

Table S9. Demographic characteristics and quality of life measured with EQ-5D-5L

Demographic characteristics (n) & Quality of life		EQ1					EQ2					EQ3				
		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Age groups	16-17 (952)	<i>M/f</i> 1.01 943	6	3	0	0	1.01 944	6	1	1	0	1.02 941	8	2	0	1
		<i>SD/%</i> 0.14 99.1	0.6	0.3	0.0	0.0	0.14 99.2	0.6	0.1	0.1	0.0	0.18 98.8	0.8	0.2	0.0	0.1
	18-24 (1886)	<i>M/f</i> 1.02 1853	25	5	3	0	1.01 1877	5	2	2	0	1.01 1866	14	4	2	0
		<i>SD/%</i> 0.19 98.3	1.3	0.3	0.2	0.0	0.13 99.5	0.3	0.1	0.1	0.0	0.16 98.9	0.7	0.2	0.1	0.
	25-34 (2481)	<i>M/f</i> 1.05 2389	75	9	5	3	1.01 2460	16	2	3	0	1.03 2432	35	9	4	1
		<i>SD/%</i> 0.28 96.3	3.0	0.4	0.2	0.1	0.14 99.2	0.6	0.1	0.1	0.0	0.22 98.0	1.4	0.4	0.2	0.0
	35-44 (2448)	<i>M/f</i> 1.06 2330	90	19	5	4	1.01 2430	11	4	1	2	1.03 2390	45	5	4	4
		<i>SD/%</i> 0.33 95.2	3.7	0.8	0.2	0.2	0.17 99.3	0.4	0.2	0.0	0.1	0.26 97.6	1.8	0.2	0.2	0.2
	45-54 (2976)	<i>M/f</i> 1.11 2708	221	39	5	3	1.02 2944	20	8	2	2	1.06 2846	94	23	9	4
		<i>SD/%</i> 0.38 91.0	7.4	1.3	0.2	0.1	0.18 98.9	0.7	0.3	0.1	0.1	0.33 95.6	3.2	0.8	0.3	0.1
55-64 (4120)	<i>M/f</i> 1.21 3473	492	110	38	7	1.05 3985	86	29	11	9	1.12 3807	214	53	28	18	
	<i>SD/%</i> 0.54 84.3	11.9	2.7	0.9	0.2	0.32 96.7	2.1	0.7	0.3	0.2	0.47 92.4	5.2	1.3	0.7	0.4	
65-74 (2952)	<i>M/f</i> 1.33 2251	507	134	44	16	1.09 2790	107	32	11	12	1.18 2581	262	59	34	16	
	<i>SD/%</i> 0.68 76.3	17.2	4.5	1.5	0.5	0.41 94.5	3.6	1.1	0.4	0.4	0.57 87.4	8.9	2.0	1.2	0.5	
75-84 (1142)	<i>M/f</i> 1.63 671	285	134	40	12	1.21 992	95	29	13	13	1.39 851	189	61	26	15	
	<i>SD/%</i> 0.90 58.8	25.0	11.7	3.5	1.1	0.65 86.9	8.3	2.5	1.1	1.1	0.80 74.5	16.5	5.3	2.3	1.3	
>84 (172)	<i>M/f</i> 2.24 59	45	45	13	10	1.55 121	28	11	4	8	1.84 94	38	21	11	8	
	<i>SD/%</i> 1.17 34.3	26.2	26.2	7.6	5.8	1.04 70.3	16.3	6.4	2.3	4.7	1.15 54.7	22.1	12.2	6.4	4.7	
Household income category	B40 (15244)	<i>M/f</i> 1.2 13117	1509	439	130	49	1.05 14734	326	101	40	43	1.11 14086	787	210	101	60
		<i>SD/%</i> 0.55 86.0	9.9	2.9	0.9	0.3	0.34 96.7	2.1	0.7	0.3	0.3	0.46 92.4	5.2	1.4	0.7	0.4
