



```

name: <unnamed>
log: C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometri
> cs\fdimatching_deleteEXP/log_fdi_matching.smcl
log type: smcl
opened on: 10 May 2020, 20:53:51

1 .      clear all

2 .
3 . *-----*
4 . *      PART 1.0: Download Packages
5 . *-----*
6 .
7 . //      package gr0070 from http://www.stata-journal.com/software/sj17-3
8 .      cap ssc install gr0070

9 .
10. //      package outreg2
11.      cap ssc install outreg2

12.
13. //      package tabout
14.      cap ssc install tabout

15.
16. *-----*
17. *      PART 1.1: Set globals for do-file routines
18. *-----*
19.
20.      global input      "$root/01_input"
21.      global scripts    "$root/02_scripts"
22.      global log         "$root/03_log"
23.      global results     "$root/04_results"

24.
25.      use "$input/FDI_project"

26.
27.
28. *-----*
29. *      PART 1.2: Adjust variable labels
30. *-----*
31.
32.      label var OWN "Ownership"
33.      label var TECH "Technology intensity"
34.      label var PORT "Access to port"
35.      label var logwages2015 "Log wages"
36.      label var TFP2015 "TFP"
37.      label var logemp2015 "Log employment"
38.      label var DEBTS2015 "Log debts"

```

```

39.      label var EXP2015 "Export intensity"
40.      label var RD2015 "R&D dummy"
41.      label var logwages2017 "Log wages"
42.      label var TFP2017 "TFP"
43.
44. *-----*
45. *      PART 1.3: Transforming variables
46. *-----*
47.
48.      generate TFPS17= (TFP2017-3.656046)/2.056464
49.      generate emp2015= exp(logemp2015)
50.      generate wages15 = exp(logwages2015)
51.      generate debts15 = exp(DEBTS2015)
52.
53.      save $input/fdi_matching_clean, replace
file C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdima
> tching_deleteEXP/01_input/fdi_matching_clean.dta saved
54.
55. *-----*
56. *      PART 1.4: Set globals for variables
57. *-----*
58.
59.      global F "OWN TECH RD2015"
60.      global C "logwages2015 TFP2015 emp2015 DEBTS2015"
61.
62. *****
63. *      PART 2: Descriptive Analysis
64. *****
65.
66.      do $scripts/02_Descriptive_Analysis
67. /*****
>      DESCRIPTIVE ANALYSIS DO-FILE
> *****
>
>      Applied Microeconometrics
>
>      Empirical Project
>
>      Do-File 02
>
>      PURPOSE:      Analysis of Dataset
>
>      OUTLINE:      PART 1: Overview
>                   PART 2: Summary Statistics
>                   PART 3: Balance Tables
>
> *****
>                   PART 1: Overview
> *****/

```

68.  
69. describe

Contains data from C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2\_Appl\_Microecon  
> ometrics\fdimatching\_deleteEXP\01\_input\fdi\_matching\_clean.dta  
obs: 11,323  
vars: 21 10 May 2020 20:54  
size: 713,349

variable name	storage type	display format	value label	variable label
firm	float	%9.0g		firm identifier
FDI2016	byte	%9.0g		FDI/TREATMENT dummy in 2016
FDIYPE2016	byte	%28.0g	FDIYPE	FDI type
OWN	byte	%17.0g	OWN	Ownership
TECH	byte	%27.0g	TECH	Technology intensity
PORT	byte	%21.0g	PORT	Access to port
logwages2015	float	%9.0g		Log wages
TFP2015	float	%9.0g		TFP
logemp2015	float	%9.0g		Log employment
DEBTS2015	float	%9.0g		Log debts
EXP2015	float	%9.0g		Export intensity
RD2015	byte	%9.0g		R&D dummy
logwages2017	float	%9.0g		Log wages
TFP2017	float	%9.0g		TFP
logemp2017	float	%9.0g		log employment in 2017
EXP2017	float	%9.0g		EXPORT INTENSITY in 2017
RD2017	byte	%9.0g		R&D dummy in 2017
TFPS17	float	%9.0g		
emp2015	float	%9.0g		
wages15	float	%9.0g		
debts15	float	%9.0g		

Sorted by: FDI2016

70.  
71. // Frequencies of FDI types  
72. tab FDIYPE2016

FDI type	Freq.	Percent	Cum.
No FDI	6,863	60.61	60.61
Exports-oriented FDI	940	8.30	68.91
Technology intensive FDI	1,555	13.73	82.65
Domestic market seeking FDI	1,965	17.35	100.00
Total	11,323	100.00	

73.  
74. \*-----\*  
75. \* PART 1.1: Correlations matrix  
76. \*-----\*  
77.  
78. corr FDI2016 ///  
> OWN TECH PORT ///  
> logwages2015 TFP2015 emp2015 DEBTS2015 EXP2015 RD2015  
(obs=11,323)

	FDI2016	OWN	TECH	PORT	logwag~5	TFP2015
FDI2016	1.0000					
OWN	0.1026	1.0000				
TECH	-0.3144	-0.1797	1.0000			
PORT	0.1984	0.0564	-0.4172	1.0000		
logwages2015	-0.0633	-0.0566	0.1843	-0.0694	1.0000	
TFP2015	-0.0868	-0.0457	0.1080	0.0620	0.0351	1.0000
emp2015	0.0249	-0.0025	-0.0353	0.0319	-0.0062	-0.0035
DEBTS2015	-0.0259	0.2636	-0.0064	0.0019	-0.0327	-0.0423
EXP2015	0.4480	-0.1249	0.3125	0.2780	0.0453	0.0409
RD2015	0.0175	0.0070	0.0093	-0.0088	0.0100	0.0419

	emp2015	DEB~2015	EXP2015	RD2015
emp2015	<b>1.0000</b>			
DEBTS2015	<b>-0.0026</b>	<b>1.0000</b>		
EXP2015	<b>0.0220</b>	<b>0.0668</b>	<b>1.0000</b>	
RD2015	<b>-0.0088</b>	<b>-0.0044</b>	<b>-0.0009</b>	<b>1.0000</b>

```

79.
80.
81. *****
82. *                                PART 2: Summary Statistics
83. *****
84.
85. //      Continuous variables
86. outreg2 using "$results/02_Descriptive_Analysis/summarystats.tex", ///
>      sum(detail) replace ///
>      keep(wages15 TFP2015 debts15 EXP2015 emp2015) ///
>      label eqkeep(mean p50 sd min max)

```

firm identifier				
	Percentiles	Smallest		
1%	<b>124</b>	<b>1</b>		
5%	<b>623</b>	<b>2</b>		
10%	<b>1245</b>	<b>4</b>	Obs	<b>11,323</b>
25%	<b>3101</b>	<b>6</b>	Sum of Wgt.	<b>11,323</b>
50%	<b>6186</b>		Mean	<b>6181.449</b>
		Largest	Std. Dev.	<b>3558.895</b>
75%	<b>9252</b>	<b>12330</b>		
90%	<b>11111</b>	<b>12331</b>	Variance	<b>1.27e+07</b>
95%	<b>11735</b>	<b>12332</b>	Skewness	<b>-.0042869</b>
99%	<b>12212</b>	<b>12333</b>	Kurtosis	<b>1.80306</b>

FDI/TREATMENT dummy in 2016				
	Percentiles	Smallest		
1%	<b>0</b>	<b>0</b>		
5%	<b>0</b>	<b>0</b>		
10%	<b>0</b>	<b>0</b>	Obs	<b>11,323</b>
25%	<b>0</b>	<b>0</b>	Sum of Wgt.	<b>11,323</b>
50%	<b>0</b>		Mean	<b>.3938885</b>
		Largest	Std. Dev.	<b>.4886322</b>
75%	<b>1</b>	<b>1</b>		
90%	<b>1</b>	<b>1</b>	Variance	<b>.2387614</b>
95%	<b>1</b>	<b>1</b>	Skewness	<b>.4343395</b>
99%	<b>1</b>	<b>1</b>	Kurtosis	<b>1.188651</b>

FDI type				
	Percentiles	Smallest		
1%	<b>0</b>	<b>0</b>		
5%	<b>0</b>	<b>0</b>		
10%	<b>0</b>	<b>0</b>	Obs	<b>11,323</b>
25%	<b>0</b>	<b>0</b>	Sum of Wgt.	<b>11,323</b>
50%	<b>0</b>		Mean	<b>.8783008</b>
		Largest	Std. Dev.	<b>1.192862</b>
75%	<b>2</b>	<b>3</b>		
90%	<b>3</b>	<b>3</b>	Variance	<b>1.42292</b>
95%	<b>3</b>	<b>3</b>	Skewness	<b>.8489698</b>
99%	<b>3</b>	<b>3</b>	Kurtosis	<b>2.022788</b>

## Ownership

	Percentiles	Smallest		
1%	1	1		
5%	1	1		
10%	2	1	Obs	11,323
25%	2	1	Sum of Wgt.	11,323
50%	3		Mean	2.888987
		Largest	Std. Dev.	.9071667
75%	4	4		
90%	4	4	Variance	.8229515
95%	4	4	Skewness	-.4250337
99%	4	4	Kurtosis	2.357997

