

Table 1 Baseline demographic, quality of life, loneliness and social support data for those who provided a diagnosis.

	People with cancer diagnosis <i>n</i> = 85	People with non-cancer diagnosis <i>n</i> = 72
Age, Mean ± SD	73.28 ± 11.79	71.24 ± 12.28
Gender, Female <i>n</i> (%)	52 (61)	47 (65)
Education, Standard <i>n</i> (%) ^a	51 (67)	52 (78)
Marital Status, Single <i>n</i> (%) ^b	54 (67)	48 (69)
Living Status, Living Alone <i>n</i> (%) ^c	47 (57)	42 (61)
Occupation, Retired <i>n</i> (%) ^d	74 (90)	55 (81)
Ethnicity, White British <i>n</i> (%) ^c	74 (93)	63 (97)
Spirituality, Religious <i>n</i> (%) ^e	52 (68)	44 (70)
Quality of Life, Poor or Very Poor <i>n</i> (%) ^f	29 (35)	37 (53)*
Dissatisfied with their health <i>n</i> (%) ^g	55 (66)	57 (79)
WHO-QOL BREF, Mean ± SD		
<i>QoL Physical</i> ^g	36.83 ± 17.60	30.88 ± 14.28*
<i>QoL Psychological</i> ^h	47.90 ± 18.42	44.66 ± 17.04
<i>QoL Environment</i> ⁱ	61.15 ± 16.05	54.36 ± 13.52*
De Jong Gierveld Loneliness, Mean ± SD		
<i>Social Loneliness</i> ^j	1.34 ± 1.22	1.80 ± 1.20*
<i>Emotional Loneliness</i> ^k	1.80 ± 1.03	2.03 ± 1.00
mMOS-SS, Mean ± SD		
<i>MOS Instrumental</i> ^l	3.22 ± 1.26	3.08 ± 1.38
<i>MOS Emotional</i> ^m	3.29 ± .95	2.84 ± 1.09*
<i>MOS Total</i> ⁿ	3.25 ± 1.01	2.97 ± 1.09
Network, Mean ± SD ^o	4.52 ± 2.68	4.54 ± 2.15
N Contacts, Mean ± SD ^p	48.79 ± 42.75	42.48 ± 34.65

Note: ^a *n* = 143, ^b *n* = 154, ^c *n* = 152, ^d *n* = 145, ^e *n* = 140. **p* < .05. ^f *N* = 82 & *N* = 70, ^g *N* = 83 & *N* = 72, ^h *N* = 82 & *N* = 71, ⁱ *N* = 83 & *N* = 71, ^j *N* = 76 & *N* = 69, ^k *N* = 76 & *N* = 67, ^l *N* = 76 & *N* = 65, ^m *N* = 79 & *N* = 66, ⁿ *N* = 78 & *N* = 65, ^o *N* = 81 & *N* = 68, ^p *N* = 80 & *N* = 66.

Note: The WHO QOL Bref comprises four individually scored domains. Domain scores are calculated by computing the mean scores within the domain, noting that negatively phrased questions are reverse scored. Domain scores are transformed to a 0-100 scale according to the formula in the WHO QOL Manual. Lower scores indicate a worse quality of life.

Table 2. Distribution of quality of life scores at different time points.

Time	Diagnosis	Variable	N	Mean	Median	Skewness	Kurtosis	Std Dev	Variance
0	Non-cancer	QOL Physical	72	30.8879	29.16667	0.4409	0.090347	14.27733	203.8421
		QOL Environmental	71	54.35775	53.125	-0.03246	0.203167	13.52299	182.8711
		QOL Psychological	71	44.65962	45.83333	-0.22528	-0.31619	17.03555	290.2099
	Cancer	QOL Physical	83	36.83161	39.28571	-0.01353	-0.58801	17.60223	309.8387
		QOL Environmental	83	61.14637	60.71429	-0.24406	-0.11443	16.05305	257.7003
		QOL Psychological	82	47.89634	45.83333	-0.18262	-0.53614	18.42487	339.4757
1	Non-cancer	QOL Physical	47	30.50152	25	0.291113	-0.43105	14.8565	220.7156
		QOL Environmental	47	53.48594	56.25	-0.2429	-0.0934	14.91674	222.5093
		QOL Psychological	48	42.38715	41.66667	-0.22073	0.238343	17.49467	306.0634
	Cancer	QOL Physical	48	35.40427	32.14286	0.090782	-0.86012	17.14556	293.9703
		QOL Environmental	48	55.01612	56.25	-0.64922	0.580644	14.72829	216.9224
		QOL Psychological	46	47.86232	50	-0.38921	0.501916	16.95642	287.5201
2	Non-cancer	QOL Physical	46	32.70445	32.14286	0.088838	-0.05852	15.88913	252.4645
		QOL Environmental	45	57.41071	56.25	-0.1325	0.358872	12.52476	156.8696
		QOL Psychological	46	43.9221	45.83333	-0.18739	-0.40717	18.01375	324.4952
	Cancer	QOL Physical	30	37.95635	37.5	0.220681	-0.64456	20.71287	429.0231
		QOL Environmental	30	58.79464	61.60714	-0.34316	-0.32883	14.89851	221.9656
		QOL Psychological	30	48.66667	50	-0.575	0.115377	18.51607	342.8448
3	Non-cancer	QOL Physical	17	27.94118	28.57143	-0.04435	-0.1342	15.24041	232.27
		QOL Environmental	17	53.41387	53.125	0.229603	-0.76565	11.06538	122.4425
		QOL Psychological	17	36.71569	40	-0.19827	0.134167	16.28327	265.145
	Cancer	QOL Physical	9	36.50794	35.71429	0.267389	-1.65304	17.29267	299.0363
		QOL Environmental	9	50.69444	56.25	-1.08959	0.532079	19.87373	394.9653
		QOL Psychological	9	39.35185	41.66667	0.023963	1.566445	17.06695	291.2809

Table 3 Change in quality of life over time.

Variables	<i>b</i>	<i>se</i>	95% CI
<i>WHO QOL Bref Physical domain</i>			
Intercept	30.51	1.86	[26.86, 34.16]
Time	.41	.67	[-.91, 1.73]
Cancer Condition, Yes	6.49	2.54	[1.51, 11.47]
Cancer Condition x Time	-2.35	1.09	[-4.49, -.21]
<i>WHO QOL Bref Psychological domain</i>			
Intercept	43.99	2.05	[39.98, 48.01]
Time	-.18	.84	[-1.83, 1.47]
Cancer Condition, Yes	4.78	2.80	[-.71, 10.27]
Cancer Condition x Time	-1.32	1.36	[-3.98, 1.34]
<i>WHO QOL Bref Environment domain</i>			
Intercept	54.05	1.73	[50.66, 57.45]
Time	.81	.76	[-.68, 2.30]
Cancer Condition, Yes	6.54	2.36	[1.91, 11.17]
Cancer Condition x Time	-4.11	1.20	[-6.45, -1.76]