

Appendix.

Participant details, type of theory-of-mind (ToM) task, prosocial behavior measure, and effect size(s) for each of the 76 studies included in the present meta-analysis.

Study	Participants			Type of ToM task	Prosocial measure			Effect size (<i>r</i>)
	N	% male	Age		Type	Task	Motivation	
Rubin & Schneider (1973)	55	49%	7	VPT	Behavioral	Helping	Spontaneous	.44
	55*	49%	7	VPT	Behavioral	Sharing	Spontaneous	.31
Krebs & Sturup (1974)	24	50%	8 – 9	CPT	PI	Comforting	--	.391
	24*	50%	8 – 9	CPT	PI	Helping	--	.46
	24*	50%	8 – 9	CPT	TR	Prosocial	--	.41
	24*	50%	8 – 9	CPT	TR	Cooperating	--	.42
	24*	50%	8 – 9	CPT	TR	Cooperating	--	.42
Green (1975)	40	50%	5	APT	Behavioral	Helping	Spontaneous	.35
	20 Boys*	100%	5	APT	Behavioral	Helping	Spontaneous	.02
	20 Girls*	0%	5	APT	Behavioral	Helping	Spontaneous	.80
Johnson (1975)	104	--	11	APT	Behavioral	Cooperating	Spontaneous	.69
Johnson (1975b)	24	38%	9 – 11	APT	Behavioral	Cooperating	Spontaneous	.57
Rushton & Weiner (1975)	60	50%	7 & 11	CPT, VPT	Behavioral	Sharing	Spontaneous	.086
Barrett & Yarrow (1977)	79	49%	5 – 8	APT	PI	Comforting, Helping, Sharing	--	.020
	39 Boys*	100%	5 – 8	APT	PI	Comforting, Helping, Sharing	--	-.02
	40 Girls*	0%	5 – 8	APT	PI	Comforting, Helping, Sharing	--	.06
	40 Girls*	0%	5 – 8	APT	PI	Comforting, Helping, Sharing	--	.06

Feckzo (1977)	80	51%	10 – 11	CPT	PeR	Prosocial	--	-.04
Zahn-Waxler (1977)	29	50%	3	CPT, VPT	Behavioral	Aggregate	--	.34
	29*	50%	3	CPT, VPT	Behavioral	Comforting	--	.34
	28*	50%	3	CPT, VPT	Behavioral	Helping	--	.21
	26*	50%	3	CPT, VPT	Behavioral	Sharing	--	.36
Iannotti (1978)	30 Boys	100%	9	CPT	Behavioral	Sharing	Spontaneous	.48
Ahammer & Murray (1979)	97	49%	4	APT	Behavioral	Cooperating	Spontaneous	.21
	97*	49%	4	CPT	Behavioral	Cooperating	Spontaneous	.31
	97*	49%	4	CPT	Behavioral	Helping	Spontaneous	.21
Buckley et al. (1979)	40	58%	3 – 8	VPT	Behavioral	Helping, Sharing	Spontaneous	.43
Van Tassel (1979)	38	61%	3 – 6	CPT	Behavioral	Cooperating	Spontaneous	.17
	38*	61%	3 – 6	CPT	Behavioral	Helping	Spontaneous	.24
	38*	61%	3 – 6	APT	Behavioral	Cooperating	Spontaneous	.08
	38*	61%	3 – 6	APT	Behavioral	Helping	Spontaneous	.25
Eisenberg-Berg & Lennon (1980)	51	59%	4 – 5	APT	PI	Sharing	Compliant	.27
Iannotti (1981)	52	60%	4 – 5	CPT	Behavioral	Helping	Spontaneous	-.010
	52*	60%	4 – 5	CPT	Behavioral	Sharing	Spontaneous	-.095
	52*	60%	4 – 5	CPT	PI	Cooperating	--	.019
	52*	60%	4 – 5	CPT	PI	Helping	--	-.044
	52*	60%	4 – 5	CPT	PI	Sharing	--	.0033
Hudson et al. (1982)	18	50%	8	CPT	PI	Comforting	--	.23
	18*	50%	8	CPT	PI	Helping	--	.05
	18*	50%	8	CPT	PI	Sharing	--	.49
Krebs & Sturup (1982)	24	54%	7 – 9	CPT	Behavioral	Helping	--	.47
	24*	54%	7 – 9	CPT	TR	Helping	--	.42

