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A1: Changes from Baseline to Each Occasion by Outcome and Group

Outcome	Group	From Baseline To:	Estimate	SE	t Value	Pr > t 	Lower	Upper	dEst	dLower	dUpper
1.PTSD	0.PCT+	2. Post-Shelter	-25.00	2.55	-9.82	<.0001	-30.00	-20.00	-1.50	-1.80	-1.20
1.PTSD	0.PCT+	3. Post-Treat	-43.45	3.26	-13.34	<.0001	-49.84	-37.05	-2.03	-2.33	-1.74
1.PTSD	0.PCT+	4. 6mo Post-Treat	-45.98	2.91	-15.79	<.0001	-51.70	-40.26	-2.41	-2.71	-2.11
1.PTSD	0.PCT+	5. 12mo Post-Treat	-48.77	3.28	-14.86	<.0001	-55.22	-42.32	-2.27	-2.57	-1.97
1.PTSD	1.HOPE	2. Post-Shelter	-22.41	2.98	-7.52	<.0001	-28.27	-16.56	-1.15	-1.45	-0.85
1.PTSD	1.HOPE	3. Post-Treat	-40.53	3.00	-13.51	<.0001	-46.42	-34.64	-2.06	-2.36	-1.76
1.PTSD	1.HOPE	4. 6mo Post-Treat	-41.03	3.62	-11.35	<.0001	-48.14	-33.93	-1.73	-2.03	-1.43
1.PTSD	1.HOPE	5. 12mo Post-Treat	-44.41	3.21	-13.84	<.0001	-50.71	-38.11	-2.11	-2.41	-1.81
2.IPV (SVAW)	0.PCT+	2. Post-Shelter	-1.66	0.24	-6.99	<.0001	-2.12	-1.19	-1.07	-1.37	-0.77
2.IPV (SVAW)	0.PCT+	3. Post-Treat	-4.02	0.38	-10.64	<.0001	-4.76	-3.28	-1.62	-1.92	-1.32
2.IPV (SVAW)	0.PCT+	4. 6mo Post-Treat	-3.21	0.36	-8.81	<.0001	-3.92	-2.49	-1.34	-1.64	-1.04
2.IPV (SVAW)	0.PCT+	5. 12mo Post-Treat	-2.86	0.40	-7.10	<.0001	-3.65	-2.07	-1.08	-1.38	-0.78
2.IPV (SVAW)	1.HOPE	2. Post-Shelter	-2.09	0.27	-7.82	<.0001	-2.61	-1.57	-1.19	-1.49	-0.89
2.IPV (SVAW)	1.HOPE	3. Post-Treat	-3.05	0.34	-9.06	<.0001	-3.71	-2.39	-1.38	-1.68	-1.08
2.IPV (SVAW)	1.HOPE	4. 6mo Post-Treat	-2.62	0.44	-5.92	<.0001	-3.49	-1.76	-0.90	-1.20	-0.60
2.IPV (SVAW)	1.HOPE	5. 12mo Post-Treat	-3.35	0.52	-6.42	<.0001	-4.38	-2.33	-0.98	-1.28	-0.68

A1: Changes from Baseline to Each Occasion by Outcome and Group, continued

Outcome	Group	From Baseline To:	Estimate	SE	t Value	Pr > t 	Lower	Upper	dEst	dLower	dUpper
3.IPV (PMWI)	0.PCT+	2. Post-Shelter	-1.26	0.16	-7.85	<.0001	-1.58	-0.95	-1.20	-1.49	-0.90
3.IPV (PMWI)	0.PCT+	3. Post-Treat	-2.29	0.26	-8.73	<.0001	-2.80	-1.78	-1.33	-1.63	-1.03
3.IPV (PMWI)	0.PCT+	4. 6mo Post-Treat	-2.11	0.24	-8.87	<.0001	-2.58	-1.65	-1.35	-1.65	-1.05
3.IPV (PMWI)	0.PCT+	5. 12mo Post-Treat	-1.86	0.22	-8.36	<.0001	-2.29	-1.42	-1.27	-1.57	-0.98
3.IPV (PMWI)	1.HOPE	2. Post-Shelter	-1.41	0.17	-8.12	<.0001	-1.74	-1.07	-1.24	-1.54	-0.94
3.IPV (PMWI)	1.HOPE	3. Post-Treat	-1.84	0.21	-8.65	<.0001	-2.26	-1.42	-1.32	-1.62	-1.02
3.IPV (PMWI)	1.HOPE	4. 6mo Post-Treat	-1.94	0.26	-7.38	<.0001	-2.46	-1.42	-1.12	-1.42	-0.83
3.IPV (PMWI)	1.HOPE	5. 12mo Post-Treat	-2.03	0.30	-6.69	<.0001	-2.63	-1.44	-1.02	-1.32	-0.72
4.Depression	0.PCT+	2. Post-Shelter	-7.23	1.24	-5.81	<.0001	-9.67	-4.78	-0.89	-1.19	-0.59
4.Depression	0.PCT+	3. Post-Treat	-12.38	1.51	-8.19	<.0001	-15.35	-9.42	-1.25	-1.55	-0.95
4.Depression	0.PCT+	4. 6mo Post-Treat	-13.10	1.59	-8.26	<.0001	-16.22	-9.99	-1.26	-1.56	-0.96
4.Depression	0.PCT+	5. 12mo Post-Treat	-14.22	1.74	-8.18	<.0001	-17.64	-10.80	-1.25	-1.55	-0.95
4.Depression	1.HOPE	2. Post-Shelter	-10.21	1.65	-6.19	<.0001	-13.45	-6.97	-0.94	-1.24	-0.64
4.Depression	1.HOPE	3. Post-Treat	-13.33	1.79	-7.45	<.0001	-16.85	-9.81	-1.14	-1.44	-0.84
4.Depression	1.HOPE	4. 6mo Post-Treat	-12.14	1.90	-6.39	<.0001	-15.87	-8.41	-0.97	-1.27	-0.68
4.Depression	1.HOPE	5. 12mo Post-Treat	-13.24	1.91	-6.93	<.0001	-17.00	-9.49	-1.06	-1.36	-0.76

