Exp. 1

This document provides the model outputs for the models investigating the research questions (I), (II) and (IIIa), as well as for the models investigating the research question (IIIb) for Exp. 1. For each model, we provide the posterior of the variables (expected mean, 95% highest posterior density interval). The fixed effects are the following:

cprior = centered prior

cai = centered at-issueness

Exp. 1: Model outputs for the models investigating questions (I), (II) and (IIIa)

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.20	[0.08,0.32]	Intercept	0.18	[0.01,0.34]	Intercept	0.22	[0.03,0.41]
phi_Intercept	0.18	[0.05, 0.32]	phi_Intercept	0.33	[0.15, 0.5]	phi_Intercept	0.21	[0.05, 0.39]
cprior	0.64	[0.22, 1.07]	cprior	1.01	[0.46, 1.56]	cprior	0.36	[-0.22, 0.97]
cai	1.12	[0.71, 1.54]	cai	1.14	[0.54, 1.79]	cai	1.20	[0.65, 1.75]
cprior:cai	-0.72	[-1.69,0.23]	cprior:cai	-0.46	[-1.81,0.9]	cprior:cai	-0.93	[-2.31, 0.42]
phi_cprior	0.07	[-0.23,0.38]	phi_cprior	0.20	[-0.29,0.69]	phi_cprior	-0.03	[-0.47, 0.42]
phi_cai	-0.20	[-0.47, 0.07]	phi_cai	-0.40	[-0.8, 0.01]	phi_cai	-0.02	[-0.43, 0.38]
phi_cprior:cai	0.94	[0.12, 1.75]	phi_cprior:cai	1.04	[-0.26, 2.35]	phi_cprior:cai	1.05	[-0.09,2.18]

(a) Full data, acknowledge

(b) proj/ai subset, acknowledge

(c) ai/proj subset, acknowledge

Table 1: Model outputs for acknowledge

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.00	[-0.11,0.12]	Intercept	0.05	[-0.11,0.21]	Intercept	-0.02	[-0.19,0.16]
phi_Intercept	0.29	[0.17, 0.41]	phi_Intercept	0.48	[0.29, 0.7]	phi_Intercept	0.27	[0.09, 0.46]
cprior	0.67	[0.24, 1.11]	cprior	0.82	[0.14, 1.48]	cprior	0.55	[-0.02, 1.13]
cai	0.91	[0.45, 1.36]	cai	0.73	[0.22, 1.23]	cai	0.94	[0.33, 1.52]
cprior:cai	0.29	[-0.62, 1.18]	cprior:cai	0.14	[-1.08, 1.37]	cprior:cai	0.40	[-0.93, 1.72]
phi_cprior	0.03	[-0.28,0.33]	phi_cprior	0.11	[-0.33, 0.55]	phi_cprior	0.07	[-0.39, 0.53]
phi_cai	-0.37	[-0.64, -0.1]	phi_cai	-0.57	[-0.97,-0.16]	phi_cai	-0.26	[-0.64, 0.12]
phi_cprior:cai	0.82	[0.02, 1.64]	phi_cprior:cai	1.51	[0.32, 2.69]	phi_cprior:cai	0.16	[-1.07,1.39]

(a) Full data, *admit* (b) proj/ai subset, *admit* (c) ai/proj subset, *admit*

Table 2: Model outputs for admit

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.25	[-0.38,-0.12]	Intercept	-0.17	[-0.41,0.07]	Intercept	-0.32	[-0.5,-0.15]
phi_Intercept	0.27	[0.14, 0.42]	phi_Intercept	0.49	[0.25, 0.77]	phi_Intercept	0.33	[0.15, 0.51]
cprior	0.83	[0.35,1.3]	cprior	0.91	[0.14, 1.63]	cprior	0.77	[0.2, 1.33]
cai	0.78	[0.44, 1.13]	cai	0.74	[0.26, 1.23]	cai	0.79	[0.31, 1.28]
cprior:cai	-0.57	[-1.53,0.39]	cprior:cai	-0.99	[-2.42, 0.47]	cprior:cai	-0.31	[-1.63,0.95]
phi_cprior	-0.25	[-0.57, 0.07]	phi_cprior	0.20	[-0.33, 0.76]	phi_cprior	-0.40	[-0.84, 0.04]
phi_cai	-0.61	[-0.87, -0.34]	phi_cai	-0.50	[-0.94, -0.05]	phi_cai	-0.78	[-1.17,-0.38]
phi_cprior:cai	0.03	[-0.81,0.87]	phi_cprior:cai	0.08	[-1.29,1.45]	phi_cprior:cai	-0.06	[-1.22,1.1]

(a) Full data, announce (b) proj/ai subset, announce (c) ai/proj subset, announce

Table 3: Model outputs for announce

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	1.56	[1.41,1.72]	Intercept	1.60	[1.42,1.78]	Intercept	1.62	[1.39,1.85]
phi_Intercept	0.85	[0.66, 1.06]	phi_Intercept	1.14	[0.93, 1.36]	phi_Intercept	0.96	[0.7, 1.26]
cprior	1.07	[0.66, 1.48]	cprior	1.91	[1.38,2.43]	cprior	0.04	[-0.55, 0.65]
cai	1.93	[1.43,2.44]	cai	1.68	[0.97, 2.43]	cai	2.51	[1.73,3.37]
cprior:cai	1.05	[-0.49, 2.6]	cprior:cai	2.86	[0.75, 4.99]	cprior:cai	-2.18	[-4.52,0.16]
phi_cprior	1.12	[0.7, 1.53]	phi_cprior	2.18	[1.62,2.73]	phi_cprior	-0.24	[-0.87, 0.39]
phi_cai	0.39	[-0.07, 0.83]	phi_cai	-0.13	[-0.98,0.69]	phi_cai	1.06	[0.42, 1.71]
phi_cprior:cai	2.11	[0.81, 3.38]	phi_cprior:cai	3.42	[1.09,5.88]	phi_cprior:cai	-0.24	[-2.25,1.73]

