

**Table S1.** Comparisons of HRQoL between different types of lymphomas.

	Global			Physical			Role		
		95% C.I.			95% C.I.			95% C.I.	
	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit
HL	62.99	60.64605	65.3241	79.58	77.54043	81.62375	76.12	73.3021	78.9367
A-NHL	60.34	59.05771	61.62057	74.67	73.45514	75.88242	67.3	65.59703	69.00313
I-NHL	61.74	60.1221	63.34865	80.67	79.43518	81.91234	77.37	75.5809	79.16201
	Emotional			Cognitive			Social		
		95% C.I.			95% C.I.			95% C.I.	
	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit
HL	66.27	63.7299	68.80741	76.62	74.32538	78.90845	51.24	48.08361	54.40395
A-NHL	65.31	63.97935	66.64879	75.51	74.33808	76.67802	47.31	45.58835	49.02765
I-NHL	65.02	63.27196	66.75907	77.64	76.18581	79.08901	55.19	52.97944	57.3929
	Fatigue			Nausea			Pain		
		95% C.I.			95% C.I.			95% C.I.	
	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit
HL	42.65	40.03514	45.27166	13.48	11.13112	15.83405	19.3	16.94626	21.6607
A-NHL	46.11	44.74905	47.46526	13.62	12.4472	14.78953	22.93	21.65713	24.21249
I-NHL	40.57	38.97478	42.1718	8.84	7.62962	10.05655	19.95	18.38262	21.511
	Dyspnea			Insomnia			Appetite		
		95% C.I.			95% C.I.			95% C.I.	
	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit
HL	39.7	36.98264	42.42035	26.77	23.7215	29.81084	23.58	20.6372	26.52698
A-NHL	42.91	41.49208	44.33531	30.75	29.13818	32.35562	26.47	24.96043	27.9823
I-NHL	39.05	37.36369	40.73915	31.16	29.10439	33.2183	20.79	19.02759	22.55042
	Constipation			Diarrhea					
		95% C.I.			95% C.I.				
	Mean	Lower limit	Upper limit	Mean	Lower limit	Upper limit			
HL	17.21	14.4403	19.98756	10.55	8.385861	12.70867			
A-NHL	18.03	16.62801	19.42371	13.64	12.49066	14.79886			
I-NHL	16.45	14.74594	18.14413	12.54	11.14116	13.94749			

**Table S2.** Relationship between HRQoL and respondents' type adjusted by socioeconomic characteristics and health status.

	Physical			Role		
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
	Full model	Being treated model	Treatment completed model	Full model	Being treated model	Treatment completed model
Proxy	4.73(2.36,7.1)	5.54(2.02,9.07)	3.41(0.35,6.46)	2.25(-1.12,5.61)	3.22(-1.85,8.29)	0.63(-3.61,4.88)
Female	-3.72(-6.06,-1.38)	-3.57(-7.09,-0.05)	-3.72(-6.71,-0.74)	-0.07(-3.4,3.25)	-1.73(-6.79,3.33)	2.02(-2.13,6.16)
41-60	-3.58(-6.36,-0.79)	-3.33(-7.47,0.8)	-3.73(-7.37,-0.09)	-4.47(-8.42,-0.52)	-4.72(-10.66,1.22)	-3.94(-9,1.11)
≥61	-8.59(-14.11,-3.07)	-5.61(-13.55,2.34)	-15.11(-22.61,-7.61)	-4.13(-11.95,3.7)	-2.09(-13.51,9.33)	-8.95(-19.37,1.47)
Tertiary and above	-2.44(-5.17,0.29)	-2.77(-6.82,1.28)	-1.66(-5.19,1.88)	-3.29(-7.16,0.58)	-3.77(-9.6,2.06)	-1.9(-6.82,3.01)
Rural resident	-0.41(-3.71,2.89)	-1.92(-6.69,2.85)	1.91(-2.53,6.34)	-4.18(-8.86,0.5)	-6.46(-13.33,0.4)	0.14(-6.02,6.31)
Married	0.97(-4.11,6.04)	-1.9(-9.56,5.75)	4.78(-1.65,11.21)	3.34(-3.86,10.54)	2.74(-8.26,13.75)	4.09(-4.84,13.03)
Divorce/widow(er)	3.54(-2.8,9.89)	1.82(-7.87,11.51)	5.92(-2.03,13.87)	7.98(-1.02,16.98)	7.37(-6.56,21.29)	8.71(-2.34,19.76)
50,001~100,000	5.72(2.46,8.97)	5.11(0.21,10.02)	6.07(1.95,10.18)	2.27(-2.34,6.89)	0.72(-6.33,7.77)	3.8(-1.91,9.52)
≥100,001	3.45(0.8,6.1)	4.28(0.38,8.17)	2.09(-1.37,5.55)	1.75(-2,5.5)	2.33(-3.27,7.92)	0.77(-4.04,5.57)
Non-employed	-4.19(-6.93,-1.44)	-3.77(-7.91,0.37)	-4.97(-8.45,-1.49)	-6.93(-10.82,-3.03)	-7.35(-13.3,-1.39)	-6.73(-11.56,-1.89)
Retired	0.57(-3.49,4.63)	0.79(-5.49,7.06)	0.94(-4.08,5.96)	3.58(-2.18,9.34)	4.03(-5,13.05)	3.37(-3.61,10.34)
URBS	1.46(-3.69,6.61)	0.66(-7.44,8.75)	3.25(-2.97,9.46)	0.98(-6.32,8.29)	-2.22(-13.85,9.42)	5.4(-3.24,14.03)
NRCS	0.85(-2.61,4.3)	-1.35(-6.38,3.67)	3.96(-0.6,8.52)	3.38(-1.52,8.28)	1.85(-5.38,9.07)	5.9(-0.44,12.23)
FMS	2.74(-1.04,6.52)	4.41(-1.16,9.97)	-0.04(-4.98,4.9)	5.15(-0.21,10.52)	8.46(0.46,16.46)	-0.19(-7.05,6.67)
Duration	0.09(-0.64,0.82)	-0.1(-1.79,1.6)	0.18(-0.53,0.89)	0.51(-0.53,1.55)	0.44(-2,2.88)	0.57(-0.42,1.55)
Chemotherapy, Yes	-2.66(-7.19,1.87)	-1.76(-8.05,4.53)	-2.52(-9.25,4.21)	-6.35(-12.78,0.08)	-7.07(-16.11,1.97)	-3.78(-13.13,5.58)

