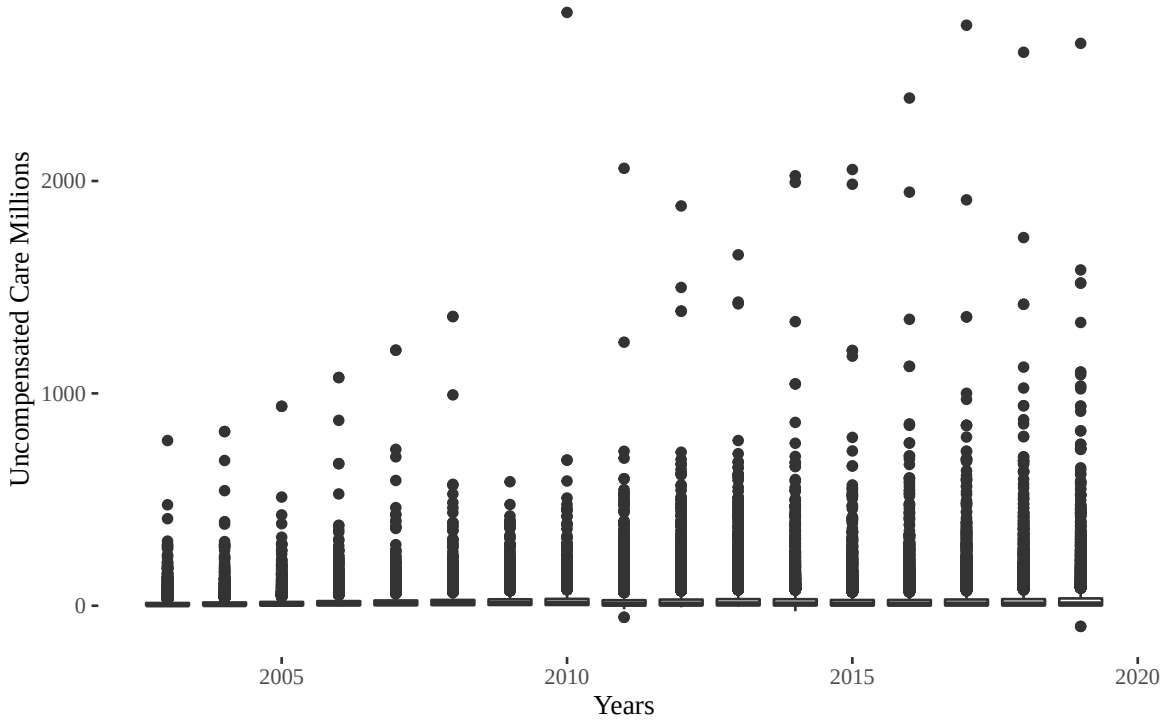
21. September 2022

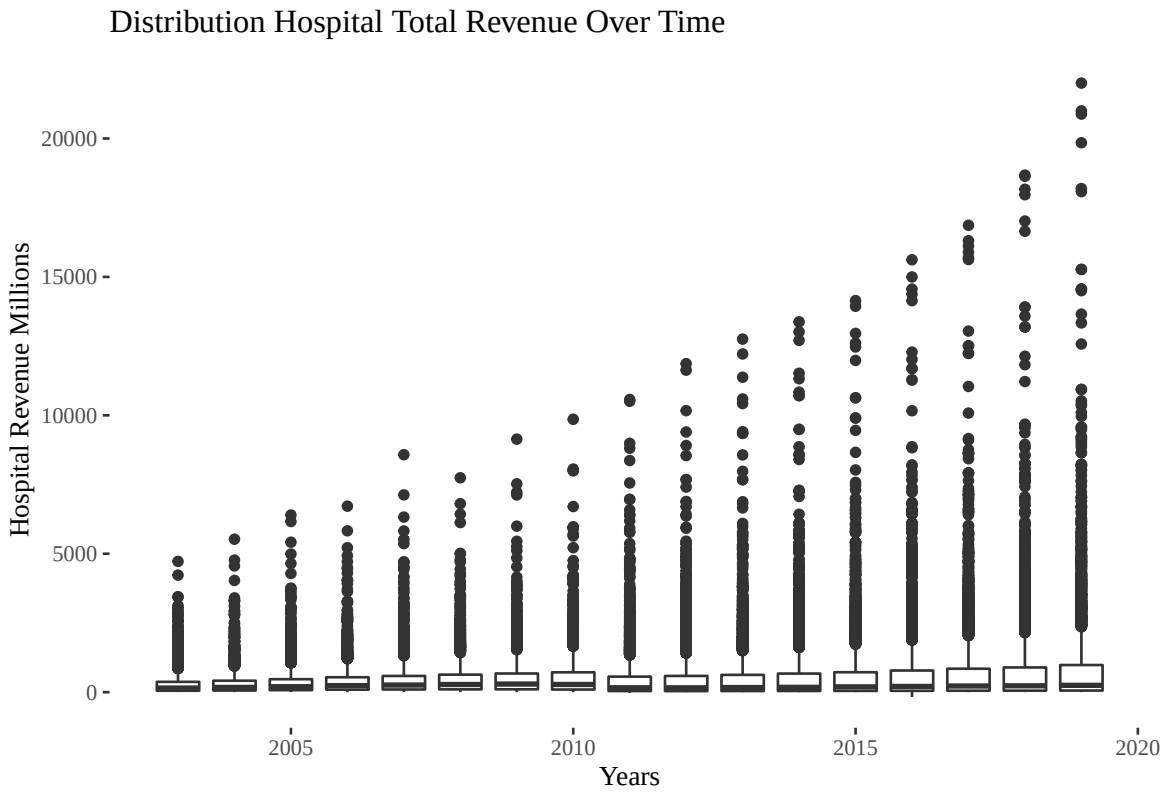
Part 1

