Supplementary Materials

Constraints, Government Support, and Environmental Innovation for Sustainability in SMEs: A Configurational Analysis across Industrial Sectors

Tables S1–S10 report the complete truth tables for all analyses, and Tables S11–S12 compare the conservative, parsimonious and intermediate solutions. Conditions: Fin_cons = financial constraint; Cap_cons = capability constraint; Mkt_cons = market constraint; Reg_cons = regulatory constraint; Gov1 = financial support; Gov2 = non-financial support. Parsimonious and intermediate solutions follow the enhanced standard analysis: logical remainders that would serve as simplifying assumptions in both the analysis of the outcome and that of its absence (contradictory simplifying assumptions) are excluded from the minimisation (Section 3.2 of the main text).

Table S1. Truth table for the presence of IEB_FIRM, pooled sample (*N* = 1293).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
1	1	1	0	0	1	7	0.935	0.657	1
0	1	1	0	0	0	125	0.852	0.691	1
1	1	1	1	0	1	1	0.956	0.713	E
1	0	1	0	0	1	1	0.954	0.596	E
0	1	1	1	0	1	2	0.941	0.623	R
1	0	0	0	0	1	1	0.936	0.471	E
1	0	0	1	0	1	1	0.932	0.462	E
1	1	0	1	0	1	2	0.930	0.524	E
0	1	0	1	0	1	2	0.927	0.537	R
0	1	0	0	0	1	4	0.914	0.489	R
0	1	1	0	0	1	14	0.908	0.552	0
1	0	1	0	0	0	1	0.902	0.558	R
0	0	1	1	0	1	3	0.898	0.410	R
1	0	1	0	1	0	3	0.897	0.450	R
1	1	0	0	0	0	2	0.895	0.596	R
1	1	0	1	0	0	2	0.893	0.602	R
1	1	1	0	0	0	7	0.879	0.577	0
1	1	1	1	1	0	4	0.878	0.464	R
1	1	1	0	1	0	6	0.874	0.463	0
1	0	0	0	0	0	2	0.874	0.505	R
1	1	0	0	1	0	2	0.872	0.448	R
1	0	0	1	0	0	4	0.870	0.509	R
1	1	1	1	0	0	12	0.869	0.561	0
0	1	1	0	1	0	21	0.864	0.519	0
1	0	1	1	1	0	4	0.864	0.351	R
0	1	1	1	1	0	2	0.863	0.417	R
0	1	1	1	0	0	17	0.863	0.593	0
1	0	0	0	1	0	5	0.862	0.401	0
0	0	1	0	0	1	9	0.860	0.381	0
1	1	0	1	1	0	7	0.856	0.467	0
0	1	0	0	0	0	61	0.856	0.606	0
0	0	1	0	1	0	12	0.853	0.440	0
0	1	0	0	1	0	13	0.852	0.489	0
0	1	0	1	0	0	7	0.849	0.541	0
0	0	1	1	0	0	17	0.845	0.527	0
1	0	0	1	1	0	5	0.833	0.359	0
0	0	1	0	0	0	67	0.830	0.549	0
0	1	0	1	1	0	8	0.828	0.431	0

0	0	0	1	0	1	13	0.806	0.236	0
0	1	0	0	1	1	11	0.767	0.316	0
0	0	0	0	0	0	187	0.752	0.481	0
0	0	0	1	1	0	24	0.752	0.321	0
0	0	0	1	0	0	84	0.747	0.443	0
0	0	0	0	1	0	41	0.746	0.316	0
0	1	0	1	1	1	9	0.746	0.278	0
1	1	0	1	1	1	20	0.743	0.339	0
1	0	0	0	1	1	12	0.742	0.241	0
1	0	0	1	1	1	9	0.742	0.238	0
1	1	0	0	1	1	12	0.740	0.286	0
0	0	1	1	1	1	9	0.732	0.247	0
0	0	1	0	1	1	38	0.730	0.314	0
0	1	1	0	1	1	48	0.723	0.345	0
0	1	1	1	1	1	14	0.723	0.268	0
0	0	0	0	0	1	42	0.720	0.177	0
1	0	1	0	1	1	10	0.712	0.221	0
1	0	1	1	1	1	10	0.701	0.197	0
0	0	0	1	1	1	38	0.667	0.198	0
0	0	0	0	1	1	81	0.643	0.235	0
1	1	1	0	1	1	52	0.639	0.281	0
1	1	1	1	1	1	66	0.556	0.177	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 5$; raw consistency ≥ 0.85; PRI ≥ 0.65); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 5 cases). Rows meeting the cut-offs: 2; observed remainders: 19; rows without cases (4) are unobserved remainders and are not shown. Rows with at least 5 cases cover 1250 of 1293 cases (97%). E = observed remainder excluded from the minimisation as a contradictory simplifying assumption (enhanced standard analysis); 5 observed and 2 unobserved remainder(s) are excluded in this sample.