A1: Changes from Baseline to Each Occasion by Outcome and Group, continued

Outcome	Group	From Baseline To:	Estimate	SE	t Value	Pr > t 	Lower	Upper	dEst	dLower	dUpper
5.Empowerment	0.PCT+	2. Post-Shelter	7.69	1.80	4.27	<.0001	4.15	11.23	0.65	0.35	0.95
5.Empowerment	0.PCT+	3. Post-Treat	12.92	3.00	4.31	<.0001	7.03	18.81	0.66	0.36	0.96
5.Empowerment	0.PCT+	4. 6mo Post-Treat	11.70	2.91	4.02	<.0001	5.99	17.42	0.61	0.31	0.91
5.Empowerment	0.PCT+	5. 12mo Post-Treat	16.02	3.33	4.81	<.0001	9.48	22.55	0.73	0.43	1.03
5.Empowerment	1.HOPE	2. Post-Shelter	9.80	2.97	3.30	0.001	3.97	15.63	0.50	0.20	0.80
5.Empowerment	1.HOPE	3. Post-Treat	13.26	3.14	4.23	<.0001	7.10	19.42	0.64	0.35	0.94
5.Empowerment	1.HOPE	4. 6mo Post-Treat	13.30	3.38	3.93	<.0001	6.65	19.94	0.60	0.30	0.90
5.Empowerment	1.HOPE	5. 12mo Post-Treat	8.95	3.42	2.62	0.005	2.23	15.67	0.40	0.10	0.70
6.PT Cognitions	0.PCT+	2. Post-Shelter	-16.61	4.14	-4.02	<.0001	-24.74	-8.49	-0.61	-0.91	-0.31
6.PT Cognitions	0.PCT+	3. Post-Treat	-24.28	4.25	-5.72	<.0001	-32.62	-15.93	-0.87	-1.17	-0.57
6.PT Cognitions	0.PCT+	4. 6mo Post-Treat	-16.76	4.67	-3.59	0.000	-25.93	-7.59	-0.55	-0.85	-0.25
6.PT Cognitions	0.PCT+	5. 12mo Post-Treat	-24.16	5.08	-4.76	<.0001	-34.13	-14.18	-0.73	-1.03	-0.43
6.PT Cognitions	1.HOPE	2. Post-Shelter	-19.27	4.09	-4.71	<.0001	-27.31	-11.24	-0.72	-1.02	-0.42
6.PT Cognitions	1.HOPE	3. Post-Treat	-34.01	5.34	-6.37	<.0001	-44.49	-23.52	-0.97	-1.27	-0.67
6.PT Cognitions	1.HOPE	4. 6mo Post-Treat	-28.28	6.08	-4.65	<.0001	-40.23	-16.34	-0.71	-1.01	-0.41
6.PT Cognitions	1.HOPE	5. 12mo Post-Treat	-28.54	5.60	-5.10	<.0001	-39.54	-17.54	-0.78	-1.08	-0.48

