

Supplementary Table 1. Average reported certainty per choice task, N=2087

Task	Mean Certainty (SD)
1	6.4 (2.2)
2	6.6 (2.0)
3	6.9 (2.0)
4	6.7 (2.0)
5	7.1 (1.9)
6	7.6 (1.9)
7	7.2 (1.9)
8	7.2 (1.9)
9	6.2 (2.2)
10	6.7 (2.0)

Supplementary Table 2. Standard deviations of random parameters, results from estimation of a fully correlated preference structure

	Full Sample		Engaged		Engaged & Certain	
	SD	SE	SD	SE	SD	SE
sigma_asc_b	1.79	0.29	1.66	0.41	-2.40	0.58
sigma_b_part2	0.97	0.44	0.81	0.25	1.12	0.29
sigma_b_part2_ascb	1.01	0.24	0.98	0.20	-1.35	0.45
sigma_b_part3	-0.59	0.10	-0.51	0.32	-1.20	0.23
sigma_b_part3_part2	1.25	0.74	1.10	0.44	1.41	0.30
sigma_b_part3_ascb	0.32	0.54	0.27	0.64	-0.41	0.56
sigma_b_part4	0.75	0.09	0.70	0.22	1.08	0.20
sigma_b_part4_part3	0.02	0.20	-0.15	0.22	-0.11	0.36
sigma_b_part4_part2	0.70	0.12	0.56	0.59	0.98	0.27
sigma_b_part4_ascb	1.31	0.18	1.34	0.57	-1.23	0.34
sigma_b_freq	0.23	0.21	0.31	0.24	0.32	0.17
sigma_b_freq_part4	0.22	0.17	0.26	0.46	0.06	0.11
sigma_b_freq_part3	0.34	0.23	0.19	0.26	0.40	0.12
sigma_b_freq_part2	0.01	0.36	-0.02	0.19	0.14	0.11
sigma_b_freq_ascb	-0.09	0.14	0.03	0.11	0.09	0.17
sigma_b_env2	1.38	0.12	1.07	0.61	1.55	0.42
sigma_b_env2_freq	0.02	0.68	-0.33	1.44	1.51	0.35
sigma_b_env2_part4	0.82	0.33	1.06	1.08	1.08	0.29
sigma_b_env2_part3	0.53	0.56	0.86	0.73	1.22	0.71
sigma_b_env2_part2	-0.35	1.08	-0.14	0.44	-0.78	0.37
sigma_b_env2_ascb	-0.77	0.14	-0.61	0.20	0.79	0.26

sigma_b_env3	0.27	0.12	0.00	0.35	-0.02	0.30
sigma_b_env3_env2	0.54	0.11	0.33	0.60	0.49	0.23
sigma_b_env3_freq	-0.11	0.25	-0.23	0.81	0.84	0.23
sigma_b_env3_part4	0.45	0.24	0.60	0.60	0.66	0.18
sigma_b_env3_part3	0.13	0.19	0.31	0.38	0.31	0.48
sigma_b_env3_part2	-0.19	0.54	-0.04	0.23	-0.38	0.22
sigma_b_env3_ascb	-1.20	0.19	-1.08	0.34	1.13	0.24
sigma_b_se2	0.23	0.44	0.19	0.16	0.58	0.51
sigma_b_se2_env3	0.00	0.29	0.19	0.68	0.47	0.41
sigma_b_se2_env2	0.53	0.47	0.19	0.62	0.58	0.27
sigma_b_se2_freq	-0.45	0.20	-0.36	0.64	0.24	0.29
sigma_b_se2_part4	-0.17	0.17	-0.03	0.84	0.00	0.18
sigma_b_se2_part3	0.56	0.38	0.59	0.30	0.35	0.31
sigma_b_se2_part2	0.38	0.31	0.41	0.31	0.10	0.26
sigma_b_se2_ascb	1.40	0.23	1.34	0.39	-2.41	0.63
sigma_b_se3	0.56	0.28	-0.28	0.37	0.03	0.29
sigma_b_se3_se2	0.11	1.69	0.17	0.18	1.19	0.85
sigma_b_se3_env3	0.31	0.60	0.56	0.77	1.41	0.78
sigma_b_se3_env2	0.70	0.89	-0.09	0.80	0.91	0.25
sigma_b_se3_freq	-0.76	0.53	-0.59	1.11	0.78	0.50
sigma_b_se3_part4	-0.03	0.34	0.31	1.43	0.10	0.23
sigma_b_se3_part3	1.16	0.53	1.25	0.93	1.35	0.62
sigma_b_se3_part2	-0.09	0.83	0.06	0.51	-0.12	0.28
sigma_b_se3_ascb	0.60	0.25	0.54	0.57	-1.27	0.55

Supplementary Table 3. Standard deviations of random parameters including sociodemographic variables, estimation of a fully correlated preference structure, all participants (N=2087)

