

Appendix D. Aim 1 Single Augmenting Class Analyses

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Tables - Change in Outcomes

Unweighted Changes in PTSD Checklist Score

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	61.2196	60.2979	-0.9217	(-1.4377,-0.4057)	0.0005	-1.50559
Quetiapine	60.9848	60.4888	-0.496	(-1.1349,0.1429)	0.128	-0.81332
Risperidone	61.5412	59.9088	-1.6324	(-2.5663,-0.6986)	0.0006	-2.6526
Olanzapine	62.6226	60.0805	-2.5421	(-5.144,0.0598)	0.0553	-4.05937
Mirtazapine	60.1832	58.8614	-1.3218	(-1.8497,-0.7939)	<.0001	-2.19625
Prazosin	61.8571	60.2749	-1.5822	(-1.8538,-1.3106)	<.0001	-2.55785
Tricyclics	59.8659	58.8142	-1.0517	(-1.9173,-0.1861)	0.0174	-1.75677
Amitriptyline	59.8652	58.749	-1.1162	(-2.0044,-0.228)	0.0139	-1.86451
Imipramine	59.9142	60.3518	0.4376	(-3.792,4.6671)	0.8276	0.73035

Propensity Score Weighted changes in PTSD Checklist Score

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	61.3378	60.4127	-0.9251	(-1.4382,-0.4121)	0.0004	-1.50825
Quetiapine	61.1312	60.6557	-0.4755	(-1.1105,0.1595)	0.142	-0.77787
Risperidone	61.5167	59.8669	-1.6498	(-2.5772,-0.7223)	0.0005	-2.68181
Olanzapine	63.2225	60.5216	-2.7009	(-5.3273,-0.0745)	0.0441	-4.27207
Mirtazapine	60.2395	58.986	-1.2535	(-1.7774,-0.7296)	<.0001	-2.08085
Prazosin	61.8654	60.2735	-1.5919	(-1.8652,-1.3186)	<.0001	-2.57315
Tricyclics	60.2717	58.9334	-1.3383	(-2.1897,-0.4868)	0.0021	-2.22039
Amitriptyline	60.2517	58.8455	-1.4062	(-2.2791,-0.5333)	0.0017	-2.33387
Imipramine	60.7261	60.9259	0.1998	(-3.9761,4.3756)	0.9197	0.32895

Number of Windows for PTSD Checklist Score

Medication Group	n(pre)	n(post)
Antipsychotics	3300	3539
Quetiapine	2208	2345
Risperidone	946	1051
Olanzapine	146	143
Mirtazapine	3190	2976
Prazosin	11181	10275
Tricyclics	1085	985
Amitriptyline	1039	945
Imipramine	46	40

Number of PTSD Checklist Scores per Person

	Pre-Index Year	Post-Index Year
	Median (IQR)	Median (IQR)
Antipsychotics	1(1,2)	1(1,2)
Mirtazapine	1(1,2)	1(1,2)
Prazosin	1(1,2)	1(1,3)
Tricyclics	1(1,2)	1(1,2)

Unweighted Changes in Primary Care PTSD Score

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	2.671	2.5938	-0.07715	(-0.1274 , -0.0269)	0.0026	-2.8884
Quetiapine	2.682	2.644	-0.03801	(-0.0991 , 0.023)	0.2225	-1.4174
Risperidone	2.6522	2.4947	-0.15746	(-0.2527 , -0.0623)	0.0012	-5.9372
Olanzapine	2.6161	2.4802	-0.13592	(-0.3715 , 0.0997)	0.2604	-5.1955
Mirtazapine	2.4213	2.3257	-0.09556	(-0.1569 , -0.0342)	0.0023	-3.9468
Prazosin	2.9629	2.9188	-0.04409	(-0.0822 , -0.0059)	0.0236	-1.4879
Tricyclics	2.3402	2.176	-0.16423	(-0.2542 , -0.0743)	0.0004	-7.0178
Amitriptyline	2.3433	2.1866	-0.15671	(-0.2484 , -0.0651)	0.0008	-6.6876
Imipramine	2.2588	1.9349	-0.32394	(-0.7938 , 0.1459)	0.1846	-14.3413