A1: Changes from Baseline to Each Occasion by Outcome and Group, continued

Outcome	Group	From Baseline To:	Estimate	SE	t Value	Pr > t 	Lower	Upper	dEst	dLower	dUpper
7.Health-Related QOL	0.PCT+	2. Post-Shelter	3.34	1.10	3.03	0.001	1.17	5.50	0.46	0.16	0.76
7.Health-Related QOL	0.PCT+	3. Post-Treat	5.28	1.19	4.46	<.0001	2.96	7.61	0.68	0.38	0.98
7.Health-Related QOL	0.PCT+	4. 6mo Post-Treat	6.23	1.36	4.59	<.0001	3.56	8.89	0.70	0.40	1.00
7.Health-Related QOL	0.PCT+	5. 12mo Post-Treat	7.33	1.20	6.10	<.0001	4.97	9.69	0.93	0.63	1.23
7.Health-Related QOL	1.HOPE	2. Post-Shelter	6.50	1.17	5.56	<.0001	4.21	8.80	0.85	0.55	1.15
7.Health-Related QOL	1.HOPE	3. Post-Treat	7.80	1.25	6.23	<.0001	5.34	10.25	0.95	0.65	1.25
7.Health-Related QOL	1.HOPE	4. 6mo Post-Treat	8.22	1.55	5.31	<.0001	5.18	11.26	0.81	0.51	1.11
7.Health-Related QOL	1.HOPE	5. 12mo Post-Treat	5.09	1.63	3.12	0.001	1.89	8.29	0.48	0.18	0.78

A2: Group Differences in Model-Estimated Means by Outcome

Outcome	Occasion	Estimate	SE	t Value	Pr > t 	Lower	Upper	dEst	dLower	dUpper
1.PTSD	1. Baseline	-5.71	3.18	-1.79	0.04	-11.97	0.54	-0.27	-0.57	0.03
1.PTSD	2. Post-Shelter	-3.13	4.38	-0.71	0.24	-11.73	5.48	-0.11	-0.41	0.19
1.PTSD	3. Post-Treat	-2.79	4.23	-0.66	0.26	-11.10	5.51	-0.10	-0.40	0.20
1.PTSD	4. 6mo Post-Treat	-0.76	4.62	-0.16	0.43	-9.84	8.31	-0.03	-0.32	0.27
1.PTSD	5. 12mo Post-Treat	-1.35	4.45	-0.30	0.38	-10.09	7.40	-0.05	-0.35	0.25
2.IPV (SVAW)	1. Baseline	-0.01	0.08	-0.11	0.46	-0.17	0.15	-0.02	-0.31	0.28
2.IPV (SVAW)	2. Post-Shelter	-0.44	0.37	-1.20	0.12	-1.16	0.28	-0.18	-0.48	0.12
2.IPV (SVAW)	3. Post-Treat	0.96	0.50	1.93	0.03	-0.02	1.94	0.29	0.00	0.59
2.IPV (SVAW)	4. 6mo Post-Treat	0.57	0.57	1.00	0.16	-0.55	1.70	0.15	-0.15	0.45
2.IPV (SVAW)	5. 12mo Post-Treat	-0.50	0.65	-0.77	0.22	-1.78	0.78	-0.12	-0.42	0.18
3.IPV (PMWI)	1. Baseline	0.02	0.05	0.38	0.35	-0.08	0.12	0.06	-0.24	0.35
3.IPV (PMWI)	2. Post-Shelter	-0.12	0.24	-0.52	0.30	-0.58	0.34	-0.08	-0.38	0.22
3.IPV (PMWI)	3. Post-Treat	0.47	0.33	1.39	0.08	-0.19	1.12	0.21	-0.09	0.51
3.IPV (PMWI)	4. 6mo Post-Treat	0.19	0.35	0.54	0.29	-0.50	0.88	0.08	-0.22	0.38
3.IPV (PMWI)	5. 12mo Post-Treat	-0.16	0.37	-0.42	0.34	-0.89	0.57	-0.06	-0.36	0.23

