

Table S1. Mean differences in Cancer Health Literacy (CHL)* and Willing to Participate in Research and Donate Bio-specimens (WPRDB) scores by demographic characteristics.**

Domains and Items	Education						Gender			Race/Ethnicity				Age				CHL Level			
	p	Primary school or lower	Some High School	High School Diploma	Some college studies	Bachelor/ advanced degree	p	Men	Women	p	Blacks	Hispanics	Whites	p	25-40	41-55	55+	p	Low (0 to 10)	Medium (11 to 23)	High (24 to 30)
Total participants		126	179	430	460	305		750	750		500	500	500		527	462	511		243	813	444
CHL-Score (*)	<.000	10.83 c	13.33 c	16.31 c	20.11 c	23.69 c	.008	17.60	18.72a	<.000	14.78c	17.17c	22.52c	.520	18.13	18.45	17.92	<.000	6.44c	17.25c	26.23c
WILL:Research	<.000	2.66a	2.51	2.31b	2.43	2.49	.521	2.42	2.45	0.001	2.40	2.55a	2.36	.094	2.38	2.44	2.49	.306	2.50	2.41	2.45
R3a_Survey	<.000	2.98	2.98	2.70b	2.93	3.17	.072	2.88	2.97a	0.064	2.88	3.01	2.88	.717	2.90	2.92	2.95	<.000	2.77	2.87	3.10a
R3b_Training	<.000	3.16a	2.88	2.60b	2.76	2.77	.016	2.70	2.83a	<.000	2.77c	3.06c	2.46c	.185	2.70	2.76	2.82	.194	2.72	2.81	2.71
R3c_Drug	<.000	2.33a	2.20	1.96	1.97	1.94	.276	2.05	1.99	0.002	1.95	2.15a	1.95	.878	2.01	2.01	2.04	.001	2.25a	1.98	1.97
R3d_Vitamin	.002	2.57a	2.43	2.18b	2.36	2.38	.356	2.31	2.36	0.005	2.22	2.45a	2.34	.607	2.30	2.36	2.36	.247	2.42	2.30	2.36
R3e_MinorProc	.082	2.57a	2.35	2.27b	2.40	2.42	.837	2.38	2.37	0.091	2.29	2.44	2.40	.134	2.30	2.39	2.44	.247	2.42	2.33	2.44
R3f_MajorProc	.525	2.32	2.21	2.15	2.18	2.27	.522	2.22	2.19	0.033	2.31a	2.16	2.14	.000	2.07b	2.20	2.35a	.006	2.42a	2.18	2.14
WILL:Donate	<.000	2.91	2.69	2.58b	2.80	2.92	.550	2.74	2.77	0.001	2.64b	2.86	2.78	.005	2.67	2.74	2.86a	.046	2.67	2.74	2.85a
R4a_Saliva	<.000	3.08	2.87	2.74b	3.01	3.23a	.532	2.95	2.98	<.000	2.77b	3.09	3.04	.017	2.90	2.92	3.07a	<.000	2.74c	2.94c	3.14a
R4b_Cheek	<.000	3.09	2.80	2.74b	3.01	3.20a	.563	2.93	2.97	<.000	2.80b	3.04	3.02	.016	2.89	2.90	3.06a	<.000	2.76	2.92	3.12c
R4c_Urine	<.000	3.25a	2.97	2.88b	3.08	3.23	.384	3.03	3.07	0.002	2.94	3.16a	3.05	.009	2.98	3.00	3.16a	.023	2.92	3.04	3.14a
R4d_Blood	.001	3.09a	2.87	2.72b	2.92	3.02	.192	2.85	2.93	0.003	2.79	3.03a	2.86	.005	2.80	2.86	3.02a	.247	2.80	2.89	2.95
R4e_Skin	.003	2.50	2.34	2.26b	2.46	2.59a	.369	2.45	2.39	0.015	2.29b	2.47	2.49	.009	2.30	2.43	2.53a	.037	2.42	2.36	2.53a
R4f_Tissue	.057	2.47a	2.27	2.16b	2.34	2.27	.468	2.25	2.30	0.021	2.24	2.39a	2.19	.038	2.17b	2.32	2.35	.092	2.41a	2.27	2.21
WILL:Institution	<.000	2.51a	2.20	2.13b	2.29	2.34	.816	2.26	2.27	0.002	2.24	2.37a	2.19	.022	2.32	2.28	2.19b	.341	2.32	2.24	2.28
R5a_Doctor	<.000	3.16a	2.77b	2.82	2.98	3.12	.020	2.89	3.01a	0.099	2.87	3.01	2.98	.053	2.87	3.02	2.98	.033	2.87	2.92	3.05a
R5b_University	<.000	2.79	2.53	2.43b	2.68	2.84a	.476	2.61	2.65	0.002	2.53	2.76a	2.61	.852	2.63	2.66	2.62	.004	2.53	2.59	2.77a
R5c_Hospital	<.000	2.86a	2.36	2.37	2.56	2.65	.662	2.54	2.51	<.000	2.45	2.71a	2.41	.303	2.55	2.56	2.47	.809	2.53	2.51	2.55
R5d_Government	<.000	2.60a	2.25	2.07	2.26	2.28	.330	2.26	2.21	<.000	2.17	2.49a	2.05	.010	2.32	2.26	2.13b	.381	2.32	2.23	2.20
R5e_NonProfit	<.000	2.53a	2.14	2.02b	2.27	2.39	.507	2.25	2.21	<.000	2.13	2.38a	2.18	.116	2.29	2.25	2.15	.123	2.19	2.20	2.32
R5f_ForProfit	.129	1.99	1.83	1.83	1.94	1.99	.958	1.91	1.91	0.055	2.00	1.85	1.88	.006	2.01	1.91	1.81b	.050	2.03a	1.86	1.94
R5g_Tobacco	.572	1.87	1.87	1.75	1.79	1.75	.531	1.77	1.80	0.007	1.89a	1.77	1.70	.000	1.91a	1.77	1.67	.013	1.95a	1.77	1.73
R5h_Pharma	.031	2.16a	1.94	1.89	2.07	2.03	.803	2.01	1.99	0.282	2.01	2.05	1.94	.005	2.09	2.03	1.88b	.301	2.09	1.97	2.01
R5i_Insurance	<.000	2.63a	2.08	2.04	2.09	2.02	.651	2.09	2.12	<.000	2.08c	2.32c	1.92c	.000	2.26a	2.10	1.96	<.000	2.42c	2.11c	1.94c
WPRDB Total Score	<.000	2.67a	2.43	2.31b	2.48	2.55	.594	2.45	2.47	0.001	2.40	2.56a	2.41	.836	2.44	2.46	2.47	.352	2.47	2.43	2.49

* CHL scores range 0 to 30: Higher numbers indicate higher level of cancer health literacy

** WPRDB scores range 1 to 4: Higher numbers indicate higher level of willingness to participate

(a) These groups had significant HIGHER mean scores than some of their counterparts (p<0.5).

(b) These groups had significant LOWER mean scores than some of their counterparts (p<0.5).

(c) These groups were significantly different among the other groups (p<0.5).