

Supplemental Table 1. Spearman correlations of the selected RAR variables with clinical outcomes in the winter among SAD participants

	Hamilton Rating Scale for Depression			Global Seasonality Scale			Chalder Fatigue Scale		
	n	r	p-value	n	r	p-value	n	r	p-value
Change in IV	19	-0.13	0.59	19	-0.44	0.06	18	-0.60	0.009
Winter IV	35	0.22	0.21	35	0.16	0.35	34	0.04	0.80
Winter down-mesor	35	0.06	0.75	35	0.42	0.01	34	-0.22	0.22
Change in down-mesor	19	0.11	0.63	19	-0.14	0.57	18	-0.33	0.17
Winter alpha	35	-0.30	0.08	35	-0.09	0.61	34	-0.12	0.49

Supplemental Table 2. Spearman correlations of the selected RAR variables with clinical outcomes in the winter among control participants

	Hamilton Rating Scale for Depression			Global Seasonality Scale			Chalder Fatigue Scale		
	n	r	p-value	n	r	p-value	n	r	p-value
Change in IV	26	-0.09	0.66	26	0.03	0.87	23	-0.04	0.87
Winter IV	49	0.01	0.96	49	0.04	0.81	46	-0.12	0.44
Winter down-mesor	49	-0.16	0.27	49	-0.31	0.03	46	-0.46	0.001
Change in down-mesor	26	0.01	0.97	26	-0.27	0.18	23	0.12	0.57
Winter alpha	49	-0.04	0.78	49	0.25	0.08	46	0.15	0.33