

Figure caption.

Figure S2. Mean eigenvariate values for veterans with PTSD and veterans without PTSD during (A) wakefulness and (B) REM sleep for selected brain regions where veterans with PTSD (grey bars) showed greater relative rCMRglc compared to veterans without PTSD (Non-PTSD; black bars). Error bars represent standard deviations.

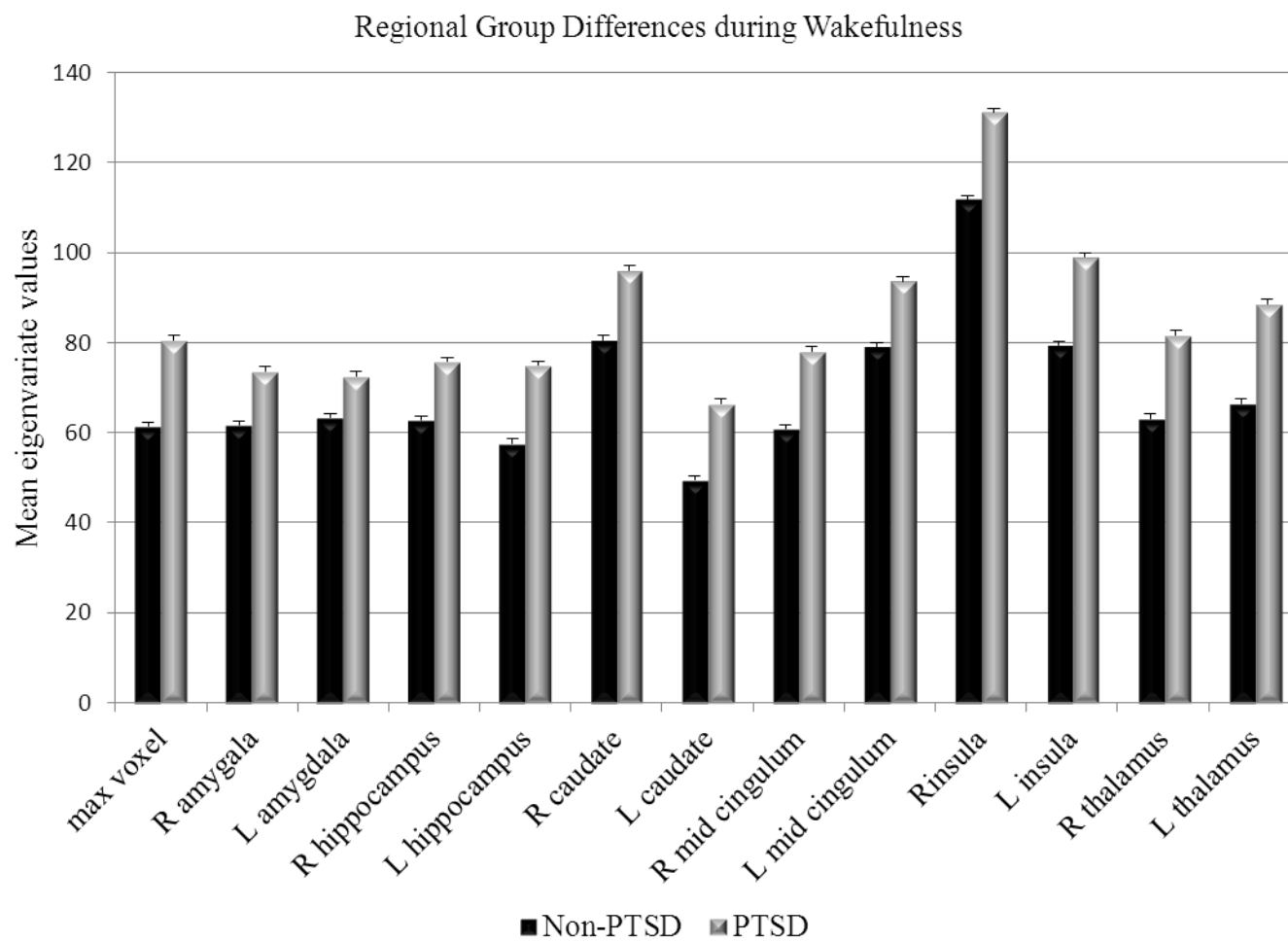
Figure S3. Render images depicting brain regions where veterans with PTSD showed lower relative rCMRglc than control veterans without PTSD (CTL) during wakefulness (a) and rapid-eye movement (REM) sleep (b). Statistical maxima were identified in MNI (x, y, z) coordinates. The alpha level for significance was set at 0.05, with family-wise error (FWE) correction for multiple comparisons.

Supplementary Table 1. Mean self-report and polysomnographic (PSG) sleep measures for the two groups of combat-exposed military veterans on the baseline night.