A2: Group Differences in Model-Estimated Means by Outcome, continued

Outcome	Occasion	Estimate	SE	t Value	Pr > t 	Lower	Upper	dEst	dLower	dUpper
4. Depression	1. Baseline	0.51	1.91	0.27	0.40	-3.24	4.26	0.04	-0.26	0.34
4. Depression	2. Post-Shelter	-2.47	2.05	-1.21	0.11	-6.49	1.54	-0.18	-0.48	0.12
4. Depression	3. Post-Treat	-0.44	2.15	-0.20	0.42	-4.65	3.78	-0.03	-0.33	0.27
4. Depression	4. 6mo Post-Treat	1.47	2.19	0.67	0.25	-2.84	5.78	0.10	-0.20	0.40
4. Depression	5. 12mo Post-Treat	1.49	2.28	0.65	0.26	-2.98	5.96	0.10	-0.20	0.40
5. Empowerment	1. Baseline	1.40	4.10	0.34	0.37	-6.65	9.45	0.05	-0.25	0.35
5. Empowerment	2. Post-Shelter	3.51	4.06	0.87	0.19	-4.46	11.48	0.13	-0.17	0.43
5. Empowerment	3. Post-Treat	1.75	4.41	0.40	0.35	-6.91	10.40	0.06	-0.24	0.36
5. Empowerment	4. 6mo Post-Treat	3.00	4.61	0.65	0.26	-6.06	12.06	0.10	-0.20	0.40
5. Empowerment	5. 12mo Post-Treat	-5.66	4.63	-1.22	0.11	-14.77	3.44	-0.19	-0.49	0.11
6. PT Cognitions	1. Baseline	2.09	6.25	0.33	0.37	-10.19	14.36	0.05	-0.25	0.35
6. PT Cognitions	2. Post-Shelter	-0.57	6.47	-0.09	0.46	-13.29	12.14	-0.01	-0.31	0.29
6. PT Cognitions	3. Post-Treat	-7.65	6.41	-1.19	0.12	-20.24	4.94	-0.18	-0.48	0.12
6. PT Cognitions	4. 6mo Post-Treat	-9.44	7.33	-1.29	0.10	-23.84	4.95	-0.20	-0.50	0.10
6. PT Cognitions	5. 12mo Post-Treat	-2.30	7.16	-0.32	0.37	-16.35	11.76	-0.05	-0.35	0.25
7. Health-Related QOL	1. Baseline	-0.05	1.34	-0.04	0.48	-2.68	2.57	-0.01	-0.31	0.29
7. Health-Related QOL	2. Post-Shelter	3.11	1.50	2.07	0.02	0.17	6.05	0.32	0.02	0.62
7. Health-Related QOL	3. Post-Treat	2.46	1.54	1.59	0.06	-0.57	5.49	0.24	-0.06	0.54
7. Health-Related QOL	4. 6mo Post-Treat	1.94	1.77	1.09	0.14	-1.54	5.42	0.17	-0.13	0.47
7. Health-Related QOL	5. 12mo Post-Treat	-2.30	1.74	-1.32	0.09	-5.71	1.12	-0.20	-0.50	0.10

A3: Group Differences in Change from Baseline at Each Occasion by Outcome

Outcome	Occasion	Estimate	SE	t Value	Pr > t 	Lower	Upper	dEst	dLower	dUpper
1.PTSD	2. Post-Shelter	-2.59	3.92	-0.66	0.26	-10.29	5.11	-0.03	-0.11	0.06
1.PTSD	3. Post-Treat	-2.92	4.43	-0.66	0.26	-11.62	5.78	-0.03	-0.11	0.06
1.PTSD	4. 6mo Post-Treat	-4.95	4.64	-1.07	0.14	-14.07	4.17	-0.05	-0.13	0.04
1.PTSD	5. 12mo Post-Treat	-4.36	4.59	-0.95	0.17	-13.38	4.65	-0.04	-0.12	0.04
2.IPV (SVAW)	2. Post-Shelter	-0.43	0.36	-1.20	0.12	-1.13	0.27	-0.18	-0.48	0.11
2.IPV (SVAW)	3. Post-Treat	0.97	0.51	1.92	0.03	-0.02	1.96	0.29	-0.01	0.59
2.IPV (SVAW)	4. 6mo Post-Treat	0.58	0.57	1.01	0.16	-0.54	1.71	0.15	-0.14	0.45
2.IPV (SVAW)	5. 12mo Post-Treat	-0.49	0.66	-0.75	0.23	-1.79	0.80	-0.11	-0.41	0.18
3.IPV (PMWI)	2. Post-Shelter	-0.14	0.24	-0.60	0.27	-0.61	0.32	-0.09	-0.39	0.21
3.IPV (PMWI)	3. Post-Treat	0.45	0.34	1.32	0.09	-0.22	1.11	0.20	-0.10	0.50
3.IPV (PMWI)	4. 6mo Post-Treat	0.17	0.36	0.49	0.31	-0.52	0.87	0.07	-0.23	0.37
3.IPV (PMWI)	5. 12mo Post-Treat	-0.18	0.38	-0.47	0.32	-0.91	0.56	-0.07	-0.37	0.23

A3: Group Differences in Change from Baseline at Each Occasion by Outcome, continued