whats the answer to life the universe and everything?

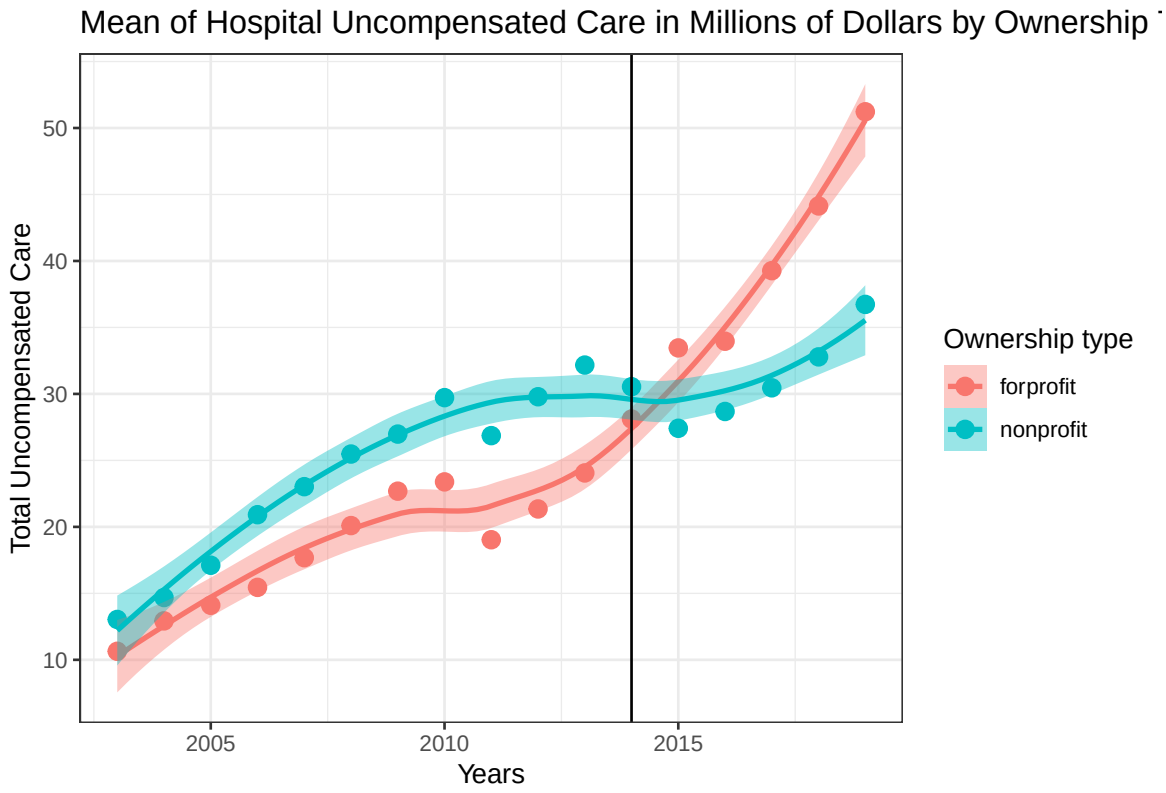
Lorem ipsum...

