Online Appendix

Appendix A: List of actors

Name	Type	Full name	T1	T2	T3
alpig	1	Alpig AG			1
cemsuisse	1	Cemsuisse, Association of the Swiss Cement Industry	1	1	1
cleantech	1	swisscleantech			1
coop	1	Coop			1
eco	1	Ecoplan AG			
econ	1	economiesuisse, Swiss Business Federatio	1	1	1
factor	1	Factor AG	1	1	
hev	1	Homeowners' Association	1	1	1
infras	1	Infras AG	1	1	
klik	1	Foundation for Climate Protection and CO2 Compensation			1
migros	1	Migros			1
oebu	1	öbu - Association for Sustainable Management	1	1	1
oil	1	Avenergy Suisse (formerly Oil Association)	1	1	1
prognos	1	Prognos AG	1	1	
sab	1	Swiss Working Group for Mountain Regions		1	1
sbv	1	Swiss Bankers Association		1	1
scienceind	1	sciencesindustries	1	1	1
sgv	1	Swiss Trade Association		1	1
skr	1	Climate Cent Foundation		1	
smem	1	swissmem	1	1	1
suissetec	1	Swiss-Liechtenstein Building Services Engineering Association			1
acs	2	Swiss Automobile Club		1	
act	2	act - Cleantech Agency Switzerland			
aee	2	aeesuisse	1	1	1
aero	2	Aerosuisse			1
agvs	2	Swiss Car Trade Association		1	
astag	2	Swiss Utility Vehicle Association		1	
auto-s	2	Auto-Schweiz		1	1
aves	2	Action for Sensible Energy Policy Switzerland		1	
efs	2	Energy Forum Switzerland	1	1	
enaw	2	Energy Agency of the Economy	1	1	1
frs	2	Road Traffic Association	1	1	1
sbb	2	Swiss Federal Railways			
ses	2	Swiss Energy Foundation		1	1
sses	2	Swiss Solar Energy Association			
swissoil	2	Association of Fuel Traders		1	1
swissolar	2	Swissolar - Swiss Trade Association for Solar Energy		1	1
tcs	2	Swiss Touring Club	1	1	1
vcs	2	Association for Transport and Environment	1	1	1
voev	2	Union of Public Transport		1	1
bau	3	Bauenschweiz (umbrella organisation of the Swiss construction industry)			1
bmei	3	Swiss Association of Master Builders			

frc	3	Consumer Protection Federation		1	1
frc	3	Consumer Protection Federation		1	1
mv	3	Swiss Tenants Association		1	1
sgb	3	Swiss Trade Union Federation	1	1	1
sks	3	Consumer Protection Organisation			1
trav	3	Association of Trade Unions	1	1	1
bdp	5	Bourgeois Democratic Party		1	
cvp	5	Christian Democratic People´s Party	1	1	1
evp	5	Evangelic People´s Party			
fdp	5	FDP. The Liberals	1	1	1
glp	5	Green Liberal Party of Switzerland		1	1
gps	5	Green Party of Switzerland	1	1	1
mitte	5	The Centre			
sp	5	Social Democratic Party of Switzerland	1	1	1
svp	5	Swiss People´s Party	1	1	1
eth	6	ETH Zurich			
nccr	6	Swiss National Science Foundation Competence Centre on Climate Change	1		
occc	6	Swiss National Centre for Climate Services	1	1	1
proclim	6	ProClim Forum for Global and Climate Change	1	1	1
scnat	6	Swiss Academy of Sciences		1	1
aefu	7	Doctors for Environmental Protection		1	1
asud	7	Alliance Sud			1
equiterre	7	Equiterre Association	1	1	1
green	7	Greenpeace Switzerland	1	1	1
kla	7	Climate Alliance			1
kls	7	Climate Strike			
pronat	7	Pro Natura		1	1
vks	7	Swiss Climate Protection Association			
wwfs	7	Worldwide Fund for Nature Switzerland	1	1	1

Appendix B:

Table 1: Alternative model setup: SAOM only coordination including administrative actors, all periods

