

Table 1 Mood and Health-related Quality of Life by Socio-demographic and Clinical Characteristics

Variables	M(SD) / n (%)	Positive mood	Negative mood	Mobility	Self-care	Usual activities	Pain/discomfort	Anxiety/depression	EQ-5D utility index
Age (years)	59.99 (9.53)								
Gender									
Male	183 (70.1%)	2.41 (0.75)	1.80 (0.73)	4.39 (0.95)	4.63 (0.79)	4.33 (0.92)	4.03 (0.87)	4.24 (0.75)	0.81 (0.17)
Female	78 (29.9%)	2.34 (0.78)	1.93 (0.83)	4.21 (1.04)	4.50 (0.96)	4.06 (1.05)	3.91 (0.87)	4.21 (0.65)	0.78 (0.21)
Education									
Elementary school or lower	55 (21.1%)	2.28 (0.79)	1.82 (0.73)	4.54 (0.92)	4.64 (0.80)	4.31 (0.96)	3.98 (0.91)	4.11 (0.74)	0.80 (0.18)
Middle school	91 (34.9%)	2.35 (0.69)	1.94 (0.79)	4.24 (0.96)	4.57 (0.86)	4.14 (1.04)	3.90 (0.87)	4.16 (0.79)	0.78 (0.19)
High school	66 (25.3%)	2.46 (0.77)	1.71 (0.63)	4.32 (1.08)	4.59 (0.89)	4.29 (0.96)	4.05 (0.79)	4.32 (0.66)	0.82 (0.17)
College or higher	49 (18.8%)	2.51 (0.84)	1.83 (0.88)	4.41 (0.96)	4.59 (0.84)	4.35 (0.86)	4.10 (0.94)	4.35 (0.63)	0.83 (0.20)
Marital status									
Married	247 (94.6%)	2.40 (0.77)	1.83 (0.76)	4.34 (0.98)	4.60 (0.85)	4.25 (0.98)	3.98 (0.89)	4.23 (0.71)	0.80 (0.19)
Single/divorced/widowed	14 (5.4%)	2.23 (0.58)	1.86 (0.82)	4.21 (1.05)	4.57 (0.85)	4.29 (0.83)	4.21 (0.58)	4.07 (1.00)	0.78 (0.18)
Perceived cancer-related financial burden									
None	37 (14.2%)	2.72 (0.89)	1.47 (0.50)	4.86 (0.42)	4.92 (0.28)	4.81 (0.46)	4.51 (0.56)	4.59 (0.50)	0.92 (0.08)
Slight	100 (38.3%)	2.27 (0.74)	1.74 (0.63)	4.21 (1.09)	4.54 (0.88)	4.23 (0.91)	3.91 (0.79)	4.22 (0.56)	0.78 (0.19)
Moderate	63 (24.1%)	2.53 (0.80)	1.87 (0.74)	4.43 (0.86)	4.65 (0.79)	4.17 (0.98)	3.90 (0.93)	4.27 (0.70)	0.80 (0.18)
Severe	36 (13.8%)	2.16 (0.51)	1.94 (0.84)	4.25 (0.77)	4.64 (0.68)	4.22 (0.90)	4.06 (1.01)	4.19 (0.71)	0.82 (0.14)
Very Severe	25 (9.6%)	2.38 (0.62)	2.52 (1.02)	3.96 (1.34)	4.12 (1.33)	3.76 (1.42)	3.68 (0.95)	3.64 (1.19)	0.68 (0.26)
Time since diagnosis^a									
Less than 6 months	144 (55.2%)	2.38 (0.77)	1.84 (0.77)	4.40 (0.96)	4.60 (0.84)	4.24 (1.02)	3.95 (0.90)	4.19 (0.76)	0.80 (0.19)
6-12months	32 (12.3%)	2.54 (0.68)	1.91 (0.72)	4.19 (1.28)	4.50 (1.05)	4.19 (1.12)	4.19 (0.78)	4.19 (0.82)	0.79 (0.23)
12-24 months	31 (11.9%)	2.54 (0.87)	1.71 (0.75)	4.35 (0.80)	4.71 (0.53)	4.42 (0.62)	3.97 (0.71)	4.32 (0.65)	0.83 (0.11)

