Replication Data (RD) for Temporary Use Stabilization: Fuzzy-Set Qualitative Comparative Analysis (fsQCA) of Spatially Detached Stabilization of Temporary Use

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RD 1.0 Calibrated data Matrix

Row #	CaseID	Conditions							Outcome
		RP	EM	IA	AC	MS	FC	SA	SDS
1	BD01	0.33	0.33	0.33	1	1	0	1	0.67
2	BL01	1	1	0.67	1	1	0.33	0.67	0.67
3	BL04	1	0.67	0.67	1	1	1	1	1
4	BP01	0.33	0.67	1	1	0.67	0.67	0.67	0
5	BR01	1	0.67	0.33	1	1	1	1	0
6	BW01	1	0.67	0.67	1	1	1	1	0.67
7	BW04	1	0.67	0.67	1	0.33	0.67	1	0.67
8	BZ01	0.33	0.67	1	1	0.67	1	0.67	0.33
9	R07	1	1	0.67	1	0.33	0.67	0.67	1
10	RF01	1	1	0.67	1	0.33	1	0.67	0.67
11	RF02	0.33	0	0.67	1	0	0.67	0.67	0
12	RF04	0.67	0.67	0.67	0.67	0	0.67	1	0.67
13	RF06	0.33	0.67	0.67	0.67	0	0.67	0.33	0.67
14	RK01	1	1	1	1	0.67	1	1	0.67
15	RK03	0.33	0.67	1	0.67	0	0.67	0.67	0.33
16	RK04	0.33	0.67	0.67	0.67	0.33	0.67	0.67	0.33
17	RK05	0.67	1	1	1	0	0.67	0.67	0.67
18	RK06	0.33	0.67	0.67	0.67	0.33	1	0.67	0.33
19	RK07	0.33	0.33	1	0.67	0.33	1	1	1
20	RS01	0.33	0.67	1	1	1	0.67	1	0
21	RS02	0.33	0.67	0.67	1	0	0.67	1	0.33
22	RS03	1	0.67	0.67	0	0	0.33	0	0.33
23	RS04	1	0.67	0.67	1	1	1	1	1
24	RS05	0.33	0.67	0.67	0.67	0.67	0.67	0.67	0.33
25	RS06	0.33	0.33	0.33	0	0	0.67	1	0.67
26	RS07	0.33	0.67	0.67	0.67	0	0	0	0
27	RS08	1	0.67	0.33	0	0	0.67	1	0
28	RZ01	0	0	0.67	1	0.33	0.67	0.67	1
29	RZ03	1	1	0.67	1	0.67	1	1	1
30	RZ05	1	0.67	0.33	1	0.67	0.33	1	0.33
31	RZ06	1	0.67	1	0.67	0.67	1	1	1
32	RZ07	0.33	0.67	0.67	1	0	0.33	0.67	0.33
33	RZ08	1	1	0	0.67	0	0.67	0.67	0
34	RZ11	0.33	0.67	0.33	1	0	1	0.67	0.67
35	RZ12	0.33	0.67	0.67	1	0.33	1	0.67	0.33
36	RZ13	0.67	1	0.67	0.67	0.67	0.67	0.67	0.67
37	RZ14	0.67	0.67	1	1	0	0.67	0	0
38	RZ16	0.67	0.67	0.33	1	0	1	0.33	0
39	RZ17	0	0	0	0	0.33	0.33	0	0
40	RZ18	0.33	1	0.33	0	0.67	1	0.67	0.33