## Technology intensity

	Percentiles	Smallest		
1%	1	1		
5%	1	1		
10%	1	1	Obs	11,323
25%	1	1	Sum of Wgt.	11,323
50%	2		Mean	2.278636
		Largest	Std. Dev.	1.130658
75%	3	4		
90%	4	4	Variance	1.278387
95%	4	4	Skewness	.1369556
99%	4	4	Kurtosis	1.562267

## Access to port

	Percentiles	Smallest		
1%	0	0		
5%	0	0		
10%	0	0	Obs	11,323
25%	0	0	Sum of Wgt.	11,323
50%	0		Mean	.3494657
		Largest	Std. Dev.	.4768223
75%	1	1		
90%	1	1	Variance	.2273595
95%	1	1	Skewness	.6314342
99%	1	1	Kurtosis	1.398709

## Log wages

	Percentiles	Smallest		
1%	-1.638978	-7.331795		
5%	1.059369	-7.103724		
10%	2.408368	-5.701573	Obs	11,323
25%	4.74146	-5.625238	Sum of Wgt.	11,323
50%	7.338148		Mean	7.332918
		Largest	Std. Dev.	3.838861
75%	9.902966	20.87844		
90%	12.20624	20.99824	Variance	14.73685
95%	13.65446	21.31597	Skewness	.0050248
99%	16.26827	22.43151	Kurtosis	3.044124

## TFP

	Percentiles	Smallest		
1%	-1.760341	-5.359266		
5%	-.3396301	-4.564884		
10%	.4065464	-3.947462	Obs	11,323
25%	1.69375	-3.887785	Sum of Wgt.	11,323

50%	<b>3.032239</b>		Mean	<b>3.041338</b>
		Largest	Std. Dev.	<b>2.046604</b>
75%	<b>4.417369</b>	<b>10.39066</b>		
90%	<b>5.679015</b>	<b>10.79894</b>	Variance	<b>4.188589</b>
95%	<b>6.381904</b>	<b>10.82878</b>	Skewness	<b>-.0117873</b>
99%	<b>7.791977</b>	<b>11.35702</b>	Kurtosis	<b>3.028324</b>

Log employment

	Percentiles	Smallest		
1%	<b>-2.634289</b>	<b>-6.228763</b>		
5%	<b>-.5589151</b>	<b>-6.20012</b>		
10%	<b>.5075461</b>	<b>-6.185894</b>	Obs	<b>11,323</b>
25%	<b>2.341855</b>	<b>-6.092359</b>	Sum of Wgt.	<b>11,323</b>
50%	<b>4.399255</b>		Mean	<b>4.411473</b>
		Largest	Std. Dev.	<b>3.040198</b>
75%	<b>6.524904</b>	<b>14.9902</b>		
90%	<b>8.279512</b>	<b>15.08997</b>	Variance	<b>9.242801</b>
95%	<b>9.413677</b>	<b>15.28719</b>	Skewness	<b>-.0080799</b>
99%	<b>11.393</b>	<b>15.99303</b>	Kurtosis	<b>2.960453</b>

Log debts

	Percentiles	Smallest		
1%	<b>-.1750222</b>	<b>-.1998464</b>		
5%	<b>-.0806167</b>	<b>-.1997392</b>		
10%	<b>.029059</b>	<b>-.199408</b>	Obs	<b>11,323</b>
25%	<b>.2368089</b>	<b>-.1993328</b>	Sum of Wgt.	<b>11,323</b>
50%	<b>.5004624</b>		Mean	<b>.5040355</b>
		Largest	Std. Dev.	<b>.3525262</b>
75%	<b>.7537385</b>	<b>1.2992</b>		
90%	<b>.9722362</b>	<b>1.29932</b>	Variance	<b>.1242747</b>
95%	<b>1.122765</b>	<b>1.299587</b>	Skewness	<b>.0806031</b>
99%	<b>1.254863</b>	<b>1.299778</b>	Kurtosis	<b>2.316729</b>

Export intensity

	Percentiles	Smallest		
1%	<b>.0190834</b>	<b>.0103205</b>		
5%	<b>.0384401</b>	<b>.0104334</b>		
10%	<b>.0575267</b>	<b>.0104726</b>	Obs	<b>11,323</b>
25%	<b>.0990072</b>	<b>.0105073</b>	Sum of Wgt.	<b>11,323</b>
50%	<b>.1543709</b>		Mean	<b>.1593435</b>
		Largest	Std. Dev.	<b>.0798147</b>
75%	<b>.2130122</b>	<b>.4667603</b>		
90%	<b>.2652063</b>	<b>.4720742</b>	Variance	<b>.0063704</b>
95%	<b>.2949337</b>	<b>.4777972</b>	Skewness	<b>.4171633</b>
99%	<b>.3648675</b>	<b>.4831533</b>	Kurtosis	<b>2.827241</b>

R&D dummy

	Percentiles	Smallest		
1%	<b>0</b>	<b>0</b>		
5%	<b>0</b>	<b>0</b>		
10%	<b>0</b>	<b>0</b>	Obs	<b>11,323</b>
25%	<b>0</b>	<b>0</b>	Sum of Wgt.	<b>11,323</b>
50%	<b>0</b>		Mean	<b>.1211693</b>
		Largest	Std. Dev.	<b>.3263383</b>
75%	<b>0</b>	<b>1</b>		
90%	<b>1</b>	<b>1</b>	Variance	<b>.1064967</b>
95%	<b>1</b>	<b>1</b>	Skewness	<b>2.321808</b>
99%	<b>1</b>	<b>1</b>	Kurtosis	<b>6.390791</b>

Log wages

	Percentiles	Smallest		
1%	-2.120156	-6.185148		
5%	-.0123446	-6.022474		
10%	1.035314	-5.493109	Obs	11,323
25%	2.910137	-5.369166	Sum of Wgt.	11,323
50%	4.989117		Mean	5.010195
		Largest	Std. Dev.	3.082818
75%	7.136983	15.41822		
90%	8.938831	15.76589	Variance	9.503766
95%	10.04671	16.21945	Skewness	-.0073109
99%	12.01537	17.04211	Kurtosis	2.956235

TFP

	Percentiles	Smallest		
1%	-1.170003	-4.700881		
5%	.2511905	-3.951226		
10%	1.018264	-3.692741	Obs	11,323
25%	2.283582	-3.331597	Sum of Wgt.	11,323
50%	3.664006		Mean	3.656046
		Largest	Std. Dev.	2.056464
75%	5.041636	11.30793		
90%	6.310671	11.34453	Variance	4.229043
95%	7.028272	11.62984	Skewness	-.016582
99%	8.400249	11.8114	Kurtosis	3.017121

log employment in 2017

	Percentiles	Smallest		
1%	-2.170581	-6.217651		
5%	-.018102	-6.184767		
10%	1.038013	-5.748356	Obs	11,323
25%	2.929524	-5.622331	Sum of Wgt.	11,323
50%	5.0262		Mean	5.030484
		Largest	Std. Dev.	3.094736
75%	7.173199	15.48663		
90%	8.980158	15.49919	Variance	9.57739
95%	10.10212	15.74725	Skewness	-.024026
99%	12.07887	16.38825	Kurtosis	2.950697

EXPORT INTENSITY in 2017

	Percentiles	Smallest		
1%	.0581937	.0187976		
5%	.1113043	.0211925		
10%	.1423226	.0216743	Obs	11,323
25%	.19367	.0221602	Sum of Wgt.	11,323
50%	.2606816		Mean	.2696827
		Largest	Std. Dev.	.1083555
75%	.3300854	.7790653		
90%	.4089049	.7935594	Variance	.0117409
95%	.4650209	.8165495	Skewness	.6997986
99%	.5815625	.9501169	Kurtosis	4.15865

R&D dummy in 2017

	Percentiles	Smallest		
1%	0	0		
5%	0	0		
10%	0	0	Obs	11,323
25%	0	0	Sum of Wgt.	11,323

50%	0		Mean	.4074009
75%	1	Largest	Std. Dev.	.4913723
90%	1	1	Variance	.2414467
95%	1	1	Skewness	.3769168
99%	1	1	Kurtosis	1.142066

