# Appendix I. Pairwise Comparisons

#### **Appendix I: Pairwise Comparisons for Main Outcomes**

#### **Full Sample Analyses**

#### For all subsequent model tables:

Model 0: Unadjusted

Model 1: Adjusted for sociodemographics, comorbidities, prescribing facility factors, service utilization factors

Model 2: Adding days on index medication

Model 3: Model 1 covariates + days on index med + other augmenting classes

Model 4: Model 1 covariates + days on index med + other augmenting classes + dose of augmenting med

**Model 5: Propensity weighted** 

Model 6: Propensity weighted + days on index med

Model 7: Propensity weighted + days on index med + other augmenting classes

Model 8: Propensity weighted + days on index med + other augmenting classes + dose of augmenting med

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

#### **Reference: Antipsychotics**

PTSD Checklist		Model 0			Model 1		Model 2		
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	0.02	(-0.3617,0.4021)	0.92	0.02	(-0.3585,0.404)	0.91	0.02291	(-0.3583,0.4042)	0.9062
Prazosin	-0.32	(-0.6338,-0.0106)	0.04	-0.36	(-0.6661,-0.0439)	0.03	-0.3544	(-0.6655,-0.0433)	0.0256
Tricyclics	0.02	(-0.5339,0.5663)	0.95	0.001	(-0.5481,0.5502)	1.00	-0.00066	(-0.5498,0.5485)	0.9981
PTSD Checklist		Model 3			Model 4			Model 5	
P 13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	-0.00911	(-0.3898,0.3716)	0.9626	-0.03691	(-0.4176,0.3438)	0.8493	0.003	(-0.3621,0.3687)	0.99
Prazosin	-0.4017	(-0.7124,-0.0909)	0.0113	-0.4069	(-0.7177,-0.0962)	0.0103	-0.32	(-0.6717,0.0319)	0.07
Tricyclics	-0.03009	(-0.5784,0.5182)	0.9143	-0.02894	(-0.5772,0.5193)	0.9176	-0.15	(-0.525,0.2327)	0.45
PTSD Checklist	Model 6			-	Model 7			Model 8	
P 13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	0.003588	(-0.3618,0.3689)	0.9846	-0.03019	(-0.3949,0.3345)	0.8711	-0.05355	(-0.4183,0.3112)	0.7735
Prazosin	-0.3187	(-0.6705,0.033)	0.0757	-0.3769	(-0.728,-0.0257)	0.0354	-0.3814	(-0.7326,-0.0303)	0.0333
Tricyclics	-0.1466	(-0.5255,0.2323)	0.4482	-0.2049	(-0.5831,0.1733)	0.2882	-0.2044	(-0.5825,0.1738)	0.2894

Reference: Mirtazapine

PTSD Checklist		Model 0			Model 1		Model 2		
P13D CHECKIIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	-0.02021	(-0.4021, 0.3617)	0.9174	-0.02272	(-0.404, 0.3585)	0.907	-0.02291	(-0.4042, 0.3583)	0.9062
Prazosin	-0.3424	(-0.6822, -0.0027)	0.0482	-0.3777	(-0.7169, -0.0386)	0.0291	-0.3773	(-0.7164, -0.0381)	0.0292
Tricyclics	-0.00402	(-0.5706, 0.5626)	0.9889	-0.02166	(-0.5872, 0.5438)	0.9401	-0.02357	(-0.5891, 0.5419)	0.9349
PTSD Checklist		Model 3			Model 4			Model 5	
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.009113	(-0.3716, 0.3898)	0.9626	0.03691	(-0.3438, 0.4176)	0.8493	-0.00329	(-0.3687, 0.3621)	0.9859
Prazosin	-0.3926	(-0.7312, -0.0539)	0.0231	-0.37	(-0.7087, -0.0314)	0.0322	-0.3232	(-0.6642, 0.0179)	0.0633
Tricyclics	-0.02098	(-0.5856, 0.5436)	0.9419	0.007967	(-0.5566, 0.5725)	0.9779	-0.1494	(-0.5184, 0.2195)	0.4273
PTSD Checklist		Model 6			Model 7			Model 8	
P13D CHECKIIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	-0.00359	(-0.3689, 0.3618)	0.9846	0.03019	(-0.3345, 0.3949)	0.8711	0.05355	(-0.3112, 0.4183)	0.7735
Prazosin	-0.3223	(-0.6634, 0.0187)	0.064	-0.3467	(-0.6871, -0.0062)	0.0459	-0.3279	(-0.6683, 0.0126)	0.0591
Tricyclics	-0.1502	(-0.5191, 0.2188)	0.425	-0.1747	(-0.5429, 0.1935)	0.3524	-0.1508	(-0.5191, 0.2174)	0.422