(a) Full data, be annoyed

(b) proj/ai subset, be annoyed

(c) ai/proj subset, be annoyed

Table 4: Model outputs for be annoyed

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-1.20	[-1.33,-1.06]	Intercept	-1.04	[-1.2,-0.87]	Intercept	-1.36	[-1.54,-1.16]
phi_Intercept	0.62	[0.48, 0.76]	phi_Intercept	0.77	[0.57, 0.98]	phi_Intercept	0.72	[0.52, 0.91]
cprior	1.24	[0.84, 1.64]	cprior	1.49	[0.96, 2.02]	cprior	1.02	[0.42, 1.61]
cai	1.21	[0.68, 1.76]	cai	0.81	[0.1, 1.56]	cai	1.46	[0.64,2.3]
cprior:cai	0.30	[-1.24,1.81]	cprior:cai	1.49	[-0.42, 3.41]	cprior:cai	-1.36	[-3.92, 1.24]
phi_cprior	-1.14	[-1.5, -0.78]	phi_cprior	-0.89	[-1.38,-0.37]	phi_cprior	-1.29	[-1.83,-0.75]
phi_cai	-0.36	[-0.82,0.09]	phi_cai	0.08	[-0.68, 0.81]	phi_cai	-0.50	[-1.21, 0.24]
phi_cprior:cai	0.60	[-0.8, 1.99]	phi_cprior:cai	0.43	[-1.48,2.36]	phi_cprior:cai	1.26	[-1.24,3.79]

(a) Full data, be right

(b) proj/ai subset, be right

(c) ai/proj subset, be right

Table 5: Model outputs for be right

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.07	[-0.21,0.07]	Intercept	0.06	[-0.17,0.29]	Intercept	-0.16	[-0.35,0.03]
phi_Intercept	0.27	[0.15, 0.38]	phi_Intercept	0.51	[0.29, 0.78]	phi_Intercept	0.30	[0.12, 0.48]
cprior	0.61	[0.17, 1.04]	cprior	0.83	[0.2, 1.45]	cprior	0.46	[-0.12, 1.06]
cai	0.85	[0.38, 1.31]	cai	0.85	[0.32, 1.38]	cai	0.82	[0.11, 1.54]
cprior:cai	-0.37	[-1.32,0.61]	cprior:cai	-0.04	[-1.41,1.36]	cprior:cai	-0.33	[-1.66,0.98]
phi_cprior	0.02	[-0.29, 0.33]	phi_cprior	-0.03	[-0.55,0.48]	phi_cprior	-0.04	[-0.5, 0.42]
phi_cai	-0.33	[-0.61, -0.06]	phi_cai	-0.19	[-0.63,0.25]	phi_cai	-0.58	[-1,-0.16]
phi_cprior:cai	0.73	[-0.08, 1.53]	phi_cprior:cai	1.30	[0.1, 2.53]	phi_cprior:cai	0.33	[-0.93,1.57]

(a) Full data, confess

(b) proj/ai subset, confess

(c) ai/proj subset, confess

Table 6: Model outputs for confess

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.90	[-1.03,-0.77]	Intercept	-0.80	[-0.95,-0.65]	Intercept	-0.99	[-1.18,-0.8]
phi_Intercept	0.50	[0.37, 0.64]	phi_Intercept	0.73	[0.51, 0.98]	phi_Intercept	0.51	[0.33, 0.69]
cprior	0.91	[0.54, 1.28]	cprior	0.87	[0.39, 1.36]	cprior	1.06	[0.48, 1.63]
cai	0.78	[0.38, 1.18]	cai	0.58	[-0.02, 1.19]	cai	0.92	[0.33, 1.54]
cprior:cai	-0.43	[-1.46,0.61]	cprior:cai	-0.19	[-1.6,1.23]	cprior:cai	-0.75	[-2.31,0.83]
phi_cprior	-0.80	[-1.12, -0.47]	phi_cprior	-0.89	[-1.37, -0.41]	phi_cprior	-0.75	[-1.28,-0.23]
phi_cai	-0.58	[-0.92, -0.25]	phi_cai	-0.38	[-0.91,0.13]	phi_cai	-0.77	[-1.26, -0.3]
phi_cprior:cai	1.06	[0.16, 1.97]	phi_cprior:cai	0.55	[-0.81, 1.89]	phi_cprior:cai	1.26	[-0.17, 2.67]

(a) Full data, confirm

(b) proj/ai subset, confirm

(c) ai/proj subset, confirm

Table 7: Model outputs for confirm

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.50	[-0.63,-0.37]	Intercept	-0.31	[-0.51,-0.11]	Intercept	-0.70	[-0.9,-0.51]
phi_Intercept	0.41	[0.29, 0.53]	phi_Intercept	0.64	[0.45, 0.83]	phi_Intercept	0.51	[0.34, 0.69]
cprior	0.92	[0.54, 1.32]	cprior	0.73	[0.19, 1.27]	cprior	1.17	[0.66, 1.69]
cai	0.41	[0.04, 0.77]	cai	0.59	[-0.09, 1.27]	cai	-0.03	[-0.56, 0.52]
cprior:cai	-0.31	[-1.25,0.62]	cprior:cai	-0.57	[-1.87,0.72]	cprior:cai	0.53	[-0.87, 1.94]
phi_cprior	-0.25	[-0.57, 0.07]	phi_cprior	-0.18	[-0.68, 0.31]	phi_cprior	-0.53	[-1,-0.07]
phi_cai	-0.38	[-0.68, -0.1]	phi_cai	-0.37	[-0.82, 0.09]	phi_cai	-0.03	[-0.49, 0.43]
phi_cprior:cai	0.19	[-0.61,1.04]	_phi_cprior:cai	0.49	[-0.73,1.7]	phi_cprior:cai	-0.75	[-2.03,0.56]