Immunotherapy, Yes	1.32(-1.04,3.67)	2.12(-1.35,5.6)	-0.63(-3.71,2.46)	2.12(-1.21,5.46)	2.09(-2.9,7.09)	1.37(-2.92,5.65)
Radiotherapy, Yes	1.17(-1.54,3.88)	1.68(-2.78,6.14)	0.32(-2.84,3.48)	3.75(-0.09,7.6)	5.95(-0.47,12.36)	1.56(-2.83,5.95)
Surgery, Yes	-3.68(-6.78,-0.59)	-5.59(-10.7,-0.48)	-2.2(-5.78,1.39)	-5.34(-9.73,-0.95)	-6.52(-13.86,0.82)	-4.61(-9.6,0.37)
Being treated	-11.42(-13.72,-9.12)			-21.81(-25.07,-18.54)		

Table S2. *Cont.*

	Emotional			Cognitive		
	Model 7	Model 8	Model 9	Model 10	Model 11	Model 12
	Full model	Being treated model	Treatment completed model	Full model	Being treated model	Treatment completed model
Proxy	1.46(-1.39,4.32)	3.06(-1,7.13)	3.06(-1,7.13)	-3.98(-6.53,-1.42)	-3.22(-6.79,0.35)	-5.41(-9.1,-1.73)
Female	-2.28(-5.1,0.54)	0.75(-3.31,4.81)	0.75(-3.31,4.81)	-3.86(-6.38,-1.33)	-3.11(-6.68,0.45)	-5.12(-8.71,-1.52)
41-60	-2.13(-5.49,1.22)	-4.84(-9.62,-0.07)	-4.84(-9.62,-0.07)	-2.65(-5.65,0.36)	-3(-7.19,1.19)	-2.98(-7.36,1.41)
≥61	3.15(-3.49,9.8)	3.52(-5.65,12.69)	3.52(-5.65,12.69)	0.48(-5.46,6.43)	3.11(-4.94,11.16)	-3.99(-13.03,5.06)
Tertiary and above	-1.11(-4.39,2.17)	0.84(-3.84,5.52)	0.84(-3.84,5.52)	-2.42(-5.36,0.52)	-2.08(-6.19,2.02)	-2.77(-7.04,1.5)
Rural resident	0.54(-3.44,4.51)	-1.4(-6.91,4.11)	-1.4(-6.91,4.11)	2.25(-1.3,5.81)	0.86(-3.98,5.69)	4.25(-1.09,9.6)
Married	-3.22(-9.33,2.89)	-5.44(-14.27,3.4)	-5.44(-14.27,3.4)	1.5(-3.97,6.97)	3.72(-4.04,11.47)	-1.32(-9.07,6.43)
Divorce/widow(er)	0(-7.64,7.63)	-3.05(-14.22,8.13)	-3.05(-14.22,8.13)	3.33(-3.51,10.16)	8.38(-1.43,18.19)	-2.9(-12.49,6.69)
50,001~100,000	6.81(2.9,10.73)	4.37(-1.29,10.03)	4.37(-1.29,10.03)	5.68(2.17,9.19)	5.11(0.14,10.08)	5.95(0.99,10.91)
≥100,001	2.82(-0.36,6.01)	3.7(-0.79,8.19)	3.7(-0.79,8.19)	1.44(-1.41,4.29)	2.34(-1.6,6.29)	0.02(-4.16,4.19)
Non-employed	-4.32(-7.62,-1.01)	-4.89(-9.67,-0.11)	-4.89(-9.67,-0.11)	-4.88(-7.84,-1.93)	-4.98(-9.18,-0.79)	-4.94(-9.14,-0.75)
Retired	0.68(-4.21,5.57)	-1.65(-8.89,5.6)	-1.65(-8.89,5.6)	-2.97(-7.34,1.41)	-4.35(-10.71,2.01)	-1.59(-7.64,4.46)
URBS	3.27(-2.93,9.47)	4.69(-4.65,14.03)	4.69(-4.65,14.03)	1.84(-3.7,7.39)	3.05(-5.15,11.25)	1.64(-5.86,9.13)
NRCS	1.06(-3.09,5.22)	0.95(-4.85,6.76)	0.95(-4.85,6.76)	-0.73(-4.45,2.99)	-2.69(-7.78,2.4)	2.43(-3.07,7.92)
FMS	2(-2.55,6.55)	3.91(-2.51,10.33)	3.91(-2.51,10.33)	-0.54(-4.62,3.53)	3.17(-2.47,8.81)	-6.33(-12.29,-0.38)
Duration	0.02(-0.86,0.9)	0.49(-1.47,2.45)	0.49(-1.47,2.45)	-0.06(-0.85,0.72)	-0.29(-2,1.43)	-0.02(-0.87,0.83)
Chemotherapy, Yes	-4.18(-9.63,1.28)	-6.56(-13.82,0.7)	-6.56(-13.82,0.7)	-4.17(-9.05,0.72)	-6.29(-12.66,0.09)	0.31(-7.81,8.43)