Hill (1983)	42	45%	3 – 5	APT	PI	Prosocial	--	.11
Kagan & Knudson (1983)	88	57%	5 – 9	APT	Behavioral	Sharing	Spontaneous	-.25
	88*	57%	5 – 9	APT	PeR	Helping	--	.30
	88*	57%	5 – 9	APT	PeR	Sharing	--	-.35
LeMare & Krebs (1983)	40	50%	6 – 12	VPT	TR	Helping	--	-.36
	40*	50%	6 – 12	VPT	TR	Cooperating, Helping	--	-.29
	40*	50%	6 – 12	VPT	TR	Sharing	--	-.49
Blotner & Bearison (1984)	120 Boys	100%	4 – 11	CPT	Behavioral	Helping	Spontaneous	.05
	120 Boys*	100%	4 – 11	CPT	Behavioral	Sharing	Spontaneous	.06
Froming et al. (1985)	143	50%	6 – 8	CPT	Behavioral	Sharing	Spontaneous	.015
Iannotti (1985)	52	60%	4 – 6	CPT	Behavioral	Aggregate	--	.017
	52*	60%	4 – 6	CPT	Behavioral	Prosocial	Compliant	.131
	52*	60%	4 – 6	CPT	Behavioral	Prosocial	Spontaneous	-.097
	52*	60%	4 – 6	CPT	Behavioral	Cooperating	--	.012
	52*	60%	4 – 6	CPT	Behavioral	Helping	--	-.047
	52*	60%	4 – 6	CPT	Behavioral	Sharing	--	.051
	52*	60%	4 – 6	CPT	TR	Comforting	--	.34
Denham (1986)	27	59%	2 – 3	APT	Behavioral	Prosocial	--	.51
	27*	59%	2 – 3	APT	PI	Prosocial	--	.29
	27*	59%	2 – 3	CPT	Behavioral	Prosocial	--	.26
	27*	59%	2 – 3	CPT	PI	Prosocial	--	-.07
Larrieau & Mussen (1986)	76	45%	10	CPT	PeR	Comforting	--	.31
Chapman et al. (1987)	60	50%	4 – 11	APT	Behavioral	Aggregate	--	.33
	60*	50%	4 – 11	APT	Behavioral	Comforting	Spontaneous	.06

	60*	50%	4 – 11	APT	Behavioral	Helping	--	.38
Jennings et al. (1987)	100	49%	3	APT, TPT, VPT	PI	Helping	--	.31
Horowitz (1989)	59*	44%	5 – 9	CPT, VPT	Behavioral	Sharing	Spontaneous	.25
	59*	44%	5 – 9	CPT, VPT	Behavioral	Helping	Spontaneous	.12
Strayer & Roberts (1989)	51	53%	6	APT	TR	Prosocial	--	.25
Goodman (1990)	28*	50%	4 – 5	CPT	Behavioral	Helping	Spontaneous	.23
	14 Boys*	100%	4 – 5	CPT	Behavioral	Helping	Spontaneous	.014
	14 Girls*	0%	4 – 5	CPT	Behavioral	Helping	Spontaneous	.45
	28*	50%	4 – 5	CPT	Behavioral	Sharing	Spontaneous	.23
	14 Boys*	100%	4 – 5	CPT	Behavioral	Sharing	Spontaneous	.29
	14 Girls*	0%	4 – 5	CPT	Behavioral	Sharing	Spontaneous	.21
	28	50%	4 – 5	CPT	PI	Comforting	--	-.17
	14 Boys*	100%	4 – 5	CPT	PI	Comforting	--	-.48
	14 Girls*	0%	4 – 5	CPT	PI	Comforting	--	.10
	28*	50%	4 – 5	CPT	PI	Cooperating	--	-.12
	14 Boys*	100%	4 – 5	CPT	PI	Cooperating	--	-.09
	14 Girls*	0%	4 – 5	CPT	PI	Cooperating	--	-.16
	28*	50%	4 – 5	CPT	PI	Helping	--	.17
	14 Boys*	100%	4 – 5	CPT	PI	Helping	--	.29
	14 Girls*	0%	4 – 5	CPT	PI	Helping	--	.067
	28*	50%	4 – 5	CPT	PI	Sharing	--	.080
	14 Boys*	100%	4 – 5	CPT	PI	Sharing	--	-.0036
	14 Girls*	0%	4 – 5	CPT	PI	Sharing	--	.16
Carlo et al. (1991)	89	56%	3 – 8	CPT	Behavioral	Helping	Spontaneous	-.036
Dunn et al. (1991)+	50	46%	T1: 33 m	1 st order FB (T2)	SI	Cooperating (T1)	--	.38