RD 2.0 Truth Tables

RD 2.1 SA – Model for SDS of temporary uses

Row #	Conditions						Outcome	Consistency Score	Cases	# of Instances
	RP	EM	IA	AC	MS	SA	SDS			
1	0	0	0	0	0	1	1	1	RS06	1
2	0	0	0	1	1	1	1	1	BD01	1
3	1	1	1	1	0	1	1	0,929	BW04, R07, RF01, RF04, RK05	5
4	0	1	0	1	0	1	1	0,9169	RZ11	1
5	1	1	1	1	1	1	1	0,9008	BL01, BL04, BW01, RK01, RS04, RZ03, RZ06, RZ13	8
6	1	1	0	1	0	1	0	0,8319	RZ08	1
7	1	1	0	1	1	1	0	0,8305	BR01, RZ05	2
8	0	1	0	0	1	1	0	0,8291	RZ18	1
9	1	1	1	0	0	0	0	0,7976	RS03	1
10	0	0	1	1	0	1	0	0,7889	RF02, RK07, RZ01	3
11	1	1	0	0	0	1	0	0,7253	RS08	1
12	1	1	1	1	0	0	0	0,721	RZ14	1
13	1	1	0	1	0	0	0	0,7127	RZ16	1
14	0	1	1	1	0	0	0	0,7052	RF06, RS07	2
15	0	1	1	1	0	1	0	0,6311	RK03, RK04, RK06, RS02, RZ07, RZ12	6
16	0	0	0	0	0	0	0	0,569	RZ17	1
17	0	1	1	1	1	1	0	0,5665	BP01, BZ01, RS01, RS05	4

RD 2.2 FC – Model for SDS of temporary uses

Row #	Conditions						Outcome	Consistency Score	Cases	# of Instances
	RP	EM	IA	AC	MS	FC	SDS			
1	0	0	0	1	1	0	1	1	BD01	1
2	0	1	0	1	0	1	1	0.9169	RZ11	1
3	1	1	1	1	1	1	0	0.8937	BL04, BW01, RK01, RS04, RZ03, RZ06, RZ13	7
4	1	1	0	1	1	0	0	0.8859	RZ05	1
5	0	0	0	0	0	1	0	0.8755	RS06	1
6	1	1	0	1	1	1	0	0.8733	BR01	1
7	1	1	1	1	0	1	0	0.8665	BW04, R07, RF01, RF04, RK05, RZ14	6
8	0	1	0	0	1	1	0	0.8291	RZ18	1
9	1	1	1	1	1	0	0	0.8187	BL01	1
10	1	1	0	1	0	1	0	0.787	RZ08, RZ16	2
11	0	0	1	1	0	1	0	0.7496	RF02, RK07, RZ01	3
12	1	1	0	0	0	1	0	0.7481	RS08	1
13	1	1	1	0	0	0	0	0.7253	RS03	1
14	0	1	1	1	0	1	0	0.6484	RF06, RK03, RK04, RK06, RS02, RZ12	6
15	0	1	1	1	0	0	0	0.6401	RS07, RZ07	2
16	0	0	0	0	0	0	0	0.6226	RZ17	1
17	0	1	1	1	1	1	0	0.5335	BP01, BZ01, RS01, RS05	4

RD 3.0 Analysis for Necessity

Results from the analysis of necessity from the SA-model visualized as Table 3 in the main text