More than 24 months	46 (17.6%)	2.25 (0.72)	1.86 (0.75)	4.17 (1.00)	4.48 (0.96)	4.17 (0.93)	3.91 (0.96)	4.26 (0.61)	0.78 (0.20)
Stage									
III	82 (31.4%)	2.50 (0.71)	1.96 (0.90)	4.35 (0.93)	4.55 (0.86)	4.20 (1.09)	3.95 (0.94)	4.13 (0.78)	0.79 (0.19)
IV	179 (68.6%)	2.34 (0.78)	1.78 (0.68)	4.33 (1.00)	4.61 (0.84)	4.28 (0.91)	4.01 (0.84)	4.27 (0.69)	0.81 (0.18)
Lung cancer type^b									
NSC-Adenocarcinoma	140 (53.6%)	2.39 (0.78)	1.88 (0.79)	4.28 (0.99)	4.56 (0.85)	4.20 (0.94)	3.91 (0.92)	4.18 (0.70)	0.79 (0.19)
NSC-Squamous	47 (18.0%)	2.50 (0.81)	1.84 (0.80)	4.45 (0.85)	4.68 (0.63)	4.32 (0.86)	4.00 (0.81)	4.26 (0.57)	0.81 (0.14)
NSC-Poorly differentiated	24 (9.2%)	2.46 (0.61)	1.77 (0.67)	4.08 (1.25)	4.38 (1.21)	3.88 (1.39)	3.75 (0.94)	4.13 (0.99)	0.72 (0.24)
NSC-others	7 (2.7%)	2.30 (0.60)	1.64 (0.40)	4.71 (0.49)	5.00 (0.00)	4.71 (0.49)	4.71 (0.49)	4.57 (0.53)	0.92 (0.10)
Small cell	43 (16.5%)	2.26 (0.76)	1.76 (0.71)	4.49 (0.96)	4.67 (0.87)	4.49 (0.88)	4.26 (0.73)	4.35 (0.78)	0.85 (0.17)
Treatment									
Received surgery									
Yes	61 (23.4%)	2.49 (0.78)	1.95 (0.85)	4.20 (0.98)	4.51 (0.83)	4.20 (0.96)	3.97 (0.86)	4.30 (0.74)	0.80 (0.18)
No	200 (76.6%)	2.36 (0.75)	1.80 (0.73)	4.38 (0.98)	4.62 (0.85)	4.27 (0.97)	4.00 (0.88)	4.21 (0.72)	0.80 (0.19)
Received chemotherapy									
Yes	252 (96.6%)	2.40 (0.76)	1.83 (0.76)	4.33 (0.99)	4.59 (0.86)	4.25 (0.98)	4.00 (0.87)	4.22 (0.73)	0.80 (0.19)
No	9 (3.4%)	2.16 (0.68)	1.83 (0.72)	4.44 (0.73)	4.67 (0.50)	4.33 (0.71)	3.67 (1.00)	4.33 (0.50)	0.81 (0.16)
Received radiotherapy									
Yes	61 (23.4%)	2.36 (0.70)	2.04 (0.87)	4.05 (1.19)	4.33 (1.21)	4.02 (1.09)	3.74 (1.05)	4.13 (0.62)	0.74 (0.23)
No	200 (76.6%)	2.40 (0.78)	1.77 (0.71)	4.43 (0.89)	4.68 (0.69)	4.33 (0.92)	4.07 (0.80)	4.26 (0.75)	0.82 (0.16)
Received targeted therapy									
Yes	38 (14.6%)	2.24 (0.79)	1.83 (0.56)	4.21 (1.14)	4.47 (1.08)	4.11 (1.09)	3.79 (1.04)	4.26 (0.64)	0.77 (0.25)
No	223 (85.4%)	2.42 (0.75)	1.83 (0.79)	4.36 (0.95)	4.61 (0.80)	4.28 (0.95)	4.03 (0.84)	4.22 (0.74)	0.81 (0.17)

Scale range: Confrontation, resigned acceptance: 1 (never) – 4 (very often); Positive mood, negative mood: 1 (very slightly) – 5 (extremely); Mobility, self-care, usual activities, pain/discomfort, anxiety/depression: 1 (very severe) – 5 (no); EQ-5D utility index: -1 (worse than death) – 1 (full health)

Figure 1 Flow Chart of the Sample Selection Procedure