Reference: Prazosin

DTCD Charlelist		Model 0			Model 1			Model 2	
PTSD Checklist	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.3222	(0.0106, 0.6338)	0.0427	0.355	(0.0439, 0.6661)	0.0253	0.3544	(0.0433, 0.6655)	0.0256
Mirtazapine	0.3424	(0.0027, 0.6822)	0.0482	0.3777	(0.0386, 0.7169)	0.0291	0.3773	(0.0381, 0.7164)	0.0292
Tricyclics	0.3384	(-0.1834, 0.8602)	0.2037	0.3561	(-0.1647, 0.8768)	0.1802	0.3537	(-0.1671, 0.8745)	0.1831
PTSD Checklist		Model 3	-		Model 4	-		Model 5	-
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.4017	(0.0909, 0.7124)	0.0113	0.4069	(0.0962, 0.7177)	0.0103	0.3199	(-0.0319, 0.6717)	0.0747
Mirtazapine	0.3926	(0.0539, 0.7312)	0.0231	0.37	(0.0314, 0.7087)	0.0322	0.3232	(-0.0179, 0.6642)	0.0633
Tricyclics	0.3716	(-0.1484, 0.8915)	0.1613	0.378	(-0.1419, 0.8979)	0.1542	0.1738	(-0.1817, 0.5292)	0.338
PTSD Checklist		Model 6			Model 7			Model 8	
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.3187	(-0.033, 0.6705)	0.0757	0.3769	(0.0257, 0.728)	0.0354	0.3814	(0.0303, 0.7326)	0.0333
Mirtazapine	0.3223	(-0.0187, 0.6634)	0.064	0.3467	(0.0062, 0.6871)	0.0459	0.3279	(-0.0126, 0.6683)	0.0591
Tricyclics	0.1721	(-0.1833, 0.5276)	0.3425	0.172	(-0.1829, 0.5268)	0.3422	0.177	(-0.1778, 0.5318)	0.3281

PTSD Checklist		Model 0			Model 1			Model 2	
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	-0.01619	(-0.5663, 0.5339)	0.954	-0.00105	(-0.5502, 0.5481)	0.997	0.000664	(-0.5485, 0.5498)	0.9981
Prazosin	0.004017	(-0.5626, 0.5706)	0.9889	0.02166	(-0.5438, 0.5872)	0.9401	0.02357	(-0.5419, 0.5891)	0.9349
Mirtazapine	-0.3384	(-0.8602, 0.1834)	0.2037	-0.3561	(-0.8768, 0.1647)	0.1802	-0.3537	(-0.8745, 0.1671)	0.1831
PTSD Checklist		Model 3			Model 4			Model 5	
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.03009	(-0.5182, 0.5784)	0.9143	0.02894	(-0.5193, 0.5772)	0.9176	0.1461	(-0.2327, 0.525)	0.4497
Prazosin	0.02098	(-0.5436, 0.5856)	0.9419	-0.00797	(-0.5725, 0.5566)	0.9779	0.1494	(-0.2195, 0.5184)	0.4273
Mirtazapine	-0.3716	(-0.8915, 0.1484)	0.1613	-0.378	(-0.8979, 0.1419)	0.1542	-0.1738	(-0.5292, 0.1817)	0.338
PTSD Checklist	Model 6			Model 7				Model 8	
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.1466	(-0.2323, 0.5255)	0.4482	0.2049	(-0.1733, 0.5831)	0.2882	0.2044	(-0.1738, 0.5825)	0.2894
Prazosin	0.1502	(-0.2188, 0.5191)	0.425	0.1747	(-0.1935, 0.5429)	0.3524	0.1508	(-0.2174, 0.5191)	0.422
Mirtazapine	-0.1721	(-0.5276, 0.1833)	0.3425	-0.172	(-0.5268, 0.1829)	0.3422	-0.177	(-0.5318, 0.1778)	0.3281