Table S2. Truth table for the presence of IEB_FIRM, supplier-dominated industries (N = 259).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
0	1	0	0	1	0	3	0.933	0.786	1
1	1	0	1	1	0	4	0.917	0.787	1
0	1	1	0	1	0	7	0.904	0.723	1
0	0	1	0	1	0	5	0.892	0.653	1
0	0	0	0	1	0	5	0.891	0.671	1
0	1	0	1	1	0	5	0.885	0.721	1
0	1	0	0	0	0	18	0.881	0.686	1
0	1	1	1	0	0	4	0.869	0.667	1
0	1	1	0	0	0	27	0.859	0.708	1
1	1	1	0	0	1	2	0.982	0.914	R
0	1	1	1	0	1	2	0.966	0.864	R
0	1	0	1	0	1	1	0.959	0.808	R
1	1	0	1	0	0	2	0.958	0.863	R
1	1	1	1	1	0	2	0.954	0.840	R
1	0	0	0	0	0	2	0.938	0.763	R
1	0	1	0	0	0	1	0.938	0.739	R
1	0	0	1	0	0	1	0.937	0.747	R
1	1	1	1	0	0	2	0.926	0.778	R
0	0	1	0	0	1	1	0.925	0.631	R
0	0	1	1	0	1	1	0.921	0.670	R
0	1	1	1	1	0	1	0.882	0.603	R
0	0	0	0	0	1	2	0.868	0.431	R
0	1	0	1	0	0	2	0.867	0.650	R
0	0	0	1	1	0	6	0.864	0.616	0
1	1	1	0	0	0	3	0.857	0.602	0
0	0	1	0	0	0	14	0.841	0.589	0
0	0	0	1	0	1	4	0.836	0.410	0
0	0	1	1	0	0	6	0.826	0.570	0
0	0	0	1	0	0	15	0.823	0.628	0
0	0	0	0	0	0	48	0.773	0.538	0
1	1	0	1	1	1	10	0.767	0.573	0
0	1	0	0	1	1	2	0.759	0.372	R
0	1	1	0	1	1	3	0.745	0.373	0
0	0	1	0	1	1	2	0.745	0.317	R
1	0	0	0	1	1	1	0.744	0.313	R
0	1	0	1	1	1	2	0.736	0.423	R
1	1	0	0	1	1	1	0.733	0.355	R
1	1	1	1	1	1	2	0.719	0.391	R
0	1	1	1	1	1	4	0.715	0.354	0
0	0	1	1	1	1	4	0.714	0.286	0
0	0	0	0	1	1	5	0.712	0.278	0
1	0	0	1	1	1	2	0.707	0.296	R
0	0	0	1	1	1	9	0.702	0.325	0
1	0	1	0	1	1	2	0.699	0.253	R
1	0	1	1	1	1	4	0.695	0.255	0
1	1	1	0	1	1	10	0.628	0.269	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 3$; raw consistency ≥ 0.85; PRI ≥ 0.65); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 3 cases). Rows meeting the cut-offs: 9; observed remainders: 22; rows without cases (18) are unobserved remainders and are not shown. Rows with at least 3 cases cover 223 of 259 cases (86%). No contradictory simplifying assumption arises in this sample.

Table S3. Truth table for the presence of IEB_FIRM, scale-intensive industries (N = 443).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
0	1	0	0	0	1	3	0.951	0.663	1
0	1	1	0	0	0	69	0.887	0.796	1
0	1	0	0	0	0	20	0.881	0.683	1
1	0	0	0	0	1	1	0.970	0.689	R
1	1	1	0	0	1	1	0.954	0.684	R
1	0	1	0	0	1	1	0.953	0.582	R
0	1	0	1	0	1	1	0.947	0.608	R
1	1	0	1	0	1	1	0.944	0.525	E
0	1	1	0	0	1	4	0.930	0.578	0
0	0	0	1	0	1	2	0.919	0.478	R
0	0	0	0	0	1	4	0.914	0.497	0
0	0	1	0	0	1	3	0.912	0.468	0
1	1	0	0	0	0	1	0.909	0.630	R
1	0	1	0	1	0	2	0.889	0.443	R
1	1	1	0	0	0	2	0.889	0.568	R
0	1	1	0	1	0	7	0.889	0.545	0
1	1	1	0	1	0	2	0.883	0.498	R
1	0	0	1	0	0	2	0.878	0.513	R
0	1	0	0	1	0	4	0.871	0.481	0
0	0	1	0	1	0	2	0.869	0.364	R
1	1	1	1	1	0	2	0.859	0.335	R
0	0	1	0	0	0	26	0.849	0.587	0
1	1	0	0	1	0	2	0.848	0.404	R
0	0	1	1	0	0	3	0.847	0.441	0
0	1	1	1	0	0	3	0.846	0.429	0
0	1	0	1	0	0	1	0.842	0.439	R
0	1	0	0	1	1	6	0.839	0.464	0
1	1	1	1	0	0	4	0.831	0.340	0
1	1	0	1	1	0	3	0.831	0.342	0
1	0	1	1	1	0	2	0.830	0.231	R
1	0	0	0	1	0	3	0.817	0.283	0
0	0	1	0	1	1	7	0.801	0.397	0
0	1	0	1	1	1	3	0.793	0.302	0
0	0	0	0	1	1	22	0.787	0.468	0
0	1	1	0	1	1	13	0.784	0.433	0
1	1	0	0	1	1	5	0.784	0.345	0
1	1	0	1	1	1	2	0.781	0.285	R
1	0	0	1	1	0	2	0.777	0.196	R
0	0	0	0	0	0	63	0.773	0.500	0
0	0	1	1	1	1	1	0.772	0.289	R
0	0	0	0	1	0	14	0.769	0.286	0
0	0	0	1	1	0	11	0.769	0.314	0
1	0	0	0	1	1	5	0.766	0.272	0
1	0	0	1	1	1	4	0.764	0.242	0
0	0	0	1	1	1	6	0.753	0.249	0
0	1	1	1	1	1	4	0.744	0.276	0
1	0	1	0	1	1	6	0.741	0.294	0
0	0	0	1	0	0	41	0.733	0.398	0
1	1	1	0	1	1	15	0.691	0.358	0
1	1	1	1	1	1	32	0.519	0.150	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 3$; raw consistency ≥ 0.85; PRI ≥ 0.65); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 3 cases). Rows meeting the cut-offs: 3; observed remainders: 19; rows without cases (14) are unobserved remainders and are not shown. Rows with at least 3 cases cover 413 of 443 cases (93%). E = observed remainder excluded from the minimisation as a contradictory simplifying assumption (enhanced standard analysis); 1 observed and 0 unobserved remainder(s) are excluded in this sample.