TFPS17

	Percentiles	Smallest		
1%	-2.34677	-4.063736		
5%	-1.655684	-3.6992		
10%	-1.282678	-3.573506	Obs	11,323
25%	-.66739	-3.397892	Sum of Wgt.	11,323
50%	.0038706		Mean	1.64e-07
		Largest	Std. Dev.	.9999998
75%	.6737731	3.720892		
90%	1.290869	3.738692	Variance	.9999996
95%	1.639817	3.87743	Skewness	-.016582
99%	2.306971	3.965719	Kurtosis	3.017121

emp2015

	Percentiles	Smallest		
1%	.07177	.0019719		
5%	.5718291	.0020292		
10%	1.66121	.0020583	Obs	11,323
25%	10.40051	.0022601	Sum of Wgt.	11,323
50%	81.39024		Mean	7111.033
		Largest	Std. Dev.	117154.6
75%	681.9145	3237150		
90%	3942.272	3576776	Variance	1.37e+10
95%	12254.85	4356531	Skewness	49.56077
99%	88698.71	8824411	Kurtosis	3179.901

wages15

	Percentiles	Smallest		
1%	.1941784	.0006544		
5%	2.884551	.000822		
10%	11.1158	.0033407	Obs	11,323
25%	114.6014	.0036057	Sum of Wgt.	11,323
50%	1537.861		Mean	1966556
		Largest	Std. Dev.	5.99e+07
75%	19989.56	1.17e+09		
90%	200032.7	1.32e+09	Variance	3.59e+15
95%	851244.9	1.81e+09	Skewness	73.88568
99%	1.16e+07	5.52e+09	Kurtosis	6472.332

debts15

	Percentiles	Smallest		
1%	.8394383	.8188565		
5%	.9225472	.8189443		
10%	1.029485	.8192155	Obs	11,323
25%	1.267199	.8192772	Sum of Wgt.	11,323
50%	1.649484		Mean	1.76176
		Largest	Std. Dev.	.6339302
75%	2.124929	3.666363		
90%	2.64385	3.666803	Variance	.4018675
95%	3.073339	3.667783	Skewness	.7983175
99%	3.507359	3.668482	Kurtosis	3.165366

C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2\_Appl\_Microeconometrics\fdimatchin  
 > g\_deleteEXP\04\_results\02\_Descriptive\_Analysis\summarystats.tex  
 dir : seeout



```

87.
88. //      Categorical variables
89.      tab PORT

```

Access to port	Freq.	Percent	Cum.
No ports within 500km	<b>7,366</b>	<b>65.05</b>	<b>65.05</b>
Ports within 500km	<b>3,957</b>	<b>34.95</b>	<b>100.00</b>
Total	<b>11,323</b>	<b>100.00</b>	

```

90.      tab OWN

```

Ownership	Freq.	Percent	Cum.
Listed companies	<b>909</b>	<b>8.03</b>	<b>8.03</b>
Subsidiaries	<b>2,630</b>	<b>23.23</b>	<b>31.25</b>
Independent	<b>4,593</b>	<b>40.56</b>	<b>71.82</b>
State	<b>3,191</b>	<b>28.18</b>	<b>100.00</b>
Total	<b>11,323</b>	<b>100.00</b>	

```

91.      tab TECH

```

Technology intensity	Freq.	Percent	Cum.
Low-tech industries	<b>4,194</b>	<b>37.04</b>	<b>37.04</b>
Medium low-tech industries	<b>1,685</b>	<b>14.88</b>	<b>51.92</b>
Medium high-tech industries	<b>3,539</b>	<b>31.25</b>	<b>83.18</b>
High-tech industries	<b>1,905</b>	<b>16.82</b>	<b>100.00</b>
Total	<b>11,323</b>	<b>100.00</b>	

```

92.      tab RD2015

```

R&D dummy	Freq.	Percent	Cum.
0	<b>9,951</b>	<b>87.88</b>	<b>87.88</b>
1	<b>1,372</b>	<b>12.12</b>	<b>100.00</b>
Total	<b>11,323</b>	<b>100.00</b>	

```

93.
94. *-----*
95. *      PART 2.1: Checking for Outliers in employment variable
96. *-----*
97.
98.      set scheme plotplainblind
99.
100.      scatter TFP2017 emp2015, ytitle("TFP in 2017")
101
102.      graph save $results/02_Descriptive_Analysis/emp2015_outliers.gph, ///
>      replace
(file C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdim
> atching_deleteEXP\04_results\02_Descriptive_Analysis\emp2015_outliers.gph saved)
101
102.      graph export $results/02_Descriptive_Analysis/emp2015_outliers.png, ///
>      as(png) replace
(file C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdim
> atching_deleteEXP\04_results\02_Descriptive_Analysis\emp2015_outliers.png written in
> PNG format)

```

```

103
104
105 *****
106 *                               PART 3: Balance Tables
107 *****
108
109 //                               By treatment variable
110 iealtab          TECH PORT ///
111 >                logwages2015 TFP2015 logemp2015 DEBTS2015 EXP2015 RD2015, //
112 > /
113 >                grpvar(FDI2016) ///
114 >                savetex("$results/02_Descriptive_Analysis/baltest_byfdi_pre.
115 > tex") ///
116 >                rowvarlabels texdoc replace
117
118 Balance table saved to:
119 C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\
120 > fdimatching_deleteEXP/04_results/02_Descriptive_Analysis/baltest_byfdi_pre
121 > .tex
122
123
124 //                               By FDI type (treatment arms) [not reported in paper]
125 iealtab          TECH PORT ///
126 >                logwages2015 TFP2015 logemp2015 DEBTS2015 EXP2015 RD2015, //
127 > /
128 >                grpvar(FDITYPE2016) ///
129 >                savetex("$results/02_Descriptive_Analysis/baltest_fditype_pr
130 > e.tex") ///
131 >                rowvarlabels texdoc replace
132
133 Balance table saved to:
134 C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\
135 > fdimatching_deleteEXP/04_results/02_Descriptive_Analysis/baltest_fditype_p
136 > re.tex
137
138
139 end of do-file
140
141
142 *****
143 *                               PART 3: Results
144 *****
145
146 *-----*
147 *       PART 3.1: Effect of FDI on TFP
148 *-----*
149
150 do $scripts/03a_Main_Results
151
152 /*****
153 >
154 >                               MAIN RESULTS DO-FILE
155 > *****/
156 >
157 >                               Applied Microeconometrics
158 >
159 >                               Empirical Project
160 >
161 >                               Do-File 03a
162 >
163 > PURPOSE:           Estimation of the effect of FDI on TFP.
164 >
165 > OUTLINE:           PART 1: Several ATE estimations for      main model
166 >                     PART 1.1: NN1
167 >                     Part 1.2: NN5 with caliper 0.05
168 >                     Part 1.3: IPW
169 >                     Part 1.4: AIPW
170 >
171 > *****/
172 >
173 > PART 1: Several ATE estimations for      main model
174 > *****/

```

```

128
129 *-----*
130 *      PART 1.1: NN1
131 *-----*
132
133      //ATE
134      cap drop osal
135
136      cap drop p1*
137
138      cap teffects psmatch (TFPS17) ///
>      (FDI2016 i.($F) c.($C), logit),      ///
>      osample(osal) generate(p1)
139
140      outreg2 using $results/05_Tables/Table2_TFP.tex, replace dec(3) ///
>      drop(i.OWN i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 i.TECH RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table2_TFP.tex
dir : seeout
139
140      tebalance summarize

```

Covariate balance summary

	Raw	Matched
Number of obs =	<b>11,323</b>	<b>22,646</b>
Treated obs =	<b>4,460</b>	<b>11,323</b>
Control obs =	<b>6,863</b>	<b>11,323</b>

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	<b>-.018354</b>	<b>-.0175033</b>	<b>.9769702</b>	<b>.9774223</b>
Independent	<b>.0616272</b>	<b>-.0068445</b>	<b>1.02321</b>	<b>.9972679</b>
State	<b>.1016402</b>	<b>.0130378</b>	<b>1.100951</b>	<b>1.01213</b>
TECH				
Medium low-tech	<b>.1206088</b>	<b>-.0400593</b>	<b>1.263082</b>	<b>.9244732</b>
Medium high-tech	<b>-.2329159</b>	<b>.0104791</b>	<b>.8156583</b>	<b>1.008514</b>
High-tech in-tech	<b>-.5425507</b>	<b>.0051861</b>	<b>.2855456</b>	<b>1.009211</b>
RD2015				
1	<b>.0356507</b>	<b>.016501</b>	<b>1.085768</b>	<b>1.039031</b>
logwages2015	<b>-.1300321</b>	<b>.0174603</b>	<b>.9769191</b>	<b>1.009556</b>
TFP2015	<b>-.178877</b>	<b>-.013165</b>	<b>.9473458</b>	<b>.9917016</b>
emp2015	<b>.0470091</b>	<b>.0271819</b>	<b>5.49725</b>	<b>1.696765</b>
DEBTS2015	<b>-.0529435</b>	<b>-.0040148</b>	<b>1.051101</b>	<b>1.017773</b>

```

141
142 *-----*
143 *      PART 1.2: NN5 with caliper 0.05
144 *-----*
>

```

```

145          // ATE
146      cap drop osal

147      cap drop p1*

148      cap teffects psmatch (TFPS17) ///
>                                     (FDI2016 i.($F) c.($C), logit), ///
>                                     nneighbor(5) caliper(.05) osample(os
> a1) generate(p1)

149                                     // 5 observations violate caliper
150
151      // Reestimate
152      cap teffects psmatch (TFPS17) ///
>                                     (FDI2016 i.($F) c.($C), logit) if o
> sal==0, ///
>                                     nneighbor(5) caliper(.05) generate
> (p1)

153
154      outreg2 using $results/05_Tables/Table2_TFP.tex, append dec(3) ///
>      drop(i.OWN i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 i.TECH RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table2_TFP.tex
dir : seeout