			T2: 40 m					
	50*	46%	T1: 33 m	APT (T2)	SI	Cooperating (T1)	--	.51
			T2: 40 m					
Cho (1992)	58	41%	3 – 6	APT	PI	Aggregate	--	.11
	58*	41%	3 – 6	APT	PI	Prosocial	Compliant	-.03
	58*	41%	3 – 6	APT	PI	Prosocial	Spontaneous	.16
	58*	41%	3 – 6	APT	PI	Comforting	--	.19
	58*	41%	3 – 6	APT	PI	Helping	--	.07
	58*	41%	3 – 6	APT	PI	Sharing	--	.07
	58*	41%	3 – 6	APT	TR	Aggregate	--	-.27
	58*	41%	3 – 6	APT	TR	Comforting	--	-.20
	58*	41%	3 – 6	APT	TR	Helping	--	-.20
	58*	41%	3 – 6	APT	TR	Sharing	--	-.34
Dekovic & Gerris (1994)	125	50%	11	APT, CPT	PeR, TR	Prosocial	--	.38
Fitzgerald (1994)	93	46%	5 – 10	CPT	PaR, PeR, TR	Prosocial	--	.35
Lalonde & Chandler (1995)	47	47%	3	1 st order FB, CPT	TR	Comforting	Spontaneous	.11
	47*	47%	3	1 st order FB, CPT	TR	Cooperating	--	.37
	47*	47%	3	1 st order FB, CPT	TR	Sharing	Spontaneous	.04
Garner (1996)	39	41%	9 – 10	APT	TR	Prosocial	--	.38
	39*	41%	9 – 10	CPT	TR	Prosocial	--	.22
Moore et al. (1998) – Study 1	20	50%	3	1 st order FB, CPT	Behavioral	Sharing	Spontaneous	.13
	20*	50%	4	1 st order FB, CPT	Behavioral	Sharing	Spontaneous	.37
Angelopoulos (1999)	120	50%	3 – 4	1 st order FB	Behavioral	Sharing	Spontaneous	.28
Lupinetti (1999)	80	49%	4	APT	Behavioral	Helping	Spontaneous	.41
	39 Boys*	100%	4	APT	Behavioral	Helping	Spontaneous	.40

	41 Girls*	0%	4	APT	Behavioral	Helping	Spontaneous	.59
	80*	49%	4	APT	Behavioral	Sharing	Spontaneous	.39
	39 Boys*	100%	4	APT	Behavioral	Sharing	Spontaneous	.42
	41 Girls*	0%	4	APT	Behavioral	Sharing	Spontaneous	.55
	80*	49%	4	APT	Behavioral	Prosocial	--	.50
	39 Boys*	100%	4	APT	Behavioral	Prosocial	--	.53
	41 Girls*	0%	4	APT	Behavioral	Prosocial	--	.72
	80*	49%	4	APT	TR	Prosocial	--	.42
	39 Boys*	100%	4	APT	TR	Prosocial	--	.24
	41 Girls*	0%	4	APT	TR	Prosocial	--	.73
Ouaou (1999) – Study 1	56	43%	6 – 10	CPT	Behavioral	Sharing	Spontaneous	.24
Ouaou (1999) – Study 2	36	44%	6 – 8	CPT	Behavioral	Sharing	Compliant	.21
	36*	44%	6 – 8	CPT	Behavioral	Sharing	Spontaneous	.55
Simon (2001) – Study 1	135	55%	3 – 5	APT	TR	Prosocial	--	.09
	74 Boys*	100%	3 – 5	APT	TR	Prosocial	--	-.02
	61 Girls*	0%	3 – 5	APT	TR	Prosocial	--	.15
Randall (2002)	106	54%	3 – 6	APT	Behavioral	Sharing	--	.10
	106*	54%	3 – 6	CPT	Behavioral	Sharing	--	-.03
	106	54%	3 – 6	APT	Behavioral	Sharing	Compliant	-.27
	106*	54%	3 – 6	CPT	Behavioral	Sharing	Compliant	-.27
Slaughter et al. (2002) – Study 2	87	53%	4 – 6	1 st order FB	TR	Prosocial	--	.35
Cassidy et al. (2003)	67	48%	3 – 5	1 st order FB, CPT	PI	Aggregate	--	.20
	67*	48%	3 – 5	1 st order FB, CPT	PI	Cooperating	--	.00
	67*	48%	3 – 5	1 st order FB, CPT	PI	Helping	--	.26
	67*	48%	3 – 5	1 st order FB, CPT	PI	Sharing	--	.19