Table S4. Truth table for the presence of IEB_FIRM, specialised suppliers (N = 325).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
0	1	1	1	0	0	4	0.903	0.722	1
0	0	1	1	0	0	6	0.895	0.661	1
1	1	1	1	0	1	1	0.947	0.670	R
1	0	0	1	0	1	1	0.929	0.417	R
1	1	0	1	0	1	1	0.924	0.393	R
1	0	0	0	1	0	1	0.909	0.414	R
0	0	1	1	0	1	2	0.897	0.345	R
0	1	1	0	0	1	7	0.896	0.558	0
1	1	1	1	0	0	4	0.895	0.645	0
1	0	0	1	1	0	2	0.893	0.507	R
1	1	1	0	0	0	1	0.892	0.587	R
0	0	1	0	1	0	1	0.889	0.476	R
0	1	0	0	0	1	1	0.883	0.374	R
0	1	1	0	1	0	6	0.882	0.535	0
1	1	1	0	0	1	4	0.882	0.515	0
0	1	1	1	1	0	1	0.880	0.344	R
0	1	0	1	0	0	2	0.871	0.568	R
0	1	0	0	0	0	13	0.865	0.614	0
0	1	1	0	0	0	16	0.863	0.645	0
0	1	0	0	1	0	1	0.858	0.435	R
1	0	0	1	0	0	1	0.858	0.390	R
1	1	1	0	1	0	2	0.856	0.298	R
0	0	1	0	0	0	14	0.851	0.619	0
0	0	1	0	0	1	3	0.810	0.351	0
0	1	0	1	1	0	1	0.810	0.231	R
0	1	0	0	1	1	1	0.784	0.277	R
1	1	0	0	1	1	2	0.777	0.288	R
0	0	0	1	0	1	3	0.776	0.166	0
1	0	0	0	1	1	2	0.774	0.200	R
0	0	0	1	0	0	12	0.765	0.416	0
0	0	0	0	0	0	51	0.758	0.526	0
0	0	1	1	1	1	4	0.753	0.291	0
0	1	1	1	1	1	1	0.749	0.220	R
1	1	0	1	1	1	6	0.732	0.233	0
0	1	1	0	1	1	14	0.730	0.348	0
0	0	1	0	1	1	11	0.719	0.290	0
0	0	0	1	1	0	3	0.712	0.162	0
0	0	0	0	1	0	11	0.692	0.231	0
0	0	0	1	1	1	7	0.686	0.178	0
1	0	1	1	1	1	3	0.678	0.163	0
1	1	1	0	1	1	10	0.637	0.206	0
0	0	0	0	0	1	31	0.551	0.087	0
0	0	0	0	1	1	31	0.541	0.105	0
1	1	1	1	1	1	26	0.508	0.142	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 3$; raw consistency ≥ 0.85; PRI ≥ 0.65); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 3 cases). Rows meeting the cut-offs: 2; observed remainders: 19; rows without cases (20) are unobserved remainders and are not shown. Rows with at least 3 cases cover 300 of 325 cases (92%). E = observed remainder excluded from the minimisation as a contradictory simplifying assumption (enhanced standard analysis); 0 observed and 1 unobserved remainder(s) are excluded in this sample.

Table S5. Truth table for the presence of IEB_FIRM, science-based industries (*N* = 266).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
1	1	1	0	0	0	1	0.864	0.550	R
1	1	1	1	0	0	2	0.850	0.558	R
0	1	1	0	0	1	3	0.846	0.361	0
1	0	1	0	1	0	1	0.842	0.313	R
0	1	1	1	0	0	6	0.835	0.570	0
1	0	0	0	1	0	1	0.828	0.367	R
0	1	0	1	0	0	2	0.816	0.533	R
1	0	1	1	1	0	2	0.815	0.334	R
0	0	1	0	0	1	2	0.807	0.183	R
0	0	1	1	0	0	2	0.806	0.442	R
1	1	1	0	1	0	2	0.801	0.308	R
1	1	0	0	0	0	1	0.798	0.402	R
1	0	0	1	1	0	1	0.794	0.282	R
0	0	1	0	1	0	4	0.774	0.325	0
0	1	1	0	1	0	1	0.770	0.269	R
0	1	0	0	0	0	10	0.760	0.323	0
0	0	1	0	0	0	13	0.753	0.333	0
0	1	0	0	1	0	5	0.749	0.306	0
0	1	0	1	1	0	2	0.748	0.255	R
0	1	1	0	0	0	13	0.734	0.347	0
1	0	0	1	1	1	3	0.691	0.175	0
1	0	1	1	1	1	3	0.690	0.155	0
0	0	0	0	0	1	5	0.684	0.103	0
0	0	0	1	0	1	4	0.683	0.053	0
0	0	0	0	0	0	25	0.682	0.300	0
1	0	0	0	1	1	4	0.678	0.188	0
0	0	0	1	0	0	16	0.677	0.359	0
0	0	0	1	1	0	4	0.676	0.250	0
0	0	0	0	1	0	11	0.676	0.238	0
1	0	1	0	1	1	2	0.672	0.152	R
0	1	1	1	1	1	5	0.672	0.213	0
1	1	0	1	1	1	2	0.670	0.147	R
0	1	0	0	1	1	2	0.655	0.146	R
0	0	1	0	1	1	18	0.652	0.267	0
0	1	0	1	1	1	4	0.651	0.128	0
1	1	0	0	1	1	4	0.643	0.162	0
0	1	1	0	1	1	18	0.626	0.244	0
1	1	1	1	1	1	6	0.582	0.150	0
1	1	1	0	1	1	17	0.575	0.255	0
0	0	0	0	1	1	23	0.547	0.147	0
0	0	0	1	1	1	16	0.537	0.105	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 3$; raw consistency ≥ 0.85; PRI ≥ 0.65); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 3 cases). Rows meeting the cut-offs: 0; observed remainders: 16; rows without cases (23) are unobserved remainders and are not shown. Rows with at least 3 cases cover 240 of 266 cases (90%). No row meets the cut-offs, so no solution is derived. No contradictory simplifying assumption arises in this sample.

