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Appendix:Table 1: Background characteristics of participants by residence

Characteristics	Teshie	Ashaiman	Total n (%)
Gender			
Male	43(21.6)	114(57.6)	157(39.5)
Female	156(78.4)	84(42.4)	240(60.5)
Age group (in years)			
60-65	90(45.2)	99(50.0)	189(47.6)
66-70	36(18.1)	39(19.7)	75(18.9)
71-75	32(16.1)	23(11.6)	55(13.9)
76-80	18(9.0)	20(10.1)	38(9.6)
>81	23(11.6)	17(8.6)	40(10.1)
Marital Status			
Single	28(14.1)	9(4.5)	37(9.3)
Married	41(20.6)	85(42.9)	126(31.7)
Divorced	25(12.6)	56(28.3)	81(20.4)
Widowed	105(52.7)	48(24.3)	153(38.5)
Education			
No formal	82(41.2)	96(48.5)	178(44.8)
Elementary	38(19.1)	56(28.3)	94(23.7)
High School	73(36.7)	24(12.1)	97(24.4)
Above High School	6(3.0)	22(11.1)	28(7.1)

Appendix: Table 2: Associated factors

Characteristics	Frequency	%
Current Illness		
Body Pains	76	19.2
Diabetes	19	4.8
Difficulty Walking	33	8.3
High Blood Pressure	68	17.1
Joint Pains	100	25.2
Old Age	26	6.5
Poor EyeSight	43	10.8
Others	32	8.1
Sources of Income		
Children	125	31.5
Farming	38	9.6
Fishing	52	13.1
Friends	37	9.3
Pension	27	6.8
Siblings	19	4.7
Trading	91	22.9
Others	8	2.0
Source of healthcare		
Clinic	63	15.9
Drug Ped	37	9.3
Herbalist	18	4.5
Hospital	121	30.5
Pharmacy	158	39.8
Source of Social Support		
Sibling	69	17.4
Daughter	114	28.7
Son	67	16.9
Grandchild	44	11.1
Other	21	5.3

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Appendix: Table 3: Participants Mean scores and Association of background characteristics with QoL scores

	General QoL	General Health	Psychological domain **	Physical domain**	Social domain**	Environmental domain**
Total group (n=397)	2.73	2.90	45.07[b]	43.25[a]	56.97[b]	51.63[b]
Gender						
Female	2.53	2.78	41.95 [a]	44.63 [a]	56.44 [b]	49.21 [b]
Male	3.04	3.09	45.22 [b]	45.75[b]	57.77 [b]	55.30 [b]
Mean difference	.515	.310	3.27	1.11	1.33	6.09
p-value	.000*	.017*	.019*	.611	.506	.001*
Age group						
60-65 years	2.08	2.98	45.44	49.14	57.11	54.41
66-70 years	2.84	3.04	41.89	43.65	58.48	51.69
71-75 years	2.80	2.95	40.31	42.49	57.47	49.75
76-80 years	2.58	2.66	42.34	40.11	53.97	48.95
>80 years	2.25	2.45	40.30	36.89	55.60	43.26
F	2.139	1.966	2.600	4.180	.397	4.111
p-value	.075	.099	.036*	.003*	.811	.003*
Marital status						
Single	2.43	2.54	35.97	37.46	48.41	46.89
Married	3.00	3.02	47.44	47.66	62.18	56.13
Divorced	2.95	2.95	44.52	46.05	49.57	52.34
Widowed	2.47	2.86	40.88	44.27	58.66	48.69
F	6.370	1.420	9.861	2.359	10.385	5.583
p-value	.000*	.237	.000*	.071	.000*	.001*
Education						
No formal education	2.61	2.66	39.51	40.73	54.76	47.71
Elementary school	2.78	2.96	45.81	46.73	57.63	52.19
High school	2.72	3.14	45.02	50.23	58.60	54.41
Above high school	3.39	3.43	52.25	49.25	63.14	64.86
F	3.498	4.990	10.938	5.084	1.982	10.241
p-value	.016*	.002*	.000*	.002*	.116	.000*
Residence						
Teshie slum	2.29	2.87	41.28	45.99	58.19	47.59
Ashaiman slum	3.18	2.93	45.22	44.15	55.74	55.71
Mean difference	-.885	-.065	-3.94	1.84	2.44	-8.12