## Unadjusted and Adjusted Models for Change in Weight by Augmenting Medication Group

Reference: Prazosin

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Woight		Model 0			Model 1			Model 2	
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.7087	(0.5918,0.8255)	<.0001	0.7105	(0.5936,0.8274)	<.0001	0.7112	(0.5944,0.828)	<.0001
Mirtazapine	1.5006	(1.3741,1.627)	<.0001	1.5002	(1.3737,1.6267)	<.0001	1.5007	(1.3743,1.6271)	<.0001
Tricyclics	0.3739	(0.1989,0.5488)	<.0001	0.3723	(0.1973, 0.5474)	<.0001	0.3724	(0.1975,0.5472)	<.0001
Woight		Model 3			Model 4			Model 5	
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.7103	(0.5934,0.8271)	<.0001	0.7103	(0.5935,0.8272)	<.0001	0.6308	(0.4943,0.7673)	<.0001
Mirtazapine	1.5004	(1.374,1.6269)	<.0001	1.5004	(1.374,1.6269)	<.0001	1.6924	(1.5556,1.8291)	<.0001
Tricyclics	0.3719	(0.197,0.5468)	<.0001	0.3719	(0.197,0.5468)	<.0001	0.4468	(0.3101,0.5834)	<.0001
Weight		Model 6			Model 7			Model 8	
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.632	(0.4957,0.7683)	<.0001	0.6309	(0.4946,0.7672)	<.0001	0.631	(0.4946,0.7673)	<.0001
Mirtazapine	1.6928	(1.5562,1.8294)	<.0001	1.6926	(1.556,1.8291)	<.0001	1.6925	(1.5559,1.8291)	<.0001
Tricyclics	0.4469	(0.3104,0.5834)	<.0001	0.4464	(0.3099,0.5829)	<.0001	0.4464	(0.3099,0.5829)	<.0001

## **Reference: Antipsychotics**

Weight		Model 0			Model 1			Model 2	
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	0.7919	(0.6568, 0.927)	<.0001	0.7897	(0.6546, 0.9248)	<.0001	0.7894	(0.6544, 0.9244)	<.0001
Prazosin	-0.7087	(-0.8255, -0.5918)	<.0001	-0.7105	(-0.8274, -0.5936)	<.0001	-0.7112	(-0.828, -0.5944)	<.0001
Tricyclics	-0.3348	(-0.5161, -0.1535)	0.0003	-0.3381	(-0.5195, -0.1568)	0.0003	-0.3389	(-0.52, -0.1577)	0.0002
Weight		Model 3	-		Model 4	=		Model 5	-
weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	0.7902	(0.6551, 0.9252)	<.0001	0.7901	(0.655, 0.9251)	<.0001	1.0615	(0.9252, 1.1979)	<.0001
Prazosin	-0.7103	(-0.8271, -0.5934)	<.0001	-0.7103	(-0.8272, -0.5935)	<.0001	-0.6308	(-0.7673, -0.4943)	<.0001
Tricyclics	-0.3383	(-0.5196, -0.1571)	0.0003	-0.3384	(-0.5197, -0.1572)	0.0003	-0.184	(-0.3203, -0.0478)	0.0081
Weight		Model 6			Model 7			Model 8	
weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Mirtazapine	1.0608	(0.9247, 1.197)	<.0001	1.0617	(0.9255, 1.1978)	<.0001	1.0616	(0.9254, 1.1977)	<.0001
Prazosin	-0.632	(-0.7683, -0.4957)	<.0001	-0.6309	(-0.7672, -0.4946)	<.0001	-0.631	(-0.7673, -0.4946)	<.0001
Tricyclics	-0.1851	(-0.3212, -0.049)	0.0077	-0.1845	(-0.3206, -0.0484)	0.0079	-0.1846	(-0.3207, -0.0485)	0.0079