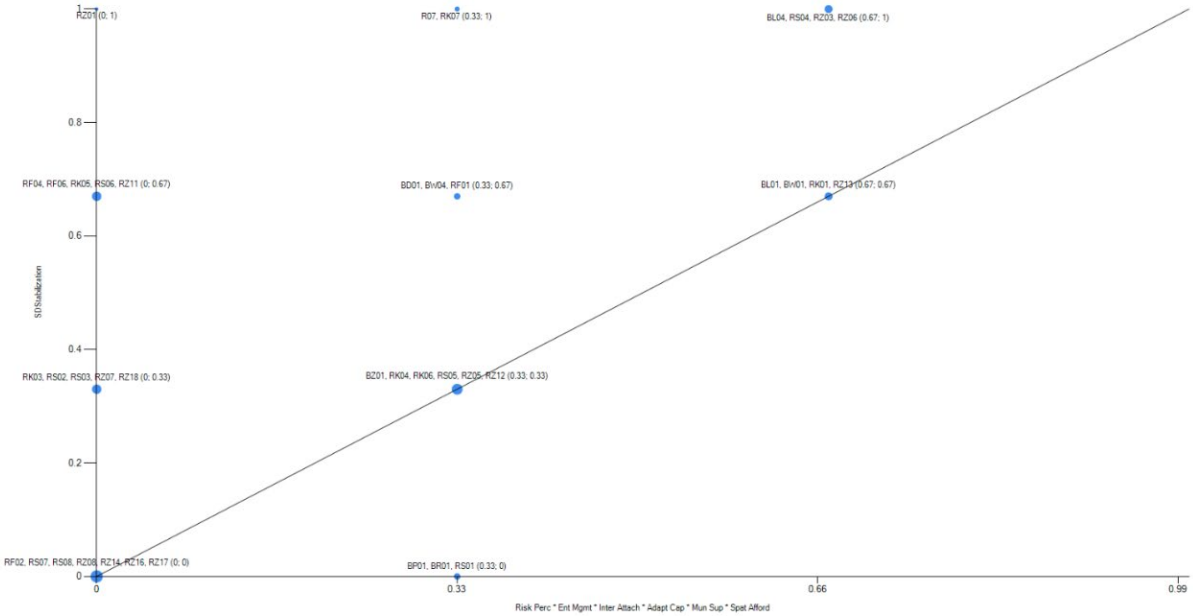
SDS Outcome Present *~ denotes absence in relation to conditions*		**SDS Outcome Absent** *~ denotes absence in relation to conditions*	
Risk Perc	0.8377	Risk Perc	0.6531
~Risk Perc	0.4451	~Risk Perc	0.5945
Ent Mgmt	0.8211	Ent Mgmt	0.7979
~Ent Mgmt	0.4794	~Ent Mgmt	0.4651
Inter Attach	0.857	Inter Attach	0.7492
~Inter Attach	0.4788	~Inter Attach	0.5448
Adapt Cap	0.8934	Adapt Cap	0.797
~Adapt Cap	0.2303	~Adapt Cap	0.3113
Mun Sup	0.5704	Mun Sup	0.421
~Mun Sup	0.624	~Mun Sup	0.7492
Spat Afford	0.9288	Spat Afford	0.7501
~Spat Afford	0.3187	~Spat Afford	0.4665

Results from the analysis of necessity from the FC-model visualized as Table 4 in the main text