Propensity Score Weighted Changes in Primary Care PTSD Score

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	2.6798	2.5958	-0.08401	(-0.1343 , -0.0337)	0.0011	-3.1348
Quetiapine	2.6906	2.6435	-0.04702	(-0.1083 , 0.0142)	0.1325	-1.7477
Risperidone	2.6609	2.5115	-0.1494	(-0.2444 , -0.0544)	0.0021	-5.6146
Olanzapine	2.6286	2.4378	-0.19083	(-0.4258 , 0.0441)	0.114	-7.2596
Mirtazapine	2.4978	2.3971	-0.10069	(-0.1615 , -0.0398)	0.0012	-4.0313
Prazosin	2.9149	2.867	-0.04791	(-0.0865 , -0.0093)	0.015	-1.6435
Tricyclics	2.5417	2.2436	-0.29814	(-0.3868 , -0.2095)	<.0001	-11.7298
Amitriptyline	2.5535	2.2652	-0.28831	(-0.3785 , -0.1981)	<.0001	-11.2908
Imipramine	2.2634	1.8033	-0.4601	(-0.9293 , 0.0091)	0.0622	-20.3276

Number of Windows for Primary Care PTSD Score

Medication Group	n(pre)	n(post)
Antipsychotics	10722	6004
Quetiapine	7339	4013
Risperidone	2900	1715
Olanzapine	483	276
Mirtazapine	7846	4096
Prazosin	18192	7184
Tricyclics	3357	2063
Amitriptyline	3234	1976
Imipramine	123	87

Unweighted Changes in Mental Health ER Visits (per 100 patient years)

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	11.5475	9.0764	-2.47111	(-3.272,-1.6702)	<.0001	-21.3995
Quetiapine	12.0151	9.3466	-2.66847	(-3.6888,-1.6482)	<.0001	-22.2093
Risperidone	10.1751	8.2651	-1.90996	(-3.2514,-0.5685)	0.0053	-18.7709
Olanzapine	12.7711	9.8795	-2.89157	(-6.4577,0.6746)	0.1122	-22.6415
Mirtazapine	9.2785	7.0261	-2.25238	(-3.0214,-1.4833)	<.0001	-24.2752
Prazosin	7.8831	5.8215	-2.06162	(-2.5263,-1.5969)	<.0001	-26.1524
Tricyclics	4.3809	3.7417	-0.63928	(-1.3452,0.0667)	0.0759	-14.5923
Amitriptyline	4.5051	3.7756	-0.7295	(-1.4605,0.0015)	0.0505	-16.1926
Imipramine	1.8256	3.0426	1.21704	(-1.1862,3.6202)	0.3214	66.6667

Propensity Score Weighted Changes in Mental Health ER Visits (per 100 patient years)

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	10.8672	8.3769	-2.49032	(-3.246,-1.7347)	<.0001	-22.9159
Quetiapine	11.2214	8.6631	-2.55827	(-3.5263,-1.5902)	<.0001	-22.7981
Risperidone	9.711	7.5863	-2.12465	(-3.3701,-0.8792)	0.0008	-21.8789
Olanzapine	12.5392	8.9324	-3.60677	(-6.9422,-0.2713)	0.0342	-28.764
Mirtazapine	9.0257	6.8771	-2.14863	(-2.8912,-1.4061)	<.0001	-23.8057
Prazosin	7.8447	5.8608	-1.98391	(-2.4509,-1.5169)	<.0001	-25.2896
Tricyclics	5.558	4.2672	-1.29076	(-2.1042,-0.4773)	0.0019	-23.2235
Amitriptyline	5.7228	4.3351	-1.38777	(-2.2331,-0.5424)	0.0013	-24.2497
Imipramine	2.4332	2.9816	0.54837	(-1.9353,3.0321)	0.6654	22.5364