Table S6. Truth table for the absence of IEB_FIRM, pooled sample (*N* = 1293).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
0	0	0	0	0	1	42	0.940	0.823	1
0	0	0	1	0	1	13	0.939	0.761	1
1	0	1	1	1	1	10	0.926	0.802	1
1	0	0	1	1	1	9	0.920	0.762	1
1	0	1	0	1	1	10	0.918	0.779	1
1	0	0	0	1	1	12	0.917	0.756	1
0	0	0	1	1	1	38	0.913	0.790	1
0	0	1	1	1	1	9	0.912	0.753	1
0	1	0	1	1	1	9	0.902	0.722	1
1	1	1	1	1	1	66	0.900	0.816	1
1	0	0	0	0	1	1	0.943	0.529	E
1	0	0	1	0	1	1	0.942	0.538	E
1	0	1	0	0	1	1	0.932	0.404	E
0	0	1	1	0	1	3	0.929	0.590	R
1	0	1	1	1	0	4	0.926	0.649	R
1	1	0	1	0	1	2	0.923	0.476	E
0	1	0	0	0	1	4	0.918	0.511	R
1	0	1	0	1	0	3	0.915	0.550	R
0	1	0	1	0	1	2	0.915	0.463	R
0	0	1	0	0	1	9	0.913	0.616	0
1	0	0	0	1	0	5	0.908	0.599	0
1	0	0	1	1	0	5	0.906	0.639	0
0	1	1	1	0	1	2	0.903	0.377	R
0	1	1	1	1	0	2	0.900	0.574	R
1	1	0	0	1	0	2	0.896	0.552	R
1	1	0	0	1	1	12	0.894	0.710	0
1	1	1	1	1	0	4	0.894	0.536	R
0	1	1	1	1	1	14	0.892	0.716	0
0	1	0	0	1	1	11	0.892	0.682	0
1	1	1	0	1	0	6	0.892	0.537	0
1	1	1	1	0	1	1	0.891	0.287	E
0	0	0	0	1	1	81	0.887	0.758	0
0	1	1	0	0	1	14	0.885	0.444	0
0	0	1	0	1	0	12	0.885	0.560	0
0	0	0	1	1	0	24	0.882	0.677	0
0	0	0	0	1	0	41	0.879	0.675	0
1	0	1	0	0	0	1	0.877	0.442	R
1	1	1	0	0	1	7	0.876	0.343	0
0	0	1	0	1	1	38	0.875	0.683	0
1	1	0	1	1	0	7	0.874	0.533	0
1	0	0	0	0	0	2	0.872	0.495	R
0	1	0	1	1	0	8	0.870	0.569	0
1	1	0	1	1	1	20	0.868	0.661	0
1	0	0	1	0	0	4	0.864	0.487	R
1	1	1	0	1	1	52	0.859	0.719	0
0	1	0	0	1	0	13	0.859	0.511	0
0	1	1	0	1	0	21	0.853	0.480	0
0	1	1	0	1	1	48	0.853	0.652	0
1	1	0	0	0	0	2	0.845	0.404	R
1	1	0	1	0	0	2	0.838	0.398	R
1	1	1	0	0	0	7	0.834	0.421	0

1	1	1	1	0	0	12	0.833	0.439	0
0	0	1	1	0	0	17	0.826	0.471	0
0	1	0	1	0	0	7	0.822	0.459	0
0	1	1	1	0	0	17	0.797	0.399	0
0	0	0	1	0	0	84	0.787	0.532	0
0	0	1	0	0	0	67	0.787	0.436	0
0	1	0	0	0	0	61	0.777	0.390	0
0	0	0	0	0	0	187	0.751	0.478	0
0	1	1	0	0	0	125	0.655	0.281	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 5$; raw consistency ≥ 0.90; PRI ≥ 0.70); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 5 cases). Rows meeting the cut-offs: 10; observed remainders: 19; rows without cases (4) are unobserved remainders and are not shown. Rows with at least 5 cases cover 1250 of 1293 cases (97%). E = observed remainder excluded from the minimisation as a contradictory simplifying assumption (enhanced standard analysis); 5 observed and 2 unobserved remainder(s) are excluded in this sample.

Table S7. Truth table for the absence of IEB_FIRM, supplier-dominated industries (*N* = 259).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
0	0	0	0	0	1	2	0.900	0.569	R
1	0	1	0	1	1	2	0.898	0.747	R
1	0	1	1	1	1	4	0.895	0.745	0
0	0	0	0	1	1	5	0.889	0.722	0
0	0	0	1	0	1	4	0.886	0.590	0
0	0	1	1	1	1	4	0.886	0.714	0
1	0	0	0	1	1	1	0.884	0.687	R
0	0	1	0	1	1	2	0.881	0.683	R
1	0	0	1	1	1	2	0.877	0.704	R
0	0	1	0	0	1	1	0.869	0.358	R
1	1	1	0	1	1	10	0.863	0.731	0
0	1	0	0	1	1	2	0.857	0.628	R
0	0	0	1	1	1	9	0.849	0.659	0
0	1	1	0	1	1	3	0.846	0.622	0
1	1	0	0	1	1	1	0.844	0.623	R
0	0	1	1	0	1	1	0.839	0.330	R
0	1	1	1	1	1	4	0.836	0.629	0
0	1	0	1	0	1	1	0.827	0.192	R
1	0	1	0	0	0	1	0.823	0.261	R
0	1	1	1	1	0	1	0.820	0.397	R
1	1	1	1	1	1	2	0.820	0.609	R
1	0	0	1	0	0	1	0.815	0.253	R
0	1	0	1	1	1	2	0.806	0.577	R
1	1	1	0	0	1	2	0.803	0.086	R
1	0	0	0	0	0	2	0.801	0.237	R
0	0	1	0	1	0	5	0.797	0.347	0
0	1	1	1	0	1	2	0.786	0.136	R
1	1	1	0	0	0	3	0.784	0.398	0
0	0	0	1	1	0	6	0.779	0.374	0
0	0	0	0	1	0	5	0.777	0.329	0
0	0	1	1	0	0	6	0.770	0.430	0
0	0	1	0	0	0	14	0.765	0.393	0
1	1	1	1	1	0	2	0.760	0.160	R
0	1	0	0	1	0	3	0.752	0.214	0
0	1	0	1	0	0	2	0.752	0.350	R
0	1	1	0	1	0	7	0.750	0.277	0
1	1	1	1	0	0	2	0.742	0.222	R
1	1	0	1	0	0	2	0.736	0.137	R
0	1	0	0	0	0	18	0.736	0.303	0
0	1	1	1	0	0	4	0.735	0.329	0
0	0	0	0	0	0	48	0.718	0.425	0
0	1	0	1	1	0	5	0.702	0.279	0
0	0	0	1	0	0	15	0.699	0.368	0
1	1	0	1	1	0	4	0.694	0.213	0
1	1	0	1	1	1	10	0.687	0.427	0
0	1	1	0	0	0	27	0.647	0.270	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 3$; raw consistency ≥ 0.90; PRI ≥ 0.70); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 3 cases). Rows meeting the cut-offs: 0; observed remainders: 22; rows without cases (18) are unobserved remainders and are not shown. Rows with at least 3 cases cover 223 of 259 cases (86%). No row meets the cut-offs, so no solution is derived. No contradictory simplifying assumption arises in this sample.