(a) Full data, demonstrate

(b) proj/ai subset, demonstrate

(c) ai/proj subset, demonstrate

Table 8: Model outputs for *demonstrate*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.39	[0.26,0.51]	Intercept	0.44	[0.23,0.66]	Intercept	0.36	[0.19,0.54]
phi_Intercept	0.17	[0.05, 0.3]	phi_Intercept	0.45	[0.23, 0.68]	phi_Intercept	0.14	[-0.03, 0.32]
cprior	0.60	[0.19, 0.99]	cprior	0.91	[0.33, 1.48]	cprior	0.34	[-0.2, 0.89]
cai	1.06	[0.68, 1.44]	cai	1.18	[0.68, 1.7]	cai	1.06	[0.47, 1.66]
cprior:cai	0.01	[-0.94,0.99]	cprior:cai	0.14	[-1.21,1.49]	cprior:cai	-0.14	[-1.55,1.27]
phi_cprior	0.34	[0.03, 0.65]	phi_cprior	0.56	[0.06, 1.07]	phi_cprior	0.27	[-0.19, 0.72]
phi_cai	-0.19	[-0.46, 0.1]	phi_cai	-0.28	[-0.76,0.19]	phi_cai	-0.20	[-0.61, 0.21]
phi_cprior:cai	0.09	[-0.69, 0.86]	phi_cprior:cai	0.24	[-1.04, 1.51]	phi_cprior:cai	-0.01	[-1.15, 1.08]

(a) Full data, discover

(b) proj/ai subset, discover

(c) ai/proj subset, discover

Table 9: Model outputs for *discover*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.91	[-1.03,-0.79]	Intercept	-0.78	[-0.96,-0.59]	Intercept	-1.04	[-1.21,-0.87]
phi_Intercept	0.48	[0.35, 0.6]	phi_Intercept	0.60	[0.43, 0.77]	phi_Intercept	0.56	[0.38, 0.74]
cprior	1.02	[0.63, 1.41]	cprior	1.29	[0.74, 1.84]	cprior	0.83	[0.28, 1.37]
cai	-0.04	[-0.46, 0.36]	cai	0.31	[-0.25, 0.89]	cai	-0.52	[-1.07, 0.04]
cprior:cai	0.28	[-0.81, 1.39]	cprior:cai	-0.31	[-1.84,1.21]	cprior:cai	1.03	[-0.51, 2.58]
phi_cprior	-0.41	[-0.77, -0.07]	phi_cprior	-0.35	[-0.85, 0.14]	phi_cprior	-0.52	[-1.02, -0.02]
phi_cai	0.14	[-0.22, 0.49]	phi_cai	-0.17	[-0.68, 0.34]	phi_cai	0.68	[0.14, 1.22]
phi_cprior:cai	-0.46	[-1.46,0.55]	phi_cprior:cai	0.66	[-0.79, 2.12]	phi_cprior:cai	-1.49	[-3.03,0.04]

(a) Full data, establish

(b) proj/ai subset, establish

(c) ai/proj subset, establish

Table 10: Model outputs for establish

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.49	[0.36,0.61]	Intercept	0.46	[0.29,0.62]	Intercept	0.45	[0.26,0.63]
phi_Intercept	0.23	[0.11, 0.35]	phi_Intercept	0.45	[0.28, 0.64]	phi_Intercept	0.22	[0.04, 0.39]
cprior	0.75	[0.37, 1.13]	cprior	0.86	[0.34, 1.38]	cprior	0.67	[0.1, 1.24]
cai	1.28	[0.92, 1.64]	cai	1.49	[1.01,1.96]	cai	1.22	[0.66, 1.8]
cprior:cai	-0.05	[-1.05,0.95]	cprior:cai	-1.53	[-2.82, -0.23]	cprior:cai	1.35	[-0.15, 2.87]
phi_cprior	0.60	[0.26, 0.95]	phi_cprior	0.50	[0.02,1]	phi_cprior	0.73	[0.21, 1.25]
phi_cai	-0.18	[-0.46,0.11]	phi_cai	-0.43	[-0.87, 0.03]	phi_cai	-0.20	[-0.67, 0.26]
phi_cprior:cai	-0.14	[-1.02,0.73]	phi_cprior:cai	0.27	[-1,1.53]	phi_cprior:cai	-0.15	[-1.53,1.22]