	67*	48%	3 – 5	APT	PI	Aggregate	--	.27
	67*	48%	3 – 5	APT	PI	Cooperating	--	.17
	67*	48%	3 – 5	APT	PI	Helping	--	.17
	67*	48%	3 – 5	APT	PI	Sharing	--	.17
Dissanayake & MacIntosh (2003)	16	--	5 – 9	1 st & 2 nd order FB	PaR	Cooperating	--	.27
	16*	--	5 – 9	1 st & 2 nd order FB	TR	Cooperating	--	.08
Fitzgerald & White (2003)	93	46%	6 – 13	CPT	PaR, PeR, TR	Prosocial	--	.35
Moore & Macgillivray (2004)	53		4	1 st order FB	Behavioral	Sharing	Spontaneous	.33
Liebman (2005)	60	43%	4, 6	1 st order FB	Behavioral	Prosocial	Spontaneous	.24
	60*	43%	4, 6	APT	Behavioral	Prosocial	Spontaneous	.62
Spatz-McNeary (2005)	85	52%	3 – 5	1 st order FB, APT, CPT, VPT	PaR, TR	Prosocial	--	.31
	85*	52%	3 – 5	1 st order FB, APT, CPT, VPT	PI	Prosocial	Spontaneous	-.08
Walker (2005)	111	43%	3 – 5	1 st order FB	TR	Prosocial	--	.27
	48 Boys*	100%	3 – 5	1 st order FB	TR	Prosocial	--	.26
	63 Girls*	0%	3 – 5	1 st order FB	TR	Prosocial	--	.39
Yagmurlu et al. (2005)	201	56%	4 – 7	1 st order FB	Behavioral, PaR, TR	Aggregate	--	.27
	113 Boys*	100%	4 – 7	1 st order FB	Behavioral	Aggregate	--	.037
	88 Girls*	0%	4 – 7	1 st order FB	Behavioral	Aggregate	--	.023
	199*	56%	4 – 7	1 st order FB	Behavioral	Helping	Spontaneous	.030
	112 Boys*	100%	4 – 7	1 st order FB	Behavioral	Helping	Spontaneous	.088
	87 Girls*	0%	4 – 7	1 st order FB	Behavioral	Helping	Spontaneous	-.12
	201*	56%	4 – 7	1 st order FB	Behavioral	Sharing	Spontaneous	.068

113 Boys*	100%	4 – 7	1 st order FB	Behavioral	Sharing	Spontaneous	-.013
88 Girls*	0%	4 – 7	1 st order FB	Behavioral	Sharing	Spontaneous	.17
200*	56%	4 – 7	1 st order FB	PaR	Comforting	--	.019
113 Boys*	100%	4 – 7	1 st order FB	PaR	Comforting	--	.038
87 Girls*	0%	4 – 7	1 st order FB	PaR	Comforting	--	-.11
200*	56%	4 – 7	1 st order FB	PaR	Cooperating	--	.12
113 Boys*	100%	4 – 7	1 st order FB	PaR	Cooperating	--	.15
87 Girls*	0%	4 – 7	1 st order FB	PaR	Cooperating	--	.062
201*	56%	4 – 7	1 st order FB	PaR	Helping	--	-.030
113 Boys*	100%	4 – 7	1 st order FB	PaR	Helping	--	.0080
88 Girls*	0%	4 – 7	1 st order FB	PaR	Helping	--	-.19
200*	56%	4 – 7	1 st order FB	PaR	Sharing	--	.14
113 Boys*	100%	4 – 7	1 st order FB	PaR	Sharing	--	.28
87 Girls*	0%	4 – 7	1 st order FB	PaR	Sharing	--	-.093
182*	55%	4 – 7	1 st order FB	TR	Comforting	Compliant	.27
101 Boys*	100%	4 – 7	1 st order FB	TR	Comforting	Compliant	.18
81 Girls*	0%	4 – 7	1 st order FB	TR	Comforting	Compliant	.30
183*	56%	4 – 7	1 st order FB	TR	Cooperating	Compliant	.28
102 Boys*	100%	4 – 7	1 st order FB	TR	Cooperating	Compliant	.23
81 Girls*	0%	4 – 7	1 st order FB	TR	Cooperating	Compliant	.31
183*	56%	4 – 7	1 st order FB	TR	Helping	Compliant	.27
102 Boys*	100%	4 – 7	1 st order FB	TR	Helping	Compliant	.25
81 Girls*	0%	4 – 7	1 st order FB	TR	Helping	Compliant	.21
184*	56%	4 – 7	1 st order FB	TR	Sharing	Compliant	.26
103 Boys*	100%	4 – 7	1 st order FB	TR	Sharing	Compliant	.19

