Tables

December 20, 2023

Table 1: Summ Stats for Psychiatists

	Zip N	Zip Mean	Zip Std	Cohort N	Cohort Mean	Cohort Std
N Phy	880.000	28.872	46.305	156.000	171.141	107.332
N Pat	880.000	945.513	1,288.595	156.000	5,456.233	4,792.617
N Pres	880.000	4,074.060	5,555.211	156.000	23,383.248	20,494.480
Pat/Phy	880.000	36.311	21.328	156.000	27.065	11.520
Sh Red	880.000	0.485	0.118	156.000	0.416	0.074
Sh Young	880.000	0.468	0.117	156.000	0.400	0.071
Sh Tri	880.000	0.086	0.068	156.000	0.062	0.021
Sh Ben	880.000	0.023	0.022	156.000	0.023	0.012
Sh Poly	880.000	0.067	0.043	156.000	0.058	0.009

Table 2: Summ Stats for Non-psychiatrists

	Zip N	Zip Mean	Zip Std	Cohort N	Cohort Mean	Cohort Std
N Phy	889.000	192.314	200.170	156.000	1,150.476	805.638
N Pat	889.000	939.693	1,059.764	156.000	5,512.922	4,347.009
N Pres	889.000	3,268.462	3,815.424	156.000	19,024.484	15,912.229
Pat/Phy	889.000	4.841	1.759	156.000	4.377	1.228
Sh Red	889.000	0.515	0.091	156.000	0.506	0.074
Sh Young	889.000	0.418	0.083	156.000	0.395	0.070
Sh Tri	889.000	0.158	0.062	156.000	0.166	0.040
Sh Ben	889.000	0.081	0.052	156.000	0.081	0.035
Sh Poly	889.000	0.026	0.012	156.000	0.024	0.004

Table 3: Zip Avg on Training and Spillover (Psychiatrists)

	Dependent variable:
	Zip Avg
Training	0.098***
	(0.001)
Spillover	0.860***
	(0.002)
Dep Mean	0.444
Observations	2,997,881
Adjusted R^2	0.150
Note:	*p<0.1; **p<0.05; ***p<0.01

Table 4: Zip Avg on Training and Spillover (Non-psychiatrists)

	Dependent variable:
	Zip Avg
Training	0.040***
	(0.001)
Spillover	0.985***
	(0.001)
Dep Mean	0.513
Observations	4,015,856
Adjusted R^2	0.413
Note:	*p<0.1; **p<0.05; ***p<0.01

Table 5: Any red-flag (Psychiatrists)

Dependent Variable:	Any red-flag		
Model:	(1)	(2)	(3)
Variables			
Zip Residuals	0.181***	0.142***	
	(0.021)	(0.013)	
Training	0.844***	0.121***	0.106***
	(0.045)	(0.037)	(0.037)
Spillover	0.471***	0.200***	0.180**
	(0.094)	(0.067)	(0.071)
Patient Age	-0.023***	-0.023***	-0.023***
	(0.000)	(0.000)	(0.000)
Female Patient	-0.057***	-0.050***	-0.050***
	(0.001)	(0.001)	(0.001)
Fixed-effects			
Year	Yes	Yes	Yes
Patient Zip3	Yes	Yes	Yes
Physician		Yes	Yes
Fit statistics			
Observations	2,997,881	2,997,881	2,997,881
Dependent variable mean	0.44027	0.44027	0.44027
Adjusted R^2	0.08035	0.18143	0.18122

Clustered (Physician Zip3) standard-errors in parentheses
Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Table 6: Any red-flag (Non-psychiatrists)

Dependent Variable:	Any red-flag		
Model:	(1)	(2)	(3)
Variables			
Zip Residuals	0.157***	0.130***	
	(0.022)	(0.012)	
Training	0.804***	0.177***	0.176***
	(0.029)	(0.026)	(0.026)
Spillover	0.108	0.386***	0.486***
	(0.144)	(0.095)	(0.099)
Patient Age	-0.025***	-0.023***	-0.023***
	(0.000)	(0.000)	(0.000)
Female Patient	-0.005***	-0.007***	-0.007***
	(0.001)	(0.001)	(0.001)
Fixed-effects			
Year	Yes	Yes	Yes
Patient Zip3	Yes	Yes	Yes
Physician		Yes	Yes
Fit statistics			
Observations	4,015,856	4,015,856	4,015,856
Dependent variable mean	0.52524	0.52524	0.52524
Adjusted R^2	0.07491	0.28123	0.28112

Clustered (Physician Zip3) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Table 7: Each type of prescription (Psychiatrists)

Dependent Variables:	Too young	Tricyclics	Benzos	Polypharmacy
Model:	(1)	(2)	(3)	(4)
Variables				
Zip Residuals	0.144***	0.082***	-0.005**	0.107***
	(0.012)	(0.018)	(0.002)	(0.018)
Training	0.111***	0.118***	-0.012*	0.096*
	(0.038)	(0.045)	(0.007)	(0.054)
Spillover	0.216***	0.247***	0.002	0.116
	(0.069)	(0.083)	(0.012)	(0.127)
Patient Age	-0.025***	-0.010***	0.000***	0.006***
	(0.000)	(0.000)	(0.000)	(0.000)
Female Patient	-0.049***	-0.027***	0.001***	0.016***
	(0.001)	(0.001)	(0.000)	(0.001)
Fixed-effects				
Year	Yes	Yes	Yes	Yes
Patient Zip3	Yes	Yes	Yes	Yes
Physician	Yes	Yes	Yes	Yes
Fit statistics				
Observations	2,997,881	2,997,881	2,997,881	2,997,881
Dependent variable mean	0.42959	0.06814	0.01956	0.05244
Adjusted R^2	0.18359	0.15392	0.10593	0.06553

Clustered (Physician Zip3) standard-errors in parentheses
Signif. Codes: ***: 0.01, **: 0.05, *: 0.1

Table 8: Each type of prescription (Non-psychiatrists)

Dependent Variables:	Too young	Tricyclics	Benzos	Polypharmacy
Model:	(1)	(2)	(3)	(4)
Variables				
Zip Residuals	0.126***	0.087***	0.024***	0.041***
	(0.012)	(0.012)	(0.006)	(0.014)
Training	0.155***	0.014	0.010	0.033
	(0.031)	(0.025)	(0.016)	(0.034)
Spillover	0.623***	0.107	0.049	0.389*
	(0.114)	(0.095)	(0.059)	(0.210)
Patient Age	-0.036***	-0.003***	-0.006***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)
Female Patient	-0.026***	0.009***	0.001**	0.002***
	(0.001)	(0.001)	(0.000)	(0.000)
Fixed-effects				
Year	Yes	Yes	Yes	Yes
Patient Zip3	Yes	Yes	Yes	Yes
Physician	Yes	Yes	Yes	Yes
Fit statistics				
Observations	4,015,856	4,015,856	4,015,856	4,015,856
Dependent variable mean	0.39742	0.20441	0.08106	0.01670
Adjusted R^2	0.27577	0.39553	0.27045	0.04740

Clustered (Physician Zip3) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*