

Table S1 presents the 21 studies included in the meta-analysis (columns “Study” and “Reference”), all 36 outcomes they have analyzed in total (columns “Out. ID” and “Outcome”), the inclusion cut-off that was originally set in the analysis of necessity (column “Incl. cut-off (orig.)”), the number of conditions they report to their readers (column “Conditions reported”), the number of all conditions found at the original cut-off (column “All conditions at original cut-off”), the number of all conditions found at the harmonized inclusion cut-off of 0.75 (column “All conditions at 0.75 inclusion”), the number of QCA models (column “QCA models”), and the number of models in each solution that show the CONSOL-effect (column “Models with CONSOL-Effect”).

**Table S1** Reanalysis of necessity tests and CONSOL-Effect for 36 outcomes across 21 published QCA studies

Study	Out. ID	Reference	Outcome	Incl. cut-off (orig.)	Conditions reported	All conditions at original cut-off	All conditions at 0.75 inclusion	QCA models	Models with CONSOL-Effect
1	1	Avdagic (2010)	SOCP (M1)	0.9	0	7	10	1	1
1	2		SOCP (M2)	0.9	0	6	10	4	4
1	3		SOCP (M3)	0.9	0	12	12	10	8
2	4	Bank, Richter, and Sunik (2015)	SURVIVAL	0.9	0	22	31	2	2
2	5		~SURVIVAL	0.9	0	34	23	12	12
3	6	Basedau and Richter (2014)	CWO	1.0	1	4	7	2	2
3	7		~CWO	1.0	0	5	16	1	1
4	8	Cebotari and Vink (2013)	PROTEST	0.9	1	24	26	1	1
4	9		~PROTEST	0.9	1	9	14	1	1
5	10	Da Roit and Weicht (2013)	MIGFAM	0.9	2	11	27	13	13
5	11		~MIGFAM	0.9	1	23	27	11	8
5	12		MIGFOR	0.9	4	26	51	11	8
5	13		~MIGFOR	0.9	0	37	43	13	13
6	14	Davidsson and Emmenegger (2013)	TWOTIER	0.9	1	3	6	2	1 <sup>a</sup>
7	15	Emmenegger (2011)	JSR	0.9	1	49	41	6	6
8	16	Epple, Gasser, Kersten, Nollert and Schief (2014)	D	0.9	1	17	18	1	1
8	17		~D	0.9	0	22	27	1	1

9	18	Fischer (2015)	DOM	0.9	0	4	8	1	1
10	19	Hamidov, Thiel and Zikos (2015)	MIC	0.9	0	2	4	b	b
11	20	Ishiyama and Batta (2012)	DPS	0.9	0	19	15	3	3
11	21		~DPS	0.9	0	11	10	3	3
12	22	Karlas (2012)	CONT	0.8	1	50	37	52	52
14	25	Lilliefeldt (2012)	BALANCE	0.9	0	253	103	c	c
14	26		~BALANCE	0.9	0	219	98	c	c
15	27	Mello (2012)	MP	? <sup>d</sup>	1	4	10	2	2
15	28		~MP	? <sup>d</sup>	0	9	20	1	1
16	29	Metelits (2009)	COERCE	0.8	1	2	2	1	1
17	30	Pahl-Wostl and Knieper (2014)	ADAP	0.9	1	15	19	4	4
17	31		~ADAP	0.9	0	21	14	1	1
18	32	Palm (2013)	IWS	0.9	0	9	10	10	10
18	33		~IWS	0.9	0	10	15	3	3
19	34	Park and Young (2015)	WM	0.95	0	23	21	4	4
20	35	Schneider and Makszin (2014)	LPI	? <sup>e</sup>	0	13	18	1	1
21	36	Thomann (2015)	PERF	0.9	0	50	31	4	4
21	37		~PERF	0.9	0	46	50	12	12
22	38	Verweij, Klijn, Edelenbos and Van Buuren (2013)	O	? <sup>d</sup>	0	5	5	1	1

<sup>a</sup> no simplifying assumptions for one model; <sup>b</sup> saturated truth table; <sup>c</sup> number of models not derivable due to high complexity of PI chart; <sup>d</sup> not mentioned; <sup>e</sup> not mentioned, but assumed to have been 0.9.

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