81 Girls*	0%	4 – 7	1 st order FB	TR	Sharing	Compliant	.28
189*	55%	4 – 7	1 st order FB	TR	Comforting	Spontaneous	.27
104 Boys*	100%	4 – 7	1 st order FB	TR	Comforting	Spontaneous	.19
85 Girls*	0%	4 – 7	1 st order FB	TR	Comforting	Spontaneous	.33
190*	55%	4 – 7	1 st order FB	TR	Cooperating	Spontaneous	.26
105 Boys*	100%	4 – 7	1 st order FB	TR	Cooperating	Spontaneous	.22
85 Girls*	0%	4 – 7	1 st order FB	TR	Cooperating	Spontaneous	.28
190*	55%	4 – 7	1 st order FB	TR	Helping	Spontaneous	.29
105 Boys*	100%	4 – 7	1 st order FB	TR	Helping	Spontaneous	.26
85 Girls*	0%	4 – 7	1 st order FB	TR	Helping	Spontaneous	.28
190*	55%	4 – 7	1 st order FB	TR	Sharing	Spontaneous	.24
105 Boys*	100%	4 – 7	1 st order FB	TR	Sharing	Spontaneous	.18
85 Girls*	0%	4 – 7	1 st order FB	TR	Sharing	Spontaneous	.28
195*	56%	4 – 5	1 st order FB	Behavioral	Helping	Spontaneous	.042
197*	56%	4 – 5	1 st order FB	Behavioral	Sharing	Spontaneous	.085
196*	56%	4 – 5	1 st order FB	PaR	Comforting	--	.024
196*	56%	4 – 5	1 st order FB	PaR	Cooperating	--	.130
197*	56%	4 – 5	1 st order FB	PaR	Helping	--	-.024
196*	56%	4 – 5	1 st order FB	PaR	Sharing	--	.15
178*	55%	4 – 5	1 st order FB	TR	Comforting	Compliant	.28
179*	56%	4 – 5	1 st order FB	TR	Cooperating	Compliant	.28
180*	56%	4 – 5	1 st order FB	TR	Helping	Compliant	.27
180*	56%	4 – 5	1 st order FB	TR	Sharing	Compliant	.26
185*	55%	4 – 5	1 st order FB	TR	Comforting	Spontaneous	.28
186*	55%	4 – 5	1 st order FB	TR	Cooperating	Spontaneous	.26

	186*	55%	4 – 5	1 st order FB	TR	Helping	Spontaneous	.29
	186*	55%	4 – 5	1 st order FB	TR	Sharing	Spontaneous	.24
	4*	--	6 – 7	1 st order FB	Behavioral	Helping	Spontaneous	-.78
	4*	--	6 – 7	1 st order FB	Behavioral	Sharing	Spontaneous	-.93
	4*	--	6 – 7	1 st order FB	PaR	Comforting	--	-.21
	4*	--	6 – 7	1 st order FB	PaR	Cooperating	--	-.044
	4*	--	6 – 7	1 st order FB	PaR	Helping	--	-.49
	4*	--	6 – 7	1 st order FB	PaR	Sharing	--	-.63
	4*	--	6 – 7	1 st order FB	TR	Comforting	Compliant	-.19
	4*	--	6 – 7	1 st order FB	TR	Cooperating	Compliant	.63
	4*	--	6 – 7	1 st order FB	TR	Helping	Compliant	.92
	4*	--	6 – 7	1 st order FB	TR	Sharing	Compliant	.93
	4*	--	6 – 7	1 st order FB	TR	Comforting	Spontaneous	.10
	4*	--	6 – 7	1 st order FB	TR	Cooperating	Spontaneous	.38
	4*	--	6 – 7	1 st order FB	TR	Helping	Spontaneous	.86
	4*	--	6 – 7	1 st order FB	TR	Sharing	Spontaneous	.17
Ruffman et al. (2006)+	55	40%	3	1 st order FB	Behavioral	Cooperating	--	-.01
	55*	40%	4	1 st order FB, APT	Behavioral	Cooperating	--	.30
	55*	40%	T1: 3 T2: 4	1 st order FB (T1)	Behavioral	Cooperating (T2)	--	.01
	55*	40%	T1: 3 T2: 4	1 st order FB, APT (T2)	Behavioral	Cooperating (T1)	--	-.01
Fernandez (2007)	115	50%	4 – 8	1 st & 2 nd order FB	TR	Prosocial	--	.073
Lucas et al. (2008)	35	43%	4 – 5	1 st order FB	Behavioral	Sharing	Spontaneous	.097
Massoff (2008)	70	51%	2 – 3	1 st order FB, APT	Behavioral	Prosocial	--	-.06

