

Table 4.12 Associations between various socio-demographic factors and the 5 domains of needs

Co-variate	Group	No	PDL	$X^2$	df	p	PSY	$X^2$	df	P	PCS	$X^2$	df	p	HSI	$X^2$	df	p	SEX	$X^2$	df	p
Age	Age less than 50 years	106	54 (50.9)	1.53	1	0.22	44 (41.5)	1.70	1	0.20	30 (28.0)	0.73	1	0.40	55 (51.4)	1.73	1	0.20	27 (25.2)	3.44	1	0.06
	Age 50 years and above	153	66 (43.1)				51 (33.6)				36 (23.4)				66 (43.1)				24 (15.9)			
Marital Status	Single	41	17 (41.5)	1.50	2	0.47	11 (26.8)	3.15	2	0.21	9 (22.0)	0.65	2	0.72	19 (46.3)	0.89	2	0.64	1 (2.6)	2.89	2	0.24
	Married	195	94 (48.5)				77 (39.9)				52 (26.5)				93 (47.7)				49 (25.1)			
	Separated/ Divorced/Widowed	24	9 (37.5)				7 (29.2)				5 (20.8)				9 (37.5)				1 (4.2)			
Education level	No formal / primary education	48	26 (54.2)	1.76	3	0.624	22 (45.8)	4.44	3	0.22	12 (25.0)	3.82	3	0.28	23 (47.9)	3.11	3	0.38	8 (16.7)	0.45	3	0.93
	Lower secondary	39	17 (43.6)				17 (44.7)				12 (30.8)				20 (51.3)				8 (20.5)			
	Upper secondary/ vocational	111	48 (43.2)				34 (30.9)				22 (19.6)				45 (40.5)				22 (20.2)			
	University/ College	59	28 (47.5)				21 (35.0)				19 (31.7)				32 (53.3)				13 (21.7)			
Income	No income	33	13 (39.4)	5.76	4	0.22	11 (33.3)	4.05	4	0.40	7 (21.2)	3.61	4	0.46	16 (48.5)	2.57	4	0.63	2 (6.1)	4.99	4	0.29
	<RM1500	75	37 (49.3)				32 (43.2)				15 (20.0)				36 (48.0)				17 (23.0)			
	RM1500-3500	95	49 (52.1)				36 (38.7)				29 (30.5)				47 (50.0)				21 (22.6)			
	RM3500-5000	29	13 (44.8)				9 (31.0)				6 (20.7)				10 (34.5)				6 (20.7)			
	RM>5000	29	8 (28.6)				7 (24.1)				9 (31.0)				12 (41.4)				5 (17.2)			

Table 4.12, continued

Family history of cancer	Yes	113	47 (41.6)	1.81	1	0.18	31 (27.4)	7.62	1	0.01	28 (24.8)	0.03	1	0.87	44 (39.3)	4.16	1	0.04	21 (18.9)	0.09	1	0.77
	No	146	73 (50.0)				64 (44.1)				38 (25.7)				77 (52.0)				30 (20.4)			

\*\*No significant association was found for ethnicity, religion, ever-worked, non-family history of cancer

PDL=Physical and daily living, PSY=Psychological, PCS=Patient care and support, HSI=Hospital systems and information,SEX=Sexuality

Table 4.13 Association between various medical variables and the 5 domains of needs

Co-variate	Group	No	PDL	X <sup>2</sup>	df	p	PSY	X <sup>2</sup>	df	p	PCS	X <sup>2</sup>	df	p	HSI	X <sup>2</sup>	df	p	SEX	X <sup>2</sup>	df	p
Cancer status	In remission	71	30 (42.3)	1.49	2	0.47	29 (40.8)	0.70	2	0.71	21 (29.2)	4.20	2	0.12	34 (47.2)	2.04	2	0.36	17 (23.6)	1.24	2	0.54
	Adjuvant treatment	115	52 (45.2)				41 (35.7)				22 (19.1)				48 (42.1)				19 (17.0)			
	Relapsed/Metastatic	73	38 (52.1)				25 (34.7)				23 (31.1)				39 (52.7)				15 (20.3)			
Alternative treatment	Yes	106	57 (53.8)	4.00	1	0.046	46 (43.8)	3.34	1	0.07	34 (31.5)	3.74	1	0.05	58 (53.7)	3.81	1	0.05	29 (27.6)	6.88	1	0.01
	No	153	63 (41.2)				49 (32.2)				32 (20.9)				63 (41.4)				22 (14.4)			
Currently having chemotherapy	Yes	138	80 (58.0)	16.76	1	<0.001	57 (41.6)	3.20	1	0.07	36 (26.1)	0.19	1	0.67	66 (47.8)	0.27	1	0.61	30 (21.7)	0.67	1	0.41
	No	120	39 (32.5)				37 (30.8)				29 (23.8)				54 (44.6)				21 (17.6)			

\*\*No significant association was found for type of surgery, used chemotherapy, radiotherapy co-variates

PDL=Physical and daily living, PSY=Psychological, PCS=Patient care and support, HSI=Hospital systems and information,SEX=Sexuality

Table 4.14 Various socio-demographic factors and its association with financial and transport needs