(a) Full data, hear

(b) proj/ai subset, hear

(c) ai/proj subset, hear

Table 11: Model outputs for hear

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.84	[0.71,0.97]	Intercept	0.88	[0.7,1.06]	Intercept	0.81	[0.63,1]
phi_Intercept	0.42	[0.3, 0.55]	phi_Intercept	0.64	[0.46, 0.82]	phi_Intercept	0.45	[0.26, 0.64]
cprior	0.32	[-0.08, 0.72]	cprior	1.10	[0.53, 1.66]	cprior	-0.34	[-0.92, 0.25]
cai	1.60	[1.21, 1.98]	cai	1.38	[0.85, 1.89]	cai	1.75	[1.11, 2.41]
cprior:cai	-0.11	[-1.16,0.92]	cprior:cai	-1.08	[-2.59, 0.46]	cprior:cai	0.29	[-1.28, 1.82]
phi_cprior	0.13	[-0.24,0.49]	phi_cprior	0.68	[0.08, 1.26]	phi_cprior	-0.09	[-0.6, 0.43]
phi_cai	0.45	[0.14, 0.77]	phi_cai	0.34	[-0.13,0.81]	phi_cai	0.31	[-0.2, 0.82]
phi_cprior:cai	-0.46	[-1.36,0.45]	phi_cprior:cai	-0.81	[-2.53,0.84]	phi_cprior:cai	-1.18	[-2.63,0.21]

(a) Full data, inform

(b) proj/ai subset, inform

(c) ai/proj subset, inform

Table 12: Model outputs for *inform*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	1.20	[1.06,1.34]	Intercept	1.09	[0.9,1.29]	Intercept	1.29	[1.09,1.48]
phi_Intercept	0.62	[0.46, 0.8]	phi_Intercept	0.73	[0.53, 0.93]	phi_Intercept	0.72	[0.5, 0.95]
cprior	1.33	[0.93, 1.72]	cprior	1.60	[1.02, 2.16]	cprior	1.00	[0.42, 1.57]
cai	1.79	[1.35,2.26]	cai	1.87	[1.31,2.44]	cai	1.88	[1.21,2.56]
cprior:cai	0.53	[-0.6, 1.63]	cprior:cai	0.47	[-1.09, 2.01]	cprior:cai	-0.23	[-1.99, 1.5]
phi_cprior	1.29	[0.91, 1.67]	phi_cprior	1.69	[1.15,2.23]	phi_cprior	0.83	[0.24, 1.43]
phi_cai	0.54	[0.18, 0.91]	phi_cai	0.33	[-0.19,0.85]	phi_cai	0.75	[0.21, 1.29]
phi_cprior:cai	1.24	[0.18,2.29]	phi_cprior:cai	1.52	[-0.07,3.17]	phi_cprior:cai	0.86	[-0.81,2.52]

(a) Full data, know

(b) proj/ai subset, know

(c) ai/proj subset, know

Table 13: Model outputs for know

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-1.30	[-1.45,-1.15]	Intercept	-1.27	[-1.48,-1.06]	Intercept	-1.37	[-1.56,-1.17]
phi_Intercept	0.68	[0.55, 0.82]	phi_Intercept	0.85	[0.65, 1.07]	phi_Intercept	0.77	[0.57,1]
cprior	0.78	[0.36, 1.19]	cprior	1.09	[0.54, 1.62]	cprior	0.52	[-0.08, 1.12]
cai	-1.49	[-1.97,-1.02]	cai	-1.27	[-1.96,-0.59]	cai	-1.83	[-2.51, -1.16]
cprior:cai	1.73	[0.49,3]	cprior:cai	1.76	[0.06, 3.49]	cprior:cai	1.27	[-0.53, 3.09]
phi_cprior	-0.77	[-1.12, -0.41]	phi_cprior	-1.16	[-1.69,-0.63]	phi_cprior	-0.31	[-0.87, 0.23]
phi_cai	0.78	[0.36, 1.2]	phi_cai	0.80	[0.17, 1.42]	phi_cai	0.84	[0.22, 1.46]
phi_cprior:cai	-1.68	[-2.81,-0.56]	phi_cprior:cai	-1.66	[-3.29,-0.07]	phi_cprior:cai	-1.73	[-3.44,0.01]

(a) Full data, pretend

(b) proj/ai subset, pretend

(c) ai/proj subset, pretend

Table 14: Model outputs for *pretend*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-1.02	[-1.17,-0.86]	Intercept	-0.97	[-1.17,-0.78]	Intercept	-1.07	[-1.27,-0.88]
phi_Intercept	0.70	[0.53, 0.92]	phi_Intercept	0.91	[0.63, 1.23]	phi_Intercept	0.67	[0.47, 0.89]
cprior	1.06	[0.66, 1.46]	cprior	1.20	[0.66, 1.75]	cprior	0.72	[0.15, 1.29]
cai	0.13	[-0.37, 0.63]	cai	0.48	[-0.05, 1.02]	cai	-0.28	[-0.88, 0.35]
cprior:cai	0.26	[-0.77, 1.32]	cprior:cai	-0.01	[-1.46,1.46]	cprior:cai	0.14	[-1.35,1.65]
phi_cprior	-0.70	[-1.11, -0.3]	phi_cprior	-1.03	[-1.62, -0.44]	phi_cprior	-0.39	[-0.94, 0.17]
phi_cai	0.01	[-0.35, 0.37]	phi_cai	-0.05	[-0.55, 0.44]	phi_cai	0.28	[-0.27, 0.82]
phi_cprior:cai	0.14	[-0.88, 1.15]	phi_cprior:cai	-0.23	[-1.78,1.3]	phi_cprior:cai	0.39	[-1.1,1.89]