Immunotherapy, Yes	0.13(-2.7,2.96)	-2.21(-6.22,1.8)	-2.21(-6.22,1.8)	0.45(-2.08,2.99)	-0.3(-3.82,3.22)	0.9(-2.81,4.62)
Radiotherapy, Yes	0.12(-3.14,3.38)	-0.27(-5.42,4.88)	-0.27(-5.42,4.88)	-1.37(-4.28,1.55)	-1.66(-6.18,2.86)	-1.04(-4.85,2.76)
Surgery, Yes	-3.39(-7.12,0.33)	-3.87(-9.77,2.02)	-3.87(-9.77,2.02)	-1.81(-5.15,1.52)	-2.6(-7.78,2.57)	-1.51(-5.83,2.82)
Being treated	-12.62(-15.39,-9.85)			-6.98(-9.46,-4.5)		

Table S2. *Cont.*

	<b>Social</b>		
	<b>Model 13</b>	<b>Model 14</b>	<b>Model 15</b>
	<b>Full model</b>	<b>Being treated model</b>	<b>Treatment completed model</b>
Proxy	-5.09(-8.62,-1.55)	-1.58(-6.37,3.22)	-9.43(-14.74,-4.13)
Female	0.06(-3.43,3.55)	0.96(-3.83,5.75)	-0.7(-5.88,4.48)
41-60	-6.17(-10.32,-2.02)	-5.21(-10.84,0.42)	-7.71(-14.02,-1.39)
≥61	1.77(-6.45,9.99)	3.57(-7.25,14.39)	-1.76(-14.78,11.25)
Tertiary and above	-3.61(-7.67,0.45)	-3.69(-9.2,1.83)	-3.29(-9.43,2.85)
Rural resident	-1.65(-6.57,3.26)	-3.57(-10.07,2.93)	1.36(-6.34,9.06)
Married	2.21(-5.36,9.77)	0.12(-10.31,10.54)	5.47(-5.69,16.63)
Divorce/widow(er)	1.08(-8.37,10.54)	-0.38(-13.57,12.81)	2.36(-11.44,16.16)
50,001~100,000	11.52(6.66,16.37)	9.28(2.6,15.96)	13.5(6.36,20.64)
≥100,001	8.22(4.27,12.16)	7.32(2.02,12.62)	8.6(2.6,14.61)
Non-employed	-5.98(-10.07,-1.89)	-4.1(-9.74,1.54)	-8.49(-14.53,-2.45)
Retired	1.18(-4.87,7.23)	0.13(-8.42,8.67)	2.11(-6.6,10.82)
URBS	4.36(-3.31,12.03)	2.86(-8.16,13.89)	7(-3.79,17.78)
NRCS	0.78(-4.36,5.93)	-1.86(-8.7,4.98)	4.58(-3.33,12.5)
FMS	-0.81(-6.45,4.82)	-0.62(-8.19,6.96)	-2.84(-11.41,5.73)
Duration	0.39(-0.7,1.48)	1.52(-0.79,3.83)	0.04(-1.19,1.27)
Chemotherapy, Yes	-6.52(-13.27,0.24)	-11.85(-20.41,-3.28)	7.16(-4.52,18.85)
Immunotherapy, Yes	0.37(-3.13,3.88)	-0.19(-4.92,4.54)	0.23(-5.12,5.58)
Radiotherapy, Yes	3.11(-0.92,7.15)	2.66(-3.42,8.73)	3.67(-1.81,9.15)
Surgery, Yes	-5.4(-10.02,-0.79)	-6.71(-13.66,0.25)	-3.26(-9.48,2.97)
Being treated	-16.82(-20.25,-13.39)		