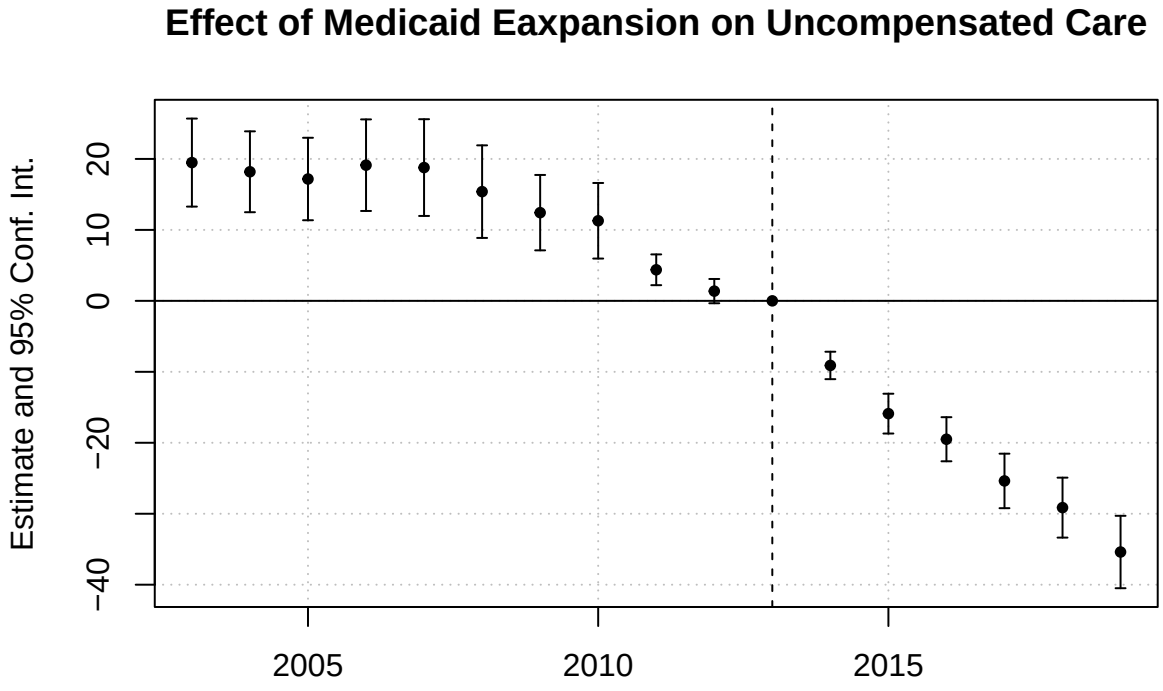
Distribution Hospital Uncompensated Care Over Time