(a) Full data, prove

(b) proj/ai subset, prove

(c) ai/proj subset, prove

Table 15: Model outputs for *prove*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.10	[-0.03,0.23]	Intercept	0.27	[0.08,0.45]	Intercept	-0.07	[-0.26,0.13]
phi_Intercept	0.12	[0.01, 0.24]	phi_Intercept	0.25	[0.09, 0.42]	phi_Intercept	0.23	[0.05, 0.42]
cprior	0.45	[0.02, 0.92]	cprior	0.62	[0.07, 1.18]	cprior	0.34	[-0.35, 1.08]
cai	0.87	[0.5, 1.23]	cai	0.56	[0.08, 1.05]	cai	1.23	[0.76, 1.69]
cprior:cai	-0.20	[-1.15, 0.74]	cprior:cai	0.32	[-0.99,1.66]	cprior:cai	-0.61	[-2,0.76]
phi_cprior	0.17	[-0.18, 0.52]	phi_cprior	0.29	[-0.17, 0.76]	phi_cprior	0.17	[-0.41, 0.76]
phi_cai	-0.36	[-0.63, -0.09]	phi_cai	-0.24	[-0.61, 0.14]	phi_cai	-0.56	[-0.98,-0.16]
phi_cprior:cai	0.16	[-0.68,0.97]	phi_cprior:cai	0.63	[-0.5, 1.77]	phi_cprior:cai	-0.06	[-1.46,1.31]

(a) Full data, reveal (b) proj/ai subset, reveal (c) ai/proj subset, reveal

Table 16: Model outputs for *reveal*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-1.21	[-1.34,-1.09]	Intercept	-1.13	[-1.3,-0.96]	Intercept	-1.34	[-1.52,-1.16]
phi_Intercept	0.70	[0.54, 0.86]	phi_Intercept	0.91	[0.72, 1.1]	phi_Intercept	0.79	[0.55, 1.04]
cprior	0.71	[0.29, 1.13]	cprior	1.18	[0.5, 1.83]	cprior	0.23	[-0.36, 0.82]
cai	-0.21	[-0.62, 0.19]	cai	-0.40	[-0.91,0.11]	cai	-0.04	[-0.69, 0.61]
cprior:cai	0.82	[-0.34, 1.94]	cprior:cai	1.06	[-0.39, 2.52]	cprior:cai	0.61	[-1.17, 2.37]
phi_cprior	-0.45	[-0.82, -0.08]	phi_cprior	-0.87	[-1.38,-0.36]	phi_cprior	0.02	[-0.55, 0.58]
phi_cai	0.26	[-0.14, 0.64]	phi_cai	0.26	[-0.27, 0.77]	phi_cai	0.23	[-0.44, 0.87]
phi_cprior:cai	-0.71	[-1.82,0.39]	phi_cprior:cai	-0.83	[-2.31,0.66]	phi_cprior:cai	-0.55	[-2.5,1.39]

(a) Full data, say (b) proj/ai subset, say (c) ai/proj subset, say

Table 17: Model outputs for say

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.62	[0.48,0.76]	Intercept	0.58	[0.4,0.75]	Intercept	0.72	[0.5,0.94]
phi_Intercept	0.18	[0.05, 0.3]	phi_Intercept	0.40	[0.18, 0.64]	phi_Intercept	0.25	[0.04, 0.47]
cprior	0.85	[0.46, 1.23]	cprior	0.92	[0.37, 1.49]	cprior	0.95	[0.36, 1.54]
cai	1.03	[0.61, 1.44]	cai	1.47	[0.79, 2.18]	cai	0.76	[0.22,1.3]
cprior:cai	-0.69	[-1.68,0.27]	cprior:cai	-2.14	[-3.64,-0.67]	cprior:cai	0.74	[-0.69, 2.12]
phi_cprior	0.34	[0.03, 0.64]	phi_cprior	0.21	[-0.27, 0.7]	phi_cprior	0.54	[0.05, 1.03]
phi_cai	-0.07	[-0.37, 0.22]	phi_cai	-0.40	[-0.9, 0.08]	phi_cai	0.01	[-0.47, 0.49]
phi_cprior:cai	0.16	[-0.63,0.95]	phi_cprior:cai	-0.00	[-1.4, 1.41]	phi_cprior:cai	0.88	[-0.36,2.18]

(a) Full data, see (b) proj/ai subset, see (c) ai/proj subset, see

Table 18: Model outputs for see

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-1.31	[-1.43,-1.19]	Intercept	-1.13	[-1.3,-0.97]	Intercept	-1.47	[-1.66,-1.29]
phi_Intercept	0.93	[0.79, 1.09]	phi_Intercept	1.06	[0.86, 1.25]	phi_Intercept	1.01	[0.79, 1.25]
cprior	1.30	[0.9, 1.69]	cprior	1.33	[0.79, 1.87]	cprior	1.29	[0.74, 1.85]
cai	-0.30	[-0.68, 0.06]	cai	-0.28	[-0.76, 0.21]	cai	-0.31	[-0.86, 0.24]
cprior:cai	-0.22	[-1.36,0.92]	cprior:cai	-0.35	[-1.88,1.17]	cprior:cai	-0.04	[-1.77, 1.71]
phi_cprior	-0.91	[-1.31, -0.52]	phi_cprior	-0.93	[-1.48,-0.38]	phi_cprior	-1.02	[-1.6,-0.43]
phi_cai	0.12	[-0.25, 0.5]	phi_cai	0.06	[-0.46, 0.56]	phi_cai	0.27	[-0.32, 0.86]
phi_cprior:cai	0.04	[-1.16,1.22]	phi_cprior:cai	-0.43	[-2.05, 1.24]	phi_cprior:cai	0.46	[-1.43,2.31]

