

# BA\_Github file

David Kreiner 12221999

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## Daten

Variable	Quelle	Zeitraum
BIP/Kopf	ARDECO	2015-2027
GFCF (Gross fixed capital formation)	Eurostat	2015-2021
Einwohnerzahl	Eurostat	2015-2021
BEvölkerungsdichte	Eurostat	2015-2021
Anteil Personen mit Tertiärbildung	Eurostat	2015-2021

Table 1: **Variablenauswahl.** \*Alle Werte ab 2024 basieren auf Schätzungen und Prognosen von AMECO

## Prädiktoren

ohne GDP

Region	Ln(Population)		Bevölkerungsdichte		GFCF		Education	
	Treated	Synthetic	Treated	Synthetic	Treated	Synthetic	Treated	Synthetic
ITC1	0.88	0.93	275.56	171.19	36.42	18.56	14.57	15.29
ITC2	0.17	0.03	300.36	38.67	26.38	17.81	13.21	11.74
ITC3	0.19	0.28	317.20	284.78	25.92	20.93	13.46	14.25
ITC4	1.05	1.74	411.19	418.39	35.98	20.61	15.32	16.12
ITF1	0.25	0.25	126.70	120.54	32.00	19.20	12.90	14.08
ITF2	0.14	0.06	131.85	68.37	32.20	19.09	12.67	12.63
ITF3	0.81	0.95	231.58	420.23	37.30	15.64	14.10	15.56
ITF4	0.64	0.65	659.28	204.66	30.09	14.54	14.92	15.20
ITF5	0.13	0.12	796.46	55.73	30.04	16.57	13.24	13.24
ITF6	0.30	0.30	232.21	125.95	31.32	15.57	13.40	14.47
ITG1	0.63	0.75	740.86	191.18	29.30	13.93	14.50	15.41
ITG2	0.29	0.28	358.54	67.47	23.84	16.40	14.18	14.30
ITH1	0.17	0.13	250.24	71.18	27.46	17.10	13.15	13.17
ITH2	0.16	0.11	268.76	87.26	27.09	20.66	13.20	13.20
ITH3	0.91	0.94	281.20	265.36	36.51	18.29	14.58	15.40
ITH4	0.26	0.23	377.53	154.09	32.49	19.89	13.76	14.01
ITH5	0.84	0.85	245.83	197.99	37.18	21.99	14.97	15.31
ITI1	0.62	0.62	278.08	161.49	32.12	20.61	14.22	15.13
ITI2	0.20	0.16	199.14	103.62	25.84	21.46	13.69	13.68
ITI3	0.27	0.25	236.55	162.21	25.75	20.50	14.01	14.24
ITI4	0.51	0.98	229.24	334.21	32.46	25.13	13.51	15.57

## Donors

Region	Donors			
1	ITC1	Oberbayern (0.458)	Stuttgart (0.302)	Åland (0.122)
10	ITF6	Åland (0.232)	Arnsberg (0.18)	
11	ITG1	Düsseldorf (0.748)	Åland (0.171)	Västsverige (0.079)
12	ITG2	Saarland (0.658)	Arnsberg (0.2)	Sachsen-Anhalt (0.14)
13	ITH1	Saarland (0.402)	Zeeland (0.301)	Braunschweig (0.17) Åland (0.127)
14	ITH2	Saarland (0.463)	Zeeland (0.33)	Åland (0.098) Braunschweig (0.082)
15	ITH3	Oberbayern (0.439)	Stuttgart (0.413)	Åland (0.14)
16	ITH4	Saarland (0.274)	Utrecht (0.111)	Braunschweig (0.071) Åland (0.065)
17	ITH5	Stuttgart (0.352)	Oberbayern (0.278)	Västsverige (0.272) Braunschweig (0.094)
18	ITI1	Stuttgart (0.519)	Braunschweig (0.296)	Åland (0.138)
19	ITI2	Kassel (0.662)	Saarland (0.257)	Åland (0.073)
2	ITC2	Saarland (0.721)	Åland (0.181)	Braunschweig (0.098)
20	ITI3	Kassel (0.562)	Saarland (0.22)	Arnsberg (0.112)
21	ITI4	Stuttgart (0.444)	Åland (0.298)	Braunschweig (0.258)
3	ITC3	Saarland (0.747)	Braunschweig (0.131)	Åland (0.116)
4	ITC4	Oberbayern (0.516)	Stuttgart (0.334)	Düsseldorf (0.147)
5	ITF1	Åland (0.333)	Mecklenburg-Vorpommern (0.137)	
6	ITF2	Friesland (0.482)	Åland (0.253)	Zeeland (0.105)
7	ITF3	Oberbayern (0.598)	Åland (0.214)	
8	ITF4	Düsseldorf (0.619)	Västsverige (0.172)	Braunschweig (0.113)
9	ITF5	Bremen (0.417)	Drenthe (0.291)	Saarland (0.106) Åland (0.06)