# Reference: Mirtazapine

Weight		Model 0			Model 1			Model 2	
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	-0.7919	(-0.927, -0.6568)	<.0001	-0.7897	(-0.9248, -0.6546)	<.0001	-0.7894	(-0.9244, -0.6544)	<.0001
Prazosin	-1.5006	(-1.627, -1.3741)	<.0001	-1.5002	(-1.6267, -1.3737)	<.0001	-1.5007	(-1.6271, -1.3743)	<.0001
Tricyclics	-1.1267	(-1.3143, -0.9391)	<.0001	-1.1279	(-1.3155, -0.9402)	<.0001	-1.1283	(-1.3158, -0.9408)	<.0001
Maight.		Model 3			Model 4			Model 5	
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	-0.7902	(-0.9252, -0.6551)	<.0001	-0.7901	(-0.9251, -0.655)	<.0001	-1.0615	(-1.1979, -0.9252)	<.0001
Prazosin	-1.5004	(-1.6269, -1.374)	<.0001	-1.5004	(-1.6269, -1.374)	<.0001	-1.6924	(-1.8291, -1.5556)	<.0001
Tricyclics	-1.1285	(-1.3161, -0.9409)	<.0001	-1.1285	(-1.3161, -0.9409)	<.0001	-1.2456	(-1.3821, -1.1091)	<.0001
Weight		Model 6			Model 7			Model 8	
weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	-1.0608	(-1.197, -0.9247)	<.0001	-1.0617	(-1.1978, -0.9255)	<.0001	-1.0616	(-1.1977, -0.9254)	<.0001
Prazosin	-1.6928	(-1.8294, -1.5562)	<.0001	-1.6926	(-1.8291, -1.556)	<.0001	-1.6925	(-1.8291, -1.5559)	<.0001
Tricyclics	-1.2459	(-1.3823, -1.1096)	<.0001	-1.2461	(-1.3825, -1.1098)	<.0001	-1.2461	(-1.3825, -1.1098)	<.0001

Weight		Model 0			Model 1		Model 2			
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	
Antipsychotics	0.3348	(0.1535, 0.5161)	0.0003	0.3381	(0.1568, 0.5195)	0.0003	0.3389	(0.1577, 0.52)	0.0002	
Mirtazapine	1.1267	(0.9391, 1.3143)	<.0001	1.1279	(0.9402, 1.3155)	<.0001	1.1283	(0.9408, 1.3158)	<.0001	
Prazosin	-0.3739	(-0.5488, -0.1989)	<.0001	-0.3723	(-0.5474, -0.1973)	<.0001	-0.3724	(-0.5472, -0.1975)	<.0001	
Weight	-	Model 3		•	Model 4		-	Model 5		
weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	
Antipsychotics	0.3383	(0.1571, 0.5196)	0.0003	0.3384	(0.1572, 0.5197)	0.0003	0.184	(0.0478, 0.3203)	0.0081	
Mirtazapine	1.1285	(0.9409, 1.3161)	<.0001	1.1285	(0.9409, 1.3161)	<.0001	1.2456	(1.1091, 1.3821)	<.0001	
Prazosin	-0.3719	(-0.5468, -0.197)	<.0001	-0.3719	(-0.5468, -0.197)	<.0001	-0.4468	(-0.5834, -0.3101)	<.0001	
Weight		Model 6			Model 7			Model 8		
weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	
Antipsychotics	0.1851	(0.049, 0.3212)	0.0077	0.1845	(0.0484, 0.3206)	0.0079	0.1846	(0.0485, 0.3207)	0.0079	
Mirtazapine	1.2459	(1.1096, 1.3823)	<.0001	1.2461	(1.1098, 1.3825)	<.0001	1.2461	(1.1098, 1.3825)	<.0001	
Prazosin	-0.4469	(-0.5834, -0.3104)	<.0001	-0.4464	(-0.5829, -0.3099)	<.0001	-0.4464	(-0.5829, -0.3099)	<.0001	