(a) Full data, suggest (b) proj/ai subset, suggest (c) ai/proj subset, suggest

Table 19: Model outputs for suggest

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-1.18	[-1.3,-1.06]	Intercept	-1.10	[-1.27,-0.93]	Intercept	-1.28	[-1.45,-1.1]
phi_Intercept	0.76	[0.63, 0.9]	phi_Intercept	0.89	[0.69, 1.11]	phi_Intercept	0.86	[0.66, 1.05]
cprior	1.03	[0.64, 1.44]	cprior	1.22	[0.68, 1.76]	cprior	0.85	[0.26, 1.43]
cai	-0.57	[-0.95, -0.19]	cai	-0.26	[-0.81,0.29]	cai	-0.83	[-1.34,-0.32]
cprior:cai	-0.64	[-1.7,0.46]	cprior:cai	-1.02	[-2.54,0.53]	cprior:cai	-0.46	[-1.98,1.08]
phi_cprior	-0.32	[-0.72, 0.05]	phi_cprior	-0.63	[-1.18,-0.08]	phi_cprior	-0.09	[-0.68, 0.52]
phi_cai	0.36	[0,0.73]	phi_cai	0.21	[-0.37, 0.81]	phi_cai	0.47	[-0.05, 0.98]
_phi_cprior:cai	-0.19	[-1.28,0.89]	phi_cprior:cai	0.30	[-1.37,1.98]	phi_cprior:cai	-0.12	[-1.7,1.48]

(a) Full data, think (b) proj/ai subset, think (c) ai/proj subset, think

Table 20: Model outputs for *think*

Exp. 1: Model outputs for the models investigating question (IIIb)

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.43	[0.3,0.55]	Intercept	0.45	[0.27,0.63]	Intercept	0.38	[0.21,0.55]
phi_Intercept	-0.06	[-0.17,0.05]	phi_Intercept	-0.02	[-0.18, 0.12]	phi_Intercept	0.05	[-0.11, 0.21]
cprior	-0.02	[-0.41, 0.38]	cprior	0.04	[-0.51,0.61]	cprior	-0.05	[-0.64, 0.57]
phi_cprior	0.05	[-0.25, 0.35]	phi_cprior	0.28	[-0.17,0.71]	phi_cprior	-0.19	[-0.61,0.21]

(a) Full data, acknowledge

(b) proj/ai subset, acknowledge

(c) ai/proj subset, acknowledge

Table 21: Model outputs for acknowledge

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.28	[0.15,0.41]	Intercept	0.32	[0.14,0.51]	Intercept	0.23	[0.05,0.41]
phi_Intercept	-0.09	[-0.19, 0.02]	phi_Intercept	0.02	[-0.12, 0.17]	phi_Intercept	-0.05	[-0.2, 0.1]
cprior	-0.28	[-0.65,0.09]	cprior	-0.14	[-0.64,0.38]	cprior	-0.41	[-0.94,0.13]
phi_cprior	-0.02	[-0.31,0.27]	phi_cprior	-0.19	[-0.59,0.21]	phi_cprior	0.16	[-0.27,0.6]

(a) Full data, admit

(b) proj/ai subset, admit

(c) ai/proj subset, admit

Table 22: Model outputs for admit

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.31	[0.16,0.47]	Intercept	0.29	[0.1,0.47]	Intercept	0.31	[0.12,0.5]
phi_Intercept	-0.00	[-0.12,0.12]	phi_Intercept	0.09	[-0.09, 0.27]	phi_Intercept	0.06	[-0.1,0.21]
cprior	0.05	[-0.34,0.45]	cprior	0.15	[-0.4, 0.68]	cprior	-0.00	[-0.57, 0.59]
phi_cprior	0.09	[-0.23,0.41]	phi_cprior	0.39	[-0.07, 0.85]	phi_cprior	-0.21	[-0.65,0.23]

(a) Full data, announce

(b) proj/ai subset, announce

(c) ai/proj subset, announce

Table 23: Model outputs for announce

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	1.42	[1.24,1.62]	Intercept	1.46	[1.25,1.68]	Intercept	1.33	[1.1,1.59]
phi_Intercept	0.43	[0.24, 0.65]	phi_Intercept	0.48	[0.27, 0.72]	phi_Intercept	0.47	[0.25, 0.75]
cprior	-0.35	[-0.79, 0.1]	cprior	-0.15	[-0.75, 0.46]	cprior	-0.48	[-1.09,0.13]
phi_cprior	-0.53	[-0.95,-0.12]	phi_cprior	-0.27	[-0.87,0.31]	phi_cprior	-0.73	[-1.32,-0.14]

(a) Full data, be annoyed

(b) proj/ai subset, be annoyed

(c) ai/proj subset, be annoyed

Table 24: Model outputs for be annoyed

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-1.24	[-1.37,-1.11]	Intercept	-1.27	[-1.48,-1.07]	Intercept	-1.21	[-1.41,-1.02]
phi_Intercept	0.40	[0.27, 0.53]	phi_Intercept	0.56	[0.37, 0.76]	phi_Intercept	0.43	[0.23, 0.65]
cprior	-0.20	[-0.63, 0.22]	cprior	-0.11	[-0.68, 0.47]	cprior	-0.19	[-0.81, 0.44]
phi_cprior	0.35	[-0.05,0.74]	phi_cprior	0.59	[0.04,1.14]	phi_cprior	-0.07	[-0.69,0.54]

(a) Full data, be right

(b) proj/ai subset, be right

(c) ai/proj subset, be right

Table 25: Model outputs for be right

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.25	[0.11,0.39]	Intercept	0.29	[0.09,0.5]	Intercept	0.22	[0.04,0.39]
phi_Intercept	-0.03	[-0.15,0.09]	phi_Intercept	0.09	[-0.11, 0.32]	phi_Intercept	0.02	[-0.13, 0.17]
cprior	-0.22	[-0.63, 0.2]	cprior	-0.14	[-0.82, 0.54]	cprior	-0.31	[-0.83, 0.22]
phi_cprior	0.02	[-0.29,0.34]	phi_cprior	0.15	[-0.36,0.68]	phi_cprior	-0.03	[-0.45,0.39]