Outcome	Occasion	Estimate	SE	t Value	Pr > t 	Lower	Upper	dEst	dLower	dUpper
4.Depression	2. Post-Shelter	2.98	2.07	1.44	0.08	-1.08	7.04	0.06	-0.02	0.15
4.Depression	3. Post-Treat	0.94	2.34	0.40	0.34	-3.66	5.55	0.02	-0.07	0.10
4.Depression	4. 6mo Post-Treat	-0.97	2.47	-0.39	0.35	-5.83	3.90	-0.02	-0.10	0.07
4.Depression	5. 12mo Post-Treat	-0.98	2.58	-0.38	0.35	-6.06	4.10	-0.02	-0.10	0.07
5.Empowerment	2. Post-Shelter	-2.11	3.47	-0.61	0.27	-8.93	4.71	-0.03	-0.11	0.06
5.Empowerment	3. Post-Treat	-0.34	4.34	-0.08	0.47	-8.87	8.18	0.00	-0.09	0.08
5.Empowerment	4. 6mo Post-Treat	-1.59	4.46	-0.36	0.36	-10.36	7.17	-0.02	-0.10	0.07
5.Empowerment	5. 12mo Post-Treat	7.06	4.77	1.48	0.07	-2.31	16.44	0.06	-0.02	0.15
6.PT Cognitions	2. Post-Shelter	2.66	5.82	0.46	0.32	-8.77	14.09	0.02	-0.06	0.10
6.PT Cognitions	3. Post-Treat	9.73	6.82	1.43	0.08	-3.67	23.13	0.06	-0.02	0.14
6.PT Cognitions	4. 6mo Post-Treat	11.53	7.67	1.50	0.07	-3.53	26.59	0.06	-0.02	0.15
6.PT Cognitions	5. 12mo Post-Treat	4.38	7.56	0.58	0.28	-10.47	19.23	0.02	-0.06	0.11
7.Health-Related QOL	2. Post-Shelter	-3.16	1.61	-1.97	0.03	-6.32	-0.01	-0.08	-0.17	0.00
7.Health-Related QOL	3. Post-Treat	-2.51	1.72	-1.46	0.07	-5.90	0.87	-0.06	-0.15	0.02
7.Health-Related QOL	4. 6mo Post-Treat	-1.99	2.06	-0.97	0.17	-6.04	2.05	-0.04	-0.13	0.04
7.Health-Related QOL	5. 12mo Post-Treat	2.24	2.02	1.11	0.13	-1.73	6.22	0.05	-0.04	0.13

A4: Variance Components from Multivariate Normal Models by Outcome and Group

Outcome	Parameter (Row. Column)	0.PCT+		1.HOPE	
		Estimate	SE	Estimate	SE
1.PTSD	11. Baseline Variance	446.10	67.23	435.64	68.02
1.PTSD	21. Baseline Post-Shelter Cov	354.28	76.11	255.78	72.74
1.PTSD	22. Post-Shelter Variance	799.19	127.24	744.25	124.55
1.PTSD	31. Baseline Post-Shelter Cov	211.25	73.34	156.89	62.38
1.PTSD	32. Post-Shelter Post-Treat Cov	541.40	112.02	343.43	90.74
1.PTSD	33. Post-Treat Variance	838.97	135.68	524.48	94.45
1.PTSD	41. Baseline 6mo Post-Treat Cov	246.21	71.14	187.66	78.46
1.PTSD	42. Post-Shelter 6mo Post-Treat Cov	431.24	99.07	159.47	107.07
1.PTSD	43. Post-Treat 6mo Post-Treat Cov	484.23	105.11	274.74	92.43
1.PTSD	44. 6mo Post-Treat Variance	718.06	117.49	788.99	144.23
1.PTSD	51. Baseline 12mo Post-Treat Cov	205.00	73.97	182.71	69.07
1.PTSD	52. Post-Shelter 12mo Post-Treat Cov	417.59	103.88	179.22	92.28
1.PTSD	53. Post-Treat 12mo Post-Treat Cov	396.60	105.10	233.39	79.78
1.PTSD	54. 6mo Post-Treat 12mo Post-Treat Cov	411.96	99.81	420.66	104.29
1.PTSD	55. 12mo Post-Treat Variance	788.39	131.88	583.10	109.51
4.Depression	11. Baseline Variance	151.94	23.27	158.00	25.08
4.Depression	21. Baseline Post-Shelter Cov	91.24	19.52	64.79	21.83
4.Depression	22. Post-Shelter Variance	155.21	24.27	170.95	29.09
4.Depression	31. Baseline Post-Shelter Cov	69.62	19.58	51.33	22.74
4.Depression	32. Post-Shelter Post-Treat Cov	86.65	20.85	74.00	22.74
4.Depression	33. Post-Treat Variance	168.52	27.49	171.54	30.12
4.Depression	41. Baseline 6mo Post-Treat Cov	57.83	18.90	44.35	22.96
4.Depression	42. Post-Shelter 6mo Post-Treat Cov	68.25	19.90	68.45	23.20
4.Depression	43. Post-Treat 6mo Post-Treat Cov	97.75	22.29	88.55	24.79
4.Depression	44. 6mo Post-Treat Variance	162.14	26.78	174.49	32.07
4.Depression	51. Baseline 12mo Post-Treat Cov	45.77	19.56	47.53	23.17
4.Depression	52. Post-Shelter 12mo Post-Treat Cov	48.40	19.80	46.36	23.19
4.Depression	53. Post-Treat 12mo Post-Treat Cov	59.88	21.42	86.78	25.30
4.Depression	54. 6mo Post-Treat 12mo Post-Treat Cov	108.41	23.46	101.51	26.71
4.Depression	55. 12mo Post-Treat Variance	171.84	28.94	175.48	33.24