```

```

155
156      tebalance summarize

```

Covariate balance summary

	Raw	Matched
Number of obs =	<b>11,318</b>	<b>22,636</b>
Treated obs =	<b>4,456</b>	<b>11,318</b>
Control obs =	<b>6,862</b>	<b>11,318</b>

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	<b>-.0190182</b>	<b>-.0205252</b>	<b>.976131</b>	<b>.9738583</b>
Independent	<b>.0618259</b>	<b>-.0100251</b>	<b>1.023258</b>	<b>.9959379</b>
State	<b>.1020001</b>	<b>.0045727</b>	<b>1.101344</b>	<b>1.004328</b>
TECH				
Medium low-tech	<b>.1209652</b>	<b>-.0328628</b>	<b>1.263818</b>	<b>.9372059</b>
Medium high-tech	<b>-.2325048</b>	<b>.0081591</b>	<b>.816095</b>	<b>1.006628</b>
High-tech in-tech	<b>-.5424366</b>	<b>.0045745</b>	<b>.2857586</b>	<b>1.008117</b>
RD2015				
1	<b>.0359419</b>	<b>.0166292</b>	<b>1.086462</b>	<b>1.03894</b>
logwages2015	<b>-.1300519</b>	<b>.0082815</b>	<b>.977301</b>	<b>1.00904</b>
TFP2015	<b>-.1787364</b>	<b>-.0294567</b>	<b>.9475049</b>	<b>.9850587</b>
emp2015	<b>.0436824</b>	<b>.0385463</b>	<b>.5304931</b>	<b>.4724067</b>
DEBTS2015	<b>-.0525752</b>	<b>-.0086042</b>	<b>1.051687</b>	<b>1.01474</b>

```

157
158 *-----*
159 *      PART 1.3: IPW
160 *-----*
161      // ATE
162      cap drop osal

```

```

163
164      teffects ipw (TFPS17) (FDI2016 i.($F) c.($C), logit),      osample(osal)

```

```

Iteration 0:  EE criterion =  4.223e-23
Iteration 1:  EE criterion =  1.805e-33

```

```

Treatment-effects estimation      Number of obs      =      11,323
Estimator      : inverse-probability weights
Outcome model  : weighted mean
Treatment model: logit

```

TFPS17	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDI2016 (1 vs 0)	<b>.1221664</b>	<b>.0068002</b>	<b>17.97</b>	<b>0.000</b>	<b>.1088383</b>	<b>.1354945</b>
<b>POmean</b>						
FDI2016 0	<b>-.0682823</b>	<b>.0096669</b>	<b>-7.06</b>	<b>0.000</b>	<b>-.0872292</b>	<b>-.0493354</b>

```

165      outreg2 using $results/05_Tables/Table2_TFP.tex, append dec(3) ///
>      drop(i.OWN i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 i.TECH RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table2_TFP.tex
dir : seeout

```

```

166
167      tebalance summarize

```

Covariate balance summary

	Raw	Weighted
Number of obs =	<b>11,323</b>	<b>11,323.0</b>
Treated obs =	<b>4,460</b>	<b>5,630.2</b>
Control obs =	<b>6,863</b>	<b>5,692.8</b>

	Standardized differences		Variance ratio	
	Raw	Weighted	Raw	Weighted
OWN				
Subsidiaries	<b>-.018354</b>	<b>-.0075057</b>	<b>.9769702</b>	<b>.990309</b>
Independent	<b>.0616272</b>	<b>-.0006473</b>	<b>1.02321</b>	<b>.9997498</b>
State	<b>.1016402</b>	<b>.0120719</b>	<b>1.100951</b>	<b>1.011322</b>
TECH				
Medium low-tech	<b>.1206088</b>	<b>.0037312</b>	<b>1.263082</b>	<b>1.007386</b>
Medium high-tech	<b>-.2329159</b>	<b>-.0001227</b>	<b>.8156583</b>	<b>.9999017</b>
High-tech in-tech	<b>-.5425507</b>	<b>-.0102215</b>	<b>.2855456</b>	<b>.9817943</b>
RD2015				
1	<b>.0356507</b>	<b>.0088614</b>	<b>1.085768</b>	<b>1.020464</b>
logwages2015	<b>-.1300321</b>	<b>-.0016836</b>	<b>.9769191</b>	<b>1.003246</b>
TFP2015	<b>-.178877</b>	<b>-.0199601</b>	<b>.9473458</b>	<b>.9420373</b>
emp2015	<b>.0470091</b>	<b>.0126666</b>	<b>5.49725</b>	<b>1.243208</b>
DEBTS2015	<b>-.0529435</b>	<b>-.0129979</b>	<b>1.051101</b>	<b>1.016256</b>

```

168
169 *-----*
170 *      PART 1.4: AIWP
171 *-----*
>
172      // ATE
173      cap drop osal

174
175      teffects aipw (TFP2017 ($F) ($C) ) (FDI2016 i. ($F) c. ($C) )

```

```

Iteration 0:  EE criterion = 4.223e-23
Iteration 1:  EE criterion = 3.941e-32

```

```

Treatment-effects estimation      Number of obs      =      11,323
Estimator      : augmented IPW
Outcome model  : linear by ML
Treatment model: logit

```

TFP2017	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDI2016 (1 vs 0)	.2918229	.0061911	47.14	0.000	.2796885	.3039572
<b>POMean</b>						
FDI2016 0	3.539684	.0195128	181.40	0.000	3.501439	3.577928

```

176
177      outreg2 using $results/05_Tables/Table2_TFP.tex, append dec(3) ///
>      drop(i.OWN i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 i.TECH RD2015) ///
>      nocon eqdrop(OME0 OME1 TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table2_TFP.tex
dir : seeout

```

```

178
179      tebalance summarize

```

Covariate balance summary

	Raw	Weighted
Number of obs =	11,323	11,323.0
Treated obs =	4,460	5,630.2
Control obs =	6,863	5,692.8

	Standardized differences		Variance ratio	
	Raw	Weighted	Raw	Weighted
OWN				
Subsidiaries	-.018354	-.0075057	.9769702	.990309
Independent	.0616272	-.0006473	1.02321	.9997498
State	.1016402	.0120719	1.100951	1.011322
TECH				
Medium low-tech	.1206088	.0037312	1.263082	1.007386
Medium high-tech	-.2329159	-.0001227	.8156583	.9999017
High-tech in-tech	-.5425507	-.0102215	.2855456	.9817943
RD2015				
1	.0356507	.0088614	1.085768	1.020464
logwages2015	-.1300321	-.0016836	.9769191	1.003246
TFP2015	-.178877	-.0199601	.9473458	.9420373
emp2015	.0470091	.0126666	5.49725	1.243208
DEBTS2015	-.0529435	-.0129979	1.051101	1.016256

```

180
181
182     end of do-file

183
184 *-----*
185 *      PART 3.2: Robustness Checks
186 *-----*
187
188         do $scripts/03b_Robustness_Checks

189 /*****
190 >
191 >      ROBUSTNESS DO-FILE
192 > *****/
193 >
194 >      Applied Microeconometrics
195 >
196 >      Empirical Project
197 >
198 >      Do-File 03b
199 >
200 >      PURPOSE:      Robustness Checks.
201 >
202 >      OUTLINE:      PART 1: Including Interactions
203 >                    PART 2: Excluding Outliers
204 >                    PART 3: Including PORT
205 >                    PART 4: ATT
206 >                    PART 5: Analysis by TECH
207 >                    PART 6: Appendix: Frequency of FDI by TECH
208 > *****/
209 >
210 >      PART 1: Including Interactions
211 > *****/

190
191     cap drop osal

192     cap drop pl*

193     teffects psmatch (TFPS17) ///
212 >                                (FDI2016 i.($F)##c.($C), logit),    ///
213 >                                osample(osal) generate(pl)

Treatment-effects estimation      Number of obs      =      11,323
Estimator      : propensity-score matching      Matches: requested =      1
Outcome model  : matching                        min =      1
Treatment model: logit                            max =      1

```

TFPS17	Coef.	AI Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDI2016 (1 vs 0)	<b>.1520598</b>	<b>.0157615</b>	<b>9.65</b>	<b>0.000</b>	<b>.1211679</b>	<b>.1829518</b>

```

194
195     tebalance summarize

Covariate balance summary

```

	Raw	Matched
Number of obs =	11,323	22,646
Treated obs =	4,460	11,323
Control obs =	6,863	11,323