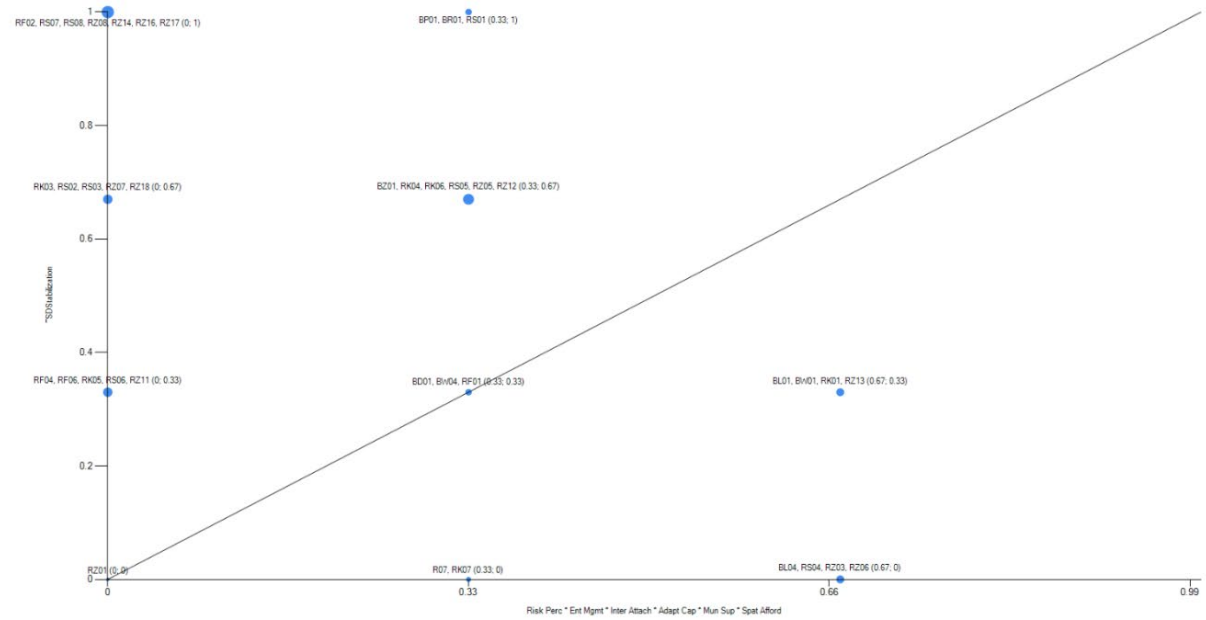
SDS Outcome Present *~ denotes absence in relation to conditions*		**SDS Outcome Absent** *~ denotes absence in relation to conditions*	
Risk Perc	0.8377	Risk Perc	0.6531
~Risk Perc	0.4451	~Risk Perc	0.5945
Ent Mgmt	0.8211	Ent Mgmt	0.7979
~Ent Mgmt	0.4794	~Ent Mgmt	0.4651
Inter Attach	0.857	Inter Attach	0.7492
~Inter Attach	0.4788	~Inter Attach	0.5448
Adapt Cap	0.8934	Adapt Cap	0.797
~Adapt Cap	0.2303	~Adapt Cap	0.3113
Mun Sup	0.5704	Mun Sup	0.421
~Mun Sup	0.624	~Mun Sup	0.7492
Fun Compat	0.9106	Fun Compat	0.7656
~Fun Compat	0.3369	~Fun Compat	0.451