#### **Single Augmenting Class Analyses**

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

(-1.2673, -0.095)

(-1.0089, 0.3187)

#### Unadjusted and Adjusted Models for Change in PSTD Checklist Score by Augmenting Medication Group

0.0228

0.3082

**Reference: Antipsychotics** 

Prazosin

Tricyclics

-0.6812

-0.3451

Reference. And	.psychotics								
PTSD Checklist		Model 0			Model 1			Model 2	
P13D CHECKIST	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	
P13D CHECKIST	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	·			_			_
P 13D CHECKIIST	Diff to Ref	95% CI	p-val						
Mirtazapine	-0.3589	(-0.9862, 0.2683)	0.262	•					

Reference: Mirtazapine

PTSD Checklist		Model 0			Model 1			Model 2	
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.391	(-0.333, 1.115)	0.2898	0.3845	(-0.3378, 1.1068)	0.2968	0.3867	(-0.3357, 1.1091)	0.294
Prazosin	-0.2891	(-0.8807, 0.3024)	0.338	-0.3144	(-0.9047, 0.2759)	0.2964	-0.3145	(-0.9048, 0.2758)	0.2963
Tricyclics	0.3711	(-0.6873, 1.4294)	0.4919	0.2601	(-0.7956, 1.3158)	0.6291	0.2581	(-0.7977, 1.3138)	0.6318
PTSD Checklist		Model 3			Model 4			Model 5	
P 13D CHECKIIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.4147	(-0.3074, 1.1368)	0.2603	0.3356	(-0.2917, 0.963)	0.2943	0.3372	(-0.2902, 0.9646)	0.2921
Prazosin	-0.2884	(-0.8785, 0.3017)	0.3381	-0.3412	(-0.8917, 0.2094)	0.2245	-0.3411	(-0.8917, 0.2095)	0.2246
Tricyclics	0.2953	(-0.76, 1.3506)	0.5833	-0.01936	(-0.6519, 0.6132)	0.9522	-0.02029	(-0.6528, 0.6123)	0.9499
PTSD Checklist		Model 6							
P 13D CHECKIIST	Diff to Ref	95% CI	p-val						
Antipsychotics	0.3589	(-0.2683, 0.9862)	0.262	•					
Prazosin	-0.3222	(-0.8727, 0.2282)	0.2512	•					

Reference: Prazosin

0.01384

(-0.6186, 0.6463)

0.9658

Tricyclics

Mercretice. I ra									
PTSD Checklist		Model 0	·		Model 1	·		Model 2	
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.6802	(0.1108, 1.2495)	0.0192	0.6989	(0.1308, 1.2671)	0.0159	0.7012	(0.133, 1.2694)	0.0156
Mirtazapine	0.2891	(-0.3024, 0.8807)	0.338	0.3144	(-0.2759, 0.9047)	0.2964	0.3145	(-0.2758, 0.9048)	0.2963
Tricyclics	0.6602	(-0.299, 1.6195)	0.1773	0.5746	(-0.3824, 1.5315)	0.2392	0.5726	(-0.3844, 1.5295)	0.2409
PTSD Checklist	-	Model 3		-	Model 4		-	Model 5	
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.703	(0.1351, 1.271)	0.0153	0.6768	(0.0905, 1.2631)	0.0237	0.6783	(0.092, 1.2646)	0.0234
Mirtazapine	0.2884	(-0.3017, 0.8785)	0.3381	0.3412	(-0.2094, 0.8917)	0.2245	0.3411	(-0.2095, 0.8917)	0.2246
Tricyclics	0.5837	(-0.3728, 1.5402)	0.2316	0.3218	(-0.27, 0.9137)	0.2865	0.3208	(-0.271, 0.9127)	0.288
PTSD Checklist		Model 6							
P13D CHECKIST	Diff to Ref	95% CI	p-val						
Antipsychotics	0.6812	(0.095, 1.2673)	0.0228						
Mirtazapine	0.3222	(-0.2282, 0.8727)	0.2512						
Tricyclics	0.3361	(-0.2557, 0.9278)	0.2656	•					