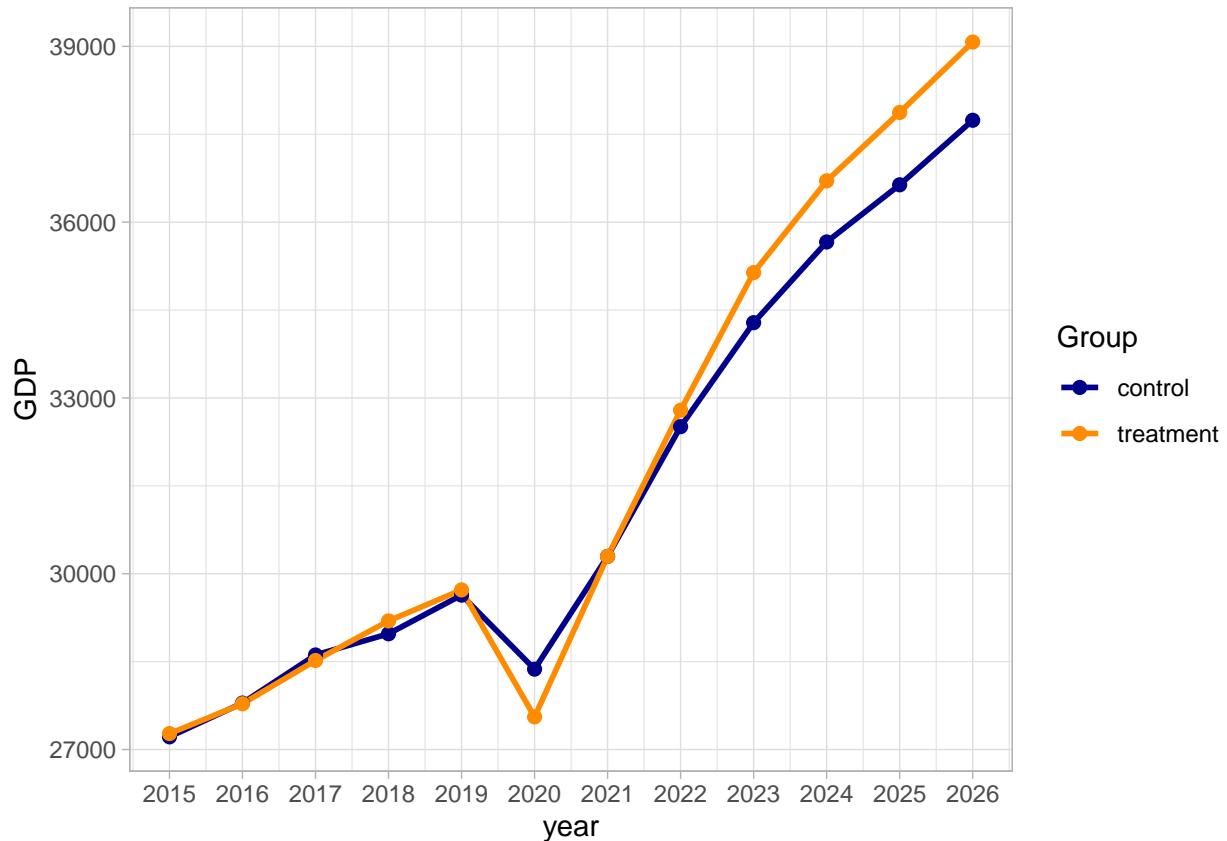
## Ergebnisse

NUTS	Region	pre_treatment	post_treatment
NA	ITC1	-109.65	285.29
NA	ITC2	-24.30	3776.16
NA	ITC3	-77.47	1702.35
NA	ITC4	-299.24	695.69
NA	ITF1	32.57	-254.66
NA	ITF2	-31.73	-239.41
NA	ITF3	4.09	622.48
NA	ITF4	-137.58	1164.20
NA	ITF5	-146.60	2037.43
NA	ITF6	-10.61	694.78
NA	ITG1	-81.81	395.29
NA	ITG2	-139.52	349.44
NA	ITH1	-96.84	1566.88
NA	ITH2	-72.57	375.11