Table S8. Truth table for the absence of IEB_FIRM, scale-intensive industries (N = 443).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
1	0	0	0	1	0	3	0.928	0.717	1
1	0	0	1	1	1	4	0.925	0.758	1
0	0	0	1	1	1	6	0.918	0.751	1
1	1	1	1	1	1	32	0.912	0.845	1
1	0	0	0	1	1	5	0.910	0.720	1
1	0	1	1	1	0	2	0.949	0.769	R
1	0	0	1	1	0	2	0.946	0.804	R
1	1	0	1	0	1	1	0.938	0.475	E
1	0	1	0	0	1	1	0.935	0.418	R
1	0	0	0	0	1	1	0.934	0.311	R
1	1	1	1	1	0	2	0.929	0.665	R
0	0	0	1	0	1	2	0.926	0.522	R
0	0	1	0	1	0	2	0.925	0.636	R
0	0	1	0	0	1	3	0.922	0.532	0
0	1	0	1	0	1	1	0.919	0.392	R
0	0	0	0	0	1	4	0.915	0.503	0
1	1	1	1	0	0	4	0.913	0.660	0
1	1	0	1	1	1	2	0.913	0.715	R
1	0	1	0	1	0	2	0.912	0.557	R
1	1	0	1	1	0	3	0.912	0.658	0
0	1	0	1	1	1	3	0.911	0.698	0
0	0	1	1	1	1	1	0.907	0.711	R
0	1	0	0	0	1	3	0.904	0.337	0
0	0	0	0	1	0	14	0.902	0.697	0
0	1	1	0	0	1	4	0.901	0.407	0
1	1	1	0	0	1	1	0.900	0.316	R
0	1	1	1	1	1	4	0.897	0.710	0
1	1	0	0	1	0	2	0.897	0.596	R
0	0	0	1	1	0	11	0.894	0.686	0
1	0	1	0	1	1	6	0.892	0.706	0
1	1	0	0	1	1	5	0.886	0.655	0
1	1	1	0	1	0	2	0.884	0.502	R
0	1	0	0	1	0	4	0.881	0.519	0
0	0	1	1	0	0	3	0.879	0.559	0
0	1	1	1	0	0	3	0.879	0.552	0
0	1	0	1	0	0	1	0.876	0.561	R
0	0	1	0	1	1	7	0.869	0.603	0
1	0	0	1	0	0	2	0.869	0.475	R
0	1	1	0	1	0	7	0.867	0.455	0
0	1	0	0	1	1	6	0.861	0.536	0
1	1	1	0	0	0	2	0.854	0.432	R
1	1	0	0	0	0	1	0.845	0.370	R
0	1	1	0	1	1	13	0.833	0.562	0
1	1	1	0	1	1	15	0.827	0.641	0
0	0	0	1	0	0	41	0.809	0.569	0
0	0	0	0	1	1	22	0.804	0.510	0
0	0	1	0	0	0	26	0.778	0.394	0
0	1	0	0	0	0	20	0.743	0.316	0
0	0	0	0	0	0	63	0.740	0.427	0
0	1	1	0	0	0	69	0.546	0.181	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 3$; raw consistency ≥ 0.90; PRI ≥ 0.70); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 3 cases). Rows meeting the cut-offs: 5; observed remainders: 19; rows without cases (14) are unobserved remainders and are not shown. Rows with at least 3 cases cover 413 of 443 cases (93%). E = observed remainder excluded from the minimisation as a contradictory simplifying assumption (enhanced standard analysis); 1 observed and 0 unobserved remainder(s) are excluded in this sample.

Table S9. Truth table for the absence of IEB_FIRM, specialised suppliers (*N* = 325).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
0	0	0	0	0	1	31	0.957	0.913	1
0	0	0	1	0	1	3	0.952	0.823	1
0	0	0	0	1	1	31	0.945	0.892	1
0	0	0	1	1	0	3	0.944	0.838	1
1	0	1	1	1	1	3	0.937	0.837	1
0	0	0	1	1	1	7	0.919	0.788	1
1	1	0	1	1	1	6	0.919	0.767	1
1	1	1	1	1	1	26	0.909	0.841	1
1	1	1	0	1	1	10	0.906	0.794	1
0	0	0	0	1	0	11	0.901	0.754	1
1	1	0	1	0	1	1	0.951	0.607	R
1	0	0	1	0	1	1	0.949	0.583	R
0	0	1	1	0	1	2	0.946	0.655	R
1	0	0	0	1	1	2	0.944	0.800	R
0	1	0	1	1	0	1	0.943	0.769	R
1	1	1	0	1	0	2	0.939	0.702	R
1	0	0	0	1	0	1	0.936	0.586	R
0	1	0	0	0	1	1	0.930	0.626	R
0	1	1	1	1	1	1	0.929	0.780	R
0	1	1	1	1	0	1	0.928	0.606	R
0	1	0	0	1	1	1	0.914	0.713	R
1	1	0	0	1	1	2	0.910	0.712	R
1	0	0	1	0	0	1	0.909	0.610	R
0	0	1	0	1	0	1	0.900	0.524	R
0	0	1	1	1	1	4	0.898	0.709	0
0	0	1	0	0	1	3	0.897	0.649	0
1	1	1	1	0	1	1	0.891	0.330	R
0	1	0	0	1	0	1	0.891	0.565	R
1	0	0	1	1	0	2	0.888	0.482	R
0	0	1	0	1	1	11	0.885	0.710	0
1	1	1	0	0	1	4	0.874	0.485	0
0	1	1	0	0	1	7	0.868	0.442	0
0	1	1	0	1	0	6	0.863	0.459	0
0	1	1	0	1	1	14	0.856	0.652	0
1	1	1	0	0	0	1	0.847	0.413	R
0	1	0	1	0	0	2	0.831	0.432	R
0	0	0	1	0	0	12	0.821	0.556	0
1	1	1	1	0	0	4	0.808	0.355	0
0	0	1	1	0	0	6	0.792	0.331	0
0	1	0	0	0	0	13	0.784	0.382	0
0	0	1	0	0	0	14	0.755	0.372	0
0	1	1	1	0	0	4	0.750	0.278	0
0	1	1	0	0	0	16	0.742	0.329	0
0	0	0	0	0	0	51	0.723	0.456	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 3$; raw consistency ≥ 0.90; PRI ≥ 0.70); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 3 cases). Rows meeting the cut-offs: 10; observed remainders: 19; rows without cases (20) are unobserved remainders and are not shown. Rows with at least 3 cases cover 300 of 325 cases (92%). E = observed remainder excluded from the minimisation as a contradictory simplifying assumption (enhanced standard analysis); 0 observed and 1 unobserved remainder(s) are excluded in this sample.

Table S10. Truth table for the absence of IEB_FIRM, science-based industries (N = 266).