(a) Full data, confess

(b) proj/ai subset, confess

(c) ai/proj subset, confess

Table 26: Model outputs for *confess*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.53	[-0.66,-0.41]	Intercept	-0.56	[-0.73,-0.37]	Intercept	-0.54	[-0.72,-0.35]
phi_Intercept	0.10	[-0.01, 0.21]	phi_Intercept	0.23	[0.07, 0.39]	phi_Intercept	0.14	[-0.04, 0.34]
cprior	-0.17	[-0.56,0.23]	cprior	0.12	[-0.38, 0.63]	cprior	-0.48	[-1,0.06]
phi_cprior	-0.29	[-0.57,0]	phi_cprior	-0.29	[-0.71,0.14]	phi_cprior	-0.22	[-0.64,0.2]

(a) Full data, confirm

(b) proj/ai subset, confirm

(c) ai/proj subset, confirm

Table 27: Model outputs for *confirm*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.16	[0.04,0.29]	Intercept	0.12	[-0.07,0.31]	Intercept	0.18	[0,0.37]
phi_Intercept	0.02	[-0.08,0.13]	phi_Intercept	0.04	[-0.12, 0.2]	phi_Intercept	0.17	[0.01, 0.33]
cprior	0.35	[-0.06, 0.75]	cprior	0.42	[-0.12,0.95]	cprior	0.30	[-0.29, 0.88]
phi_cprior	-0.09	[-0.38,0.2]	phi_cprior	-0.13	[-0.55,0.31]	phi_cprior	-0.08	[-0.54,0.37]

(a) Full data, demonstrate

(b) proj/ai subset, demonstrate

(c) ai/proj subset, demonstrate

Table 28: Model outputs for demonstrate

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.55	[0.42,0.68]	Intercept	0.59	[0.4,0.77]	Intercept	0.51	[0.34,0.68]
phi_Intercept	-0.01	[-0.12, 0.1]	phi_Intercept	0.08	[-0.08, 0.23]	phi_Intercept	0.05	[-0.11, 0.22]
cprior	0.14	[-0.35,0.62]	cprior	0.24	[-0.37,0.82]	cprior	-0.05	[-0.78, 0.65]
phi_cprior	0.15	[-0.16,0.46]	phi_cprior	-0.01	[-0.46,0.45]	phi_cprior	0.36	[-0.09, 0.79]

(a) Full data, discover

(b) proj/ai subset, discover

(c) ai/proj subset, discover

Table 29: Model outputs for discover

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.40	[-0.56,-0.24]	Intercept	-0.47	[-0.65,-0.28]	Intercept	-0.38	[-0.59,-0.17]
phi_Intercept	0.10	[-0.02,0.21]	phi_Intercept	0.24	[0.07, 0.41]	phi_Intercept	0.15	[-0.02, 0.33]
cprior	0.33	[-0.13, 0.79]	cprior	0.29	[-0.38, 0.97]	cprior	0.46	[-0.2, 1.15]
phi_cprior	0.07	[-0.23,0.36]	phi_cprior	0.32	[-0.14,0.78]	phi_cprior	-0.17	[-0.62,0.26]

(a) Full data, establish

(b) proj/ai subset, establish

(c) ai/proj subset, establish

Table 30: Model outputs for establish

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.66	[0.53,0.8]	Intercept	0.72	[0.53,0.91]	Intercept	0.60	[0.42,0.78]
phi_Intercept	-0.05	[-0.16,0.07]	phi_Intercept	0.04	[-0.13, 0.2]	phi_Intercept	0.03	[-0.12,0.19]
cprior	0.53	[0.15, 0.92]	cprior	0.13	[-0.44, 0.7]	cprior	0.90	[0.34, 1.46]
phi_cprior	0.33	[0.02,0.63]	phi_cprior	0.08	[-0.36,0.52]	phi_cprior	0.54	[0.1,0.98]

(a) Full data, hear (b) proj/ai subset, hear (c) ai/proj subset, hear

Table 31: Model outputs for *hear*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.81	[0.67,0.94]	Intercept	0.82	[0.64,1.01]	Intercept	0.79	[0.61,0.97]
phi_Intercept	0.03	[-0.09,0.15]	phi_Intercept	0.13	[-0.04, 0.31]	phi_Intercept	0.08	[-0.08, 0.25]
cprior	-0.11	[-0.5, 0.28]	cprior	-0.10	[-0.66,0.47]	cprior	-0.12	[-0.73, 0.48]
phi_cprior	-0.07	[-0.39,0.26]	phi_cprior	-0.04	[-0.51,0.42]	phi_cprior	-0.14	[-0.61,0.33]

(a) Full data, inform (b) proj/ai subset, inform (c) ai/proj subset, inform

Table 32: Model outputs for *inform*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.92	[0.79,1.06]	Intercept	1.07	[0.88,1.26]	Intercept	0.79	[0.59,0.99]
phi_Intercept	-0.01	[-0.13,0.11]	phi_Intercept	0.16	[-0.01, 0.33]	phi_Intercept	0.00	[-0.17, 0.18]
cprior	-0.39	[-0.82,0.05]	cprior	-0.64	[-1.21, -0.06]	cprior	-0.16	[-0.74, 0.43]
phi_cprior	-0.32	[-0.67,0.02]	phi_cprior	-0.44	[-0.94,0.06]	phi_cprior	-0.30	[-0.78, 0.17]