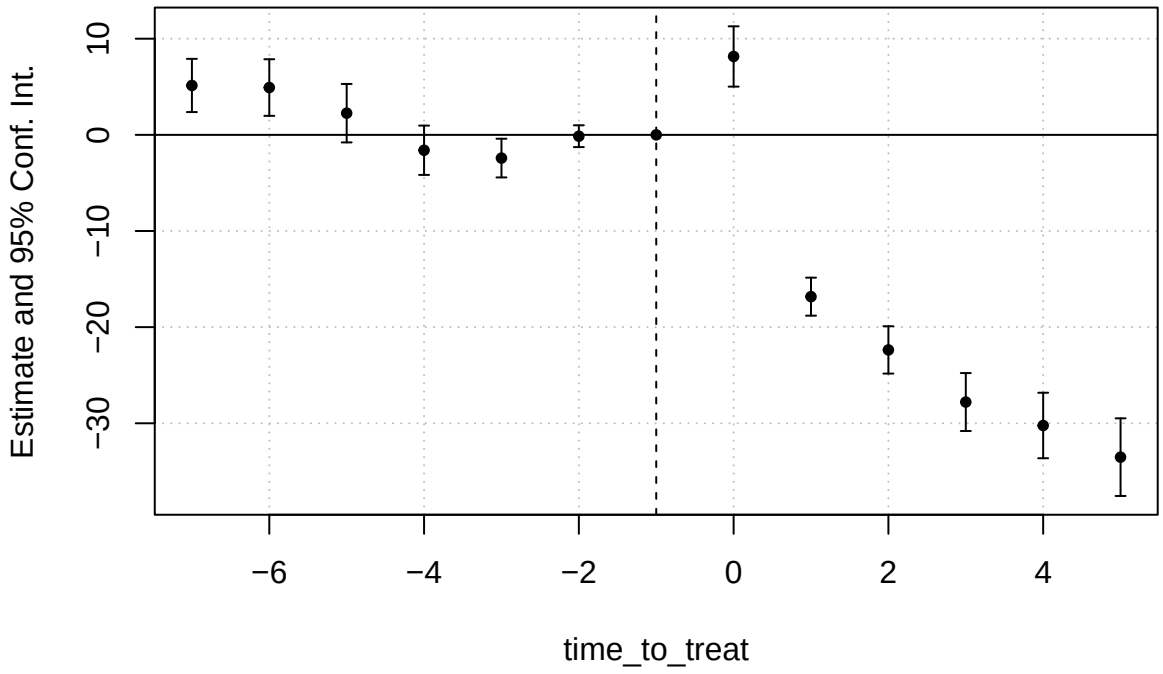


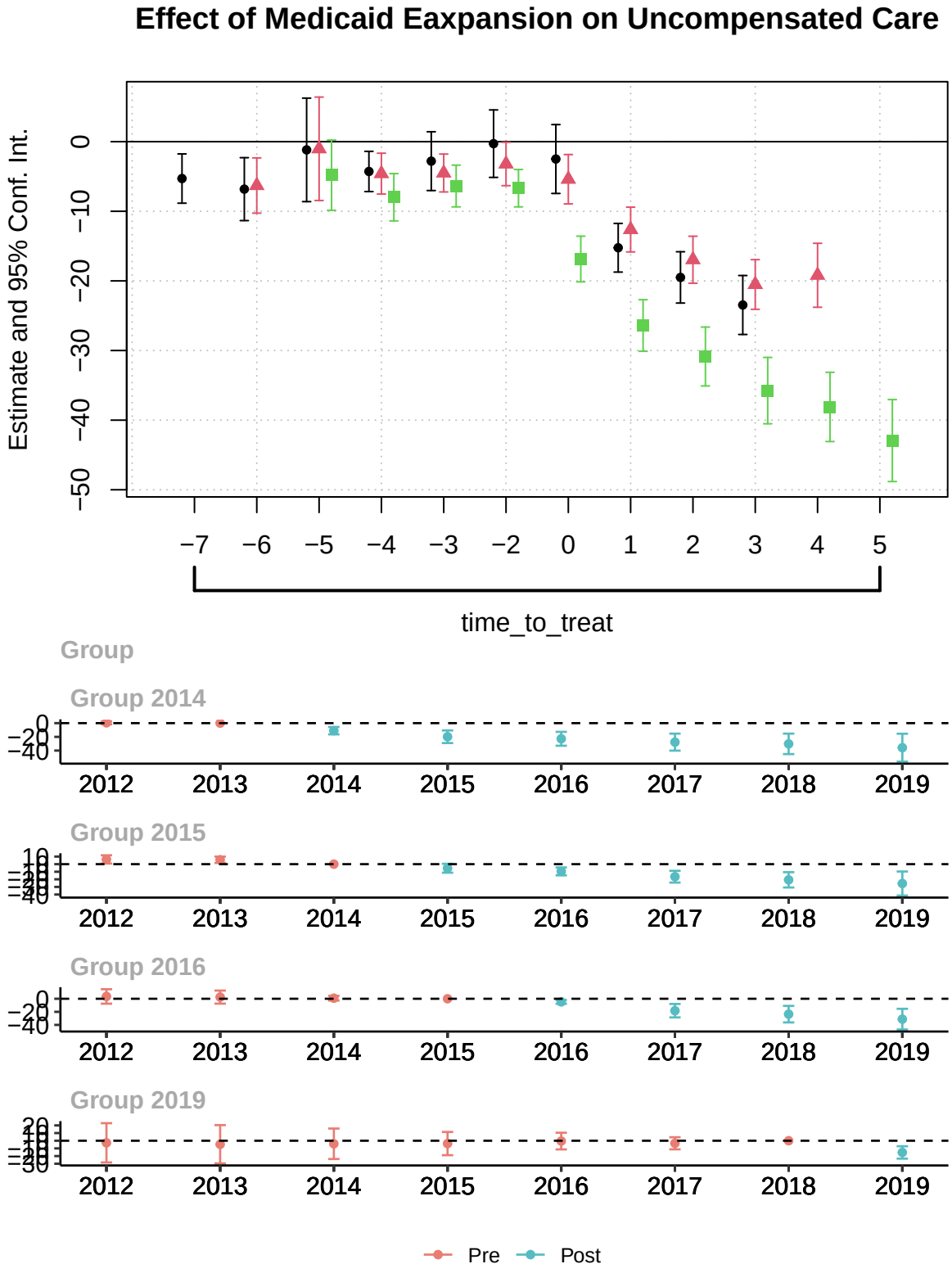


