

Supplementary Table S2 Multiple linear regression for symptom clusters ($N = 207$)

Variable	<i>B</i>	<i>SE</i>	β	<i>t</i>	<i>P</i>	<i>Tolerance</i>	<i>VIF</i>
Gastrointestinal symptom cluster							
Constant	-0.509	0.224	-	-2.271	0.024	-	-
Chemotherapy cycles	0.635	0.097	0.399	6.545	< 0.001	0.873	1.145
Time since diagnosis	0.444	0.098	0.270	4.512	< 0.001	0.910	1.099
Nutritional risk screening 2002	0.120	0.047	0.148	2.532	0.012	0.957	1.045
Psychological symptom cluster							
Constant	1.116	0.434	-	2.571	0.011	-	-
AJCC Stage	0.459	0.156	0.197	2.935	0.004	0.993	1.007
Tumor location	-0.387	0.186	-0.141	-2.081	0.039	0.983	1.018
Comorbid chronic diseases history	0.462	0.181	0.172	2.546	0.012	0.986	1.014
Physiological energy depletion symptom cluster							
Constant	4.348	0.864	-	5.033	< 0.001	-	-
Comorbid chronic diseases history	0.584	0.160	0.235	3.655	<0 .001	0.992	1.008
KPS score	-0.039	0.010	-0.251	-3.842	<0 .001	0.962	1.039
Smoking history	0.465	0.194	0.156	2.397	0.017	0.968	1.033
Neuromuscular symptom cluster							
Constant	0.492	0.179	-	2.748	0.007	-	-
Alcohol consumption history	0.770	0.144	0.346	5.341	<0 .001	0.998	1.002
Chemotherapy cycles	0.260	0.094	0.180	2.780	0.006	0.998	1.002
Body image disturbance symptom cluster							
Constant	2.472	0.247	-	10.019	< 0.001	-	-
Education level	-0.378	0.082	-0.303	-4.626	<0 .001	0.987	1.013
Primary caregiver	-0.292	0.078	-0.245	-3.743	< 0.001	0.987	1.013

Note: Model: Gastrointestinal symptom cluster: $D-W=2.009$, $R^2=0.341$, adjusted $R^2=0.331$.

Psychological symptom cluster: $D-W=1.839$, $R^2=0.090$, adjusted $R^2=0.076$. Physiological energy depletion symptom cluster: $D-W=1.862$, $R^2=0.169$, adjusted $R^2=0.157$. Neuromuscular symptom cluster: $D-W=2.141$, $R^2=0.147$, adjusted $R^2=0.138$. Body image disturbance symptom cluster: $D-W=1.955$, $R^2=0.135$, adjusted $R^2=0.127$.