

Supplemental Materials for

The Relationship between Fatigue and Actigraphy-Derived Sleep and Rest-Activity Patterns in Cancer Survivors

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Listing of Supplemental Material(s):

Supplemental Table 1: Correlation between sleep and rest-activity cycle parameters, Functional Assessment of Chronic Illness Therapy-Fatigue Scale (FACIT-F)

Supplemental Table 2: Correlation between sleep estimated parameters and Insomnia Severity Index (ISI).

Supplemental Table 1 : Correlation between sleep and rest-activity cycle parameters, Functional Assessment of Chronic Illness Therapy-Fatigue Scale (FACIT-F)

	FACIT-F		
	Pearson	Sig.	N
TST	0,042	0,696	87
WASO	-,275	0,010	87
SE	,258 ^b	0,016	87
SOL ^{np}	-,305 ^b	0,004	87
FI	-0,164	0,130	87
Index activity wake %	0,040	0,712	87
Index activity sleep %	-,385 ^a	0,000	87
Mean wake Actigraphy	0,092	0,396	87
Mean Sleep Actigraphy ^{np}	-,392 ^a	0,001	87
Amplitude (RA) ^{np}	,313 ^a	0,003	87
Peak time	-,323 ^a	0,002	87
IS (stability)	0,168	0,120	87
IV (variability)	0,015	0,889	87
Bed time	-,263 ^b	0,014	87
Wake-up time	-,282 ^a	0,008	87

^a Correlation is significant at 0,01 level (bilateral).

^b Correlation is significant at 0,05 level (bilateral).

^{np} indicate non parametric spearman correlation test

Supplemental Table 2: Correlation between sleep estimated parameters and Insomnia Severity Index (ISI).

	ISI		
	Pearson	Sig.	N
FACIT-F	-,560 ^a	0,000	66
TST	-0,076	0,546	66
WASO	0,242	0,051	66
SE	-,336 ^a	0,006	66
SOL ^{np}	,303 ^a	0,013	66
FI	0,064	0,608	66

^a Correlation is significant at 0,01 level (bilateral).

^b Correlation is significant at 0,05 level (bilateral).

^{np} indicate non parametric spearman correlation test