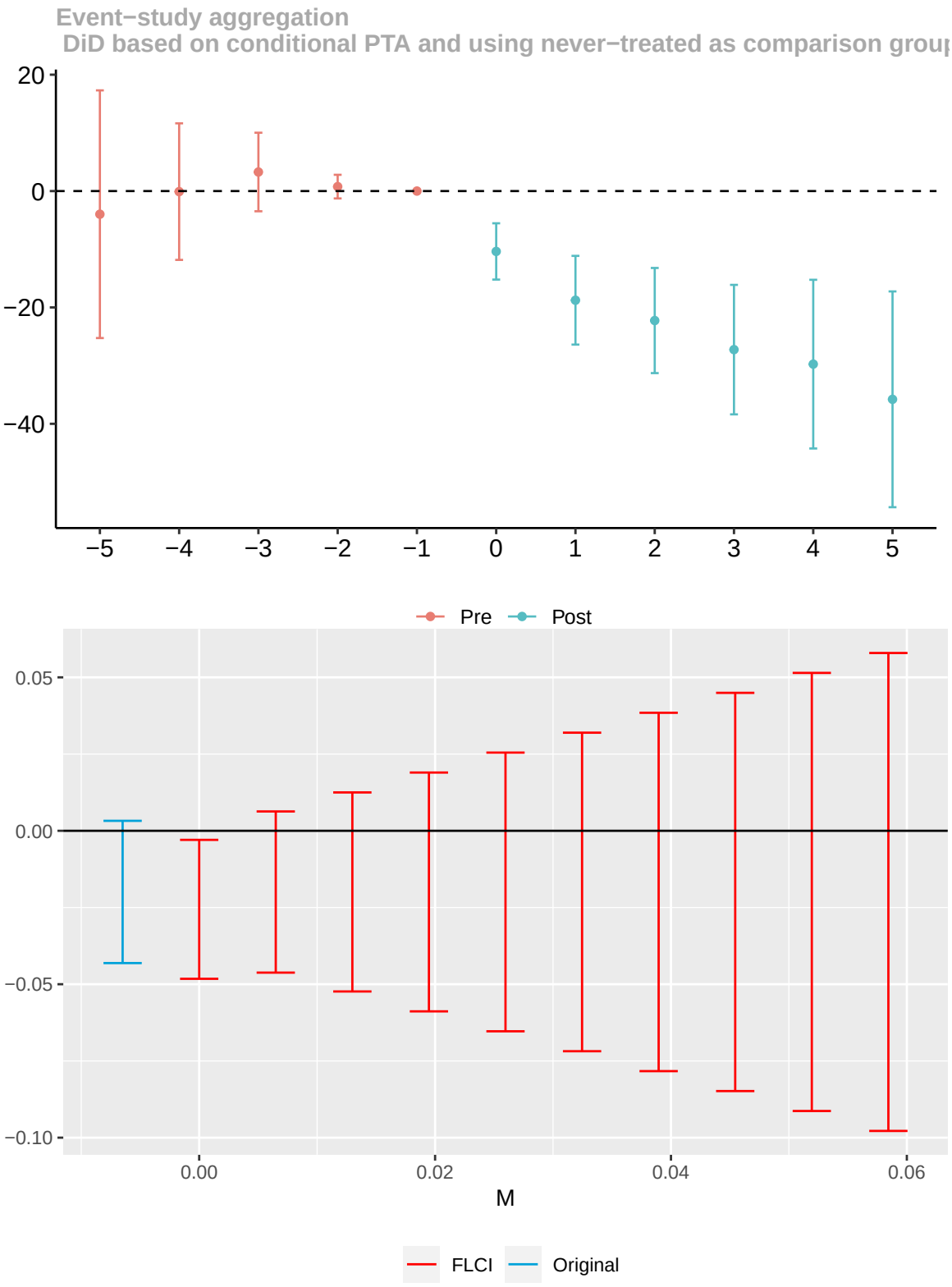

```
FALSE `geom_smooth()` using method = 'loess' and formula 'y ~ x'
```