A4: Variance Components from Multivariate Normal Models by Outcome and Group, continued

Outcome	Parameter (Row. Column)	0.PCT+		1.HOPE	
		Estimate	SE	Estimate	SE
5.Empowerment	11. Baseline Variance	702.38	107.26	729.73	117.36
5.Empowerment	21. Baseline Post-Shelter Cov	574.42	98.36	351.67	91.82
5.Empowerment	22. Post-Shelter Variance	704.28	109.53	622.30	107.26
5.Empowerment	31. Baseline Post-Shelter Cov	372.46	92.47	378.60	106.20
5.Empowerment	32. Post-Shelter Post-Treat Cov	424.14	96.46	492.98	102.21
5.Empowerment	33. Post-Treat Variance	765.83	124.88	725.24	129.92
5.Empowerment	41. Baseline 6mo Post-Treat Cov	400.17	93.74	386.24	118.96
5.Empowerment	42. Post-Shelter 6mo Post-Treat Cov	460.57	98.43	444.94	104.71
5.Empowerment	43. Post-Treat 6mo Post-Treat Cov	519.66	107.07	552.01	122.52
5.Empowerment	44. 6mo Post-Treat Variance	767.37	126.57	801.09	152.94
5.Empowerment	51. Baseline 12mo Post-Treat Cov	299.22	89.95	368.32	113.02
5.Empowerment	52. Post-Shelter 12mo Post-Treat Cov	332.47	93.57	404.33	102.55
5.Empowerment	53. Post-Treat 12mo Post-Treat Cov	479.74	104.73	515.98	119.97
5.Empowerment	54. 6mo Post-Treat 12mo Post-Treat Cov	555.15	110.14	409.50	118.26
5.Empowerment	55. 12mo Post-Treat Variance	754.83	125.78	754.25	148.76
6.PT Cognitions	11. Baseline Variance	1537.17	234.74	1825.70	284.91
6.PT Cognitions	21. Baseline Post-Shelter Cov	857.64	197.11	1178.15	250.49
6.PT Cognitions	22. Post-Shelter Variance	1575.27	249.01	1777.42	301.31
6.PT Cognitions	31. Baseline Post-Shelter Cov	654.94	176.29	797.08	259.52
6.PT Cognitions	32. Post-Shelter Post-Treat Cov	661.26	176.76	1004.12	258.74
6.PT Cognitions	33. Post-Treat Variance	1238.96	203.15	1809.08	327.47
6.PT Cognitions	41. Baseline 6mo Post-Treat Cov	871.45	226.25	611.44	269.77
6.PT Cognitions	42. Post-Shelter 6mo Post-Treat Cov	829.27	221.08	1017.93	272.22
6.PT Cognitions	43. Post-Treat 6mo Post-Treat Cov	955.09	211.07	1145.68	281.94
6.PT Cognitions	44. 6mo Post-Treat Variance	1912.82	319.07	1972.18	357.92
6.PT Cognitions	51. Baseline 12mo Post-Treat Cov	619.12	214.83	811.51	264.75
6.PT Cognitions	52. Post-Shelter 12mo Post-Treat Cov	757.48	212.60	996.53	269.60
6.PT Cognitions	53. Post-Treat 12mo Post-Treat Cov	569.96	182.35	1113.33	280.09
6.PT Cognitions	54. 6mo Post-Treat 12mo Post-Treat Cov	1215.64	256.78	1142.74	291.03
6.PT Cognitions	55. 12mo Post-Treat Variance	1683.39	286.17	1863.37	351.56

A4: Variance Components from Multivariate Normal Models by Outcome and Group, continued