Fin_cons	Cap_cons	Mkt_cons	Reg_cons	Gov1	Gov2	*n*	Raw consistency	PRI	Outcome
0	0	0	1	0	1	4	0.982	0.947	1
0	0	0	0	0	1	5	0.964	0.897	1
0	1	0	1	1	1	4	0.949	0.872	1
0	0	0	1	1	1	16	0.943	0.891	1
1	0	1	1	1	1	3	0.941	0.840	1
1	0	0	1	1	1	3	0.935	0.825	1
1	1	0	0	1	1	4	0.931	0.838	1
1	1	1	1	1	1	6	0.926	0.850	1
1	0	0	0	1	1	4	0.925	0.812	1
0	0	0	0	1	1	23	0.922	0.853	1
0	0	1	0	0	1	2	0.955	0.810	R
1	1	0	1	1	1	2	0.943	0.853	R
1	0	1	0	1	1	2	0.941	0.848	R
0	1	0	0	1	1	2	0.941	0.854	R
1	0	1	0	1	0	1	0.928	0.687	R
1	0	0	1	1	0	1	0.919	0.718	R
0	1	1	0	1	0	1	0.916	0.731	R
0	1	0	1	1	0	2	0.913	0.745	R
0	1	1	0	0	1	3	0.913	0.639	0
1	1	1	0	1	0	2	0.911	0.692	R
1	0	1	1	1	0	2	0.908	0.666	R
1	0	0	0	1	0	1	0.900	0.633	R
0	1	1	1	1	1	5	0.900	0.760	0
0	0	0	0	1	0	11	0.898	0.762	0
0	0	0	1	1	0	4	0.892	0.750	0
0	0	1	0	1	0	4	0.891	0.675	0
0	1	0	0	1	0	5	0.889	0.694	0
0	1	0	0	0	0	10	0.885	0.674	0
0	1	1	0	1	1	18	0.878	0.754	0
0	0	1	0	0	0	13	0.873	0.656	0
0	0	1	0	1	1	18	0.869	0.724	0
1	1	0	0	0	0	1	0.864	0.598	R
1	1	1	0	1	1	17	0.854	0.745	0
0	0	0	0	0	0	25	0.852	0.674	0
0	0	1	1	0	0	2	0.846	0.558	R
0	1	1	0	0	0	13	0.837	0.600	0
1	1	1	0	0	0	1	0.831	0.443	R
1	1	1	1	0	0	2	0.810	0.442	R
0	0	0	1	0	0	16	0.802	0.608	0
0	1	0	1	0	0	2	0.790	0.467	R
0	1	1	1	0	0	6	0.779	0.425	0

Note: 1 = membership above 0.5; 0 = membership below 0.5. Outcome: 1 = row meets the cut-offs ($n \geq 3$; raw consistency ≥ 0.90; PRI ≥ 0.70); 0 = row does not meet the consistency or PRI cut-off; R = logical remainder (observed row with fewer than 3 cases). Rows meeting the cut-offs: 10; observed remainders: 16; rows without cases (23) are unobserved remainders and are not shown. Rows with at least 3 cases cover 240 of 266 cases (90%). No contradictory simplifying assumption arises in this sample.

Table S11. Conservative, parsimonious and intermediate solutions for the presence of IEB_FIRM.

Analysis	Solution	Model	Configuration	Consistency	PRI	Raw coverage	Unique coverage
pooled sample	Conservative	–	Fin_cons*Cap_cons*Mkt_cons*~Reg_cons*~Gov1*Gov2	0.935	0.657	0.108	0.019
			~Fin_cons*Cap_cons*Mkt_cons*~Reg_cons*~Gov1*~Gov2	0.852	0.691	0.338	0.250
		–	Solution	0.850	0.689	0.357	
	Parsimonious	–	Fin_cons*Cap_cons*Mkt_cons*~Reg_cons*~Gov1*Gov2	0.935	0.657	0.108	0.019
			~Fin_cons*Cap_cons*Mkt_cons*~Reg_cons*~Gov1*~Gov2	0.852	0.691	0.338	0.250
		–	Solution	0.850	0.689	0.357	
	Intermediate	–	Fin_cons*Cap_cons*Mkt_cons*~Reg_cons*~Gov1*Gov2	0.935	0.657	0.108	0.019
			~Fin_cons*Cap_cons*Mkt_cons*~Reg_cons*~Gov1*~Gov2	0.852	0.691	0.338	0.250
		– (reported)	Solution	0.850	0.689	0.357	
supplier-dominated industries	Conservative	–	~Fin_cons*Cap_cons*~Reg_cons*~Gov2	0.835	0.702	0.438	0.061
			~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.031
			~Fin_cons*Cap_cons*Mkt_cons*~Gov1*~Gov2	0.843	0.699	0.342	0.023
			Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.032
		– (reported)	Solution	0.801	0.679	0.526	
	Parsimonious	M1	~Fin_cons*Cap_cons*~Gov1	0.819	0.682	0.447	0.130
			Cap_cons*~Mkt_cons*~Gov2	0.852	0.703	0.371	0.039
			~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.046
		M1	Solution	0.794	0.676	0.559	
		M2	~Fin_cons*Cap_cons*~Gov1	0.819	0.682	0.447	0.234
			Cap_cons*Reg_cons*~Gov2	0.823	0.692	0.248	0.041
			~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.054
		M2	Solution	0.787	0.667	0.562	
		M3	~Fin_cons*Cap_cons*~Gov1	0.819	0.682	0.447	0.311
			Cap_cons*Gov1*~Gov2	0.850	0.726	0.214	0.037
			~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.032
		M3	Solution	0.787	0.667	0.557	
		M4	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.280
			Fin_cons*~Mkt_cons*~Gov2	0.914	0.802	0.175	0.037

