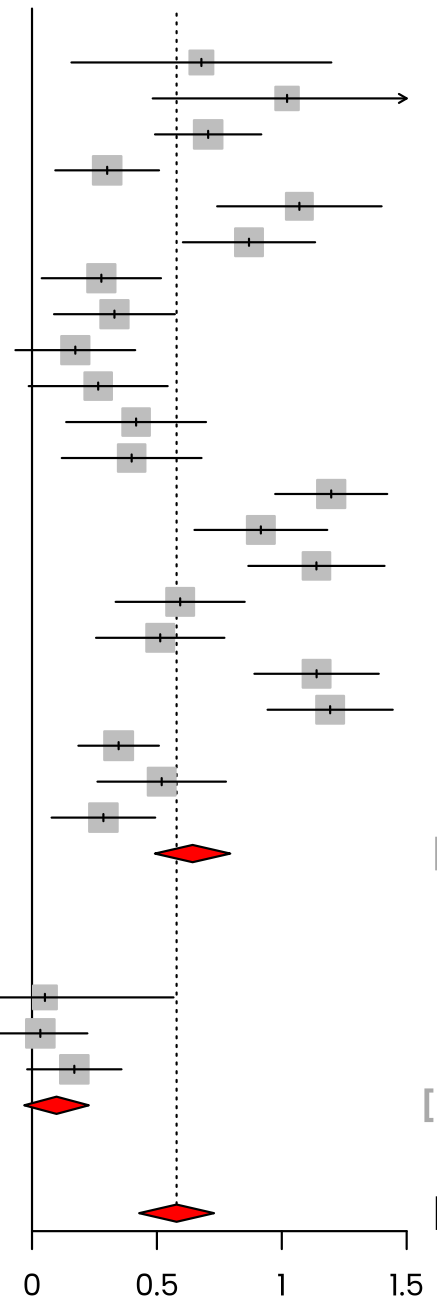
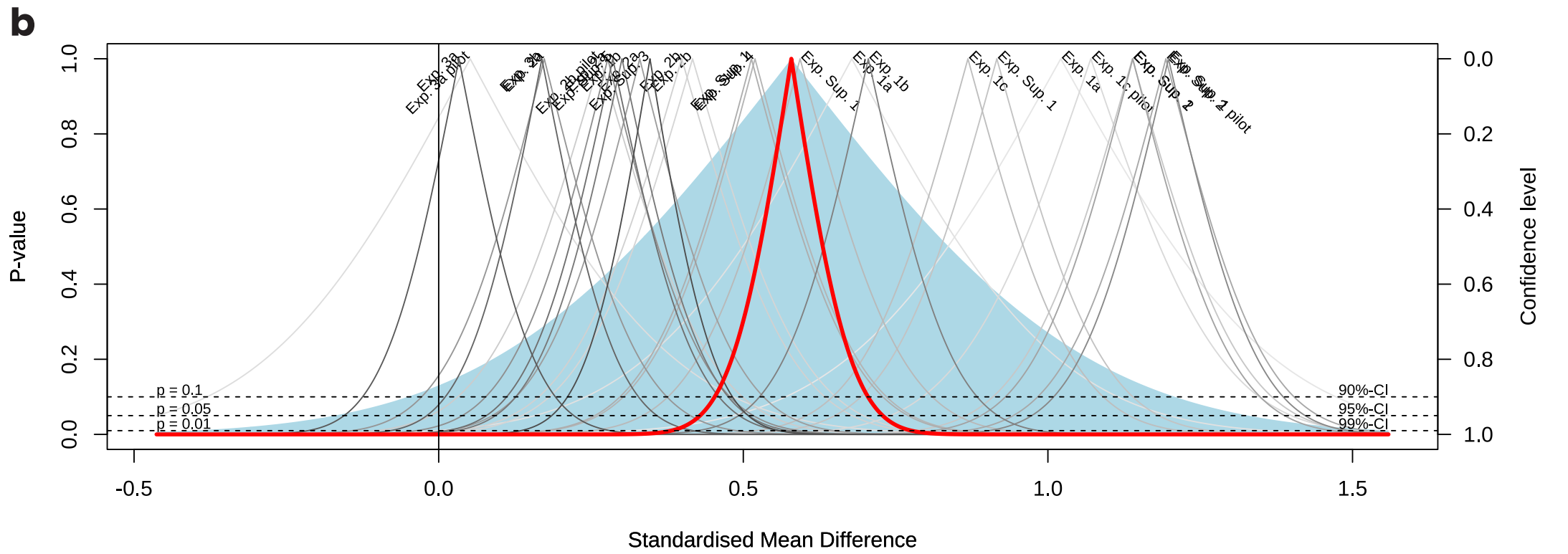
a

Study	N	SMD	95%-CI	Structure	Process	Valence	Presentation	Domain
continuous								
Exp. 1a	N = 60	0.68	[0.16; 1.20]	CC	gen.	pos.	two causes + graph	physiol.