Number of Windows for Mental Health ER Visits

Medication Group	n(pre)	n(post)
Antipsychotics	31929	31929
Quetiapine	21473	21473
Risperidone	8796	8796
Olanzapine	1660	1660
Mirtazapine	24907	24907
Prazosin	52289	52289
Tricyclics	10637	10637
Amitriptyline	10144	10144
Imipramine	493	493

Unweighted Changes in Mental Health Hospitalizations (per 100 patient years)

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	14.7765	10.6956	-4.08093	(-4.8538,-3.3081)	<.0001	-27.6176
Quetiapine	15.4892	11.2281	-4.26117	(-5.2335,-3.2888)	<.0001	-27.5105
Risperidone	12.9604	9.3224	-3.63802	(-4.957,-2.3191)	<.0001	-28.0702
Olanzapine	15.1807	11.0843	-4.09639	(-7.8141,-0.3787)	0.0309	-26.9841
Mirtazapine	10.8403	7.7368	-3.10355	(-3.8678,-2.3393)	<.0001	-28.6296
Prazosin	9.83	6.7682	-3.06183	(-3.5294,-2.5943)	<.0001	-31.1479
Tricyclics	4.5314	3.3374	-1.19395	(-1.8543,-0.5336)	0.0004	-26.3485
Amitriptyline	4.6136	3.332	-1.28155	(-1.96,-0.6031)	0.0002	-27.7778
Imipramine	2.8398	3.4483	0.60852	(-2.1828,3.3999)	0.6694	21.4286

Propensity Score Weighted Changes | Mental Health Hospitalizations (per 100 patient years)

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	13.5269	9.7511	-3.77583	(-4.503,-3.0487)	<.0001	-27.9135
Quetiapine	14.1121	10.2651	-3.847	(-4.7646,-2.9294)	<.0001	-27.2603
Risperidone	11.9813	8.5364	-3.44485	(-4.6859,-2.2038)	<.0001	-28.752
Olanzapine	14.2721	9.6148	-4.65733	(-8.0772,-1.2375)	0.0077	-32.6324
Mirtazapine	10.3673	7.4812	-2.88607	(-3.6166,-2.1556)	<.0001	-27.8382
Prazosin	9.7755	6.8352	-2.9403	(-3.4096,-2.471)	<.0001	-30.0783
Tricyclics	6.806	4.1936	-2.6124	(-3.4182,-1.8066)	<.0001	-38.3837
Amitriptyline	6.9579	4.2315	-2.72643	(-3.5585,-1.8943)	<.0001	-39.1845
Imipramine	3.9262	3.4756	-0.45063	(-3.4777,2.5764)	0.7706	-11.4774

Number of Windows for Mental Health Hospitalization

Medication Group	n(pre)	n(post)
Antipsychotics	31929	31929
Quetiapine	21473	21473
Risperidone	8796	8796
Olanzapine	1660	1660
Mirtazapine	24907	24907
Prazosin	52289	52289
Tricyclics	10637	10637
Amitriptyline	10144	10144
Imipramine	493	493

Unweighted Changes in Suicidal Thought (% Endorsing)

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	20.6915	16.1965	-4.49498	(-5.7545,-3.2355)	<.0001	-21.7238
Quetiapine	20.6811	16.0773	-4.60385	(-6.1336,-3.0741)	<.0001	-22.2611
Risperidone	20.4004	16.0833	-4.31705	(-6.7054,-1.9287)	0.0004	-21.1617
Olanzapine	22.5194	18.582	-3.93742	(-9.9439,2.0691)	0.2014	-17.4846
Mirtazapine	16.8338	13.7111	-3.12269	(-4.3691,-1.8763)	<.0001	-18.5502
Prazosin	17.9284	14.9701	-2.95835	(-3.7975,-2.1192)	<.0001	-16.5009
Tricyclics	14.4967	13.2942	-1.2025	(-3.1355,0.7305)	0.223	-8.295
Amitriptyline	14.6129	13.367	-1.24591	(-3.2348,0.743)	0.2198	-8.5261
Imipramine	12.4672	11.8981	-0.56912	(-8.7874,7.6491)	0.8926	-4.565