	BASIC MODEL	CONTROLS	STRUCTURAL
COORDINATION RATE, T1–T2	5.280***	5.575***	7.939***
	(0.792)	(0.907)	(1.738)
COORDINATION RATE, T2–T3	11.831***	12.855***	15.062***
	(2.134)	(2.694)	(3.699)
COORDINATION RATE, T3–T4	6.564***	6.955***	7.911***
	(1.285)	(1.524)	(1.746)
DENSITY	-0.702***	0.865	-2.550˙
	(0.055)	(0.993)	(1.313)
TRANSITIVE TIES			0.228***
			(0.028)
SAME ACTOR TYPE		0.220	0.241˙
		(0.139)	(0.138)
PERCEIVED INFLUENCE		0.240	-0.188
		(0.152)	(0.193)
CONVERGENCE RATIO	0.0790	0.1332	0.0488
ITERATIONS	10,604	10,773	10,785

p-values: ***p < 0.001; **p < 0.01; *p < 0.05; ˙p < 0.1.

Table 2: Alternative model setup: Bipartite coevolution model

	BASIC MODEL	COEVOLUTION	CONTROLS	FULL MODEL
COORDINATION RATE, T1–T2	11.213***	10.578**	13.168˙	22.128˙
	(3.062)	(3.223)	(7.249)	(12.147)
COORDINATION RATE, T2–T3	4.690***	5.676***	6.444**	7.266**
	(1.175)	(1.664)	(2.146)	(2.521)
DENSITY, COORDINATION	-1.136***	-2.119***	0.464	-0.437
	(0.101)	(0.299)	(2.193)	(1.805)
TRANSITIVE TIES				1.076˙
				(0.517)
SAME ACTOR TYPE			0.379˙	0.364˙
			(0.219)	(0.213)
PERCEIVED INFLUENCE			0.359	0.324
			(0.306)	(0.245)
BELIEF SIMILARITY, JACCARD SIMILARITY		2.539***	2.453***	1.854***
		(0.591)	(0.614)	(0.544)
TWO-MODE BELIEFS RATE, T1–T2	5.084***	5.164***	5.176***	5.249***
	(0.776)	(0.807)	(0.814)	(0.815)
TWO-MODE BELIEFS RATE, T1–T2	2.356***	2.427***	2.414***	2.364***
	(0.452)	(0.475)	(0.470)	(0.460)
DENSITY, TWO-MODE	0.468***	0.001	-0.009	-0.444˙
	(0.106)	(0.221)	(0.220)	(0.237)
FOUR CYCLES				0.008˙
				(0.004)
COLLABORATION, indirect		0.237*	0.245*	0.249*
		(0.114)	(0.115)	(0.109)
CONVERGENCE RATIO	0.0360	0.0528	0.0745	0.0849
ITERATIONS	10,802	10,654	11,159	11,109

p-values: ***p < 0.001; **p < 0.01; *p < 0.05; ˙p < 0.1.

Appendix C: Goodness of Fit (GOF) Plots

The following figures present the plots for standard GOF statistics (Indegree Distribution, Outdegree Distribution, Triad Census, Geodesic Distance, Distribution of Beliefs) for all the models displayed in Tables 3–4. For a good GOF, the observed statistics (red line and dots) should fall within the range of the simulated distributions (boxplots and dashed lines). If the red dots (observed network) mostly fall within the boxplot whiskers, the model fits well.

Inspecting the plots in Figures C.1–C.4 does not reveal any serious fit issues across all the final models presented in Tables 3–4 (main text).