NA	ITH3	-89.61	1236.88
NA	ITH4	-191.97	580.55
NA	ITH5	-182.94	1380.06
NA	ITI1	-27.86	1618.03
NA	ITI2	-142.10	208.38
NA	ITI3	-110.12	638.26
NA	ITI4	-9.87	1102.95
NA		Mean	949.34

## Ergebnisse nach Jahren

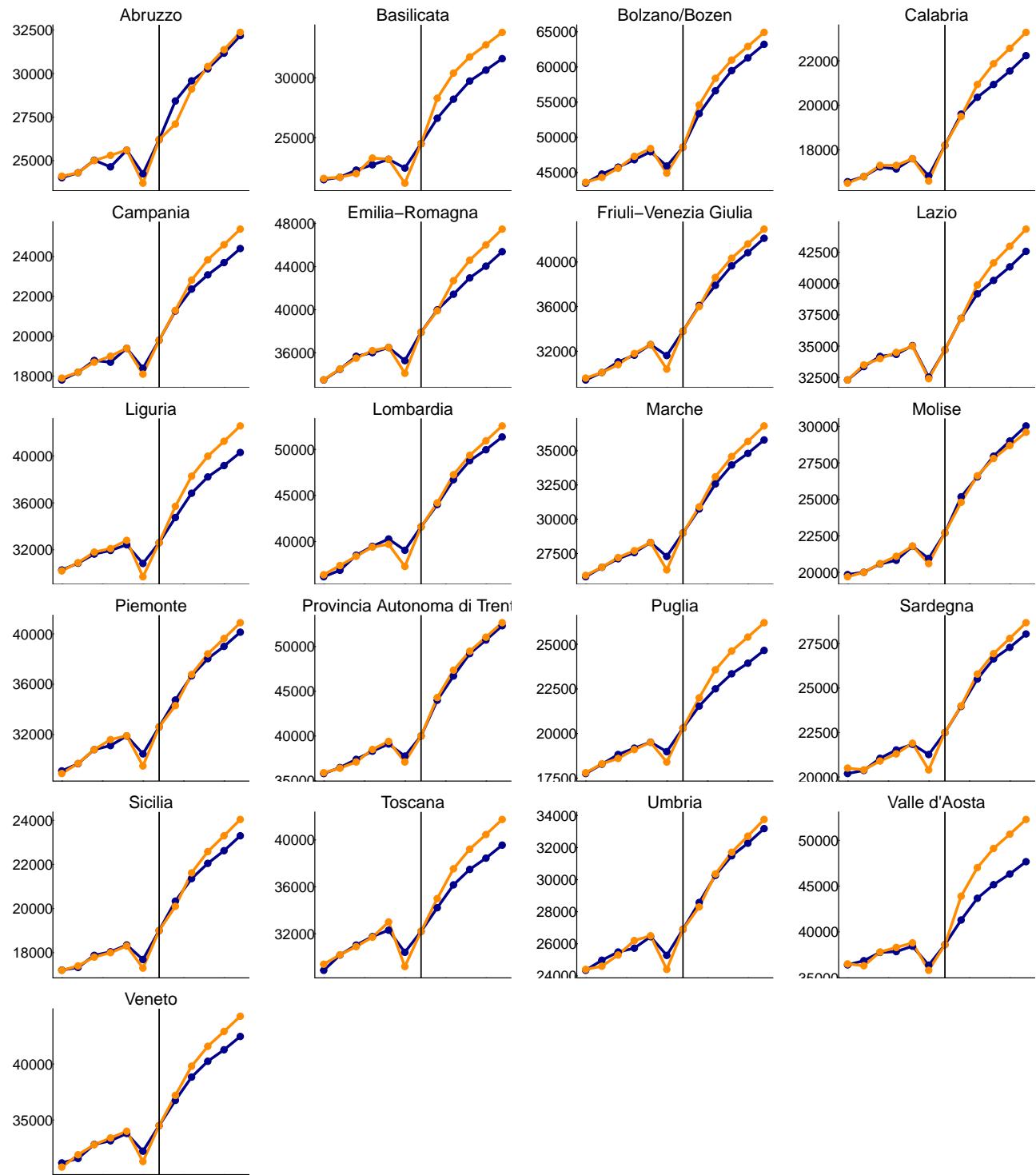
year	Difference
2015	54.84
2016	-11.67
2017	-94.36
2018	220.28
2019	89.37
2020	-814.39
2021	0.00
2022	280.47
2023	853.71
2024	1042.75
2025	1234.19
2026	1335.58