Exp. 1a	N = 60	1.02	[0.48; 1.56]	CC	gen.	pos.	two causes + graph	physiol.
Exp. 1b	N = 360	0.71	[0.49; 0.92]	CC	gen.	pos.	two causes + graph	physiol.
Exp. 1b	N = 360	0.30	[0.09; 0.51]	CC	gen.	pos.	one cause + graph	physiol.
Exp. 1c pilot	N = 81	1.07	[0.74; 1.40]	CC	NA	NA	two causes + graph	NA
Exp. 1c	N = 120	0.87	[0.60; 1.13]	CC	NA	NA	two causes + graph	NA
Exp. 2a	N = 136	0.28	[0.04; 0.52]	Chain	gen.	neut.	one chain + graph	apples
Exp. 2a	N = 133	0.33	[0.09; 0.57]	Chain	gen.	neut.	one chain + graph	chemical
Exp. 2a	N = 134	0.17	[-0.07; 0.41]	Chain	gen.	neut.	one chain + graph	computer
Exp. 2b pilot	N = 100	0.26	[-0.01; 0.54]	Chain	NA	NA	one chain + graph	NA
Exp. 2b	N = 100	0.42	[0.14; 0.70]	Chain	NA	NA	two chains + graph	NA
Exp. 2b	N = 100	0.40	[0.12; 0.68]	Chain	NA	NA	two chains + graph	NA
Exp. Sup. 1 pilot	N = 120	1.20	[0.97; 1.42]	CC	gen.	pos.	two causes + graph	physiol.
Exp. Sup. 1	N = 120	0.92	[0.65; 1.18]	CC	gen.	pos.	two causes + graph	physiol.
Exp. Sup. 1	N = 120	1.14	[0.87; 1.41]	CC	gen.	neg.	two causes + graph	physiol.
Exp. Sup. 1	N = 120	0.59	[0.33; 0.85]	CC	prev.	pos.	two causes + graph	physiol.
Exp. Sup. 1	N = 120	0.51	[0.26; 0.77]	CC	prev.	neg.	two causes + graph	physiol.
Exp. Sup. 2	N = 144	1.14	[0.89; 1.39]	CC	gen.	pos.	three causes + graph	physiol.
Exp. Sup. 2	N = 144	1.19	[0.94; 1.44]	CC	gen.	pos.	three causes + graph	physiol.
Exp. Sup. 3	N = 300	0.35	[0.19; 0.51]	CC	gen.	neut.	two causes + graph	paranor.
Exp. Sup. 4	N = 120	0.52	[0.26; 0.78]	CC	NA	NA	two causes - graph	NA
Exp. Sup. 5	N = 180	0.29	[0.08; 0.49]	Chain	NA	NA	one chain - graph	NA
Random effects model		**0.64**	**[0.49; 0.79]**					
Heterogeneity: I^2 = 87%, p < 0.01								
binary								
Exp. 3a pilot	N = 29	0.05	[-0.46; 0.57]	CC	gen.	NA	three causes+ graph	electric.
Exp. 3a	N = 216	0.03	[-0.16; 0.22]	CC	gen.	NA	three causes+ graph	electric.
Exp. 3b	N = 216	0.17	[-0.02; 0.36]	CC	gen.	NA	three causes+ graph	electric.
Random effects model		**0.10**	**[-0.03; 0.23]**					
Heterogeneity: I^2 = 0%, p = 0.60								
Random effects model		**0.58**	**[0.43; 0.73]**					
Heterogeneity: I^2 = 89%, p < 0.01								



b