Propensity Score Weighted Changes in Suicidal Thought (% Endorsing)

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	20.2108	16.0285	-4.18232	(-5.4344,-2.9302)	<.0001	-20.6935
Quetiapine	20.1883	15.9825	-4.2058	(-5.728,-2.6836)	<.0001	-20.8329
Risperidone	20.0014	15.6779	-4.32354	(-6.6917,-1.9553)	0.0004	-21.6162
Olanzapine	21.807	18.9121	-2.89489	(-8.888,3.0982)	0.3457	-13.275
Mirtazapine	16.6066	13.7225	-2.88405	(-4.127,-1.6411)	<.0001	-17.3669
Prazosin	17.9286	15.0749	-2.85368	(-3.6917,-2.0157)	<.0001	-15.9169
Tricyclics	15.105	13.7787	-1.32626	(-3.2905,0.6379)	0.186	-8.7803
Amitriptyline	15.241	14.0358	-1.20514	(-3.2318,0.8215)	0.2441	-7.9072
Imipramine	12.7991	9.0842	-3.7149	(-11.6179,4.1882)	0.3613	-29.0248

Number of Windows for Suicidal Thought

Medication Group	n(pre)	n(post)
Antipsychotics	6933	6094
Quetiapine	4721	4104
Risperidone	1885	1704
Olanzapine	327	286
Mirtazapine	6375	5028
Prazosin	16153	11361
Tricyclics	2344	2077
Amitriptyline	2217	1974
Imipramine	127	103

Unweighted Changes in Suicidal Plan (% Endorsing)

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	11.9102	10.108	-1.80217	(-3.7055, 0.1011)	0.064	-15.1313
Quetiapine	12.1463	10.0023	-2.14398	(-4.5021, 0.2142)	0.0756	-17.6514
Risperidone	11.808	10.4336	-1.37439	(-4.8853, 2.1365)	0.4438	-11.6394
Olanzapine	9.0909	9.4378	0.34684	(-7.8816, 8.5753)	0.9347	3.8153
Mirtazapine	9.9594	10.0842	0.12477	(-1.7995, 2.0491)	0.8989	1.2528
Prazosin	10.156	9.1855	-0.97055	(-2.242, 0.3009)	0.1349	-9.5564
Tricyclics	8.439	7.8008	-0.63821	(-3.5181, 2.2417)	0.6644	-7.5627
Amitriptyline	8.407	7.7127	-0.69434	(-3.6382, 2.2495)	0.6444	-8.2591
Imipramine	9.0476	9.375	0.32738	(-13.5647, 14.2195)	0.9638	3.6184

Propensity Score Changes in Suicidal Plan (% Endorsing)

Medication Group	Pre-Index Year	Post-Index Year	Absolute Change (post minus pre)	95% CI	P-value	Percent Change (post minus pre)
Antipsychotics	11.2496	9.8968	-1.35279	(-3.2258, 0.5202)	0.1574	-12.0253
Quetiapine	11.5008	9.8156	-1.68525	(-4.0084, 0.6379)	0.1559	-14.6533
Risperidone	11.1388	10.1627	-0.97613	(-4.4258, 2.4736)	0.5798	-8.7634
Olanzapine	8.3318	9.2636	0.93182	(-7.1131, 8.9767)	0.8219	11.1839
Mirtazapine	9.7611	9.8388	0.07771	(-1.8274, 1.9828)	0.9363	0.7962
Prazosin	10.2539	9.2516	-1.00232	(-2.276, 0.2714)	0.1232	-9.775
Tricyclics	8.9808	7.0336	-1.94718	(-4.8199, 0.9256)	0.1854	-21.6815
Amitriptyline	8.9396	7.0835	-1.85615	(-4.8033, 1.091)	0.2184	-20.7632
Imipramine	9.7868	6.1114	-3.67546	(-16.8128, 9.4618)	0.5915	-37.5552