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	-.018354	-.0301379	.9769702	.9615233
Independent	.0616272	-.0196548	1.02321	.9919582
State	.1016402	.0280783	1.100951	1.026604
TECH				
Medium low-t~s	.1206088	-.016179	1.263082	.9683774
Medium high~s	-.2329159	-.0260248	.8156583	.9785426
High-tech in~s	-.5425507	.0375841	.2855456	1.067129
RD2015				
1	.0356507	.0341887	1.085768	1.080693
logwages2015	-.1300321	.0235087	.9769191	1.036729
TFP2015	-.178877	.0069241	.9473458	.980012
emp2015	.0470091	.0220187	5.49725	3.424582
DEBTS2015	-.0529435	.0128246	1.051101	.9874191
OWN#				
logwages2015				
Subsidiaries	-.0501523	-.0264313	.8787442	.957907
Independent	.0095374	-.0051365	.9615021	1.062062
State	.0578536	.0245939	1.020548	1.011841
OWN#				
TFP2015				
Subsidiaries	-.064156	-.0361761	.8276227	.9193172
Independent	-.0408866	-.0118797	.8831729	1.000839
State	.0558077	.0348481	1.040186	1.056287
OWN#				
emp2015				
Subsidiaries	.0333955	.0270158	17.59077	16.69265
Independent	.0268385	-.0058267	3.91432	.9369739
State	.0189749	.00586	.5735634	.6417643
OWN#				
DEBTS2015				
Subsidiaries	-.0444712	-.0346152	.8861299	.9220981
Independent	-.0148901	-.0132875	.9654587	.9511524
State	.0840856	.0313432	1.078225	1.038717
TECH#				
logwages2015				
Medium low-t~s	.0985765	-.0130018	1.221177	.95976
Medium high~s	-.1947846	-.0207019	.7998561	.9750318
High-tech in~s	-.4878963	.0551011	.2637228	1.200365
TECH#				
TFP2015				
Medium low-t~s	.0592069	-.0168126	1.09476	.9223716
Medium high~s	-.2626395	-.030936	.6142341	.9223356
High-tech in~s	-.4825334	.0340785	.2214855	1.141804
TECH#				
emp2015				
Medium low-t~s	.0099385	-.0232465	.1033668	.0229633
Medium high~s	.0215945	.0060306	.4923478	.1691328
High-tech in~s	.023925	.0399947	2.37245	1.036049
TECH#				
DEBTS2015				
Medium low-t~s	.0875624	-.0089829	1.216558	.9383764
Medium high~s	-.1987245	-.0020756	.7404538	1.01959
High-tech in~s	-.4597713	.0262805	.2304414	1.072064
RD2015#				
logwages2015				



1	.0055913	.0333829	.9912599	1.099438
RD2015#				
TFP2015				
1	.0080044	.0475566	.9791256	1.254495
RD2015#				
emp2015				
1	.0639848	.0382383	31.03198	8.471608
RD2015#				
DEBTS2015				
1	.0328123	.0266122	1.167688	1.085422

```

196
197      outreg2 using $results/05_Tables/Table6_Robustness.tex, replace dec(3) ///
>      drop(i.OWN i.TECH logwages2015 TFP2015 emp2015 DEBTS2015 RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table6_Robustness.tex
dir : seeout

```

```

198
199 *****
200 *          PART 2: Excluding Outliers
201 *****
202
203      cap drop osal
204
205      cap teffects psmatch (TFPS17) ///
>                                     (FDI2016 i.($F) c.($C), logit) if e
> mp2015<4000000,                    ///
>                                     osample(osal) generate(p1)
206
207      tebalance summarize

```

Covariate balance summary

	Raw	Matched
Number of obs =	11,321	22,642
Treated obs =	4,458	11,321
Control obs =	6,863	11,321

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	-.0186455	-.0214674	.9766001	.9725788
Independent	.0615581	-.0041437	1.023189	.9983425
State	.1019412	.0054729	1.101223	1.005197
TECH				
Medium low-tech	.1208152	-.0380474	1.263528	.9282785
Medium high-tech	-.2326559	.0078187	.8159034	1.006379
High-tech in-tech	-.5424529	.0047152	.2856663	1.00837
RD2015				
1	.0358227	.0032695	1.086184	1.007708
logwages2015	-.1301697	.0098616	.9772428	.9891245
TFP2015	-.1790158	-.01456	.9477123	.9622371
emp2015	.0415358	.0517651	1.120857	1.126963
DEBTS2015	-.0528498	-.0106762	1.051515	.9991066

```

208
209      outreg2 using $results/05_Tables/Table6_Robustness.tex, append dec(3) ///
>      drop(i.OWN i.TECH logwages2015 TFP2015 emp2015 DEBTS2015 RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table6_Robustness.tex
dir : seeout

```

```

210
211 *****
212 *          PART 3: Including PORT
213 *****
214
215 global P "OWN TECH RD2015 PORT"

```

```

216
217      cap drop osal
218
219      cap teffects psmatch (TFPS17) ///
>                                (FDI2016 i.($P) c.($C), logit),          ///
>                                osample(osal) generate(p1)
220
221      tebalance summarize

```

Covariate balance summary

	Raw	Matched
Number of obs =	<b>11,323</b>	<b>22,646</b>
Treated obs =	<b>4,460</b>	<b>11,323</b>
Control obs =	<b>6,863</b>	<b>11,323</b>

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	<b>-.018354</b>	<b>-.0200286</b>	<b>.9769702</b>	<b>.97423</b>
Independent	<b>.0616272</b>	<b>.0032353</b>	<b>1.02321</b>	<b>1.001221</b>
State	<b>.1016402</b>	<b>-.0052983</b>	<b>1.100951</b>	<b>.9948827</b>
TECH				
Medium low-tech	<b>.1206088</b>	<b>-.0586116</b>	<b>1.263082</b>	<b>.8913964</b>
Medium high-tech	<b>-.2329159</b>	<b>-.002487</b>	<b>.8156583</b>	<b>.9979324</b>
High-tech in-tech	<b>-.5425507</b>	<b>.0329806</b>	<b>.2855456</b>	<b>1.058948</b>
RD2015				
1	<b>.0356507</b>	<b>.0246992</b>	<b>1.085768</b>	<b>1.058193</b>
PORT				
Ports within-m	<b>.4092869</b>	<b>.0661913</b>	<b>1.253595</b>	<b>1.041592</b>
logwages2015	<b>-.1300321</b>	<b>.0176969</b>	<b>.9769191</b>	<b>1.037866</b>
TFP2015	<b>-.178877</b>	<b>-.0131356</b>	<b>.9473458</b>	<b>.9480748</b>
emp2015	<b>.0470091</b>	<b>.0419073</b>	<b>5.49725</b>	<b>3.052481</b>
DEBTS2015	<b>-.0529435</b>	<b>-.019821</b>	<b>1.051101</b>	<b>1.007143</b>

```

222
223      outreg2 using $results/05_Tables/Table6_Robustness.tex, append dec(3) ///
>      drop(i.OWN i.TECH i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP\04_results\05_Tables\Table6_Robustness.tex
dir : seeout

```

```

224
225 *****
226 *                PART 4: ATT
227 *****
228
229      cap drop osa1
230
231      cap drop pl*
232
233      cap teffects psmatch (TFPS17) ///
>                                     (FDI2016 i.($F) c.($C), logit), atet
>      ///
>                                     osample(osa1) generate(pl)
232
233      tebalance summarize

```

Covariate balance summary

	Raw	Matched
Number of obs =	<b>11,323</b>	<b>8,920</b>
Treated obs =	<b>4,460</b>	<b>4,460</b>
Control obs =	<b>6,863</b>	<b>4,460</b>

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	<b>-.018354</b>	<b>.010732</b>	<b>.9769702</b>	<b>1.014212</b>
Independent	<b>.0616272</b>	<b>.0099883</b>	<b>1.02321</b>	<b>1.00318</b>
State	<b>.1016402</b>	<b>-.0294066</b>	<b>1.100951</b>	<b>.9770547</b>
TECH				
Medium low-tech	<b>.1206088</b>	<b>-.0553476</b>	<b>1.263082</b>	<b>.9143962</b>
Medium high-tech	<b>-.2329159</b>	<b>.0145945</b>	<b>.8156583</b>	<b>1.017453</b>
High-tech in-tech	<b>-.5425507</b>	<b>.0039358</b>	<b>.2855456</b>	<b>1.015497</b>
RD2015				
1	<b>.0356507</b>	<b>.0196597</b>	<b>1.085768</b>	<b>1.045608</b>
logwages2015	<b>-.1300321</b>	<b>.0080137</b>	<b>.9769191</b>	<b>.9922576</b>
TFP2015	<b>-.178877</b>	<b>-.0156447</b>	<b>.9473458</b>	<b>1.002034</b>
emp2015	<b>.0470091</b>	<b>.0210317</b>	<b>5.49725</b>	<b>2.356114</b>
DEBTS2015	<b>-.0529435</b>	<b>-.0152205</b>	<b>1.051101</b>	<b>1.029529</b>

```

234
235      outreg2 using $results/05_Tables/Table6_Robustness.tex, append dec(3) ///
>      drop(i.OWN i.TECH logwages2015 TFP2015 emp2015 DEBTS2015 RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP\04_results\05_Tables\Table6_Robustness.tex
dir : seeout

```

```

236
237 *****
238 *          PART 5: Analysis by TECH
239 *****
240
241 *=====*
242 * (1) NN1 TECH=1
243 *=====*
244
245         cap drop osal
246
247         cap drop pl
248
249         teffects psmatch (TFPS17) ///
>                                     (FDI2016 i.($F) c.($C), logit) if TECH==1,
>         ///
>                                     osample(osal) generate(pl)
note: 1.TECH omitted because of collinearity