RD 4.0 XY Plots

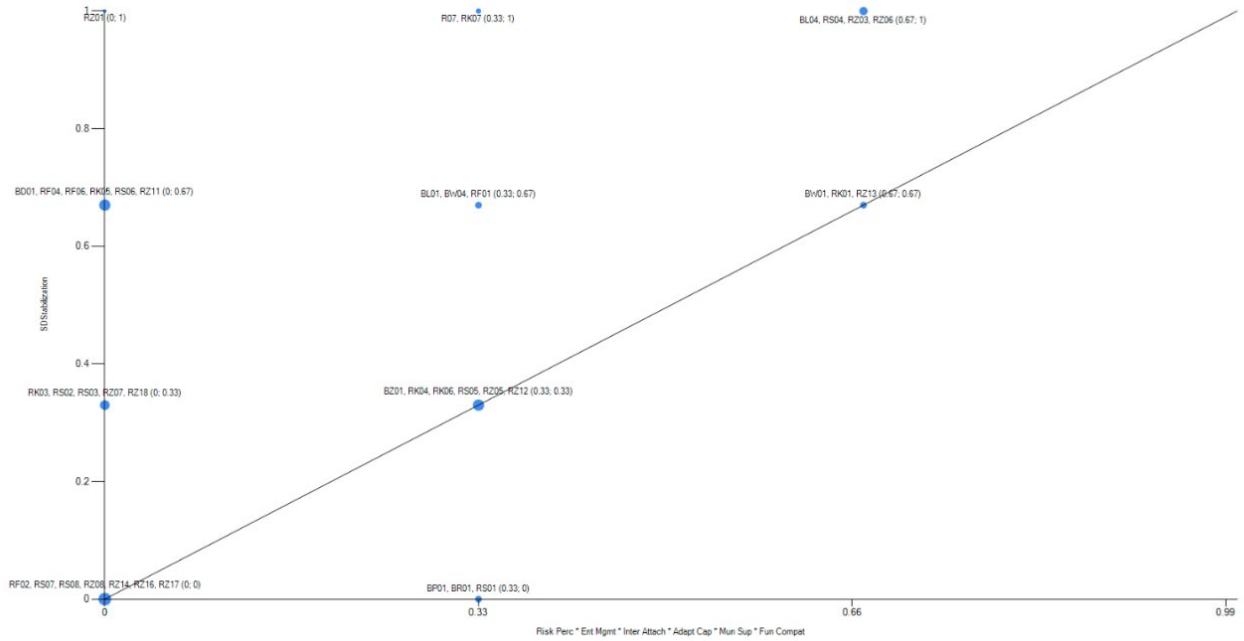
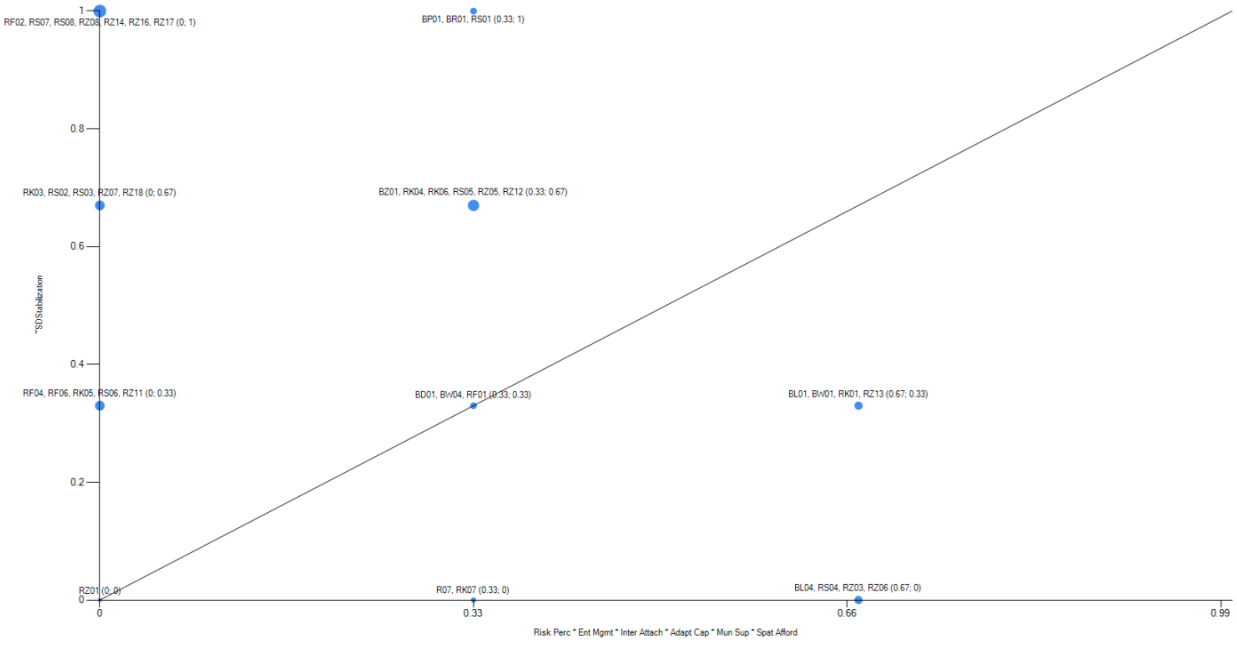
XY Plot for the SA-model visualized as Table 5 in the main text. This presents graphical evidence for the conditions (RP, EM, IA, AC, MS, SA) and outcome SDS.



XY Plot for the SA-model visualized as Table 5 in the main text. This presents graphical evidence for the conditions (RP, EM, IA, AC, MS, SA) and outcome ~SDS.



XY Plot for the FC-model visualized as Table 6 in the main text. This presents graphical evidence for the conditions (RP, EM, IA, AC, MS, FC) and outcome SDS.



XY Plot for the FC-model visualized as Table 6 in the main text. This presents graphical evidence for the conditions (RP, EM, IA, AC, MS, FC) and outcome ~SDS.