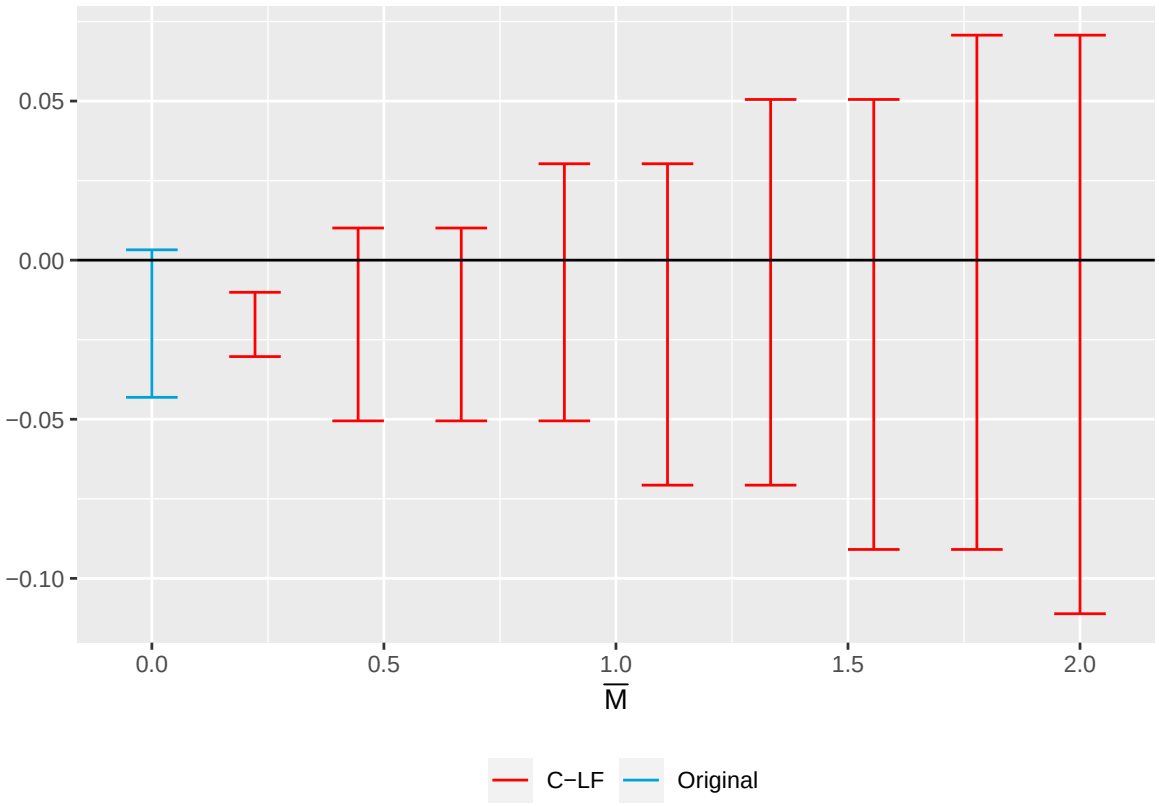



Effect of Medicaid Eaxpansion on Uncompensated Care
Estimate and 95% Conf. Int.
20
10
0
−20
−40
2005
2010
2015
year


Effect on unc_care
Estimate and 95% Conf. Int.
10
0
−10
−20
−30
−6
−4
−2
0
2
4
time_to_treat


Effect of Medicaid Eaxpansion on Uncompensated Care
Estimate and 95% Conf. Int.
0
−10
−20
−30
−40
−50
−7
−6
−5
−4
−3
−2
0
1
2
3
4
5
time_to_treat
Group
Group 2014
Group 2015
Group 2016
Group 2019
2012
2013
2014
2015
2016
2017
2018
2019
Pre
Post


Event−study aggregation
DiD based on conditional PTA and using never−treated as comparison group
20
0
−20
−40
−5
−4
−3
−2
−1
0
1
2
3
4
5
Pre
Post
0.05
0.00
−0.05
−0.10
0.00
0.02
0.04
0.06
M
FLCI
Original



% latex table generated in R 4.2.1 by xtable 1.8-4 package % Wed Sep 21 04:41:04 2022

	year	mean	sd	min	max
1	2003	13.26	30.68	0.00	777.99
2	2004	15.16	37.51	0.00	820.25
3	2005	17.31	39.89	0.00	939.13
4	2006	20.53	49.09	0.00	1074.62
5	2007	22.85	52.29	0.00	1203.37
6	2008	25.81	58.58	0.00	1361.81
7	2009	26.51	44.88	0.00	583.98
8	2010	28.59	67.33	0.00	2793.92
9	2011	25.19	59.22	0.00	2059.70
10	2012	28.01	67.71	0.00	1882.62
11	2013	30.20	68.94	0.00	1652.58
12	2014	30.32	74.00	0.00	2024.85
13	2015	28.59	71.72	0.00	2054.15
14	2016	29.83	77.46	0.00	2390.67
15	2017	32.08	84.52	0.00	2733.60
16	2018	34.71	88.23	0.00	2606.35
17	2019	38.61	97.94	0.00	2648.26

