

Ebbers, Friedewald 2023

IoT GDPR, DiD Analysis - detailed results, STATA Output

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1 . **_____InEffect
2 .
3 . ** North vs. East
4 .
5 . reg MeanGeneralAge is_EU_Northern regu_GDPR_effect is_EU_NorthernxGDPR_effect if (is_EU_Northern==1 | is_EU_Eastern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)      =     196.27
                              Prob > F            =     0.0000
                              R-squared           =     0.3917
                              Root MSE        =     121.41

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MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Northern	71.66355	10.48484	6.83	0.000	51.07021	92.25689
regu_GDPR_effect	-62.44038	14.34836	-4.35	0.000	-90.62207	-34.25869
is_EU_NorthernxGDPR_effect	-202.5921	18.14207	-11.17	0.000	-238.2251	-166.9592
_cons	813.4953	8.192754	99.29	0.000	797.4039	829.5868

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6 .
7 . ** North vs. South
8 .
9 . reg MeanGeneralAge is_EU_Northern regu_GDPR_effect is_EU_NorthernxGDPR_effect if (is_EU_Northern==1 | is_EU_Southern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)      =     388.10
                              Prob > F            =     0.0000
                              R-squared           =     0.5816
                              Root MSE        =     98.209

```

MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Northern	-17.43925	7.413143	-2.35	0.019	-31.99945	-2.879058
regu_GDPR_effect	-184.2904	9.000122	-20.48	0.000	-201.9676	-166.6132
is_EU_NorthernxGDPR_effect	-80.74207	14.29201	-5.65	0.000	-108.8131	-52.67106
_cons	902.5981	3.484815	259.01	0.000	895.7536	909.4427

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10 .
11 . **North vs. West
12 .
13 . reg MeanGeneralAge is_EU_Northern regu_GDPR_effect is_EU_NorthernxGDPR_effect if (is_EU_Northern==1 | is_EU_Western==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)       =     304.03
                              Prob > F           =     0.0000
                              R-squared          =     0.5490
                              Root MSE       =     94.786

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MeanGeneralAge	Robust		t	P> t	[95% Conf. Interval]	
	Coef.	Std. Err.				
is_EU_Northern	101.514	7.932529	12.80	0.000	85.9337	117.0943
regu_GDPR_effect	-146.2273	8.642398	-16.92	0.000	-163.2019	-129.2527
is_EU_NorthernxGDPR_effect	-118.8052	14.06948	-8.44	0.000	-146.4392	-91.17129
_cons	783.6449	4.484893	174.73	0.000	774.8361	792.4537

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14 .
15 .
16 .
17 . ** South vs. East
18 .
19 . reg MeanGeneralAge is_EU_Southern regu_GDPR_effect is_EU_SouthernxGDPR_effect if (is_EU_Southern==1 | is_EU_Eastern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)       =     186.25
                              Prob > F           =     0.0000
                              R-squared          =     0.2497
                              Root MSE       =     116.05

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MeanGeneralAge	Robust		t	P> t	[95% Conf. Interval]	
	Coef.	Std. Err.				
is_EU_Southern	89.1028	8.903098	10.01	0.000	71.61618	106.5894
regu_GDPR_effect	-62.44038	14.34836	-4.35	0.000	-90.62207	-34.25869
is_EU_SouthernxGDPR_effect	-121.8501	16.93746	-7.19	0.000	-155.117	-88.58309
_cons	813.4953	8.192754	99.29	0.000	797.4039	829.5868

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20 .
21 . ** South vs. North
22 .
23 . reg MeanGeneralAge is_EU_Southern regu_GDPR_effect is_EU_SouthernxGDPR_effect if (is_EU_Southern==1 | is_EU_Northern==1), robust

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```

Linear regression          Number of obs   =      578
                          F(3, 574)         =     388.10
                          Prob > F          =     0.0000
                          R-squared         =     0.5816
                          Root MSE       =     98.209

```

MeanGeneralAge	Robust		t	P> t	[95% Conf. Interval]	
	Coef.	Std. Err.				
is_EU_Southern	17.43925	7.413143	2.35	0.019	2.879058	31.99945
regu_GDPR_effect	-265.0325	11.10222	-23.87	0.000	-286.8384	-243.2266
is_EU_SouthernxGDPR_effect	80.74207	14.29201	5.65	0.000	52.67106	108.8131
_cons	885.1589	6.542992	135.28	0.000	872.3078	898.01

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24 .
25 . **South vs. West
26 .
27 . reg MeanGeneralAge is_EU_Southern regu_GDPR_effect is_EU_SouthernxGDPR_effect if (is_EU_Southern==1 | is_EU_Western==1), robust