Figure C.1: GOF plots for the model Final Model, All Belief Types *(see Table 4, main text)*
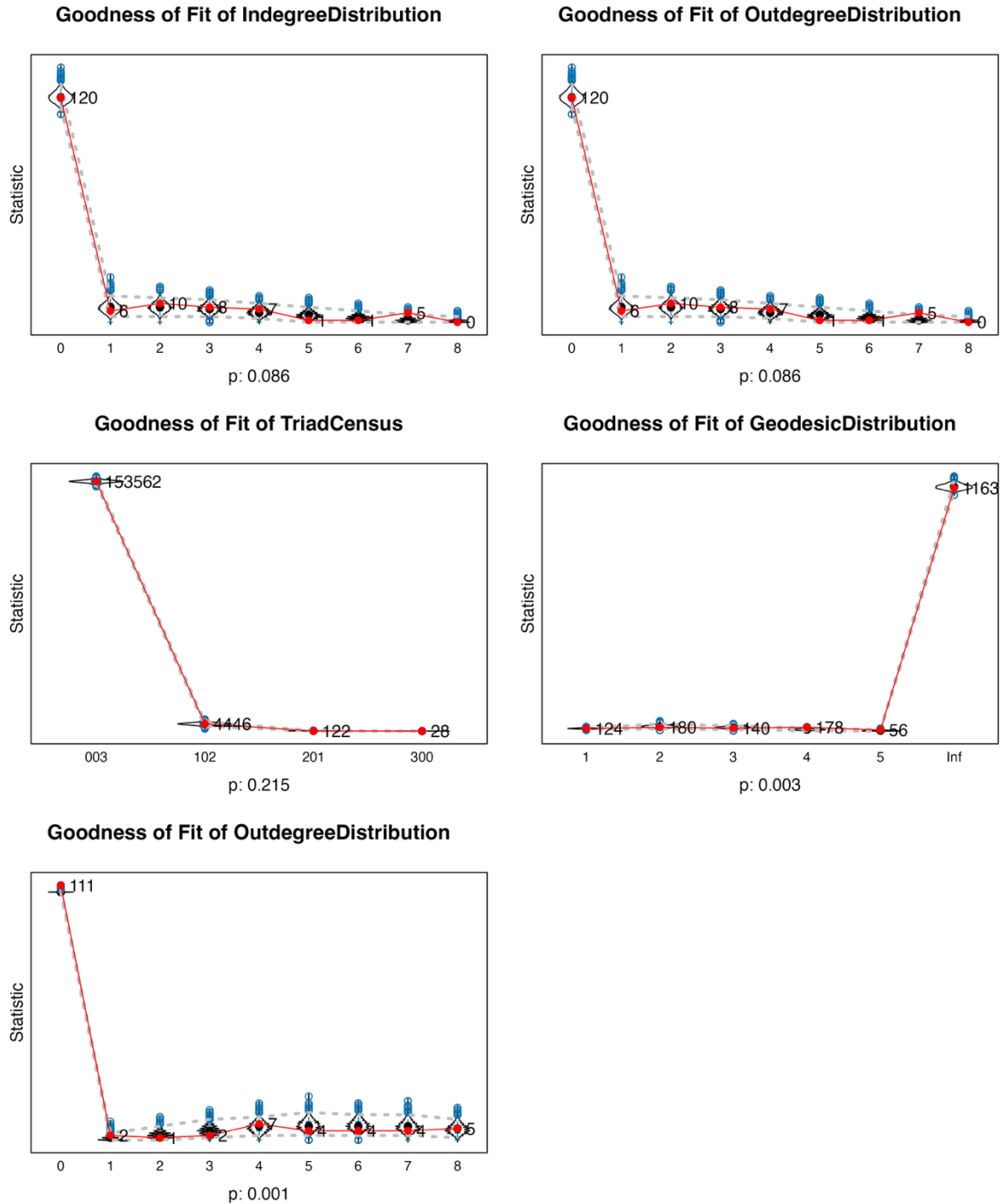