Covariates	Group	No	FINANCE	$\chi^2$	df	p	TRANSPORT	$\chi^2$	df	p
Age	Age less than 50 years	106	76(71.0)	15.15	1	<0.001	57(53.3)	7.35	1	0.007
	Age 50 years and above	153	72(46.8)				56(36.4)			
Marital Status	Single	41	25 (61.0)	1.63	2	0.44	13 (31.7)	2.89	2	0.24
	Married	196	107 (54.6)				88 (44.9)			
	Separated/ Divorced/Widowed	24	16 (66.7)				12 (50.0)			
Education level	No formal/ primary education	48	34 (70.8)	20.88	3	<0.001	25 (52.1)	3.55	3	0.31
	Lower secondary	39	31 (79.5)				20 (51.3)			
	Upper secondary and vocational	112	60 (53.6)				45 (40.2)			
	University/ College	60	23 (38.3)				23 (38.3)			
Income	No income	33	28(84.8)	29.37	4	<0.001	17(51.5)	8.89	4	0.06
	<RM1500	75	51(68.0)				36(48.0)			
	RM1500-3500	95	50(52.6)				44(46.3)			
	RM3500-5000	29	11(37.9)				10(34.5)			
	RM>5000	29	8(27.6)				6(20.7)			
Family history of cancer	Yes	113	58(51.3)	2.35	1	0.13	42(37.2)	3.05	1	0.08
	No	146	90(60.8)				71(48.0)			

\*\*\*No significant association was found for ethnicity, religion, ever-worked, non-family history of cancer

Table 4.15 Various medical factors and its association with financial and transport needs

Covariates	Group	No	FINANCE	$X^2$	<i>df</i>	<i>p</i>	TRANSPORT	$X^2$	<i>df</i>	<i>p</i>
Cancer status	In remission		46(63.9)	2.43	2	0.30	31(43.1)	0.08	2	0.96
	Adjuvant treatment		64(55.7)				49(42.6)			
	Relapsed/Metastatic		38(51.4)				33(44.6)			
Alternative treatment	Yes		63(58.3)	0.20	1	0.66	50(46.3)	0.68	1	0.41
	No		85(55.6)				63(41.2)			
Currently having chemotherapy	Yes		84(60.9)	2.25	1	0.13	67(48.6)	3.60	1	0.06
	No		63(51.6)				45(36.9)			

\*\*\*No significant association was found for type of surgery, used chemotherapy, radiotherapy

Table 4.16 The prediction of having needs by logistic regression

Domain			B	SE	Wald	df	Sig.	Adjusted Odd's Ratio	95%CI	
									Lower	Upper
Financial (n=253)	Monthly household income	Income >RM5000						1.00		
		No Income	2.83	0.75	14.20	1	<0.001	16.97	3.89	74.04
		< RM1500	2.43	0.56	18.84	1	<0.001	11.38	3.80	34.13
		RM1500-3500	1.67	0.52	10.21	1	0.009	5.31	1.91	14.79
		RM RM3500-5000	0.37	0.63	0.35	1	0.56	1.45	0.42	4.93
	Age	Age >50 years						1.00		
		Age less than 50 years	2.02	0.38	27.98	1	<0.001	7.53	3.56	15.92
	Education level	Education university/college						1.00		
		No formal ed and primary	1.42	0.55	6.69	1	0.01	4.13	1.41	12.09
		Lower secondary	1.72	0.59	8.50	1	0.004	5.56	1.76	17.59
Upper secondary		0.82	0.43	3.62	1	0.06	2.26	0.98	5.23	
HSI (n=248)	Family history of cancer	No						1.00		
		Yes	0.52	0.26	3.96	1	0.047	1.68	1.01	2.80
PDL (n=251)	Alternative treatment	No						1.00		
		Yes	0.64	0.27	5.41	1	0.02	3.21	1.11	3.24
	Currently on chemotherapy	No						1.00		
		Yes	1.21	0.27	19.72	1	<0.001	3.40	1.97	5.78

Table 4.16, continuation

Transport (n=253)	Age	50 years and above						1.00		
		Less than 50 years	0.89	0.28	10.05	1	0.002	2.44	1.40	4.22
	Monthly household income	Income >RM5000						1.00		
		No Income	1.62	0.60	7.23	1	0.007	5.05	1.55	16.46
		< RM1500	1.51	0.54	7.85	1	0.005	4.53	1.58	13.02
		RM1500-3500	1.41	0.52	7.31	1	0.007	4.09	1.47	11.36
		RM RM3500-5000	0.71	0.63	1.28	1	0.26	2.04	0.59	6.99
PSY (n=251)	Family history of cancer	No						1.00		
		Yes	0.79	0.28	8.09	1	0.004	2.19	1.28	3.77
PCS (n=244)	-	-	-	-	-	-	-	-	-	
SEX (n=250)	Alternative treatment	No						1.00		
		Yes	0.85	0.36	5.59	1	0.02	2.34	1.16	4.73
	Marital Status	Single						1.00		
		Married	2.86	1.21	5.61	1	0.02	17.52	1.64	187.43

\*The following variables were fitted into the logistic regression model: age, ethnicity, marital status, religion, income, family history of cancer, non-family history of cancer, ever-worked, cancer status, type of surgery, had chemotherapy, currently on chemotherapy, had radiotherapy and had alternative treatment. Only significant results are shown.