Supplementary Table 5. The hazard ratios with 95% confidence intervals for *F nucleatum*, for each chemotherapy status, based on multivariate Cox model and propensity based methods.

Chemotherapy='Yes'			
Not adjusting for tumor stage	**Method for propensity score**	**HR (95% CI)**	**p-value**
Multivariate Cox model		1.92 (1.07-3.45)	0.029
Model 1: Cox model stratified by categorized propensity score	Logistic	1.88 (1.04-3.39)	0.037
	CBPS	1.93 (1.11-3.36)	0.019
	GBM	1.89 (1.04-3.44)	0.036
Model 2: Cox model with categorized propensity score as a covariate	Logistic	1.84 (1.01-3.37)	0.047
	CBPS	1.87 (1.06-3.28)	0.031
	GBM	1.85 (1.00-3.40)	0.049
Adjusting for tumor stage	**Method for propensity score**	**HR (95% CI)**	**p-value**
Multivariate Cox model		1.67 (0.84-3.33)	0.143
Model 1: Cox model stratified by categorized propensity score	Logistic	1.79 (0.90-3.57)	0.097
	CBPS	1.67 (0.84-3.31)	0.144
	GBM	1.56 (0.77-3.16)	0.214
Model 2: Cox model with categorized propensity score as a covariate	Logistic	1.76 (0.87-3.54)	0.115
	CBPS	1.65 (0.82-3.29)	0.159
	GBM	1.55 (0.76-3.17)	0.227
Chemotherapy='No'			
Not adjusting for tumor stage	**Method for propensity score**	**HR (95% CI)**	**p-value**
Multivariate Cox model		0.42 (0.05-3.16)	0.397
Model 1: Cox model stratified by categorized propensity score	Logistic	0.32 (0.02-4.18)	0.386
	CBPS	0.36 (0.03-4.54)	0.432
	GBM	0.41 (0.03-5.08)	0.491
Model 2: Cox model with categorized propensity score as a covariate	Logistic	0.31 (0.02-4.13)	0.378
	CBPS	0.35 (0.03-4.48)	0.422
	GBM	0.40 (0.03-4.94)	0.472
Adjusting for tumor stage	**Method for propensity score**	**HR (95% CI)**	**p-value**
Multivariate Cox model		0.32 (0.04-2.58)	0.285
Model 1: Cox model stratified by categorized propensity score	Logistic	0.31 (0.03-3.75)	0.357
	CBPS	0.40 (0.03-4.62)	0.463
	GBM	0.65 (0.05-8.44)	0.741
Model 2: Cox model with categorized propensity score as a covariate	Logistic	0.31 (0.03-3.79)	0.359
	CBPS	0.41 (0.03-4.80)	0.475
	GBM	0.65 (0.05-8.67)	0.747