## Ergebnisse nach Jahren Graph



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## Saving 6.5 x 4.5 in image
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## Ergebnisse nach Jahren einzeln plot



**Placebo**

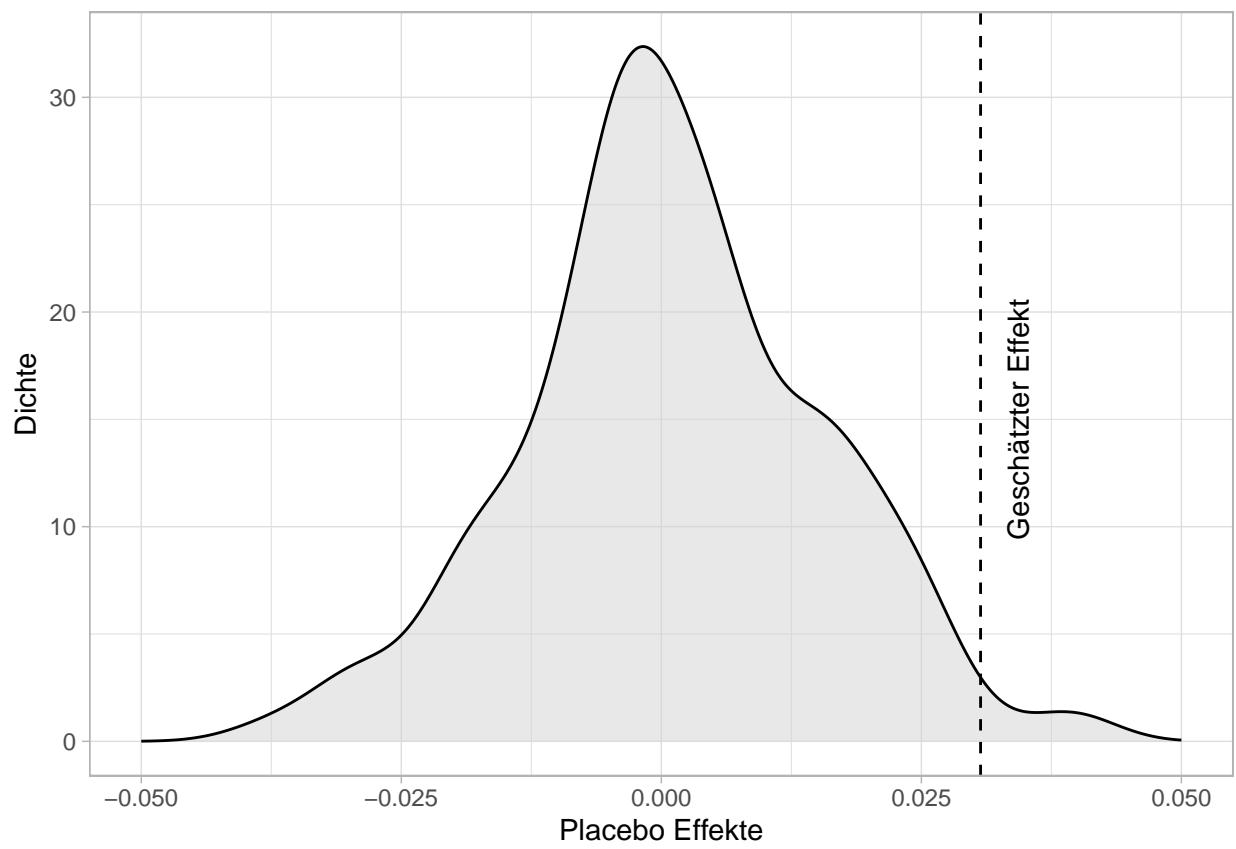


Figure 1: Placebo results, p-Wert = 0.028, K = 141

Der geschätzte p-Wert beträgt  $p = 2.8\%$ .

## P-wert nach Jahren