```

```

Treatment-effects estimation      Number of obs      =      4,194
Estimator      : propensity-score matching      Matches: requested =      1
Outcome model  : matching                        min =      1
Treatment model: logit                            max =      1

```

TFPS17	Coef.	AI Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDI2016 (1 vs 0)	<b>.1600066</b>	<b>.0195613</b>	<b>8.18</b>	<b>0.000</b>	<b>.1216672</b>	<b>.1983461</b>

```

248
249         tebalance summarize

```

Covariate balance summary

	Raw	Matched
Number of obs =	<b>4,194</b>	<b>8,388</b>
Treated obs =	<b>2,325</b>	<b>4,194</b>
Control obs =	<b>1,869</b>	<b>4,194</b>

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	<b>.0299781</b>	<b>.0150625</b>	<b>1.036398</b>	<b>1.018467</b>
Independent	<b>.0057604</b>	<b>-.0071951</b>	<b>1.001373</b>	<b>.9984236</b>
State	<b>-.0250578</b>	<b>-.0015653</b>	<b>.9786308</b>	<b>.9986098</b>
RD2015				
1	<b>.0165825</b>	<b>-.0014964</b>	<b>1.041031</b>	<b>.9963872</b>
logwages2015	<b>-.0219915</b>	<b>.0051526</b>	<b>1.012966</b>	<b>1.058301</b>
TFP2015	<b>.0072539</b>	<b>.0099917</b>	<b>.9676072</b>	<b>1.008227</b>
emp2015	<b>.0253438</b>	<b>-.0031803</b>	<b>4.356693</b>	<b>1.864609</b>
DEBTS2015	<b>-.0474876</b>	<b>.0088166</b>	<b>1.031416</b>	<b>.9736994</b>

```

250
251      outreg2 using $results/05 Tables/Table7 Robustness.tex, replace dec(3) ///
>      drop(i.OWN i.TECH i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table7_Robustness.tex
dir : seeout

```

```

252
253 *=====*
254 * (2) NN1 TECH=2
255 *=====*
256
257      cap drop osal
258
259      cap drop p1
259      teffects psmatch (TFPS17) ///
>                                     (FDI2016 i.($F) c.($C), logit) if TECH==2,
>      ///
>                                     osample(osal) generate(p1)
note: 2.TECH omitted because of collinearity

```

```

Treatment-effects estimation      Number of obs      =      1,685
Estimator      : propensity-score matching      Matches: requested =      1
Outcome model  : matching                      min =      1
Treatment model: logit                        max =      1

```

	TFPS17	Coef.	AI Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>							
	FDI2016 (1 vs 0)	.0864057	.02799	3.09	0.002	.0315463	.1412652

```

260
261      tebalance summarize

```

Covariate balance summary

	Raw	Matched
Number of obs =	1,685	3,370
Treated obs =	781	1,685
Control obs =	904	1,685

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	-.0789459	-.0222737	.9057037	.9730349
Independent	.0356487	.0449057	1.015483	1.019382
State	.094977	-.0685426	1.082362	.9424559
RD2015				
1	.0196745	.010822	1.04555	1.025096
logwages2015	-.0321255	.0186688	.9187912	.9609082
TFP2015	-.1550946	-.0443829	.9364425	.971122
emp2015	.0032877	.0284799	.0754936	.1191435
DEBTS2015	-.0426368	-.0683897	.9498591	.9548114

```

262
263      outreg2 using $results/05 Tables/Table7 Robustness.tex, append dec(3) ///
>      drop(i.OWN i.TECH i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table7_Robustness.tex
dir : seeout

```

```

264
265 *=====*
266 * (3) NN1 TECH=3
267 *=====*
268
269      cap drop osal
270
271      cap drop p1
272
273      teffects psmatch (TFPS17) ///
>                                     (FDI2016 i.($F) c.($C), logit) if TECH==3,
>      ///
>                                     osample(osal) generate(p1)
note: 3.TECH omitted because of collinearity

```

```

Treatment-effects estimation      Number of obs      =      3,539
Estimator      : propensity-score matching      Matches: requested =      1
Outcome model  : matching                      min =      1
Treatment model: logit                        max =      1

```

	TFPS17	Coef.	AI Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>							
	FDI2016 (1 vs 0)	.1721028	.018644	9.23	0.000	.1355612	.2086444

```

272
273      tebalance summarize

```

Covariate balance summary

	Raw	Matched
Number of obs =	3,539	7,078
Treated obs =	1,107	3,539
Control obs =	2,432	3,539

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	-.1276748	.0379035	.8473309	1.04502
Independent	.0120872	-.0217603	1.004115	.9928833
State	.1432813	-.0069098	1.136897	.9933102
RD2015				
1	.0824806	.0169456	1.193028	1.038603
logwages2015	.0255104	-.0187561	.9997901	1.053611
TFP2015	-.2410387	.0237954	.9260925	.983687
emp2015	.074703	.0528976	.6929332	.4838172
DEBTS2015	-.0640427	-.0229667	1.051649	1.008139

```

274
275      outreg2 using $results/05 Tables/Table7 Robustness.tex, append dec(3) ///
>      drop(i.OWN i.TECH i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table7_Robustness.tex
dir : seeout

```

```

276
277 *=====*
278 * (4) NN1 TECH=4
279 *=====*
280
281      cap drop osal
282
283      cap drop p1
284
285      teffects psmatch (TFPS17) ///
>                                     (FDI2016 i.($F) c.($C), logit) if TECH==4,
>                                     ///
>                                     osample(osal) generate(p1)
note: 4.TECH omitted because of collinearity

```

```

Treatment-effects estimation      Number of obs      =      1,905
Estimator      : propensity-score matching      Matches: requested =      1
Outcome model  : matching                      min =      1
Treatment model: logit                      max =      1

```

TFPS17	Coef.	AI Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDI2016 (1 vs 0)	.1802721	.0541962	3.33	0.001	.0740494	.2864947

```

284      tebalance summarize
>

```

Covariate balance summary

	Raw	Matched
Number of obs =	1,905	3,810
Treated obs =	247	1,905
Control obs =	1,658	1,905

	Standardized differences		Variance ratio	
	Raw	Matched	Raw	Matched
OWN				
Subsidiaries	-.0779614	.0826873	.8814802	1.126006
Independent	.0522384	-.047133	1.044866	.9587982
State	.1691889	-.0427479	1.241433	.9400229
RD2015				
1	.0789006	.0224257	1.201598	1.053092
logwages2015	-.0580162	.1881349	1.050215	1.12134
TFP2015	-.2259366	.0580305	1.027535	1.144253
emp2015	.2584443	.152738	9.989972	1.226081
DEBTS2015	-.1862477	.0230111	1.1001	1.019314

```

285
286      outreg2 using $results/05 Tables/Table7 Robustness.tex, append dec(3) ///
>      drop(i.OWN i.TECH i.PORT logwages2015 TFP2015 emp2015 DEBTS2015 RD2015) ///
>      nocon eqdrop(TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP/04_results/05_Tables/Table7_Robustness.tex
dir : seeout

287
288      // Calculating ATE weighted by each sample size:
289      display ///
>      (0.1600066*4194+0.0864057*1685+0.1721028*3539+0.1802721*1905)/11232
.15750992

290      /*= 0.15750992*/
291
292
293 *****
294 *          PART 6: Appendix: Frequency of FDI by TECH
295 *****
296
297      tab2 TECH FDI2016, row

```

-> tabulation of TECH by FDI2016

Key
<i>frequency</i>
<i>row percentage</i>

Technology intensity	FDI/TREATMENT dummy in 2016		Total
	0	1	
Low-tech industries	1,869 44.56	2,325 55.44	4,194 100.00
Medium low-tech indus	904 53.65	781 46.35	1,685 100.00
Medium high-tech indu	2,432 68.72	1,107 31.28	3,539 100.00
High-tech industries	1,658 87.03	247 12.97	1,905 100.00
Total	6,863 60.61	4,460 39.39	11,323 100.00

```

298
299      tabout TECH FDI2016 using $results/05 Tables/Table7a Robustness.tex, ///
>      cells(freq row cum) format(0 1) style(tex) clab(No. Col_ % Cum_%) replace

Table output written to: C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Mic
> roeconometrics\fdimatching_deleteEXP/04_results/05_Tables/Table7a_Robustness.tex

& \multicolumn{9}{c}{FDI/TREATMENT dummy in 2016} \\
Technology intensity & \multicolumn{3}{c}{0} & \multicolumn{3}{c}{1} & \multicolumn{3}{c}{} \\
> {c}{Total} \\
&No.&Col & %&Cum & %&No.&Col & %&Cum & %&No.&Col & %&Cum & % \\
\hline
Low-tech industries&1869&44.6&27.2&2325&55.4&52.1&4194&100.0&37.0 \\
Medium low-tech industries&904&53.6&40.4&781&46.4&69.6&1685&100.0&51.9 \\
Medium high-tech industries&2432&68.7&75.8&1107&31.3&94.5&3539&100.0&83.2 \\
High-tech industries&1658&87.0&100.0&247&13.0&100.0&1905&100.0&100.0 \\
Total&6863&60.6&44.6&4460&39.4&11323&100.0& \\