p-value	.000*	.618	.004*	.389	.211	.000*
Sources of Income						
Pension	3.04	3.33	44.96	50.96	56.52	53.56
Fishing/Farming	2.76	2.81	42.39	44.00	56.09	49.47
Trading	2.48	2.58	41.75	41.47	54.55	49.74
Children	2.86	3.06	44.88	44.79	58.49	53.22
Friends	2.65	3.24	41.97	49.92	59.27	52.62
Family/Siblings	2.90	3.05	46.35	50.70	59.10	55.45
Other	2.25	1.75	37.00	46.13	56.25	51.75
F	1.500	3.434	1.118	1.389	.518	.842
p-value	.177	.003*	.351	.218	.794	.538
Source of Social Support						
Sibling	2.72	2.88	44.06	43.62	53.35	52.93
Daughter	2.61	2.74	42.73	42.21	57.16	49.07
Son	2.84	3.07	42.52	48.87	58.03	54.09
Grandchild	2.66	2.68	41.86	44.61	55.18	50.64
Other	2.86	3.38	47.05	53.95	62.19	53.48
F	.481	1.761	.695	2.134	1.049	1.192
p-value	.749	.137	.596	.076	.382	.314
Living Arrangements						
Extended family	3.10	3.10	45.15	46.28	56.92	54.59
Family	2.45	2.60	42.87	36.08	56.57	48.70
Alone	2.41	2.81	40.27	47.21	55.96	49.36
Children	2.91	2.96	45.37	46.62	58.53	52.18
Others	2.50	2.70	45.10	37.80	62.40	54.33
F	7.080	1.72	2.747	3.275	.396	2.067
p-value	.000*	.144	.028*	.012*	.811	.084

**All raw scores are transformed to a 1-100 score, *Significant p-value ≤ 0.05, [a] =poor QoL, [b] = moderate QoL

Appendix: Table 4: ANOVA for Regression analysis showing the influence of demographic characteristics and Participants QoL in the 4 domains of the WHOQOL-BREF