		~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.030
	M4	Solution	0.791	0.667	0.565	
	M5	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.283
		Fin_cons*Reg_cons*~Gov2	0.886	0.766	0.166	0.032
		~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.030
	M5	Solution	0.789	0.666	0.560	
	M6	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.311
		Fin_cons*Gov1*~Gov2	0.901	0.767	0.124	0.009
		~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.029
	M6	Solution	0.786	0.662	0.537	
	M7	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.115
		Cap_cons*~Mkt_cons*~Gov2	0.852	0.703	0.371	0.016
		~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.032
	M7	Solution	0.789	0.670	0.544	
	M8	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.222
		Cap_cons*Reg_cons*~Gov2	0.823	0.692	0.248	0.022
		~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.032
	M8	Solution	0.786	0.667	0.550	
	M9	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.296
		Cap_cons*Gov1*~Gov2	0.850	0.726	0.214	0.015
		~Reg_cons*Gov1*~Gov2	0.820	0.650	0.204	0.032
	M9	Solution	0.787	0.666	0.542	
Intermediate	P1-I1	~Fin_cons*Cap_cons*~Gov1	0.819	0.682	0.447	0.312
		~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.056
		Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.029
	P1-I1	Solution	0.792	0.669	0.547	
	P2-I1	~Fin_cons*Cap_cons*~Gov1	0.819	0.682	0.447	0.312
		~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.056
		Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.029
	P2-I1	Solution	0.792	0.669	0.547	
	P3-I1	~Fin_cons*Cap_cons*~Gov1	0.819	0.682	0.447	0.312
		~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.056

			Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.029
		P3-I1	Solution	0.792	0.669	0.547	
		P4-I1	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.300
			~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.031
			Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.011
		P4-I1	Solution	0.788	0.666	0.536	
		P5-I1	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.300
			~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.031
			Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.011
		P5-I1	Solution	0.788	0.666	0.536	
		P6-I1	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.300
			~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.031
			Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.011
		P6-I1	Solution	0.788	0.666	0.536	
		P7-I1	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.300
			~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.031
			Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.011
		P7-I1	Solution	0.788	0.666	0.536	
		P8-I1	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.300
			~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.031
			Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.011
		P8-I1	Solution	0.788	0.666	0.536	
		P9-I1	~Fin_cons*Cap_cons*~Gov2	0.810	0.687	0.494	0.300
			~Fin_cons*~Reg_cons*Gov1*~Gov2	0.826	0.656	0.202	0.031
			Cap_cons*~Mkt_cons*Reg_cons*Gov1*~Gov2	0.872	0.724	0.149	0.011
		P9-I1	Solution	0.788	0.666	0.536	
scale-intensive industries	Conservative	–	~Fin_cons*Cap_cons*~Mkt_cons*~Reg_cons*~Gov1	0.881	0.681	0.295	0.016
			~Fin_cons*Cap_cons*~Reg_cons*~Gov1*~Gov2	0.863	0.767	0.461	0.182
		–	Solution	0.863	0.765	0.477	
	Parsimonious	M1	~Fin_cons*Cap_cons*~Mkt_cons*~Gov1	0.863	0.650	0.306	0.027
			Cap_cons*~Reg_cons*~Gov1*~Gov2	0.858	0.762	0.469	0.190

		M1	Solution	0.849	0.744	0.496	
		M2	Cap_cons*~Mkt_cons*~Reg_cons*~Gov1	0.878	0.679	0.300	0.017
			Cap_cons*~Reg_cons*~Gov1*~Gov2	0.858	0.762	0.469	0.186
		M2	Solution	0.859	0.760	0.487	
	Intermediate	P1-I1	~Fin_cons*Cap_cons*~Mkt_cons*~Reg_cons*~Gov1	0.881	0.681	0.295	0.016
			~Fin_cons*Cap_cons*~Reg_cons*~Gov1*~Gov2	0.863	0.767	0.461	0.182
		P1-I1 (reported)	Solution	0.863	0.765	0.477	
		P2-I1	~Fin_cons*Cap_cons*~Mkt_cons*~Reg_cons*~Gov1	0.881	0.681	0.295	0.016
			~Fin_cons*Cap_cons*~Reg_cons*~Gov1*~Gov2	0.863	0.767	0.461	0.182
		P2-I1 (reported)	Solution	0.863	0.765	0.477	
specialised suppliers	Conservative	–	~Fin_cons*Mkt_cons*Reg_cons*~Gov1*~Gov2	0.892	0.726	0.202	
		–	Solution	0.892	0.726	0.202	
	Parsimonious	–	~Fin_cons*Mkt_cons*Reg_cons*~Gov1	0.868	0.670	0.217	
		–	Solution	0.868	0.670	0.217	
	Intermediate	–	~Fin_cons*Mkt_cons*Reg_cons*~Gov1	0.868	0.670	0.217	
		– (reported)	Solution	0.868	0.670	0.217	
science-based industries			No row meets the cut-offs				

Note: ~ = absence; * = combination of conditions. Model: M1, M2, ... = equally parsimonious models; for intermediate solutions, Pk-Ij is the j-th intermediate model derived from the k-th parsimonious model; – = a single model. "(reported)" in the Model column marks the solution reported in the main text (Tables 5–8). Directional expectations for intermediate solutions: constraints absent and support present for the presence of the outcome, and the reverse for its absence, with no expectation for Reg_cons. For supplier-dominated industries (presence), the conservative solution is reported because the intermediate solution has a consistency below 0.80. Where the intermediate solutions differ, the reported solution consists of the conditions that appear in a majority of the alternative solutions (Appendix B). Parsimonious and intermediate solutions exclude contradictory simplifying assumptions (enhanced standard analysis; pooled sample: seven remainders; scale-intensive and specialised suppliers: one remainder each).

Table S12. Conservative, parsimonious and intermediate solutions for the absence of IEB_FIRM.

Analysis	Solution	Model	Configuration	Consistency	PRI	Raw coverage	Unique coverage
pooled sample	Conservative	–	Fin_cons*~Cap_cons*Gov1*Gov2	0.897	0.772	0.162	0.017
			~Cap_cons*Reg_cons*Gov1*Gov2	0.889	0.778	0.194	0.006
			~Fin_cons*~Cap_cons*~Mkt_cons*~Gov1*Gov2	0.937	0.830	0.186	0.068
			~Fin_cons*~Mkt_cons*Reg_cons*Gov1*Gov2	0.894	0.764	0.172	0.007
			Fin_cons*Mkt_cons*Reg_cons*Gov1*Gov2	0.899	0.814	0.168	0.044
		–	Solution	0.876	0.802	0.340	

