

Supplemental Tables

Table S1. Summary of General Additive Models (GAM) Splines for Social Support by SES Group

	Outcome variable	Effect	Model R^2 (adj)	SES group	<i>edf</i>	<i>p</i> -value
Overall	Psychological distress (GHQ-12)	Overall	.07	high	1.78	< .001
				low	1.25	< .001
	Mental well-being (WHO-5)	Overall	.07	high	1.00	< .001
				low	1.02	< .001
	Depression (GHQ-8)	Overall	.03	high	1.67	.003
				low	1.00	.006
By gender	Psychological distress (GHQ-12)	Males	.07	high	2.68	.036
				low	1.00	< .001
		Females		high	1.00	< .001
				low	1.81	< .001
	Mental well-being (WHO-5)	Males	.08	high	1.00	< .001
				low	1.61	.005
		Females		high	1.01	< .001
				low	1.00	< .001
	Depression (GHQ-8)	Males	.04	high	1.66	.003
				low	1.00	.025
		Females		high	1.00	.080
				low	1.00	.063
By age	Psychological distress (GHQ-12)	< 65	.07	high	2.17	.018
				low	1.61	< .001
		≥ 65		high	1.00	< .001
				low	1.00	< .001
	Mental well-being (WHO-5)	< 65	.07	high	1.00	< .001
				low	1.00	< .001
		≥ 65		high	1.00	< .001
				low	1.00	< .001
	Depression (GHQ-8)	< 65	.03	high	1.00	.019
				low	1.00	< .001
		≥ 65		high	1.43	.031
				low	1.01	.363

Supplemental materials for Petrova et al.
 “The Stress-Buffering Effect of Social Support on Socio-Economic Mental Health Disparities among Cancer Survivors”
 (Psychosocial Intervention)

By time since diagnosis	Psychological distress (GHQ-12)	< 1 year	.10	high	2.17	< .001
				low	1.30	< .001
		> 1 year	high	1.00	.010	
			low	2.76	< .001	
	Mental well-being (WHO-5)	< 1 year	.09	high	1.45	< .001
				low	1.00	.001
		> 1 year	high	1.41	.001	
			low	1.00	< .001	
	Depression (GHQ-8)	< 1 year	.05	high	1.76	.045
				low	1.00	.019
		> 1 year	high	1.00	.010	
			low	1.47	.265	

Note: edf = effective degrees of freedom.

Table S2. Results from Stratified Multiple Regression Models with Outcomes Psychological Distress (NAHES $n = 1,143$), Mental Well-being (HESUS $n = 980$), and Depression (HESUS $n = 980$), Stratified by Gender, Age, and Time since Diagnosis

Outcome	p_{int}	Stratum	Effect of SES (low vs. high)											
			Low social support				Medium social support				High social support			
			<i>B/OR</i>	<i>LL</i>	<i>UL</i>	<i>p</i>	<i>B/OR</i>	<i>LL</i>	<i>UL</i>	<i>p</i>	<i>B/OR</i>	<i>LL</i>	<i>UL</i>	<i>p</i>
Gender	Psychological distress (log GHQ-12)	Male	0.04	-0.24	0.31	.799	0.37	0.09	0.65	.009	-0.21	-0.49	0.08	.151
		Female	0.01	-0.21	0.23	.933	0.17	-0.07	0.40	.164	0.04	-0.19	0.27	.725
	Mental well-being (WHO-5 score)	Male	2.19	-3.76	8.15	.469	-7.26	-13.36	-1.16	.019	-0.74	-11.54	10.05	.892
		Female	-4.67	-9.84	0.49	.075	-5.05	-10.62	0.52	.075	-0.84	-9.95	8.27	.856
Depression (PHQ-8)	Male	0.97	0.46	2.06	.940	3.19	1.09	9.38	.034	4.36	0.41	46.01	.220	
	Female	1.62	0.89	2.92	.116	2.56	1.23	5.27	.011	1.54	0.48	4.93	.473	
Age	Psychological distress (log GHQ-12)	< 65	0.21	-0.04	0.46	.095	0.16	-0.11	0.43	.239	-0.01	-0.28	0.26	.917
		≥ 65	-0.12	-0.36	0.11	.299	0.25	0.02	0.49	.035	-0.02	-0.25	0.21	.870
	Mental well-being (WHO-5)	< 65	-1.18	-7.13	4.78	.698	-0.89	-8.05	6.26	.806	-6.38	-17.12	4.35	.242
		≥ 65	-2.35	-7.41	2.71	.362	-8.12	-13.10	-3.15	.001	2.78	-6.20	11.75	.543
Depression (PHQ-8)	< 65	2.49	1.15	5.40	.021	3.52	1.07	11.58	.038	0.91	0.14	5.68	.925	
	≥ 65	0.90	0.50	1.65	.750	2.43	1.18	4.97	.015	2.80	0.73	10.68	.130	
Time since diagnosis	Psychological distress (log GHQ-12 score)	< 1 year	-0.04	-0.36	0.28	.793	0.28	-0.05	0.61	.098	-0.12	-0.40	0.16	.388
		≥ 1 year	0.04	-0.15	0.24	.673	0.21	0.01	0.42	.038	0.01	-0.22	0.24	.929
	Mental well-being (WHO-5)	< 1 year	-2.12	-8.84	4.61	.536	-10.62	-17.67	-3.57	.003	-8.64	-20.69	3.40	.158
		≥ 1 year	-1.93	-6.64	2.78	.421	-3.17	-8.15	1.82	.213	3.85	-4.56	12.26	.368
Depression (PHQ-8)	< 1 year	2.01	1.03	3.91	.039	2.80	1.21	6.58	.017	8.14	0.92	71.66	.059	
	≥ 1 year	0.89	0.46	1.73	.732	2.74	1.19	6.43	.019	0.86	0.23	3.13	.817	

Note. *B* = *B* unstandardized regression coefficient for psychological distress and mental well-being; *OR* = odds ratio for depression; *LL/UL* = lower/upper level 95% confidence interval; p_{int} = *p* value for interaction between SES and social support terciles.