Renouf et al. (2009)+	399	47%	T1: 5 T2: 6	1 st order FB, CPT (T1)	TR (T2)	Prosocial	--	.03
Chiarella (2010)	66	53%	2 – 3	APT	Behavioral	Comforting	Spontaneous	.05
	66*	53%	2 – 3	VPT	Behavioral	Comforting	Spontaneous	.04
Dunfield (2010) – Study 4	48	46%	18 m, 24 m	CPT	Behavioral	Helping	Spontaneous	.21
	48*	46%	18 m, 24 m	CPT	Behavioral	Sharing	Spontaneous	.09
Dunfield (2010) – Study 5	86	51%	2 – 4	APT	Behavioral	Aggregate	Spontaneous	.16
	89*	51%	2 – 4	APT	Behavioral	Comforting	Spontaneous	.35
	91*	51%	2 – 4	APT	Behavioral	Helping	Spontaneous	.16
	92*	51%	2 – 4	APT	Behavioral	Sharing	Spontaneous	-.11
Malti et al. (2010)	312	49%	5, 7, 9	VPT	TR	Prosocial	--	-.07
Martin (2010)	70	50%	8 – 10	1 st & 2 nd order FB, FP	PeR	Prosocial	--	-.03
	35 Boys*	100%	8 – 10	1 st & 2 nd order FB, FP	PeR	Prosocial	--	.07
	35 Girls*	0%	8 – 10	1 st & 2 nd order FB, FP	PeR	Prosocial	--	-.10
	70*	50%	8 – 10	1 st & 2 nd order FB, FP	SR	Prosocial	--	.06
	35 Boys*	100%	8 – 10	1 st & 2 nd order FB, FP	SR	Prosocial	--	.04
	35 Girls*	0%	8 – 10	1 st & 2 nd order FB, FP	SR	Prosocial	--	.01
	70*	50%	8 – 10	1 st & 2 nd order FB, FP	TR	Prosocial	--	-.10
	35 Boys*	100%	8 – 10	1 st & 2 nd order FB, FP	TR	Prosocial	--	.03
	35 Girls*	0%	8 – 10	1 st & 2 nd order FB, FP	TR	Prosocial	--	-.18
Eggum et al. (2011)+	166	53%	54m	1 st order FB, APT	PaR	Prosocial	--	.20
	140*	55%	6	1 st order FB, APT	PaR	Prosocial	--	.12
	146*	54%	T1: 54m	1 st order FB, APT (T1)	PaR	Prosocial (T2)	--	.22

			T2: 72m					
	137	54%	T1: 54m	1 st order FB, APT (T2)	PaR	Prosocial (T1)	--	-.021
			T2: 72m					
Knafo et al. (2011)	83	57%	3 – 6	APT	Behavioral	Comforting, Helping, Sharing	Compliant	.14
	83*	57%	3 – 6	APT	Behavioral	Comforting, Helping, Sharing	Spontaneous	.13
Newton & Jenvey (2011)	66	39%	3 – 4	1 st order FB	PaR	Cooperation	--	.09
Caputi et al. (2011)+	70	56%	5	1 st & 2 nd order FB	TR	Prosocial	--	.05
	70*	56%	6	1 st & 2 nd order FB	TR	Prosocial	--	.15
	70*	56%	7	APT	TR	Prosocial	--	.23
	70*	56%	T1: 5	1 st & 2 nd order FB (T1)	TR	Prosocial (T2)	--	.34
			T2: 6					
	70*	56%	T1: 5	1 st & 2 nd order FB (T1)	TR	Prosocial (T3)	--	.35
			T3: 7					
	70*	56%	T1: 5	1 st & 2 nd order FB (T2)	TR	Prosocial (T1)	--	-.03
			T2: 6					
	70*	56%	T2: 6	1 st & 2 nd order FB (T2)	TR	Prosocial (T3)	--	.29
			T3: 7					
	70*	56%	T1: 5	APT (T3)	TR	Prosocial (T1)	--	.18
			T3: 7					
	70*	56%	T2: 6	APT (T3)	TR	Prosocial (T2)	--	.16
			T3: 7					
Farrant et al. (2012)	72	47%	4 – 6	1 st order FB, CPT	PaR, TR	Prosocial	--	.37
Malti (2012)	162	49%	4 – 8	IU	Behavioral	Sharing	Spontaneous	.038