% latex table generated in R 4.2.1 by xtable 1.8-4 package % Wed Sep 21 04:41:04 2022

	year	mean	sd	min	max
1	2003	284.13	383.61	1.66	4722.76
2	2004	316.73	430.15	0.27	5525.73
3	2005	364.92	495.20	1.14	6398.55
4	2006	415.73	540.60	1.33	6718.17
5	2007	462.17	622.69	0.99	8577.05
6	2008	492.36	634.20	0.97	7743.08
7	2009	527.15	687.54	0.89	9139.32
8	2010	548.93	749.12	0.84	9857.53
9	2011	450.57	744.13	-27.58	10572.29
10	2012	474.12	796.22	0.85	11865.32
11	2013	507.36	869.11	0.95	12751.71
12	2014	544.79	950.09	1.09	13376.35
13	2015	588.96	1013.40	1.05	14143.53
14	2016	641.25	1118.92	-177.03	15618.75
15	2017	689.44	1220.60	1.00	16863.43
16	2018	743.16	1341.17	1.07	18677.25
17	2019	814.39	1488.68	0.72	22000.93

Tabelle 2: Regression table with stargazer

	d	d_14	d_15	d_16
Treatment	−28.191***	−26.243***	−12.003***	−12.424***
	(1.883)	(1.795)	(1.811)	(1.543)
Num.Obs.	79 557	79 557	79 557	79 557
R2	0.699	0.697	0.690	0.690
R2 Adj.	0.675	0.673	0.665	0.665
AIC	817 139.6	817 654.2	819 537.5	819 575.0
BIC	871 294.5	871 809.1	873 692.4	873 729.9
RMSE	38.22	38.34	38.80	38.81
Std.Errors	by: pn	by: pn	by: pn	by: pn

+ p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Tabelle 1: Regression table with stargazer

	Dependent variable:			
	unc_care			
	M1	M2	M3	
Treatment	−28.191***	−26.243***	−12.003***	−12.424***
	(1.883)	(1.795)	(1.811)	(1.543)
Observations	79,557	79,557	79,557	79,557
R^2	0.699	0.697	0.690	0.690
Adjusted R^2	0.675	0.673	0.665	0.665
Residual Std. Error (df = 73725)	39.701	39.829	40.304	40.313
Note:				*p<0.1; **p<0.05; ***p<0.01

Tabelle 3: Regression table with stargazer

	Model 1
year = 2003 × treated	19.485***
	(3.164)
year = 2004 × treated	18.189***
	(2.908)
year = 2005 × treated	17.172***
	(2.965)
year = 2006 × treated	19.119***
	(3.292)
year = 2007 × treated	18.782***
	(3.478)
year = 2008 × treated	15.392***
	(3.328)
year = 2009 × treated	12.430***
	(2.711)
year = 2010 × treated	11.285***
	(2.717)
year = 2011 × treated	4.376***
	(1.106)
year = 2012 × treated	1.371
	(0.873)
year = 2014 × treated	−9.102***
	(0.987)
year = 2015 × treated	−15.893***
	(1.431)
year = 2016 × treated	−19.503***
	(1.585)
year = 2017 × treated	−25.378***
	(1.959)
year = 2018 × treated	−29.139***
	(2.155)
year = 2019 × treated	−35.394***
	(2.603)
Num.Obs.	79 557
AIC	804 621.4
BIC	804 779.2
RMSE	38.01
Std.Errors	by: pn
FE: pn	X
FE: year	X

+ p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Tabelle 4: Regression table with stargazer

	Model 1
time_to_treat = -7 × treated	5.137***
	(1.412)
time_to_treat = -6 × treated	4.920**
	(1.502)
time_to_treat = -5 × treated	2.254
	(1.551)
time_to_treat = -4 × treated	−1.602
	(1.308)
time_to_treat = -3 × treated	−2.416*
	(1.027)
time_to_treat = -2 × treated	−0.141
	(0.578)
time_to_treat = 0 × treated	8.151***
	(1.599)
time_to_treat = 1 × treated	−16.830***
	(1.009)
time_to_treat = 2 × treated	−22.370***
	(1.256)
time_to_treat = 3 × treated	−27.793***
	(1.537)
time_to_treat = 4 × treated	−30.231***
	(1.738)
time_to_treat = 5 × treated	−33.524***
	(2.060)
Num.Obs.	79 557
AIC	805 085.8
BIC	805 206.5
RMSE	38.12
Std.Errors	by: pn
FE: pn	X
FE: year	X

+ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Tabelle 5: Regression table with stargazer

	mod.sa.2016	mod.sa.2015	mod.sa.2014
time_to_treat = -7	−5.298**		
	(1.806)		
time_to_treat = -6	−6.820**	−6.301**	
	(2.306)	(2.025)	
time_to_treat = -5	−1.181	−1.023	−4.815+
	(3.792)	(3.790)	(2.575)
time_to_treat = -4	−4.281**	−4.591**	−7.985***
	(1.474)	(5.908)	(1.733)
time_to_treat = -3	−2.801	−4.501**	−6.371***
	(2.155)	(2.097)	(1.529)
time_to_treat = -2	−0.286	−3.207*	−6.684***
	(2.473)	(1.384)	(1.369)
time_to_treat = 0	−2.493	−5.394**	−16.855***
	(2.524)	(1.278)	(1.673)
time_to_treat = 1	−15.240***	−12.623***	−26.405***
	(1.783)	(1.921)	(1.890)
time_to_treat = 2	−19.497***	−16.957***	−30.859***
	(1.880)	(2.156)	(2.158)
time_to_treat = 3	−23.461***	−20.513***	−35.758***
	(2.161)	(2.128)	(2.431)
time_to_treat = 4		−19.194***	−38.103***
		(5.484)	(2.538)
time_to_treat = 5			−42.934***
			(3.003)
Num.Obs.	79 557	79 557	79 557
AIC	807 862.7	807 729.3	804 897.4
BIC	807 964.8	807 831.4	804 999.5
RMSE	38.79	38.76	38.07
Std.Errors	by: pn	by: pn	by: pn
FE: pn	X	X	X
FE: year	X	X	X

+ p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Tabelle 6: Regression table with stargazer

	Model 1
ATT(2014,2012)	0.501
	(0.921)
ATT(2014,2013)	0.000
ATT(2014,2014)	−10.982
	(2.353)
ATT(2014,2015)	−19.827
	(4.032)
ATT(2014,2016)	−22.794
	(4.423)
ATT(2014,2017)	−27.690
	(5.425)
ATT(2014,2018)	−30.212
	(6.527)
ATT(2014,2019)	−35.792
	(8.895)
ATT(2015,2012)	6.244
	(2.375)
ATT(2015,2013)	5.781
	(1.828)
ATT(2015,2014)	0.000
ATT(2015,2015)	−5.401
	(2.551)
ATT(2015,2016)	−9.522
	(2.280)
ATT(2015,2017)	−16.522
	(3.393)
ATT(2015,2018)	−20.673
	(4.413)
ATT(2015,2019)	−25.534
	(6.938)
ATT(2016,2012)	3.523
	(4.837)
ATT(2016,2013)	2.544
	(4.361)
ATT(2016,2014)	0.879
	(1.577)
ATT(2016,2015)	0.000
ATT(2016,2016)	−4.752
	(1.310)
ATT(2016,2017)	−18.249
	(4.502)
ATT(2016,2018)	−23.546
	(5.533)
ATT(2016,2019)	−31.190
	(6.930)
ATT(2019,2012)	−2.711
	(11.211)
ATT(2019,2013)	−4.623
	(10.933)
ATT(2019,2014)	−3.978
	(8.697)
ATT(2019,2015)	−3.711
	(6.632)
ATT(2019,2016)	−0.441
	(4.756)
ATT(2019,2017)	−3.331

Tabelle 7: Regression table with stargazer

	Model 1
ATT(-5)	−3.978
	(9.523)
ATT(-4)	−0.094
	(5.252)
ATT(-3)	3.277
	(3.020)
ATT(-2)	0.764
	(0.909)
ATT(-1)	0.000
ATT(0)	−10.375
	(2.164)
ATT(1)	−18.762
	(3.412)
ATT(2)	−22.253
	(4.043)
ATT(3)	−27.251
	(4.979)
ATT(4)	−29.744
	(6.487)
ATT(5)	−35.792
	(8.298)
Num.Obs.	51
Std.Errors	by: state_id
type	dynamic
ngroup	4.000
ntime	8.000
control.group	nevertreated
est.method	dr