Number of Windows for Suicidal Plan

Medication Group	n(pre)	n(post)
Antipsychotics	2178	1703
Quetiapine	1453	1094
Risperidone	626	526
Olanzapine	99	83
Mirtazapine	2020	1483
Prazosin	4774	3176
Tricyclics	702	604
Amitriptyline	667	572
Imipramine	35	32

Models - Change in Outcomes

For all subsequent model tables:

Model 0: Unadjusted

Model 1: Adding sociodemographics, comorbidities, prescribing facility factors, service utilization factors

Model 2: Model 1 covariates + days on index medication

Model 3: Model 1 covariates + days on index medication + dose of index medication

Model 4: Propensity weighted

Model 5: Propensity weighted + days on index medication

Model 6: Propensity weighted + days on index medication + dose of index medication

Unadjusted and Adjusted Models for Change in PTSD Checklist Score by Augmenting Medication

PTSD Checklist	Model 0			Model 1			Model 2		
	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	-0.391	(-1.115, 0.333)	0.2898	-0.3845	(-1.1068, 0.3378)	0.2968	-0.3867	(-1.1091, 0.3357)	0.294
Prazosin	-0.6802	(-1.2495, -0.1108)	0.0192	-0.6989	(-1.2671, -0.1308)	0.0159	-0.7012	(-1.2694, -0.133)	0.0156
Tricyclics	-0.01992	(-1.066, 1.0262)	0.9702	-0.1244	(-1.1679, 0.9192)	0.8153	-0.1286	(-1.1723, 0.915)	0.8091
PTSD Checklist	Model 3			Model 4			Model 5		
	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	-0.4147	(-1.1368, 0.3074)	0.2603	-0.3356	(-0.963, 0.2917)	0.2943	-0.3372	(-0.9646, 0.2902)	0.2921
Prazosin	-0.703	(-1.271, -0.1351)	0.0153	-0.6768	(-1.2631, -0.0905)	0.0237	-0.6783	(-1.2646, -0.092)	0.0234
Tricyclics	-0.1193	(-1.1625, 0.9238)	0.8226	-0.355	(-1.0189, 0.3089)	0.2946	-0.3575	(-1.0214, 0.3064)	0.2912
PTSD Checklist	Model 6								
	Diff to Ref	95% CI	p-val						
Mirtazapine	-0.3589	(-0.9862, 0.2683)	0.262						
Prazosin	-0.6812	(-1.2673, -0.095)	0.0228						
Tricyclics	-0.3451	(-1.0089, 0.3187)	0.3082						

Unadjusted and Adjusted Models for Change in Primary Care PTSD Score by Augmenting Medication Group