Broeren et al. (2013)+	79 Boys*	100%	4 – 8	IU	Behavioral	Sharing	Spontaneous	-.071
	83 Girls*	0%	4 – 8	IU	Behavioral	Sharing	Spontaneous	.11
	159*	48%	4 – 8	IU	PaR	Prosocial	--	.10
	77 Boys*	100%	4 – 8	IU	PaR	Prosocial	--	.068
	82 Girls*	0%	4 – 8	IU	PaR	Prosocial	--	.15
	79*	51%	4	IU	Behavioral	Sharing	--	-.029
	78*	51%	4	IU	PaR	Prosocial	--	-.14
	81*	46%	8	IU	Behavioral	Sharing	--	-.081
	81*	46%	8	IU	PaR	Prosocial	--	.21
	222		4 – 9	1 st & 2 nd order FB	PaR	Prosocial	--	.12
	194*		5 – 10	1 st & 2 nd order FB	PaR	Prosocial	--	.19
	169*		6 – 11	1 st & 2 nd order FB	PaR	Prosocial	--	.15
	193*		T1: 4 – 9 T2: 5 – 10	1 st & 2 nd order FB (T1)	PaR	Prosocial (T2)	--	.21
	169*		T1: 4 – 9 T3: 6 – 11	1 st & 2 nd order FB (T1)	PaR	Prosocial (T3)	--	.14
	211*		T1: 4 – 9 T2: 5 – 10	1 st & 2 nd order FB (T2)	PaR	Prosocial (T1)	--	.18
	196*		T1: 4 – 9 T3: 6 – 11	1 st & 2 nd order FB (T3)	PaR	Prosocial (T1)	--	.14
	168*		T2: 5 – 10 T3: 6 – 11	1 st & 2 nd order FB (T2)	PaR	Prosocial (T3)	--	.18
	178*		T2: 5 – 10 T3: 6 – 11	1 st & 2 nd order FB (T3)	PaR	Prosocial (T2)	--	.19
Hoehl et al. (2013)	53	51%	4	1 st order FB, APT, CPT	Behavioral	Sharing	Spontaneous	-.0060

Longiro et al. (2014)	53*	51%	4	1 st order FB, CPT	Behavioral	Sharing	Spontaneous	-.017
	53*	51%	4	APT	Behavioral	Sharing	Spontaneous	.14
	26 Girls*	0%	4	APT	Behavioral	Sharing	Spontaneous	.41
	180	51%	10 – 11	CPT	TR	Prosocial	--	.13
Wu & Su (2014)	87	51%	3 – 5	1 st order FB	Behavioral	Aggregate	Spontaneous	.23
	87*	51%	3 – 5	1 st order FB	Behavioral	Comforting	Spontaneous	.25
	87*	51%	3 – 5	1 st order FB	Behavioral	Helping	Spontaneous	.31
	87*	51%	3 – 5	1 st order FB	Behavioral	Sharing	Spontaneous	.059
Yagmurlu (2014)	116	61%	4 – 5	1 st order FB	Behavioral, PaR	Comforting, Cooperating, Helping, Sharing	--	.24
	71 Boys*	100%	4 – 5	1 st order FB	Behavioral, PaR	Comforting, Cooperating, Helping, Sharing	--	.35
	45 Girls*	0%	4 – 5	1 st order FB	Behavioral, PaR	Comforting, Cooperating, Helping, Sharing	--	-.086
	116*	61%	4 – 5	1 st order FB	Behavioral	Sharing	Spontaneous	.23
	71 Boys*	100%	4 – 5	1 st order FB	Behavioral	Sharing	Spontaneous	.38
	45 Girls*	0%	4 – 5	1 st order FB	Behavioral	Sharing	Spontaneous	-.17
	116*	61%	4 – 5	1 st order FB	PaR	Comforting, Cooperating, Helping, Sharing	--	.15
	71 Boys*	100%	4 – 5	1 st order FB	PaR	Comforting, Cooperating,	--	.17