	Veterans with PTSD		Veterans without PTSD		Statistics	Cohen's <i>d</i> Effect Size
	(n = 6)		(n = 6)			
	Mean	SD	Mean	SD	<i>t</i> (10)	
PTSD Severity						
Clinician Administered PTSD Scale	48.70	18.30	11.20	11.70	4.24 [§]	2.44
Self-report sleep measures						
Pittsburgh Sleep Quality Index	9.50	3.70	2.30	1.60	4.37 [§]	2.53
PSQI Addendum for PTSD	3.00	2.00	0.80	1.60	2.07 [§]	1.21
PSG sleep measures						
Sleep latency* (min)	14.17	4.02	13.72	11.78	0.09	0.05
Wake time after sleep onset* (min)	29.89	23.99	21.28	10.96	0.80	0.46
Total sleep time (min)	430.34	38.33	392.22	38.18	1.73	-0.99
Sleep efficiency* (%)	91.01	4.24	91.70	4.56	0.27	0.15
% Slow wave sleep*	5.36	3.00	10.68	9.55	1.03 [‡]	0.75
% REM Sleep	30.06	4.95	22.09	5.35	2.68 [§]	1.55
REM latency*	74.39	22.86	105.83	68.69	1.06	0.61
REM density	11.41	4.57	6.50	3.43	2.11 [‡]	1.22
* Data normalized for analysis	[§] <i>p</i> < .05		[‡] <i>p</i> < .10			

Figure S2.

(A)



(B)

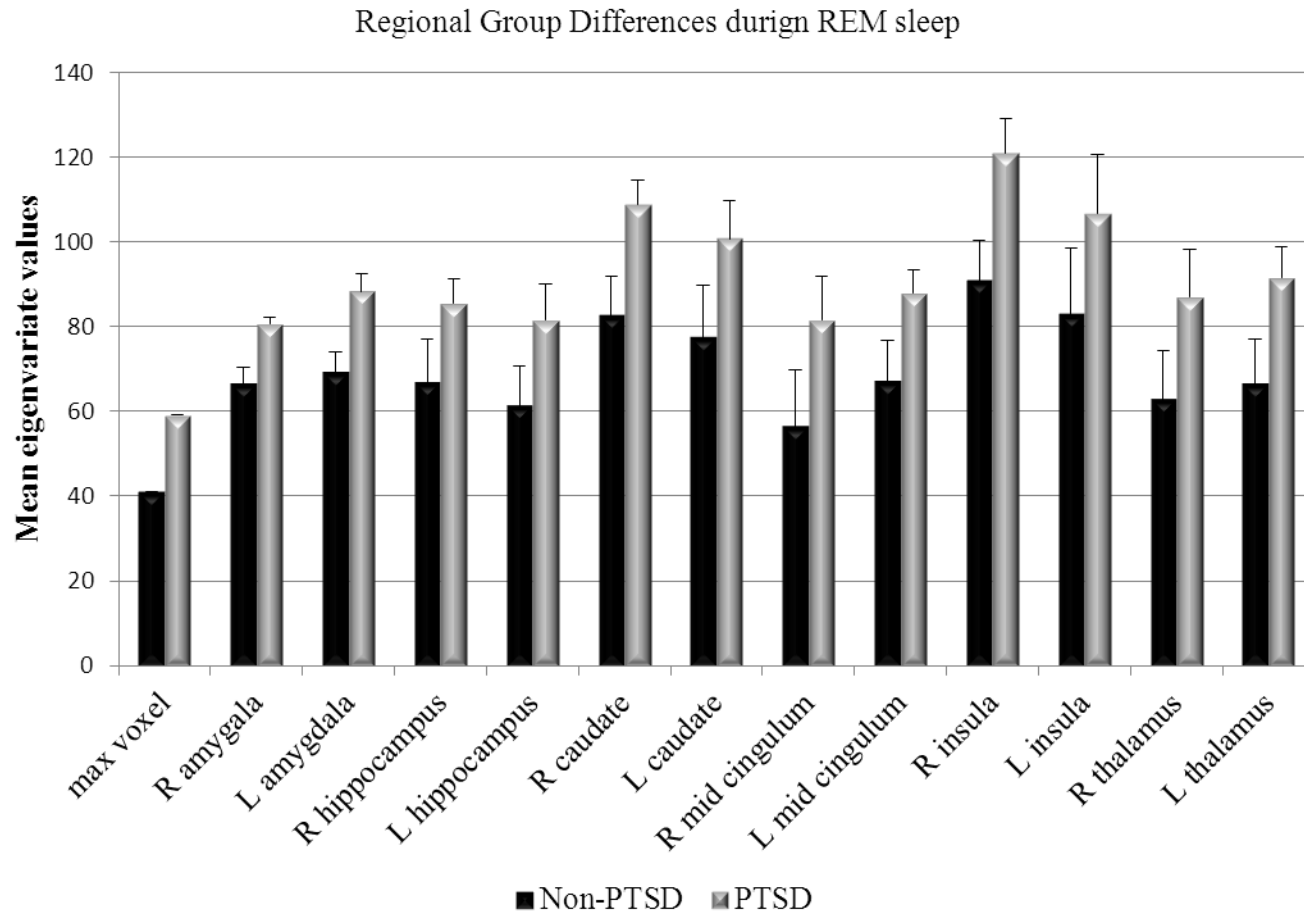


Figure S2.