	M40 (3382)	<i>M/f</i> 1.12 3084	216	57	19	6	1.03 3314	44	15	7	2	1.06 3236	100	25	15	6
		<i>SD/%</i> 0.44 91.2	6.4	1.7	0.6	0.2	0.24 98.0	1.3	0.4	0.2	0.1	0.35 95.7	3.0	0.7	0.4	0.2
T20 (503)	<i>M/f</i> 1.07 476	21	2	4	0	1.03 495	4	2	1	1	1.05 486	12	2	2	1	
	<i>SD/%</i> 0.35 94.6	4.2	0.4	0.8	0.0	0.27 98.4	0.8	0.4	0.2	0.2	0.32 96.6	2.4	0.4	0.4	0.2	
Sex	Male (8426)	<i>M/f</i> 1.16 7500	650	182	68	26	1.05 8185	153	43	23	22	1.1 7897	354	88	55	32
		<i>SD/%</i> 0.51 89.0	7.7	2.2	0.8	0.3	0.32 97.1	1.8	0.5	0.3	0.3	0.44 93.7	4.2	1.0	0.7	0.4
	Female (10703)	<i>M/f</i> 1.2 9177	1096	316	85	29	1.05 10358	221	75	25	24	1.11 9911	545	149	63	35
		<i>SD/%</i> 0.54 85.7	10.2	3.0	0.8	0.3	0.32 96.8	2.1	0.7	0.2	0.2	0.45 92.6	5.1	1.4	0.6	0.3
Ethnicity groups	Malay (11999)	<i>M/f</i> 1.15 10705	883	290	89	32	1.04 11689	190	67	31	22	1.09 11311	437	134	75	42
		<i>SD/%</i> 0.51 89.2	7.4	2.4	0.7	0.3	0.3 97.4	1.6	0.6	0.3	0.2	0.43 94.3	3.6	1.1	0.6	0.4
	Chinese (4439)	<i>M/f</i> 1.24 3649	603	135	35	17	1.06 4252	132	28	11	16	1.13 4009	321	64	30	15
		<i>SD/%</i> 0.58 82.2	13.6	3.0	0.8	0.4	0.36 95.8	3.0	0.6	0.2	0.4	0.48 90.3	7.2	1.4	0.7	0.3
	Indian (1857)	<i>M/f</i> 1.24 1542	218	66	25	6	1.07 1776	46	22	6	7	1.14 1687	118	31	11	10
		<i>SD/%</i> 0.61 83.0	11.7	3.6	1.3	0.3	0.40 95.6	2.5	1.2	0.3	0.4	0.50 90.8	6.4	1.7	0.6	0.5
Orang Asli (353)	<i>M/f</i> 1.12 324	20	6	3	0	1.03 347	4	1	0	1	1.1 328	17	7	1	0	
	<i>SD/%</i> 0.43 91.8	5.7	1.7	0.8	0.0	0.26 98.3	1.1	0.3	0.0	0.3	0.38 92.9	4.8	2.0	0.3	0.0	
Other	<i>M/f</i> 1.08 73	6	0	0	0	1 79	0	0	0	0	1.03 77	2	0	0	0	

	(79)	<i>SD/%</i>	0.27	92.4	7.6	0.0	0.0	0.0	0	100.0	0.0	0.0	0.0	0.0	0.16	97.5	2.5	0.0	0.0	0.0
	Non-citizen	<i>M/f</i>	1.05	384	16	1	1	0	1	400	2	0	0	0	1.02	396	4	1	1	0
	(402)	<i>SD/%</i>	0.26	95.5	4.0	0.2	0.2	0.0	0.07	99.5	0.5	0.0	0.0	0.0	0.20	98.5	1.0	0.2	0.2	0.0
Educational level	No formal education	<i>M/f</i>	1.41	2355	577	234	64	20	1.13	2980	175	58	19	18	1.25	2705	372	107	45	21