```



```

300 end of do-file

301
302 *-----*
303 *      PART 3.3: Analysis by Type of FDI
304 *-----*
305
306      do $scripts/03c_by_FDITYPE

307 /*****
>                                     BY FDI TYPE DO-FILE
> *****/
>
>      Applied Microeconometrics
>
>      Empirical Project
>
>      Do-File 03c
>
>      PURPOSE:      Estimation of the effect of different types of FDI o
> n TFP.
>
>      OUTLINE:      PART 1: Multinomial Logit Models
>                      1.1: AIPW
>                      1.2: IPW
>                      PART 2: Separate Models
>                      2.1 AIPW
> *****/
>      PART 1: Multinomial Logit Models
> *****/
308
309 *-----*
310 *      PART 1.1:      AIPW
311 *-----*
312
313      teffects aipw (TFPS17 i.($F) c.($C) ) (FDITYPE2016 i.($F) c.($C) )

```

```

Iteration 0:  EE criterion = 5.541e-20
Iteration 1:  EE criterion = 2.373e-33

```

```

Treatment-effects estimation      Number of obs      =      11,323
Estimator      : augmented IPW
Outcome model   : linear by ML
Treatment model: (multinomial) logit

```

TFPS17	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDITYPE2016 (Exports-.. vs No FDI)	.1435197	.0058746	24.43	0.000	.1320058	.1550337
(Technolo.. vs No FDI)	.1394529	.0045442	30.69	0.000	.1305465	.1483593
( Domesti.. vs No FDI)	.1432132	.0040598	35.28	0.000	.1352561	.1511702
<b>POMean</b>						
FDITYPE2016 No FDI	-.0565761	.0094884	-5.96	0.000	-.0751731	-.0379792

314  
315           tebalance summarize

Covariate balance summary

	Treatment		Observations	
			Raw	Weighted
	No FDI	=	6,863	2,845.1
	Exports-ori~I	=	940	2,863.3
	Technology ~I	=	1,555	2,800.4
	Domestic ma~I	=	1,965	2,814.2
	Total	=	11,323	11,323.0

  

	Standardized differences		Variance ratio	
	Raw	Weighted	Raw	Weighted
<b>Exports-orient~I</b>				
OWN				
Subsidiaries	.029319	-.0159056	1.037004	.9793819
Independent	.0711904	-.0519146	1.026993	.977249
State	.0619914	.0177173	1.064555	1.016531
TECH				
Medium low-t~s	.0789971	-.0130459	1.173675	.974177
Medium high-~s	-.2663044	-.0193414	.7842619	.9838819
High-tech in~s	-.5946766	.0430247	.222571	1.076075
RD2015				
1	-.1977282	.0562092	.5536423	1.130642
logwages2015	-.1833482	-.0587338	.9447749	.9103155
TFP2015	-.2141912	.0133092	.9704629	1.001579
emp2015	.0249499	.0555541	.3077821	.5456246
DEBTS2015	-.0665162	.0400558	1.024821	.9617875
<b>Technology in~I</b>				
OWN				
Subsidiaries	-.0227822	.0149411	.9717411	1.019102
Independent	.0312067	-.0110143	1.013148	.9956038
State	.1341894	.0156322	1.12989	1.01462
TECH				
Medium low-t~s	.1501373	.0016789	1.327181	1.003328
Medium high-~s	-.2403611	-.0011011	.8089302	.9991046
High-tech in~s	-.5607553	-.0181223	.2633246	.9676973
RD2015				
1	-.0894951	-.0019277	.7908312	.9955541
logwages2015	-.1365085	-.0151862	.9818968	1.023026
TFP2015	-.2091214	-.0276276	.9481316	.9447849
emp2015	.0498435	.0196187	10.65892	1.505357
DEBTS2015	-.0186904	-.0394986	1.105096	1.080391
<b>Domestic mark~I</b>				
OWN				
Subsidiaries	-.0381328	-.0094519	.9519123	.9877872
Independent	.0810348	.0179192	1.02923	1.006665
State	.0945175	.0001241	1.094776	1.000121
TECH				
Medium low-t~s	.1164522	.001678	1.254467	1.003325
Medium high-~s	-.211331	.0001045	.8359902	1.000089
High-tech in~s	-.5049792	-.011019	.3324869	.9803731
RD2015				
1	.2082867	.0056421	1.503124	1.013047
logwages2015	-.0997247	.0102345	.9871457	1.013854
TFP2015	-.1378965	-.0090628	.9336303	.938248

emp2015	.0558724	.0075184	3.896824	.902008
DEBTS2015	-.0741218	-.0206654	1.020553	.979131

```

316
317      teffects overlap, ptlevel(1) ///
>      saving($results\04_bytype\bytype_overlap_11.gph, replace)
(file C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdim
> atching_deleteEXP\04_results\04_bytype\bytype_overlap_11.gph saved)

318
319      teffects overlap, ptlevel(2) ///
>      saving($results\04_bytype\bytype_overlap_12.gph, replace)
(file C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdim
> atching_deleteEXP\04_results\04_bytype\bytype_overlap_12.gph saved)

320
321      teffects overlap, ptlevel(3) ///
>      saving($results\04_bytype\bytype_overlap_13.gph, replace)
(file C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdim
> atching_deleteEXP\04_results\04_bytype\bytype_overlap_13.gph saved)

322
323      outreg2 using $results\04_bytype\bytype_table_1.tex, replace dec(3) ///
>      drop(OWN TECH RD2015 logwages2015 TFP2015 emp2015 DEBTS2015) ///
>      nocon eqdrop(OME0 OME1 OME2 OME3 TME1 TME2 TME3) lab()
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP\04_results\04_bytype\bytype_table_1.tex
dir : seeout

324
325
326 *-----*
327 *      PART 1.2:      IPW
328 *-----*
329
330      teffects ipw (TFPS17 ) (FDITYPE2016 i.($F) c.($C))

```

Iteration 0: EE criterion = **5.541e-20**  
Iteration 1: EE criterion = **4.471e-33**

Treatment-effects estimation                      Number of obs        =        **11,323**  
Estimator                    : **inverse-probability weights**  
Outcome model                : **weighted mean**  
Treatment model: **(multinomial) logit**

TFPS17	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDITYPE2016						
(Exports-...						
vs						
No FDI)	.1570882	.0316177	4.97	0.000	.0951187	.2190577
(Technolo...						
vs						
No FDI)	.1123436	.0177869	6.32	0.000	.077482	.1472052
( Domesti...						
vs						
No FDI)	.1342705	.0106457	12.61	0.000	.1134052	.1551357
<b>POMean</b>						
FDITYPE2016						
No FDI	-.0684059	.0096686	-7.08	0.000	-.0873559	-.0494558

331  
332           tebalance summarize

Covariate balance summary

	Treatment		Observations	
			Raw	Weighted
	No FDI	=	6,863	2,845.1
	Exports-ori~I	=	940	2,863.3
	Technology ~I	=	1,555	2,800.4
	Domestic ma~I	=	1,965	2,814.2
	Total	=	11,323	11,323.0

  

	Standardized differences		Variance ratio	
	Raw	Weighted	Raw	Weighted
<b>Exports-orient~I</b>				
OWN				
Subsidiaries	.029319	-.0159056	1.037004	.9793819
Independent	.0711904	-.0519146	1.026993	.977249
State	.0619914	.0177173	1.064555	1.016531
TECH				
Medium low-t~s	.0789971	-.0130459	1.173675	.974177
Medium high-~s	-.2663044	-.0193414	.7842619	.9838819
High-tech in~s	-.5946766	.0430247	.222571	1.076075
RD2015				
1	-.1977282	.0562092	.5536423	1.130642
logwages2015	-.1833482	-.0587338	.9447749	.9103155
TFP2015	-.2141912	.0133092	.9704629	1.001579
emp2015	.0249499	.0555541	.3077821	.5456246
DEBTS2015	-.0665162	.0400558	1.024821	.9617875
<b>Technology in~I</b>				
OWN				
Subsidiaries	-.0227822	.0149411	.9717411	1.019102
Independent	.0312067	-.0110143	1.013148	.9956038
State	.1341894	.0156322	1.12989	1.01462
TECH				
Medium low-t~s	.1501373	.0016789	1.327181	1.003328
Medium high-~s	-.2403611	-.0011011	.8089302	.9991046
High-tech in~s	-.5607553	-.0181223	.2633246	.9676973
RD2015				
1	-.0894951	-.0019277	.7908312	.9955541
logwages2015	-.1365085	-.0151862	.9818968	1.023026
TFP2015	-.2091214	-.0276276	.9481316	.9447849
emp2015	.0498435	.0196187	10.65892	1.505357
DEBTS2015	-.0186904	-.0394986	1.105096	1.080391
<b>Domestic mark~I</b>				
OWN				
Subsidiaries	-.0381328	-.0094519	.9519123	.9877872
Independent	.0810348	.0179192	1.02923	1.006665
State	.0945175	.0001241	1.094776	1.000121
TECH				
Medium low-t~s	.1164522	.001678	1.254467	1.003325
Medium high-~s	-.211331	.0001045	.8359902	1.000089
High-tech in~s	-.5049792	-.011019	.3324869	.9803731
RD2015				
1	.2082867	.0056421	1.503124	1.013047
logwages2015	-.0997247	.0102345	.9871457	1.013854
TFP2015	-.1378965	-.0090628	.9336303	.938248

emp2015	.0558724	.0075184	3.896824	.902008
DEBTS2015	-.0741218	-.0206654	1.020553	.979131

```

333
334      outreg2 using $results\04 bytype\bytype table 1.tex, append dec(3) ///
>      drop(OWN TECH RD2015 logwages2015 TFP2015 emp2015 DEBTS2015) ///
>      nocon eqdrop(OME 0 OME1 OME2 OME3 TME1 TME2 TME3)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2 Appl_Microeconometrics\fdimatchin
> g_deleteEXP\04_results\04_bytype\bytype_table_1.tex
dir : seeout