	SD	SE
sigma_asc_b	2.33	0.72
sigma_ascbage	0.00	0.00
sigma_ascbage_ascb	0.01	0.00
sigma_ascbprec	0.87	0.34
sigma_ascbprec_ascbage	-0.66	0.19
sigma_ascbprec_ascb	-0.01	0.29
sigma_b_part2	1.08	0.20
sigma_b_part2_ascbprec	0.42	0.17
sigma_b_part2_ascbage	0.65	0.23
sigma_b_part2_ascb	1.01	0.14

sigma_b_part3	-0.16	0.16
sigma_b_part3_part2	1.46	0.31
sigma_b_part3_ascbprec	0.75	0.27
sigma_b_part3_ascbage	1.01	0.25
sigma_b_part3_ascb	-0.51	0.33
sigma_b_part4	0.72	0.32
sigma_b_part4_part3	0.64	0.22
sigma_b_part4_part2	0.73	0.29
sigma_b_part4_ascbprec	0.55	0.22
sigma_b_part4_ascbage	0.80	0.27
sigma_b_part4_ascb	0.77	0.20
sigma_b_freq	0.13	0.10
sigma_b_freq_part4	0.28	0.12
sigma_b_freq_part3	0.20	0.14
sigma_b_freq_part2	-0.11	0.12
sigma_b_freq_ascbprec	-0.22	0.09
sigma_b_freq_ascbage	-0.55	0.11
sigma_b_freq_ascb	0.68	0.23
sigma_b_env2	0.76	0.51
sigma_b_env2_freq	0.53	0.34
sigma_b_env2_part4	1.08	0.31
sigma_b_env2_part3	-0.08	0.30
sigma_b_env2_part2	-1.25	0.22
sigma_b_env2_ascbprec	-0.26	0.23
sigma_b_env2_ascbage	-0.20	0.23
sigma_b_env2_ascb	0.06	0.22
sigma_b_env3	-0.18	0.55
sigma_b_env3_env2	0.51	0.34
sigma_b_env3_freq	0.14	0.41
sigma_b_env3_part4	0.52	0.20
sigma_b_env3_part3	0.07	0.28
sigma_b_env3_part2	-0.65	0.19
sigma_b_env3_ascbprec	-0.46	0.34
sigma_b_env3_ascbage	-0.06	0.22
sigma_b_env3_ascb	-1.27	0.37
sigma_b_env2diet	-0.01	0.07
sigma_b_env2diet_env3	0.18	0.08
sigma_b_env2diet_env2	0.04	0.14
sigma_b_env2diet_freq	0.05	0.07
sigma_b_env2diet_part4	0.00	0.08
sigma_b_env2diet_part3	0.15	0.08
sigma_b_env2diet_part2	0.07	0.07
sigma_b_env2diet_ascbprec	0.09	0.07

sigma_b_env2diet_ascbage	-0.09	0.06
sigma_b_env2diet_ascb	-0.05	0.07
sigma_b_env3diet	-0.03	0.02
sigma_b_env3diet_env2diet	0.00	0.03
sigma_b_env3diet_env3	0.13	0.13
sigma_b_env3diet_env2	0.01	0.10
sigma_b_env3diet_freq	0.00	0.09
sigma_b_env3diet_part4	0.00	0.05
sigma_b_env3diet_part3	0.10	0.06
sigma_b_env3diet_part2	0.06	0.05
sigma_b_env3diet_ascbprec	0.07	0.06
sigma_b_env3diet_ascbage	-0.05	0.05
sigma_b_env3diet_ascb	-0.03	0.04
sigma_b_se2	-0.01	0.36
sigma_b_se2_env3diet	0.15	0.17
sigma_b_se2_env2diet	0.20	0.22
sigma_b_se2_env3	0.47	0.38
sigma_b_se2_env2	0.52	0.29
sigma_b_se2_freq	0.05	0.22
sigma_b_se2_part4	-0.19	0.21
sigma_b_se2_part3	0.06	0.33
sigma_b_se2_part2	0.00	0.18
sigma_b_se2_ascbprec	0.16	0.37
sigma_b_se2_ascbage	-0.08	0.45
sigma_b_se2_ascb	3.29	0.75
sigma_b_se3	0.24	0.16
sigma_b_se3_se2	0.26	0.48
sigma_b_se3_env3diet	-0.06	0.18
sigma_b_se3_env2diet	0.19	0.31
sigma_b_se3_env3	0.76	0.40
sigma_b_se3_env2	1.10	0.32
sigma_b_se3_freq	-0.23	0.31
sigma_b_se3_part4	-0.33	0.30
sigma_b_se3_part3	0.48	0.51
sigma_b_se3_part2	-0.73	0.32
sigma_b_se3_ascbprec	-0.25	0.36
sigma_b_se3_ascbage	-1.06	0.52
sigma_b_se3_ascb	3.53	0.95