	(3250)	<i>SD/%</i>	0.76	72.5	17.8	7.2	2.0	0.6	0.50	91.7	5.4	1.8	0.6	0.6	0.64	83.2	11.4	3.3	1.4	0.6
	Primary	<i>M/f</i>	1.24	3827	573	154	52	18	1.07	4436	120	37	14	17	1.14	4216	268	73	42	25
	(4624)	<i>SD/%</i>	0.60	82.8	12.4	3.3	1.1	0.4	0.37	95.9	2.6	0.8	0.3	0.4	0.52	91.2	5.8	1.6	0.9	0.5
	Secondary	<i>M/f</i>	1.10	7474	520	87	31	16	1.02	8025	62	19	12	10	1.06	7821	215	47	24	21
	(8128)	<i>SD/%</i>	0.40	92.0	6.4	1.1	0.4	0.2	0.22	98.7	0.8	0.2	0.1	0.1	0.34	96.2	2.6	0.6	0.3	0.3
	Tertiary	<i>M/f</i>	1.06	1342	46	15	2	1	1.01	1395	7	4	0	0	1.03	1376	23	6	1	0
	(1406)	<i>SD/%</i>	0.31	95.4	3.3	1.1	0.1	0.1	0.13	99.2	0.5	0.3	0.0	0.0	0.20	97.9	1.6	0.4	0.1	0.0
	Other/Do not know/Refused to answer	<i>M/f</i>	1.03	1679	30	8	4	0	1.01	1707	10	0	3	1	1.03	1690	21	4	6	0
	(1721)	<i>SD/%</i>	0.24	97.6	1.7	0.5	0.2	0.0	0.18	99.2	0.6	0.0	0.2	0.1	0.23	98.2	1.2	0.2	0.3	0.0
Work (in the past 30 days)	Working Full-Time	<i>M/f</i>	1.07	4943	252	30	8	2	1.01	5196	31	3	3	2	1.03	5099	112	10	10	4
	(5235)	<i>SD/%</i>	0.29	94.4	4.8	0.6	0.2	0.0	0.14	99.3	0.6	0.1	0.1	0.0	0.24	97.4	2.1	0.2	0.2	0.1
	Home-makers	<i>M/f</i>	1.20	4555	625	159	35	7	1.04	5230	107	31	9	4	1.11	4980	287	76	25	13
	(5381)	<i>SD/%</i>	0.52	84.6	11.6	3.0	0.7	0.1	0.26	97.2	2.0	0.6	0.2	0.1	0.42	92.5	5.3	1.4	0.5	0.2
	Self Employed	<i>M/f</i>	1.09	2111	143	24	4	1	1.01	2259	19	3	1	1	1.04	2201	71	8	2	1
	(2283)	<i>SD/%</i>	0.35	92.5	6.3	1.1	0.2	0.0	0.16	98.9	0.8	0.1	0.0	0.0	0.24	96.4	3.1	0.4	0.1	0.0
Other	<i>M/f</i>	1.29	5068	726	285	106	45	1.10	5858	217	81	35	39	1.19	5528	429	143	81	49	
(6230)	<i>SD/%</i>	0.70	81.3	11.7	4.6	1.7	0.7	0.48	94.0	3.5	1.3	0.6	0.6	0.61	88.7	6.9	2.3	1.3	0.8	
Total	<i>M/f</i>	1.18	16677	1746	498	153	55	1.05	18543	374	118	48	46	1.10	17808	899	237	118	67	
(19129)	<i>SD/%</i>	0.53	87.2	9.1	2.6	0.8	0.3	0.32	96.9	2.0	0.6	0.3	0.2	0.44	93.1	4.7	1.2	0.6	0.4	

EQ1, mobility; EQ2, self-care; EQ3, usual activities; EQ4, pain/discomfort; EQ5, anxiety/depression; VAS, visual analogue scale/self-rated health; EUV, estimated utility values; M, mean; SD, standard deviation; f, frequency.