PTSD Checklist		Model 0			Model 1		Model 2			
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	
Antipsychotics	0.01992	(-1.0262, 1.066)	0.9702	0.1244	(-0.9192, 1.1679)	0.8153	0.1286	(-0.915, 1.1723)	0.8091	
Prazosin	-0.3711	(-1.4294, 0.6873)	0.4919	-0.2601	(-1.3158, 0.7956)	0.6291	-0.2581	(-1.3138, 0.7977)	0.6318	
Mirtazapine	-0.6602	(-1.6195, 0.299)	0.1773	-0.5746	(-1.5315, 0.3824)	0.2392	-0.5726	(-1.5295, 0.3844)	0.2409	
PTSD Checklist		Model 3			Model 4			Model 5		
P13D CHECKIST	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	
Antipsychotics	0.1193	(-0.9238, 1.1625)	0.8226	0.355	(-0.3089, 1.0189)	0.2946	0.3575	(-0.3064, 1.0214)	0.2912	
Prazosin	-0.2953	(-1.3506, 0.76)	0.5833	0.01936	(-0.6132, 0.6519)	0.9522	0.02029	(-0.6123, 0.6528)	0.9499	
Mirtazapine	-0.5837	(-1.5402, 0.3728)	0.2316	-0.3218	(-0.9137, 0.27)	0.2865	-0.3208	(-0.9127, 0.271)	0.288	
PTSD Checklist		Model 6								
F 13D CHECKIIST	Diff to Ref	95% CI	p-val							
Antipsychotics	0.3451	(-0.3187, 1.0089)	0.3082							

### Unadjusted and Adjusted Models for Change in Weight by Augmenting Medication Group

0.9658

0.2656

<.0001

<.0001

(-0.6463, 0.6186)

(-0.9278, 0.2557)

(1.6781, 2.0168)

(0.5473, 0.8862)

**Reference: Prazosin** 

Mirtazapine

Tricyclics

Prazosin

Mirtazapine

-0.01384

-0.3361

1.8475

0.7167

Weight	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
Antipsychotics	0.6472	(0.5, 0.7945)	<.0001	0.6476	(0.5003, 0.7948)	<.0001	0.6476	(0.5003, 0.7948)	<.0001
Mirtazapine	1.5088	(1.3498, 1.6678)	<.0001	1.5091	(1.3501, 1.668)	<.0001	1.5092	(1.3503, 1.6682)	<.0001
Tricyclics	0.6031	(0.3868, 0.8194)	<.0001	0.6026	(0.3864, 0.8189)	<.0001	0.603	(0.3868, 0.8193)	<.0001
\A/a;abt	Model 3			Model 4			Model 5		
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.6476	(0.5004, 0.7948)	<.0001	0.7543	(0.5851, 0.9236)	<.0001	0.7544	(0.5852, 0.9236)	<.0001
Mirtazapine	1.5092	(1.3503, 1.6682)	<.0001	1.8473	(1.678, 2.0167)	<.0001	1.8475	(1.6781, 2.0168)	<.0001
Tricyclics	0.6031	(0.3868, 0.8193)	<.0001	0.7163	(0.5469, 0.8858)	<.0001	0.7167	(0.5473, 0.8862)	<.0001
Weight	Model 6								
	Diff to Ref	95% CI	p-val						
			,	T					
Antipsychotics	0.7544	(0.5852, 0.9237)	<.0001						