Outcome	Parameter (Row. Column)	0.PCT+		1.HOPE	
		Estimate	SE	Estimate	SE
7.Health-Related QOL	11. Baseline Variance	62.74	9.74	83.14	13.49
7.Health-Related QOL	21. Baseline Post-Shelter Cov	28.63	9.22	33.50	10.68
7.Health-Related QOL	22. Post-Shelter Variance	90.72	14.53	83.79	14.00
7.Health-Related QOL	31. Baseline Post-Shelter Cov	18.59	9.05	32.32	11.19
7.Health-Related QOL	32. Post-Shelter Post-Treat Cov	43.26	11.23	41.66	11.69
7.Health-Related QOL	33. Post-Treat Variance	85.73	13.97	88.54	15.57
7.Health-Related QOL	41. Baseline 6mo Post-Treat Cov	14.62	10.26	15.31	12.52
7.Health-Related QOL	42. Post-Shelter 6mo Post-Treat Cov	41.66	12.55	41.98	13.02
7.Health-Related QOL	43. Post-Treat 6mo Post-Treat Cov	46.83	12.79	54.12	14.36
7.Health-Related QOL	44. 6mo Post-Treat Variance	111.16	18.30	110.31	19.96
7.Health-Related QOL	51. Baseline 12mo Post-Treat Cov	20.83	9.56	9.94	12.56
7.Health-Related QOL	52. Post-Shelter 12mo Post-Treat Cov	18.89	10.63	19.67	12.56
7.Health-Related QOL	53. Post-Treat 12mo Post-Treat Cov	40.19	11.81	30.90	13.46
7.Health-Related QOL	54. 6mo Post-Treat 12mo Post-Treat Cov	43.23	12.92	61.92	16.52
7.Health-Related QOL	55. 12mo Post-Treat Variance	86.82	15.38	109.24	20.62

A5: Variance-Related Parameters from Random Intercept Negative Binomial Models by Outcome and Group

Outcome	Group	Occasion Scale Parameter	Estimate	SE	Lower	Upper
2.IPV (SVAW)	0.PCT+	1. Baseline	0.48	0.13	0.23	0.73
2.IPV (SVAW)	0.PCT+	2. Post-Shelter	6.64	1.25	4.18	9.10
2.IPV (SVAW)	0.PCT+	3. Post-Treat	15.53	4.96	5.80	25.25
2.IPV (SVAW)	0.PCT+	4. 6mo Post-Treat	12.61	3.49	5.77	19.45
2.IPV (SVAW)	0.PCT+	5. 12mo Post-Treat	17.61	5.00	7.80	27.42
2.IPV (SVAW)	1.HOPE	1. Baseline	0.46	0.12	0.23	0.69
2.IPV (SVAW)	1.HOPE	2. Post-Shelter	6.68	1.50	3.74	9.63
2.IPV (SVAW)	1.HOPE	3. Post-Treat	10.29	2.92	4.58	16.00
2.IPV (SVAW)	1.HOPE	4. 6mo Post-Treat	14.68	4.30	6.24	23.11
2.IPV (SVAW)	1.HOPE	5. 12mo Post-Treat	16.62	5.84	5.18	28.06
3.IPV (PMWI)	0.PCT+	1. Baseline	0.15	0.06	0.04	0.27
3.IPV (PMWI)	0.PCT+	2. Post-Shelter	6.17	1.27	3.67	8.67
3.IPV (PMWI)	0.PCT+	3. Post-Treat	13.78	3.55	6.82	20.73
3.IPV (PMWI)	0.PCT+	4. 6mo Post-Treat	10.13	2.46	5.31	14.96
3.IPV (PMWI)	0.PCT+	5. 12mo Post-Treat	8.67	2.06	4.64	12.70
3.IPV (PMWI)	1.HOPE	1. Baseline	0.18	0.10	-0.01	0.38
3.IPV (PMWI)	1.HOPE	2. Post-Shelter	5.38	1.16	3.10	7.66
3.IPV (PMWI)	1.HOPE	3. Post-Treat	6.86	1.67	3.59	10.12
3.IPV (PMWI)	1.HOPE	4. 6mo Post-Treat	7.71	1.86	4.07	11.35
3.IPV (PMWI)	1.HOPE	5. 12mo Post-Treat	11.94	3.39	5.30	18.59
2.IPV (SVAW)		Random Intercept Variance	5.87E-06	2.07E-06		
3.IPV (PMWI)		Random Intercept Variance	1.47E-06	5.74E-07		