Primary Care PTSD	Model 0			Model 1			Model 2		
	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	-0.01842	(-0.0679, 0.0311)	0.466	-0.0048	(-0.0363, 0.0267)	0.7652	-0.00485	(-0.0365, 0.0268)	0.764
Prazosin	0.03306	(-0.0215, 0.0877)	0.2353	0.03723	(-0.0179, 0.0924)	0.1859	0.03718	(-0.018, 0.0923)	0.1866
Tricyclics	-0.08708	(-0.1652, -0.009)	0.0289	-0.08445	(-0.1619, -0.007)	0.0327	-0.0845	(-0.162, -0.007)	0.0326
Primary Care PTSD	Model 3			Model 4			Model 5		
	Diff to PRA	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	-0.00361	(-0.0244, 0.0172)	0.7341	-0.01669	(-0.0684, 0.0351)	0.5274	-0.01749	(-0.0697, 0.0347)	0.5112
Prazosin	0.03762	(-0.0181, 0.0933)	0.1855	0.0361	(-0.0309, 0.1031)	0.2906	0.03568	(-0.0319, 0.1032)	0.3005
Tricyclics	-0.08525	(-0.1632, -0.0073)	0.0321	-0.2141	(-0.281, -0.1472)	<.0001	-0.2145	(-0.2813, -0.1477)	<.0001
Primary Care PTSD	Model 6								
	Diff to Ref	95% CI	p-val						
Mirtazapine	-0.01492	(-0.0564, 0.0266)	0.4812						
Prazosin	0.0362	(-0.0322, 0.1046)	0.2997						
Tricyclics	-0.2166	(-0.2839, -0.1492)	<.0001						

Unadjusted and Adjusted Models for Change in Mental Health ER Visits by Augmenting Medication Group

Mental Health ER	Model 0			Model 1			Model 2		
	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	0.2187	(-0.476, 0.9135)	0.5372	0.01768	(-0.0293, 0.0646)	0.4603	0.02821	(-0.0467, 0.1032)	0.4607
Prazosin	0.4095	(-0.2558, 1.0748)	0.2277	0.08953	(-0.0321, 0.2111)	0.1489	0.09434	(-0.0339, 0.2226)	0.1492
Tricyclics	1.8318	(-2.879, 6.5427)	0.446	0.7373	(-0.8475, 2.3221)	0.3618	0.7418	(-0.8538, 2.3374)	0.3622
Mental Health ER	Model 3			Model 4			Model 5		
	Diff to PRA	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	0.1256	(-0.2074, 0.4587)	0.4598	0.3417	(-3.0115, 3.6949)	0.8417	0.4031	(-3.5454, 4.3515)	0.8414
Prazosin	0.1017	(-0.0362, 0.2396)	0.1484	0.5064	(-1.4175, 2.4303)	0.6059	0.5331	(-1.4885, 2.5547)	0.6053
Tricyclics	0.761	(-0.8727, 2.3947)	0.3612	1.1996	(-38.6717, 41.0709)	0.953	1.2429	(-39.9957, 42.4815)	0.9529
Mental Health ER	Model 6								
	Diff to Ref	95% CI	p-val						
Mirtazapine	0.8501	(-7.4612, 9.1613)	0.8411						
Prazosin	0.5887	(-1.6396, 2.8171)	0.6046						
Tricyclics	1.3073	(-41.983, 44.5975)	0.9528						

Unadjusted and Adjusted Models for Change in Mental Health Hospitalizations by Augmenting Medication Group

Mental Health Hospitalization	Model 0			Model 1			Model 2		
	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	0.9774	(-5.9208, 7.8756)	0.7812	0.3044	(-1.507, 2.1158)	0.7419	0.2983	(-1.4764, 2.0729)	0.7419
Prazosin	1.0191	(-0.6807, 2.7189)	0.2399	0.2644	(-0.1074, 0.6362)	0.1634	0.2608	(-0.1059, 0.6276)	0.1634
Tricyclics	2.887	(-29.5872, 35.3612)	0.8617	0.9618	(-8.1589, 10.0824)	0.8363	0.9577	(-8.1241, 10.0394)	0.8363
Mental Health Hospitalization	Model 3			Model 4			Model 5		
	Diff to PRA	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	0.5372	(-2.6544, 3.7289)	0.7415	0.8898	(-81.4567, 83.2362)	0.9831	0.9312	(-85.1455, 87.0079)	0.9831
Prazosin	0.2857	(-0.1154, 0.6868)	0.1627	0.8355	(-1.8675, 3.5385)	0.5446	0.8566	(-1.9113, 3.6245)	0.5441
Tricyclics	1.0044	(-8.5058, 10.5146)	0.836	1.1634	(0.3148, 2.0121)	0.0072	1.2025	(0.3264, 2.0786)	0.0071
Mental Health Hospitalization	Model 6								
	Diff to Ref	95% CI	p-val						
Mirtazapine	1.832	(-167.056, 170.7201)	0.983						
Prazosin	0.9765	(-2.1702, 4.1232)	0.543						
Tricyclics	1.293	(0.3535, 2.2324)	0.007						

