

eTable 1. Sensitivity analyses for ISI outcome results by treatment condition

	Insomnia Severity Index	CBT-I		MEC		Difference	p-value*
		n	Mean (95% CI)	n	Mean (95% CI)	Mean (95% CI)	
Primary analysis	Baseline	53	15.6 (14.8, 16.4)	53	16.8 (15.8, 17.9)	-1.2 (-2.6, 0.1)	
	Week 8 - baseline	47	-9.9 (-11.2, -8.7)	41	-4.7 (-6.1, -3.3)	-5.2 (-6.1, -3.3)	<0.001
	Week 24 - baseline	44	-10.7 (-11.9, -9.4)	37	-6.7 (-8.4, -5.0)	-4.0 (-6.0, -1.9)	<0.001
Excluding outcome data received > 4 weeks past due	Baseline	46	15.7 (14.8, 16.5)	36	15.8 (14.6, 17.0)	-0.1 (-1.6, 1.3)	
	Week 8 - baseline	43	-10.2 (-11.5, -8.8)	33	-5.1 (-6.6, -3.5)	-5.1 (-7.1, -3.1)	<0.001
	Week 24 - baseline	33	-11.0 (-12.6, -9.4)	25	-7.0 (-9.4, -4.6)	-4.0 (-6.7, -1.3)	0.002
Multiple imputation based on observed MEC data	Baseline	53	15.6 (14.8, 16.4)	53	16.8 (15.8, 17.9)	-1.2 (-2.6, 0.1)	
	Week 8 - baseline	53	-9.4 (-11.1, -7.8)	53	-5.7 (-8.3, -3.2)	-3.7 (-6.7, -0.7)	0.01

	Week 24 - baseline	53	-10.1 (-12.6, -7.5)	53	-6.5 (-10.1, -2.8)	-3.6 (-8.2, 0.9)	0.02
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eTable2. Sensitivity analyses for PSQI outcome results by treatment condition

	Insomnia Severity Index	CBT-I		MEC		Difference	p-value*
		n	Mean (95% CI)	n	Mean (95% CI)	Mean (95% CI)	
Primary analysis	Baseline	51	8.9 (8.2, 9.6)	53	9.4 (8.6, 10.3)	0.5 (-1.6, 0.6)	
	Week 8 - baseline	47	-4.0 (-5.0, -3.1)	41	-1.4 (-2.1, -0.7)	-2.7 (-3.9, -1.5)	<0.001
	Week 24 - baseline	44	-4.3 (-5.1, -3.5)	38	-2.7 (-3.5, -1.9)	-1.6 (-2.7, -0.5)	<0.001
Excluding outcome data received > 4 weeks past due	Baseline	45	8.9 (8.2, 9.6)	36	8.8 (7.9, 9.7)	0.1 (-1.0, 1.2)	
	Week 8 - baseline	44	-4.2 (-5.2, -3.2)	34	-1.5 (-2.3, -0.7)	-2.7 (-3.9, -1.4)	<0.001
	Week 24 - baseline	33	-4.5 (-5.4, -3.6)	25	-3.2 (-4.1, -2.2)	-1.3 (-2.7, 0.0)	0.02
Multiple imputation based on observed MEC data	Baseline	53	9.0 (8.3, 9.7)	53	9.4 (8.6, 10.3)	-0.4 (-1.5, 0.7)	
	Week 8 - baseline	53	-3.8 (-4.8, -2.7)	53	-1.6 (-2.8, -0.4)	-2.2 (-3.8, -0.6)	0.003
	Week 24 - baseline	53	-4.2 (-5.5, -2.8)	53	-3.3 (-5.2, -1.5)	-0.8 (-3.2, 1.5)	0.27

CBT-I = Cognitive Behavior Therapy for Insomnia; MEC = Menopause Education Condition

*p-values from contrasts of CBTI vs. MEC in a repeated measures linear model of outcome as a function of intervention arm, week (8, 24), and baseline outcome value.