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Linear regression          Number of obs   =      578
                          F(3, 574)         =     462.78
                          Prob > F          =     0.0000
                          R-squared         =     0.5320
                          Root MSE       =     87.822

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MeanGeneralAge	Robust		t	P> t	[95% Conf. Interval]	
	Coef.	Std. Err.				
is_EU_Southern	118.9533	5.67963	20.94	0.000	107.7979	130.1087
regu_GDPR_effect	-146.2273	8.642398	-16.92	0.000	-163.2019	-129.2527
is_EU_SouthernxGDPR_effect	-38.06316	12.47771	-3.05	0.002	-62.5707	-13.55562
_cons	783.6449	4.484893	174.73	0.000	774.8361	792.4537

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28 .
29 .
30 .
31 . ** East vs. South

32 .
33 . reg MeanGeneralAge is_EU_Eastern regu_GDPR_effect is_EU_EasternxGDPR_effect if (is_EU_Eastern==1 | is_EU_Southern==1), robust

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```

Linear regression              Number of obs   =      578
                              F(3, 574)      =     186.25
                              Prob > F          =     0.0000
                              R-squared         =     0.2497
                              Root MSE      =     116.05

```

MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Eastern	-89.1028	8.903098	-10.01	0.000	-106.5894	-71.61618
regu_GDPR_effect	-184.2904	9.000122	-20.48	0.000	-201.9676	-166.6132
is_EU_EasternxGDPR_effect	121.8501	16.93746	7.19	0.000	88.58309	155.117
_cons	902.5981	3.484815	259.01	0.000	895.7536	909.4427

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34 .
35 . ** East vs. North

36 .
37 . reg MeanGeneralAge is_EU_Eastern regu_GDPR_effect is_EU_EasternxGDPR_effect if (is_EU_Eastern==1 | is_EU_Northern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)      =     196.27
                              Prob > F          =     0.0000
                              R-squared         =     0.3917
                              Root MSE      =     121.41

```

MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Eastern	-71.66355	10.48484	-6.83	0.000	-92.25689	-51.07021
regu_GDPR_effect	-265.0325	11.10222	-23.87	0.000	-286.8384	-243.2266
is_EU_EasternxGDPR_effect	202.5921	18.14207	11.17	0.000	166.9592	238.2251
_cons	885.1589	6.542992	135.28	0.000	872.3078	898.01

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38 .
39 . **East vs. West

40 .
41 . reg MeanGeneralAge is_EU_Eastern regu_GDPR_effect is_EU_EasternxGDPR_effect if (is_EU_Eastern==1 | is_EU_Western==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)       =     115.02
                              Prob > F          =      0.0000
                              R-squared         =      0.2679
                              Root MSE      =     113.17

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MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Eastern	29.85047	9.339994	3.20	0.001	11.50573	48.1952
regu_GDPR_effect	-146.2273	8.642398	-16.92	0.000	-163.2019	-129.2527
is_EU_EasternxGDPR_effect	83.7869	16.75012	5.00	0.000	50.8879	116.6859
_cons	783.6449	4.484893	174.73	0.000	774.8361	792.4537

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42 .
43 .
44 .
45 . **** NOTS****

46 .
47 . ** North vs. North_NOT

48 .
49 . reg MeanGeneralAge is_EU_Northern regu_GDPR_effect is_EU_NorthernxGDPR_effect if (is_EU_Northern_NOT==1 | is_EU_Northern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)       =     379.92
                              Prob > F          =      0.0000
                              R-squared         =      0.6017
                              Root MSE      =     104.48

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MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Northern	-2.71e-12	9.253189	-0.00	1.000	-18.17424	18.17424
regu_GDPR_effect	-265.0325	11.10222	-23.87	0.000	-286.8384	-243.2266
is_EU_NorthernxGDPR_effect	4.30e-12	15.70091	0.00	1.000	-30.83824	30.83824
_cons	885.1589	6.542992	135.28	0.000	872.3078	898.01

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50 .
51 . **East vs. East_NOT
52 .
53 . reg MeanGeneralAge is_EU_Eastern regu_GDPR_effect is_EU_EasternxGDPR_effect if (is_EU_Eastern_NOT==1 | is_EU_Eastern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)       =      97.58
                              Prob > F          =      0.0000
                              R-squared         =      0.2340
                              Root MSE      =      116.08

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MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Eastern	7.46729	9.185929	0.81	0.417	-10.57484	25.50942
regu_GDPR_effect	-150.55	9.189913	-16.38	0.000	-168.6	-132.5001
is_EU_EasternxGDPR_effect	88.10963	17.03907	5.17	0.000	54.6431	121.5762
_cons	806.028	4.154523	194.01	0.000	797.8681	814.188

