

Supplementary Table 1. Sensitivity landmark analysis representing the associations of regular recreational physical activity during and after treatment with mortality in the DELCaP study

RPA Exposure Window Assessed*	Parameterization of Recreational Physical Activity [§]		All-cause Mortality		
			HR [¶]	95% Confidence Interval	
				CI lower	CI upper
Q2	Any regular, weekly RPA	No Yes	Ref 0.64	0.47	0.86
	Meet the minimum PAGAs	No Yes	Ref 0.56	0.39	0.80
	Incremental activity categories (PAGAs)	No weekly RPA Low weekly activity Moderate activity High activity	Ref 0.83 0.49 0.57	0.55 0.27 0.36	1.25 0.87 0.88
Q3	Any regular, weekly RPA	No Yes	Ref 0.56	0.39	0.81
	Meet the minimum PAGAs	No Yes	Ref 0.64	0.43	0.96
	Incremental activity categories (PAGAs)	No weekly RPA Low weekly activity Moderate activity High activity	Ref 0.53 0.58 0.58	0.29 0.30 0.36	0.96 1.11 0.95
Q4	Any regular, weekly RPA	No Yes	Ref 0.61	0.37	1.02
	Meet the minimum PAGAs	No Yes	Ref 0.60	0.31	1.12
	Incremental activity categories (PAGAs)	No weekly RPA Low weekly activity Moderate activity High activity	Ref 0.69 0.57 0.57	0.33 0.20 0.26	1.47 1.57 1.26

*Q2 was administered at treatment completion and represents RPA performed during chemotherapy; Q3 was administered one year after study enrollment and assessed RPA performed in previous 12 months; Q4 was administered two years after study enrollment and assessed RPA performed in previous 12 months

[§]METs are expressed as average MET hours per week; Any regular, weekly RPA (yes/no) denotes at least one session per week throughout the exposure window assessed; Meeting the minimum PAGAs (yes/no) uses <8.3 MET hours per week as the cut-off for no; ≥8.3 for yes.

[¶]Multivariable hazard models are adjusted for age and stratified by treatment arm