	45 Girls*	0%	4 – 5	1 st order FB	PaR	Helping Comforting, Cooperating, Helping	--	.024
Wu & Su (2014b)	74	46%	2 – 4	1 st order FB, APT, CPT	Behavioral	Sharing	--	.194
	74*	46%	2 – 4	1 st order FB, CPT	Behavioral	Sharing	--	.19
	74*	46%	2 – 4	APT	Behavioral	Sharing	--	.073
Yagmurlu (2015)	260	52%	3 – 7	1 st order FB, APT, CPT	Behavioral	Helping	Spontaneous	.015
	135 Boys*	100%	3 – 7	1 st order FB, APT, CPT	Behavioral	Helping	Spontaneous	-.085
	125 Girls*	0%	3 – 7	1 st order FB, APT, CPT	Behavioral	Helping	Spontaneous	.13
	247*	51%	3 – 7	1 st order FB, APT, CPT	Behavioral	Sharing	Spontaneous	.11
	126 Boys*	100%	3 – 7	1 st order FB, APT, CPT	Behavioral	Sharing	Spontaneous	.12
	121 Girls*	0%	3 – 7	1 st order FB, APT, CPT	Behavioral	Sharing	Spontaneous	.072
	260	52%	3 – 7	1 st order FB, CPT	Behavioral	Helping	Spontaneous	-.016
	135 Boys*	100%	3 – 7	1 st order FB, CPT	Behavioral	Helping	Spontaneous	-.055
	125 Girls*	0%	3 – 7	1 st order FB, CPT	Behavioral	Helping	Spontaneous	.026
	247*	51%	3 – 7	1 st order FB, CPT	Behavioral	Sharing	Spontaneous	.048
	126 Boys*	100%	3 – 7	1 st order FB, CPT	Behavioral	Sharing	Spontaneous	.043
	121 Girls*	0%	3 – 7	1 st order FB, CPT	Behavioral	Sharing	Spontaneous	.046
	260*	52%	3 – 7	APT	Behavioral	Helping	Spontaneous	.12
	135 Boys*	100%	3 – 7	APT	Behavioral	Helping	Spontaneous	.046
	125 Girls*	0%	3 – 7	APT	Behavioral	Helping	Spontaneous	.19
	247*	51%	3 – 7	APT	Behavioral	Sharing	Spontaneous	.069
	126 Boys*	100%	3 – 7	APT	Behavioral	Sharing	Spontaneous	.13
	121 Girls*	0%	3 – 7	APT	Behavioral	Sharing	Spontaneous	-.011

249*	51%	3 – 5	1 st order FB, APT, CPT	Behavioral	Helping	Spontaneous	.017
236*	50%	3 – 5	1 st order FB, APT, CPT	Behavioral	Sharing	Spontaneous	.086
249*	51%	3 – 5	1 st order FB, CPT	Behavioral	Helping	Spontaneous	-.011
236*	50%	3 – 5	1 st order FB, CPT	Behavioral	Sharing	Spontaneous	.043
249*	51%	3 – 5	APT	Behavioral	Helping	Spontaneous	.10
236*	50%	3 – 5	APT	Behavioral	Sharing	Spontaneous	.037
11*	82%	6 – 7	1 st order FB, APT, CPT	Behavioral	Helping	Spontaneous	.15
11*	82%	6 – 7	1 st order FB, APT, CPT	Behavioral	Sharing	Spontaneous	.23
11*	82%	6 – 7	1 st order FB, CPT	Behavioral	Helping	Spontaneous	-.0074
11*	82%	6 – 7	1 st order FB, CPT	Behavioral	Sharing	Spontaneous	.0037
11*	82%	6 – 7	APT	Behavioral	Helping	Spontaneous	.60
11*	82%	6 – 7	APT	Behavioral	Sharing	Spontaneous	.62

Notes. Positive effect sizes indicate results in the predicted direction. The + next to the authors' name(s) indicates a longitudinal study. For these studies, T refers to time point. **Type of ToM task:** APT refers to affective perspective taking (includes hidden emotions task), CPT refers to cognitive perspective taking (includes deception, diverse desires, intention understanding, and knowledge access tasks), FB refers to false belief, IU refers to interpretive understanding, TPT refers to tactile perspective taking, VPT refers to visual perspective taking. **Prosocial measure (type):** Behavioral indicates a laboratory-based behavioral task, PaR refers to parent report, PeR refers to peer report, PI refers to observation of peer interaction, SI refers to observation of sibling interaction, SR refers to self report, TR refers to teacher report, Verbal refers to a verbal question-answer task. **Prosocial measure (task):** Aggregate indicates a value derived from children's total score across each of the prosocial tasks that were administered in the given study, Prosocial indicates instances in which no particular aspects of prosocial behavior were specified. **Prosocial measure (spontaneity):** Tasks in which children were given an explicit instruction or request to perform a prosocial act is classified as "compliant", those otherwise are classified as "spontaneous". Those without a classification were mixtures of compliant and spontaneous tasks, or they were unable to be determined based on the descriptions given in the relevant papers.