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54 .
55 . **South vs. South_NOT
56 .
57 . reg MeanGeneralAge is_EU_Southern regu_GDPR_effect is_EU_SouthernxGDPR_effect if (is_EU_Southern_NOT==1 | is_EU_Southern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)       =      279.52
                              Prob > F          =      0.0000
                              R-squared         =      0.4878
                              Root MSE      =      91.506

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MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Southern	-2.71e-12	4.928272	-0.00	1.000	-9.679647	9.679647
regu_GDPR_effect	-184.2904	9.000122	-20.48	0.000	-201.9676	-166.6132
is_EU_SouthernxGDPR_effect	4.30e-12	12.7281	0.00	1.000	-24.99932	24.99932
_cons	902.5981	3.484815	259.01	0.000	895.7536	909.4427

MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Eastern	123.7913	10.31898	12.00	0.000	103.5237	144.0588
regu_GDPR_published	15.74215	13.20977	1.19	0.234	-10.20324	41.68754
is_EU_EasternxGDPR_effect	-65.38284	14.51241	-4.51	0.000	-93.88675	-36.87893
_cons	676.9044	13.05246	51.86	0.000	651.268	702.5408

110 .
111 .
112 .
113 . **** NOTS****

114 .
115 . ** North vs. North_NOT

116 .
117 . reg MeanGeneralAge is_EU_Northern regu_GDPR_published is_EU_NorthernxGDPR_effect if (is_EU_Northern_NOT==1 | is_EU_Northern==1), robust

Linear regression

Number of obs	=	578
F(3, 574)	=	212.49
Prob > F	=	0.0000
R-squared	=	0.3664
Root MSE	=	131.78

MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Northern	146.6638	10.86956	13.49	0.000	125.3149	168.0128
regu_GDPR_published	-171.9663	16.68039	-10.31	0.000	-204.7283	-139.2042
is_EU_NorthernxGDPR_effect	-232.8893	11.19384	-20.81	0.000	-254.8752	-210.9034
_cons	878.3181	16.46889	53.33	0.000	845.9714	910.6647

118 .
119 . **East vs. East_NOT

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120 .
121 . reg MeanGeneralAge is_EU_Eastern regu_GDPR_published is_EU_EasternxGDPR_effect if (is_EU_Eastern_NOT==1 | is_EU_Eastern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)      =      31.61
                              Prob > F          =      0.0000
                              R-squared         =      0.0830
                              Root MSE      =      127

```

MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Eastern	103.3481	10.61769	9.73	0.000	82.49385	124.2024
regu_GDPR_published	9.096567	13.9444	0.65	0.514	-18.29172	36.48485
is_EU_EasternxGDPR_effect	-64.14067	14.55232	-4.41	0.000	-92.72297	-35.55838
_cons	702.7509	13.77735	51.01	0.000	675.6908	729.8111

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122 .
123 . **South vs. South_NOT

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124 .
125 . reg MeanGeneralAge is_EU_Southern regu_GDPR_published is_EU_SouthernxGDPR_effect if (is_EU_Southern_NOT==1 | is_EU_Southern==1), robust

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Linear regression              Number of obs   =      578
                              F(3, 574)      =     164.06
                              Prob > F          =      0.0000
                              R-squared         =      0.2741
                              Root MSE      =     108.93

```

MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Southern	105.4432	7.946383	13.27	0.000	89.83563	121.0507
regu_GDPR_published	-90.17942	11.66073	-7.73	0.000	-113.0823	-67.27651
is_EU_SouthernxGDPR_effect	-167.4345	9.234907	-18.13	0.000	-185.5728	-149.2961
_cons	870.4784	11.46022	75.96	0.000	847.9693	892.9875

```

126 .
127 . **West vs. West_NOT

128 .
129 . reg MeanGeneralAge is_EU_Western regu_GDPR_published is_EU_WesternxGDPR_effect if (is_EU_Western_NOT==1 | is_EU_Western==1), robust

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Linear regression           Number of obs   =      578
                           F(3, 574)         =     116.36
                           Prob > F           =      0.0000
                           R-squared          =      0.2106
                           Root MSE       =      97.125

```

MeanGeneralAge	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
is_EU_Western	96.21173	7.590351	12.68	0.000	81.30349	111.12
regu_GDPR_published	-4.502618	9.895634	-0.46	0.649	-23.93869	14.93345
is_EU_WesternxGDPR_effect	-145.3857	8.761317	-16.59	0.000	-162.5938	-128.1775
_cons	691.0941	9.679652	71.40	0.000	672.0823	710.106

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133 .
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