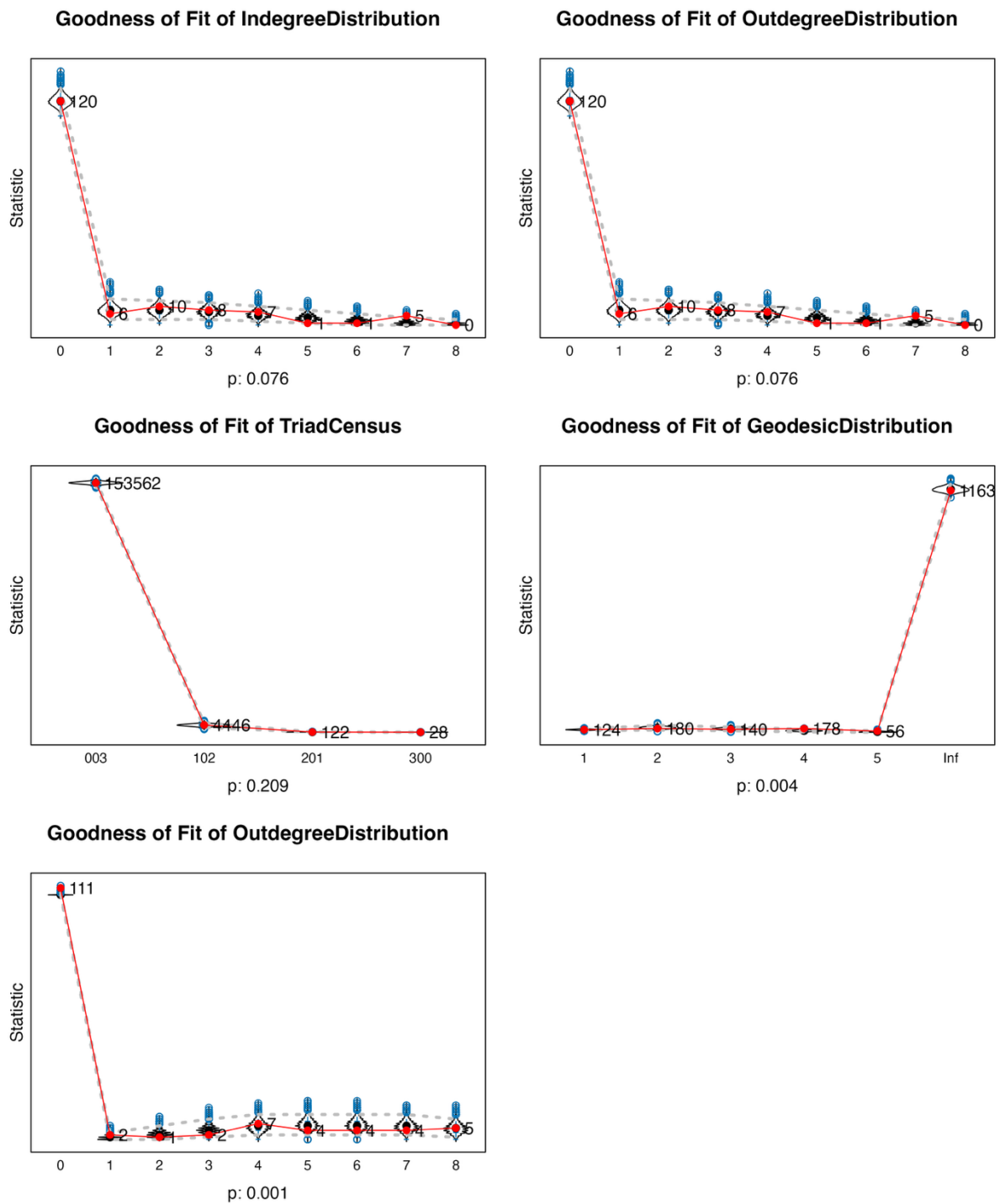**Figure C.2: GOF plots for the model Final Model, Policy Core Beliefs (PCBs)** *(see Table 5, main text)*