(a) Full data, *know* (b) proj/ai subset, *know* (c) ai/proj subset, *know*

Table 33: Model outputs for *know*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.88	[0.74,1]	Intercept	0.85	[0.66,1.03]	Intercept	0.93	[0.73,1.13]
phi_Intercept	0.19	[0.07, 0.32]	phi_Intercept	0.26	[0.08, 0.44]	phi_Intercept	0.33	[0.13, 0.55]
cprior	-0.68	[-1.1, -0.27]	cprior	-0.76	[-1.32, -0.2]	cprior	-0.64	[-1.22,-0.07]
phi_cprior	-0.37	[-0.7,-0.04]	phi_cprior	-0.44	[-0.91,0.03]	phi_cprior	-0.32	[-0.82,0.2]

(a) Full data, pretend

(b) proj/ai subset, pretend

(c) ai/proj subset, pretend

Table 34: Model outputs for *pretend*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.14	[-0.27,-0.02]	Intercept	-0.12	[-0.29,0.06]	Intercept	-0.19	[-0.37,-0.02]
phi_Intercept	-0.02	[-0.13,0.09]	phi_Intercept	0.07	[-0.09, 0.23]	phi_Intercept	0.09	[-0.07, 0.25]
cprior	-0.04	[-0.45, 0.36]	cprior	0.50	[-0.04, 1.04]	cprior	-0.58	[-1.19,0.02]
phi_cprior	-0.01	[-0.3,0.27]	phi_cprior	-0.02	[-0.45,0.4]	phi_cprior	-0.00	[-0.42,0.42]

(a) Full data, prove

(b) proj/ai subset, prove

(c) ai/proj subset, prove

Table 35: Model outputs for *prove*

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.30	[0.16,0.43]	Intercept	0.23	[0.06,0.4]	Intercept	0.34	[0.16,0.52]
phi_Intercept	-0.05	[-0.16,0.07]	phi_Intercept	0.06	[-0.09, 0.22]	phi_Intercept	-0.04	[-0.2, 0.12]
cprior	-0.09	[-0.52,0.36]	cprior	-0.06	[-0.63, 0.53]	cprior	0.00	[-0.56, 0.58]
phi_cprior	-0.25	[-0.55,0.05]	phi_cprior	-0.27	[-0.69,0.15]	phi_cprior	-0.17	[-0.61, 0.27]

(a) Full data, reveal

(b) proj/ai subset, reveal

(c) ai/proj subset, reveal

Table 36: Model outputs for reveal

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	-0.45	[-0.59,-0.31]	Intercept	-0.44	[-0.65,-0.24]	Intercept	-0.46	[-0.65,-0.29]
phi_Intercept	0.01	[-0.1, 0.12]	phi_Intercept	0.12	[-0.04, 0.29]	phi_Intercept	0.05	[-0.11, 0.2]
cprior	-0.53	[-0.9, -0.16]	cprior	-0.34	[-0.89,0.21]	cprior	-0.65	[-1.22,-0.09]
phi_cprior	0.32	[0.03,0.62]	phi_cprior	0.27	[-0.16,0.7]	phi_cprior	0.39	[-0.03,0.83]

(a) Full data, say (b) proj/ai subset, say

(c) ai/proj subset, say

Table 37: Model outputs for say

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.70	[0.57,0.83]	Intercept	0.75	[0.55,0.94]	Intercept	0.65	[0.47,0.83]
phi_Intercept	-0.02	[-0.14, 0.1]	phi_Intercept	0.09	[-0.08, 0.26]	phi_Intercept	0.02	[-0.15, 0.18]
cprior	-0.17	[-0.6, 0.24]	cprior	-0.05	[-0.61, 0.51]	cprior	-0.27	[-0.82, 0.29]
phi_cprior	0.09	[-0.21,0.39]	phi_cprior	0.25	[-0.19,0.7]	phi_cprior	-0.10	[-0.53,0.33]

(a) Full data, see

(b) proj/ai subset, see

(c) ai/proj subset, see

Table 38: Model outputs for see

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.00	[-0.15,0.16]	Intercept	-0.09	[-0.28,0.11]	Intercept	0.09	[-0.1,0.28]
phi_Intercept	0.01	[-0.09, 0.12]	phi_Intercept	0.09	[-0.07, 0.25]	phi_Intercept	0.13	[-0.04, 0.3]
cprior	-0.33	[-0.72, 0.07]	cprior	-0.50	[-1.03,0.02]	cprior	-0.15	[-0.89,0.61]
phi_cprior	0.18	[-0.11,0.47]	phi_cprior	0.20	[-0.23,0.64]	phi_cprior	0.33	[-0.13, 0.79]

(a) Full data, suggest

(b) proj/ai subset, suggest

(c) ai/proj subset, suggest

Table 39: Model outputs for suggest

	Expected mean	95% CrI		Expected mean	95% CrI		Expected mean	95% CrI
Intercept	0.39	[0.26,0.51]	Intercept	0.40	[0.22,0.59]	Intercept	0.36	[0.16,0.56]
phi_Intercept	-0.11	[-0.22,0]	phi_Intercept	-0.02	[-0.17,0.14]	phi_Intercept	-0.05	[-0.2, 0.11]
cprior	-0.32	[-0.77, 0.13]	cprior	-0.44	[-0.99,0.11]	cprior	-0.20	[-0.8, 0.42]
phi_cprior	0.00	[-0.3,0.3]	phi_cprior	0.02	[-0.4,0.44]	phi_cprior	0.05	[-0.41,0.52]

(a) Full data, think (b) proj/ai subset, think (c) ai/proj subset, think

Table 40: Model outputs for *think*