

Table S1. Cox Proportional Hazards Model for Overall Survival Duration and CES-D Depression (Categorical)

Effect	Full model				Reduced model			
	HR	95% LB	95% UB	<i>p</i> value	HR	95% LB	95% UB	<i>p</i> value
Age	1.0	0.9	1.1	0.9				
Female	0.8	0.2	4.1	0.8				
Chemotherapy (referent: none/neoadjuvant)								
Concurrent only	1.8	0.4	7.8	0.4				
Neoadjuvant and concurrent	1.7	0.4	8.1	0.5				
Excessive alcohol use	3.6	0.4	34.9	0.3				
Smoking status (referent: never)								
Former	1.5	0.4	6.2	0.5				
Recent	2.9	0.3	32.6	0.4				
Current	3.6	0.9	14.9	0.1				
Tumor size (referent: not T4/N3/N2c)								
Any N3/N2c	2.1	0.5	9.2	0.3				
Any T4	1.0	0.2	4.5	0.9				
Total comorbidities	1.2	0.8	2.0	0.4	1.4	1.0	2.0	0.054
CESD Depression								
(categorical)	2.4	0.7	7.7	0.1	2.5	0.9	7.6	0.1

HR, hazard ratio; UB, upper bound; LB, lower bound. Boldface indicates statistical significance.

Table S2. Cox Proportional Hazards Model for Overall Survival Duration and CES-D Depression (Continuous)

Effect	Full model				Reduced model			
	HR	95% LB	95% UB	<i>p</i> value	HR	95% LB	95% UB	<i>p</i> value
Age	1.0	0.9	1.1	0.9				
Female	0.7	0.1	3.9	0.7				
Chemotherapy (referent: none/neoadjuvant)								
Concurrent only	1.5	0.3	6.5	0.6				
Neoadjuvant and concurrent	2.0	0.4	9.6	0.4				
Excessive alcohol use	3.2	0.3	31.1	0.3				
Smoking status (referent: never)								
Former	1.4	0.4	5.6	0.6				
Recent	2.7	0.3	29.7	0.4				
Current	3.2	0.8	13.3	0.1				
Tumor size (referent: not T4/N3/N2c)								
Any N3/N2c	2.1	0.5	9.3	0.3				
Any T4	1.2	0.3	5.3	0.8				
Total comorbidities	1.3	0.8	2.1	0.3	1.5	1.0	2.1	0.041
CESD Depression (continuous)	1.1	1.0	1.2	0.1	1.1	1.0	1.1	0.1

HR, hazard ratio; UB, upper bound; LB, lower bound. Boldface indicates statistical significance.

Table S3. Cox Proportional Hazards Model for Time to Recurrence and CES-D Depression (Categorical)

Effect	Full model				Reduced model			
	HR	95% LB	95% UB	p value	HR	95% LB	95% UB	p value
Age	1.0	1.0	1.1	0.3				
Female	0.4	0.1	3.7	0.4				
Chemotherapy (referent: none/neoadjuvant)								
Concurrent only	1.3	0.3	5.8	0.8				
Neoadjuvant and concurrent	0.4	0.0	4.2	0.5				
Excessive alcohol use	2.8	0.3	30.1	0.4				
Total comorbidities	0.9	0.4	1.6	0.6				
Tumor size (referent: not T4/N3/N2c)								
Any N3/N2c	2.9	0.7	12.6	0.2				
Any T4	1.4	0.2	8.7	0.7				
Never/former/recent smoker								
(referent: current smoker)	0.3	0.1	1.1	0.06	0.3	0.1	0.9	0.026
CESD Depression								
(categorical)	4.9	1.4	17.3	0.014	3.7	1.2	11.9	0.025

HR, hazard ratio; UB, upper bound; LB, lower bound. Boldface indicates statistical significance.

Table S4. Cox Proportional Hazards Model for Time to Recurrence and CES-D Depression (Continuous)

Effect	Full model				Reduced model			
	HR	95% LB	95% UB	p value	HR	95% LB	95% UB	p value
Age	1.0	1.0	1.1	0.3				
Female	0.3	0.0	2.7	0.3				
Chemotherapy (referent: none/neoadjuvant)								
Concurrent only	1.1	0.2	5.3	0.9				
Neoadjuvant and concurrent	0.6	0.1	6.3	0.7				
Excessive alcohol use	3.0	0.3	29.2	0.4				
Total comorbidities	0.9	0.4	1.6	0.6				
Tumor size (referent: not T4/N3/N2c)								
Any N3/N2c	3.1	0.7	13.8	0.1				
Any T4	1.3	0.2	7.9	0.8				
Never/former/recent smoker								
(referent: current smoker)	0.3	0.1	1.0	0.052	0.3	0.1	0.8	0.020
CESD Depression								
(continuous)	1.1	1.0	1.2	0.020	1.1	1.0	1.2	0.037

HR, hazard ratio; UB, upper bound; LB, lower bound. Boldface indicates statistical significance.