Goodness of Fit of IndegreeDistribution

p: 0.076

Goodness of Fit of OutdegreeDistribution

p: 0.076

Goodness of Fit of TriadCensus

p: 0.209

Goodness of Fit of GeodesicDistribution

p: 0.004

Goodness of Fit of OutdegreeDistribution

p: 0.001

Figure C.3: GOF plots for the model Final Model, Secondary Aspects (SAs) *(see Table 5, main text)*

Goodness of Fit of IndegreeDistribution

p: 0.078

Goodness of Fit of OutdegreeDistribution

p: 0.078

Goodness of Fit of TriadCensus

p: 0.479

Goodness of Fit of GeodesicDistribution

p: 0.005

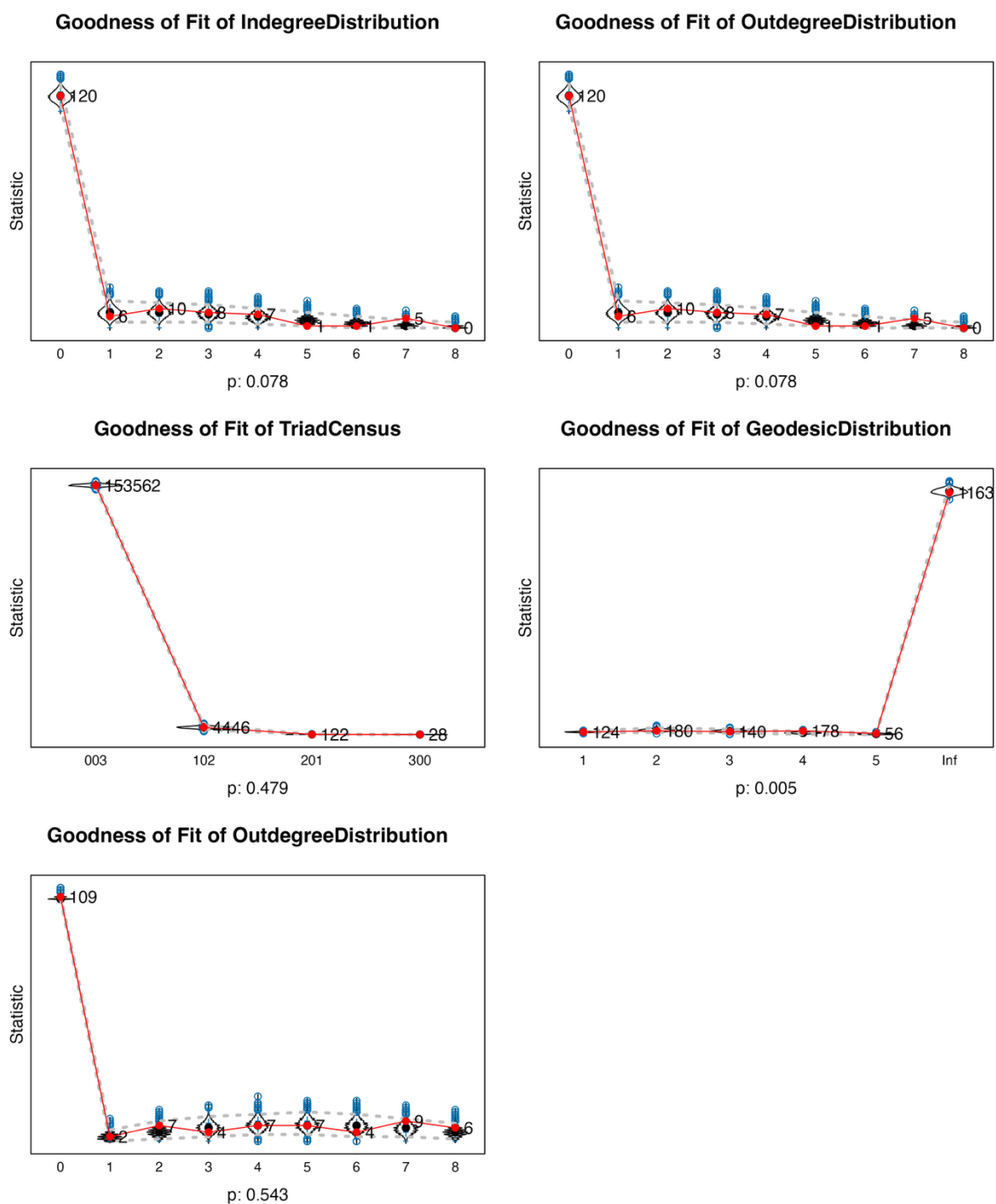Goodness of Fit of OutdegreeDistribution

p: 0.543

Figure C.4: GOF plots for the model Alternative Model Setup: Governmental Actors *(see Table B.1, Appendix B)*

Goodness of Fit of IndegreeDistribution

Goodness of Fit of OutdegreeDistribution

Goodness of Fit of TriadCensus

Goodness of Fit of GeodesicDistribution