Unadjusted and Adjusted Models for Change in Suicidal Thought by Augmenting Medication Group

Suicidal Thought	Model 0			Model 1			Model 2		
	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	1.3723	(-1.6638, 4.4084)	0.3757	1.2222	(-1.4755, 3.9199)	0.3746	1.2233	(-1.464, 3.9106)	0.3723
Prazosin	1.5366	(-0.3559, 3.4291)	0.1115	1.3019	(-0.3998, 3.0036)	0.1338	1.3039	(-0.3962, 3.0039)	0.1328
Tricyclics	3.2925	(0.3079, 6.2771)	0.0306	2.9973	(0.401, 5.5936)	0.0237	3.0006	(0.4053, 5.5959)	0.0235
Suicidal Thought	Model 3			Model 4			Model 5		
	Diff to PRA	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	1.4285	(-1.9138, 4.7708)	0.4022	1.2983	(-1.4193, 4.0158)	0.3491	1.2995	(-1.3945, 3.9934)	0.3444
Prazosin	1.3356	(-0.4111, 3.0824)	0.134	1.3286	(-0.7268, 3.3841)	0.2052	1.3314	(-0.7185, 3.3812)	0.203
Tricyclics	3.0585	(0.4107, 5.7062)	0.0236	2.8561	(0.8338, 4.8783)	0.0056	2.861	(0.8433, 4.8787)	0.0055
Suicidal Thought	Model 6								
	Diff to Ref	95% CI	p-val						
Mirtazapine	1.4984	(-1.8451, 4.842)	0.3798						
Prazosin	1.3587	(-0.7453, 3.4627)	0.2057						
Tricyclics	2.9102	(0.8589, 4.9616)	0.0054						

Unadjusted and Adjusted Models for Change in Suicidal Plan by Augmenting Medication Group

Suicidal Plan	Model 0			Model 1			Model 2		
	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	1.9269	(-0.8825, 4.7363)	0.1789	1.7416	(-0.7619, 4.2451)	0.1728	1.7522	(-0.7526, 4.257)	0.1705
Prazosin	0.8316	(-1.9378, 3.601)	0.5562	0.4158	(-2.4027, 3.2342)	0.7725	0.4084	(-2.4107, 3.2275)	0.7765
Tricyclics	1.164	(-3.885, 6.2129)	0.6514	0.8991	(-3.2385, 5.0366)	0.6702	0.9131	(-3.1814, 5.0075)	0.6621
Suicidal Plan	Model 3			Model 4			Model 5		
	Diff to PRA	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	1.7306	(-0.7707, 4.232)	0.1752	1.4305	(-1.2105, 4.0715)	0.2885	1.444	(-1.177, 4.065)	0.2803
Prazosin	0.4337	(-2.4393, 3.3068)	0.7673	0.3505	(-2.9683, 3.6693)	0.836	0.3222	(-3.0126, 3.657)	0.8498
Tricyclics	0.9531	(-3.2097, 5.1158)	0.6537	-0.5944	(-2.0456, 0.8568)	0.4222	-0.6011	(-2.0971, 0.8949)	0.431
Suicidal Plan	Model 6								
	Diff to Ref	95% CI	p-val						
Mirtazapine	1.4497	(-1.2106, 4.11)	0.2856						
Prazosin	0.3404	(-3.0643, 3.7451)	0.8447						
Tricyclics	-0.6016	(-2.1168, 0.9136)	0.4365						