A6: SAS GLIMMIX Syntax for Multivariate Normal Models

```
TITLE "Multivariate Normal Models";
PROC GLIMMIX DATA=&datafile. NOCLPRINT NOITPRINT METHOD=RSPL EMPIRICAL GRADIENT;
  WHERE DVn IN(1,4,5,6,7); * DVn is numeric index for outcome;
  BY DVn outcome;
  CLASS therapy occasion subjectID;
  MODEL y = occasion| therapy / SOLUTION CL LINK=IDENTITY DIST=NORMAL DDFM=BW;
  LSMEANS occasion* therapy / DIFF=ALL CL OBSMARGINS;
  RANDOM occasion / RESIDUAL TYPE=UN SUBJECT=subjectID GROUP=therapy;
  ESTIMATE "Group Diff in P1 to P2" occasion*therapy -1 1 0 0 0 1 -1 0 0 0 / CL;
  ESTIMATE "Group Diff in P1 to P3" occasion*therapy -1 0 1 0 0 1 0 -1 0 0 / CL;
  ESTIMATE "Group Diff in P1 to P5" occasion*therapy -1 0 0 1 0 1 0 0 -1 0 / CL;
  ESTIMATE "Group Diff in P1 to P7" occasion*therapy -1 0 0 0 1 1 0 0 0 -1 / CL;
  ODS OUTPUT CovParms=work.Cov Estimates=work.Est
              LSmeans=work.LSm Diffs=work.Dif Tests3=work.Ftest;
RUN; TITLE;
```

A7: Mplus Syntax for Random Intercept Negative Binomial Models

```
TITLE:  DV2: 2.IPV (SVAW)
DATA:   FILE = DVall.csv;           ! Can just list file name if in same folder;
        FORMAT = free;              ! FREE (default) or FIXED format;
        TYPE = individual;          ! Individual (default) or matrix data as input;

VARIABLE:
! List of ALL variables in original wide data file, in order;
  NAMES ARE ID therapy DV1_1-DV1_5 DV2_1-DV2_5 DV3_1-DV3_5
           DV4_1-DV4_5 DV5_1-DV5_5 DV6_1-DV6_5 DV7_1-DV7_5;
! List of ALL variables used in model;
  USEVARIABLES ARE therapy DV2_1-DV2_5;
! Missing data codes (here, -999);
  MISSING ARE ALL (-999);
! Distribution;
  COUNT ARE DV2_1-DV2_5 (NB);
! Grouping;
  CLASSES = group(2);
  KNOWNCLASS = group(therapy=0 1);

ANALYSIS: ESTIMATOR = MLR; ! Full information robust ML estimator
          TYPE = MIXTURE; ALGORITHM = INTEGRATION; ! For multiple group analysis

OUTPUT:   CINTERVAL;              ! Print confidence intervals;
SAVEDATA: Results=DV2parms.out;    ! Save results to >3 digits;

MODEL:
%OVERALL%
RandInt BY DV2_1-DV2_5@1; ! Define common random intercept with fixed intercept=0
[RandInt@0];

%group#1% ! PCT+ Group
RandInt* (IntVar);          ! Random intercept variance
[DV2_1-DV2_5*]              (Cint1-Cint5); ! Per-occasion intercepts
DV2_1-DV2_5*                (Cdis1-Cdis5); ! Per-occasion scale dispersion factors

%group#2% ! HOPE group
RandInt* (IntVar);          ! Random intercept variance
[DV2_1-DV2_5*]              (Tint1-Tint5); ! Per-occasion intercepts
DV2_1-DV2_5*                (Tdis1-Tdis5); ! Per-occasion scale dispersion factors
```

A7: Mplus Syntax for Random Intercept Negative Binomial Models, continued

```
MODEL CONSTRAINT:
NEW (Ccount1-Ccount5 Tcount1-Tcount5);
Ccount1=EXP(Cint1); ! Expected counts per occasion and group;
Ccount2=EXP(Cint2);
Ccount3=EXP(Cint3);
Ccount4=EXP(Cint4);
Ccount5=EXP(Cint5);

Tcount1=EXP(Tint1);
Tcount2=EXP(Tint2);
Tcount3=EXP(Tint3);
Tcount4=EXP(Tint4);
Tcount5=EXP(Tint5);

NEW (Grp1-Grp5 SlpC12-SlpC15 SlpT12-SlpT15 x12-x15);
Grp1 = Tint1-Cint1;      ! Group differences per occasion;
Grp2 = Tint2-Cint2;
Grp3 = Tint3-Cint3;
Grp4 = Tint4-Cint4;
Grp5 = Tint5-Cint5;

SlpC12 = Cint2-Cint1;   ! Changes from baseline per group;
SlpC13 = Cint3-Cint1;
SlpC14 = Cint4-Cint1;
SlpC15 = Cint5-Cint1;

SlpT12 = Tint2-Tint1;
SlpT13 = Tint3-Tint1;
SlpT14 = Tint4-Tint1;
SlpT15 = Tint5-Tint1;

x12 = SlpT12 - SlpC12;  ! Group differences in change from baseline per occasion;
x13 = SlpT13 - SlpC13;
x14 = SlpT14 - SlpC14;
x15 = SlpT15 - SlpC15;
```