```

```

335
336
337
338
339 *****
340 *                PART 2: Seperate Logit Models
341 *****
342
343 *-----*
344 *      PART 2.1:      AIPW Logit
345 *-----*
346
347 *=====*
348 * Type 1 (Exports-oriented FDI)
349 *=====*
350 //      Type 0: No FDI
351
352      teffects aipw (TFPS17 i.($F) c.($C) ) (FDI2016 c.($C) i.($F) ) ///
>      if FDITYPE2016==1 | FDITYPE2016==0

```

```

Iteration 0:  EE criterion = 9.258e-22
Iteration 1:  EE criterion = 2.861e-33

```

```

Treatment-effects estimation          Number of obs      =      7,803
Estimator      : augmented IPW
Outcome model  : linear by ML
Treatment model: logit

```

TFPS17	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDI2016 (1 vs 0)	.1404936	.0065984	21.29	0.000	.1275609	.1534263
<b>POMean</b>						
FDI2016 0	-.0124852	.0114371	-1.09	0.275	-.0349014	.009931

```

353
354      tebalance summarize

```

Covariate balance summary

	Raw	Weighted
Number of obs =	7,803	7,803.0
Treated obs =	940	3,925.4
Control obs =	6,863	3,877.6

	Standardized differences		Variance ratio	
	Raw	Weighted	Raw	Weighted
logwages2015	-.1833482	-.0716673	.9447749	.8859531
TFP2015	-.2141912	-.0226294	.9704629	1.017289
emp2015	.0249499	.1195926	.3077821	1.358915
DEBTS2015	-.0665162	.0552287	1.024821	.9583953
OWN				
Subsidiaries	.029319	-.0418346	1.037004	.9471116
Independent	.0711904	-.0755765	1.026993	.9630798
State	.0619914	.0531902	1.064555	1.053691
TECH				
Medium low-tech	.0789971	-.0161178	1.173675	.9655996
Medium high-tech	-.2663044	-.0297073	.7842619	.9791179
High-tech in-tech	-.5946766	.0462235	.222571	1.062059
RD2015				
1	-.1977282	.0875198	.5536423	1.221739

```

355
356      outreg2 using $results\04_bytype\bytype_table_1.tex, append dec(3) ///
>      drop(OWN TECH RD2015 logwages2015 TFP2015 emp2015 DEBTS2015) ///
>      nocon eqdrop(OME0 OME1 TME1)
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2_Appl_Microeconometrics\fdimatchin
> g_deleteEXP\04_results\04_bytype\bytype_table_1.tex
dir : seeout

```

```

357
358
359 *=====*
360 * Type 2(Technology intensive FDI)
361 *=====*
362
363      teffects aipw (TFPS17 i.($F) c.($C) )(FDI2016 c.($C) i.($F) ) ///
>      if FDITYPE2016==2 | FDITYPE2016==0

```

```

Iteration 0:  EE criterion = 6.471e-24
Iteration 1:  EE criterion = 2.692e-33

```

```

Treatment-effects estimation      Number of obs      =      8,418
Estimator      : augmented IPW
Outcome model  : linear by ML
Treatment model: logit

```

TFPS17	Robust		z	P> z	[95% Conf. Interval]	
	Coef.	Std. Err.				
<b>ATE</b>						
FDI2016 (1 vs 0)	.1393538	.0048889	28.50	0.000	.1297718	.1489358
<b>POMean</b>						
FDI2016 0	-.0249796	.011	-2.27	0.023	-.0465391	-.00342

364  
365           tebalance summarize

Covariate balance summary

		Raw	Weighted
	Number of obs =	8,418	8,418.0
	Treated obs =	1,555	4,169.7
	Control obs =	6,863	4,248.3

  

	Standardized differences		Variance ratio	
	Raw	Weighted	Raw	Weighted
logwages2015	-.1365085	-.0165004	.9818968	1.025628
TFP2015	-.2091214	-.0607962	.9481316	.9409475
emp2015	.0498435	.037521	10.65892	1.875564
DEBTS2015	-.0186904	-.0532078	1.105096	1.091496
OWN				
Subsidiaries	-.0227822	.0006329	.9717411	1.000803
Independent	.0312067	-.017564	1.013148	.992243
State	.1341894	.0387922	1.12989	1.037702
TECH				
Medium low-tech	.1501373	.0029158	1.327181	1.006
Medium high-tech	-.2403611	-.0057285	.8089302	.9959361
High-tech in-tech	-.5607553	-.0217103	.2633246	.9682538
RD2015				
1	-.0894951	.0036693	.7908312	1.009067

366  
367           outreg2 using \$results\04\_bytype\bytype table 1.tex, append dec(3) ///  
>           drop(OWN TECH RD2015 logwages2015 TFP2015 emp2015 DEBTS2015) ///  
>           nocon eqdrop(OME0 OME1 TME1)  
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2\_Appl\_Microeconometrics\fdimatchin  
> g\_deleteEXP\04\_results\04\_bytype\bytype\_table\_1.tex  
dir : seeout

368  
369  
370 \*=====\*

371 \* Type 3(Domestic market seeking FDI)

372 \*=====\*

373

374           teffects aipw (TFPS17 i.(\$F) c.(\$C) ) (FDI2016 c.(\$C) i.(\$F) ) ///

>           if FDITYPE2016==3 | FDITYPE2016==0

Iteration 0:   EE criterion = 7.443e-19  
Iteration 1:   EE criterion = 2.227e-33

Treatment-effects estimation                      Number of obs       =       8,828  
Estimator       : **augmented IPW**  
Outcome model   : **linear by ML**  
Treatment model: **logit**

TFPS17	Coef.	Robust Std. Err.	z	P> z	[95% Conf. Interval]	
<b>ATE</b>						
FDI2016 (1 vs 0)	.1428096	.0042927	33.27	0.000	.1343961	.1512231
<b>POMean</b>						
FDI2016 0	-.0173178	.0107047	-1.62	0.106	-.0382987	.0036632

375  
376           tebalance summarize

Covariate balance summary

		Raw	Weighted
	Number of obs =	8,828	8,828.0
	Treated obs =	1,965	4,386.6
	Control obs =	6,863	4,441.4

  

	Standardized differences		Variance ratio	
	Raw	Weighted	Raw	Weighted
logwages2015	-.0997247	.0143064	.9871457	1.018875
TFP2015	-.1378965	-.0343519	.9336303	.9395222
emp2015	.0558724	.0171481	3.896824	.9394148
DEBTS2015	-.0741218	-.0281171	1.020553	.9867092
OWN				
Subsidiaries	-.0381328	-.0225617	.9519123	.9708481
Independent	.0810348	.0149455	1.02923	1.005709
State	.0945175	.0189725	1.094776	1.018936
TECH				
Medium low-tech	.1164522	.0025253	1.254467	1.005217
Medium high-tech	-.211331	-.0033973	.8359902	.9975718
High-tech in-tech	-.5049792	-.0136332	.3324869	.9796925
RD2015				
1	.2082867	.0082827	1.503124	1.017821

377  
378           outreg2 using \$results\04\_bytype\bytype table 1.tex, append dec(3) ///  
>           drop(OWN TECH RD2015 logwages2015 TFP2015 emp2015 DEBTS2015) ///  
>           nocon eqdrop(OME0 OME1 TME1)  
C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2\_Appl\_Microeconometrics\fdimatchin  
> g\_deleteEXP\04\_results\04\_bytype\bytype\_table\_1.tex  
dir : seeout

379  
380  
381  
382  
383  
384  
end of do-file

385  
386  
387  
388           log close  
            name: <unnamed>  
            log: C:\Users\Emilie\Documents\Emilie\Master\Nottingham\2\_Appl\_Microeconometri  
> cs\fdimatching\_deleteEXP\log\_fdi\_matching.smcl  
log type: smcl  
closed on: 10 May 2020, 20:57:05