**Reference: Antipsychotics** 

Weight	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	0.8615	(0.6873, 1.0357)	<.0001	0.8615	(0.6873, 1.0357)	<.0001	0.8617	(0.6875, 1.0359)	<.0001	
Prazosin	-0.6472	(-0.7945, -0.5)	<.0001	-0.6476	(-0.7948, -0.5003)	<.0001	-0.6476	(-0.7948, -0.5003)	<.0001	
Tricyclics	-0.04415	(-0.2718, 0.1836)	0.704	-0.04496	(-0.2726, 0.1827)	0.6987	-0.04453	(-0.2722, 0.1832)	0.7015	
Weight	Model 3				Model 4			Model 5	Model 5	
weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	
Mirtazapine	0.8616	(0.6875, 1.0358)	<.0001	1.093	(0.9241, 1.2619)	<.0001	1.0931	(0.9242, 1.262)	<.0001	
Prazosin	-0.6476	(-0.7948, -0.5004)	<.0001	-0.7543	(-0.9236, -0.5851)	<.0001	-0.7544	(-0.9236, -0.5852)	<.0001	
Tricyclics	-0.04452	(-0.2722, 0.1832)	0.7015	-0.03803	(-0.207, 0.1309)	0.659	-0.03769	(-0.2066, 0.1313)	0.662	
Weight	Model 6									
weight	Diff to Ref	95% CI	p-val							
Mirtazapine	1.093	(0.9242, 1.2619)	<.0001							
Prazosin	-0.7544	(-0.9237, -0.5852)	<.0001							

Reference: Mirtazapine

Tricyclics

-0.03769

(-0.2066, 0.1313)

0.6619

Weight	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
Antipsychotics	-0.8615	(-1.0357, -0.6873)	<.0001	-0.8615	(-1.0357, -0.6873)	<.0001	-0.8617	(-1.0359, -0.6875)	<.0001
Prazosin	-1.5088	(-1.6678, -1.3498)	<.0001	-1.5091	(-1.668, -1.3501)	<.0001	-1.5092	(-1.6682, -1.3503)	<.0001
Tricyclics	-0.9057	(-1.1411, -0.6702)	<.0001	-0.9065	(-1.1419, -0.671)	<.0001	-0.9062	(-1.1416, -0.6708)	<.0001
Woight	Model 3			Model 4			Model 5		
Weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	-0.8616	(-1.0358, -0.6875)	<.0001	-1.093	(-1.2619, -0.9241)	<.0001	-1.0931	(-1.262, -0.9242)	<.0001
Prazosin	-1.5092	(-1.6682, -1.3503)	<.0001	-1.8473	(-2.0167, -1.678)	<.0001	-1.8475	(-2.0168, -1.6781)	<.0001
Tricyclics	-0.9062	(-1.1416, -0.6707)	<.0001	-1.131	(-1.3001, -0.9619)	<.0001	-1.1308	(-1.2999, -0.9617)	<.0001
Weight	Model 6								
weight	Diff to Ref	95% CI	p-val						
Antipsychotics	-1.093	(-1.2619, -0.9242)	<.0001						
Prazosin	-1.8475	(-2.0168, -1.6781)	<.0001						
Tricyclics	-1.1307	(-1.2998, -0.9616)	<.0001						

Prazosin

-0.7167

(-0.8862, -0.5473)

<.0001

Weight	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
Antipsychotics	0.04415	(-0.1836, 0.2718)	0.704	0.04496	(-0.1827, 0.2726)	0.6987	0.04453	(-0.1832, 0.2722)	0.7015
Mirtazapine	0.9057	(0.6702, 1.1411)	<.0001	0.9065	(0.671, 1.1419)	<.0001	0.9062	(0.6708, 1.1416)	<.0001
Prazosin	-0.6031	(-0.8194, -0.3868)	<.0001	-0.6026	(-0.8189, -0.3864)	<.0001	-0.603	(-0.8193, -0.3868)	<.0001
Weight	Model 3			Model 4			Model 5		
weight	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val	Diff to Ref	95% CI	p-val
Antipsychotics	0.04452	(-0.1832, 0.2722)	0.7015	0.03803	(-0.1309, 0.207)	0.659	0.03769	(-0.1313, 0.2066)	0.662
Mirtazapine	0.9062	(0.6707, 1.1416)	<.0001	1.131	(0.9619, 1.3001)	<.0001	1.1308	(0.9617, 1.2999)	<.0001
Prazosin	-0.6031	(-0.8193, -0.3868)	<.0001	-0.7163	(-0.8858, -0.5469)	<.0001	-0.7167	(-0.8862, -0.5473)	<.0001
Weight	Model 6								
vveigni	Diff to Ref	95% CI	p-val						
Antipsychotics	0.03769	(-0.1313, 0.2066)	0.6619						
Mirtazapine	1.1307	(0.9616, 1.2998)	<.0001	•					