

Table s1. Univariate logistic regression evaluating the association of covariates with health literacy (highest versus lower two HLQ tertiles) in each HL domain

Covariates (Category to which OR applies)		HLQ1	HLQ2	HLQ3	HLQ4	HLQ5	HLQ6	HLQ7	HLQ8	HLQ9
		Feel understood and supported by health care providers	Have sufficient information to manage my health	Actively managing my health	Have social support for health	Appraise health information	Able to engage with healthcare providers	Navigating healthcare system	Ability to find good health information	Understand health information well enough to know what to do
Population (ESKD patients)	OR	0.71	0.63	0.66	0.41	0.60	0.70	0.97	1.07	0.96
	95% CI	0.39-1.31	0.35-1.12	0.37-1.19	0.22-0.75	0.30-1.19	0.40-1.23	0.54-1.76	0.59-1.92	0.54-1.70
	p value	0.275	0.114	0.165	0.004	0.143	0.214	0.932	0.830	0.896
Age quartile (Higher quartile)	OR	1.08	1.15	1.22	1.12	1.12	1.15	1.18	1.40	1.23
	95% CI	0.83-1.42	0.89-1.49	0.94-1.6	0.86-1.46	0.82-1.52	0.89-1.48	0.91-1.55	1.07-1.85	0.95-1.60
	p value	0.562	0.295	0.140	0.409	0.479	0.281	0.218	0.015	0.121
Sex (Female)	OR	1.72	0.74	0.61	0.98	1.13	0.55	0.85	0.59	0.67
	95% CI	0.90-3.29	0.41-1.33	0.33-1.10	0.53-1.8	0.56-2.29	0.31-0.98	0.47-1.55	0.32-1.07	0.38-1.19
	p value	0.101	0.314	0.097	0.947	0.726	0.042	0.598	0.080	0.174
Race (Indigenous)	OR	0.51	1.06	0.59	0.56	0.91	0.46	0.58	1.63	1.10
	95% CI	0.14-1.88	0.27-4.26	0.16-2.17	0.15-2.07	0.19-4.46	0.13-1.66	0.16-2.14	0.34-7.89	0.27-4.36
	p value	0.311	0.927	0.429	0.388	0.908	0.238	0.414	0.545	0.902
Education (Lower than 12 years)	OR	1.87	1.55	1.51	1.38	1.86	2.02	1.43	3.08	2.88
	95% CI	1.00-3.46	0.87-2.77	0.84-2.74	0.76-2.51	0.93-3.74	1.13-3.59	0.79-2.59	1.65-5.74	1.59-5.22
	p value	0.048	0.138	0.170	0.285	0.081	0.017	0.237	0.000	0.001
Carer status (Carer not present)	OR	1.18	1.36	1.54	1.83	1.91	1.61	1.30	1.03	0.92
	95% CI	0.60-2.33	0.71-2.59	0.80-2.94	0.96-3.50	0.93-3.95	0.86-3.01	0.67-2.53	0.53-2.03	0.48-1.78
	p value	0.632	0.353	0.194	0.068	0.079	0.139	0.430	0.921	0.804
Income (Lower than A\$ 25,000/year)	OR	1.04	0.96	0.68	1.28	0.55	0.65	0.77	0.92	1.06
	95% CI	0.57-1.92	0.54-1.72	0.37-1.24	0.71-2.32	0.27-1.13	0.36-1.16	0.42-1.40	0.51-1.68	0.60-1.88
	p value	0.896	0.893	0.210	0.412	0.105	0.143	0.387	0.795	0.843
Smoking (Current smoker)	OR	1.56	2.06	2.63	2.5	2.34	3.23	1.31	1.79	2.16
	95% CI	0.50-4.86	0.67-6.37	0.75-9.26	0.71-8.83	0.52-10.49	0.92-11.37	0.46-3.75	0.58-5.54	0.70-6.67
	p value	0.439	0.210	0.133	0.153	0.265	0.067	0.612	0.315	0.182
Diabetes (Diabetes present)	OR	0.82	0.86	1.10	0.73	0.56	0.93	1.08	1.53	1.58
	95% CI	0.44-1.50	0.48-1.54	0.60-2.00	0.40-1.32	0.28-1.10	0.53-1.65	0.59-1.97	0.83-2.83	0.88-2.86
	p value	0.512	0.621	0.761	0.296	0.094	0.814	0.799	0.177	0.129
Cognitive impairment category (3MS score <85%)	OR	1.07	0.99	0.90	1.01	0.50	1.34	1.19	1.42	2.12
	95% CI	0.47-2.45	0.46-2.17	0.42-1.98	0.46-2.25	0.21-1.20	0.61-2.96	0.52-2.70	0.61-3.33	0.88-5.12
	p value	0.864	0.990	0.810	0.976	0.301	0.465	0.683	0.495	0.096
Executive function (Difference between TMT-B and TMT-A in seconds)	OR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	95% CI	0.99-1.00	0.99-1.01	0.99-1.01	0.99-1.01	0.99-1.00	0.99-1.00	0.99-1.01	1.00-1.01	1.00-1.01
	p value	0.957	0.367	0.236	0.308	0.053	0.643	0.535	0.092	0.499
Stroop task (interference score)	OR	0.99	1.02	0.98	0.98	1.02	0.99	1.00	0.97	1.00
	95% CI	0.95-1.03	0.98-1.06	0.94-1.02	0.94-1.02	0.97-1.07	0.95-1.03	0.96-1.04	0.94-1.01	0.96-1.04
	p value	0.471	0.436	0.362	0.300	0.391	0.555	0.867	0.210	0.991
Depression (Beck inventory score ≥14)	OR	1.94	4.40	3.81	1.88	3.95	2.55	3.12	3.74	2.13
	95% CI	0.90-4.15	1.88-10.33	1.62-8.96	0.90-3.94	1.34-11.65	1.22-5.30	1.38-7.06	1.59-8.80	1.04-4.35
	p value	0.089	0.001	0.002	0.092	0.013	0.012	0.006	0.003	0.038