	Psychological domain Mean	Physical domain Mean	Social domain Mean	Environmenta Mean
Total group (n=397)	45.07	43.25	56.97	51.63
Gender				
Female	41.95	44.63	56.44	49.21
Difference in means	F(3,235)=36.118; p<.001	F(3,235)=28.856; p<.001	F(3,235)=12.619; p<.001	F(3,235)=46.
Adjusted R square	.307	.260	.128	.363
Male	45.22	45.75	57.77	55.30
Difference in means	F(3,153)=76.702; p<.001	F(3,153)=31.965; p<.001	F(3,153)=26.887; p<.001	F(3,153)=73.
Adjusted R square	.593	.373	.345	.583
Age group				
60-65 years	45.44	49.14	57.11	54.41
Difference in means	*F(3,185)=56.458; p<.001*	*F(3,185)=25.285; p<.001*	*F(3,185)=17.656; p<.001*	*F(3,185)=60.*
Adjusted R square	*.469*	*.279*	*.210*	*.488*
66-70 years	41.89	43.65	58.48	51.69
Difference in means	*F(3,71)=14.223; p<.001*	*F(3,71)=12.154; p<.001*	*F(3,71)=6.713; p<.001*	*F(3,71)=16.3*
Adjusted R square	*.349*	*.311*	*.188*	*.383*
71-75 years	40.31	42.49	57.47	49.75
Difference in means	*F(3,51)=12.850; p<.001*	*F(3,51)=5.413; p=.003*	*F(3,51)=2.143; p=.106*	*F(3,51)=15.9*
Adjusted R square	*.397*	*.197*	*.112*	*.453*
76-80 years	42.34	40.11	53.97	48.95
Difference in means	*F(3,34)=7.977; p<.001*	*F(3,34=2.285; p=.096*	*F(3,34)=12.850; p=.002*	*F(3,34)=6.29*
Adjusted R square	*.361*	*.094*	*.288*	*.300*
>80 years	40.30	36.89	55.60	43.26
Difference in means	*F(3,35)=13.315; p<.001*	*F(3,35)=11.896; p<.001*	*F(3,35)=7.288; p=.001*	*F(3,35)=10.7*
Adjusted R square	*.493*	*.462*	*.332*	*.435*
Marital status				
Single	35.97	37.46	48.41	46.89
Difference in means	*F(3,33)=13.087; p<.001*	*F(3,33)=3.797; p=.019*	*F(3,33)=1.971; p=.137*	*F(3,33)=17.1*
Adjusted R square	*.502*	*.189*	*.075*	*.573*
Married	47.44	47.66	62.18	56.13
Difference in means	*F(3,122)=47.457; p<.001*	*F(3,122)=18.805; p<.001*	*F(3,122)=32.156; p<.001*	*F(3,122)=49.*
Adjusted R square	*.527*	*.299*	*.428*	*.538*
Divorced	44.52	46.05	49.57	52.34
Difference in means	*F(3,76)=30.952; p<.001*	*F(3,76)=18.004; p<.001*	*F(3,76)=9.245; p<.001*	*F(3,76)=39.4*
Adjusted R square	*.532*	*.392*	*.238*	*.593*
Widowed	40.88	44.27	58.66	48.69
Difference in means	*F(3,76)=18.283; p<.001*	*F(3,149)=20.969; p<.001*	*F(3,149)=8.231; p<.001*	*F(3,149)=25.*
Adjusted R square	*.254*	*.283*	*.125*	*.330*
Education				
No formal education	39.51	40.73	54.76	47.71
Difference in means	*F(3,173)=36.902; p<.001*	*F(3,173)=25.547; p<.001*	*F(3,173)=16.669; p<.001*	*F(3,173)=50.*
Adjusted R square	*.380*	*.295*	*.211*	*.457*
Elementary school	45.81	46.73	57.63	52.19
Difference in means	*F(3,90)=32.867; p<.001*	*F(3,90)=20.298; p<.001*	*F(3,90)=11.102; p<.001*	*F(3,90)=24.7*
Adjusted R square	*.507*	*.384*	*.246*	*.433*
High school	45.02	50.23	58.60	54.41
Difference in means	*F(3,93)=16.478; p<.001*	*F(3,93)=10.946; p<.001*	*F(3,93)=3.902; p=.011*	*F(3,93)=21.9*
Adjusted R square	*.326*	*.237*	*.083*	*.396*

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Above high school	52.25	49.25	63.14	64.86
Difference in means	*F(3,24)=11.757; p<.001*	*F(3,24)=4.401; p=.013*	*F(3,24)=7.112; p=.001*	*F(3,24)=4.33*
Adjusted R square	*.544*	.274	.404	.270
Residence				
Teshie slum	41.28	45.99	58.19	47.59
Difference in means	*F(3,195)=11.276; p<.001*	*F(3,195)=28.819; p<.001*	*F(3,195)=6.570; p<.001*	*F(3,195)=34.*
Adjusted R square	*.135*	.297	.078	.339
Ashaiman slum	45.22	44.15	55.74	55.71
Difference in means	*F(3,193)=171.779; p<.001*	*F(3,193)=56.292; p<.001*	*F(3,193)=47.252; p<.001*	*F(3,193)=11!*
Adjusted R square	*.723*	.458	.414	.644