Parsimonious	M1	~Fin_cons*~Cap_cons*Reg_cons*Gov2	0.888	0.766	0.195	0.008
		~Fin_cons*~Mkt_cons*Reg_cons*Gov2	0.888	0.764	0.187	0.006
		~Fin_cons*~Mkt_cons*~Gov1*Gov2	0.921	0.795	0.191	0.055
		Fin_cons*~Cap_cons*Gov1*Gov2	0.897	0.772	0.162	0.022
		Fin_cons*Mkt_cons*Reg_cons*Gov1	0.891	0.807	0.183	0.059
	M1	Solution	0.866	0.789	0.360	
	M2	~Fin_cons*~Mkt_cons*Reg_cons*Gov2	0.888	0.764	0.187	0.025
		~Fin_cons*~Mkt_cons*~Gov1*Gov2	0.921	0.795	0.191	0.055
		Fin_cons*~Cap_cons*Gov1*Gov2	0.897	0.772	0.162	0.022
		Fin_cons*Mkt_cons*Reg_cons*Gov1	0.891	0.807	0.183	0.047
		~Cap_cons*Mkt_cons*Reg_cons*Gov1	0.900	0.774	0.164	0.012
	M2	Solution	0.868	0.791	0.364	
	M3	~Fin_cons*~Mkt_cons*Reg_cons*Gov2	0.888	0.764	0.187	0.006
		~Fin_cons*~Mkt_cons*~Gov1*Gov2	0.921	0.795	0.191	0.055
		Fin_cons*~Cap_cons*Gov1*Gov2	0.897	0.772	0.162	0.017
		Fin_cons*Mkt_cons*Reg_cons*Gov1	0.891	0.807	0.183	0.059
		~Cap_cons*Reg_cons*Gov1*Gov2	0.889	0.778	0.194	0.006
	M3	Solution	0.869	0.792	0.358	
Intermediate	P1-I1	~Fin_cons*~Mkt_cons*Reg_cons*Gov2	0.888	0.764	0.187	0.006
		~Fin_cons*~Mkt_cons*~Gov1*Gov2	0.921	0.795	0.191	0.055
		Fin_cons*~Cap_cons*Gov1*Gov2	0.897	0.772	0.162	0.017
		Fin_cons*Mkt_cons*Reg_cons*Gov1	0.891	0.807	0.183	0.059
		~Cap_cons*Reg_cons*Gov1*Gov2	0.889	0.778	0.194	0.006
	P1-I1 (reported)	Solution	0.869	0.792	0.358	
	P2-I1	~Fin_cons*~Mkt_cons*Reg_cons*Gov2	0.888	0.764	0.187	0.006
		~Fin_cons*~Mkt_cons*~Gov1*Gov2	0.921	0.795	0.191	0.055
		Fin_cons*~Cap_cons*Gov1*Gov2	0.897	0.772	0.162	0.017
		Fin_cons*Mkt_cons*Reg_cons*Gov1	0.891	0.807	0.183	0.059
		~Cap_cons*Reg_cons*Gov1*Gov2	0.889	0.778	0.194	0.006
	P2-I1	Solution	0.869	0.792	0.358	
	P3-I1	~Fin_cons*~Mkt_cons*Reg_cons*Gov2	0.888	0.764	0.187	0.006
		~Fin_cons*~Mkt_cons*~Gov1*Gov2	0.921	0.795	0.191	0.055

			Fin_cons*~Cap_cons*Gov1*Gov2	0.897	0.772	0.162	0.017
			Fin_cons*Mkt_cons*Reg_cons*Gov1	0.891	0.807	0.183	0.059
			~Cap_cons*Reg_cons*Gov1*Gov2	0.889	0.778	0.194	0.006
		P3-I1	Solution	0.869	0.792	0.358	
supplier-dominated industries			No row meets the cut-offs				
scale-intensive industries	Conservative	–	Fin_cons*~Cap_cons*~Mkt_cons*~Reg_cons*Gov1	0.901	0.753	0.168	0.046
			~Cap_cons*~Mkt_cons*Reg_cons*Gov1*Gov2	0.910	0.755	0.160	0.037
			Fin_cons*Cap_cons*Mkt_cons*Reg_cons*Gov1*Gov2	0.912	0.845	0.190	0.082
		–	Solution	0.892	0.816	0.288	
	Parsimonious	M1	Fin_cons*~Cap_cons*~Mkt_cons	0.847	0.654	0.236	0.088
			~Cap_cons*Reg_cons*Gov2	0.885	0.736	0.192	0.041
			Fin_cons*Mkt_cons*Reg_cons*Gov1	0.916	0.856	0.221	0.075
		M1	Solution	0.851	0.743	0.371	
		M2	Fin_cons*~Cap_cons*~Mkt_cons	0.847	0.654	0.236	0.104
			~Cap_cons*Reg_cons*Gov2	0.885	0.736	0.192	0.041
			Fin_cons*Mkt_cons*Reg_cons*Gov2	0.912	0.841	0.200	0.066
		M2	Solution	0.849	0.738	0.362	
		M3	Fin_cons*~Cap_cons*~Mkt_cons	0.847	0.654	0.236	0.104
			~Cap_cons*Reg_cons*Gov2	0.885	0.736	0.192	0.041
			Fin_cons*Reg_cons*Gov1*Gov2	0.906	0.835	0.218	0.070
		M3	Solution	0.848	0.736	0.366	
	Intermediate	P1-I1	~Cap_cons*Reg_cons*Gov2	0.885	0.736	0.192	0.049
			Fin_cons*~Cap_cons*~Mkt_cons*~Reg_cons	0.863	0.653	0.215	0.081
			Fin_cons*Cap_cons*Mkt_cons*Reg_cons*Gov1	0.915	0.853	0.206	0.073
		P1-I1	Solution	0.862	0.754	0.355	
		P1-I2	~Cap_cons*Reg_cons*Gov2	0.885	0.736	0.192	0.047
			Fin_cons*~Cap_cons*~Mkt_cons*~Reg_cons	0.863	0.653	0.215	0.090
			Fin_cons*Mkt_cons*Reg_cons*Gov1*Gov2	0.912	0.843	0.197	0.066
		P1-I2 (reported)	Solution	0.860	0.750	0.349	
		P2-I1	~Cap_cons*Reg_cons*Gov2	0.885	0.736	0.192	0.047

			Fin_cons*~Cap_cons*~Mkt_cons*~Reg_cons	0.863	0.653	0.215	0.090
			Fin_cons*Mkt_cons*Reg_cons*Gov2	0.912	0.841	0.200	0.066
		P2-I1	Solution	0.860	0.750	0.349	
		P3-I1	~Cap_cons*Reg_cons*Gov2	0.885	0.736	0.192	0.047
			Fin_cons*~Cap_cons*~Mkt_cons*~Reg_cons	0.863	0.653	0.215	0.090
			Fin_cons*Mkt_cons*Reg_cons*Gov1*Gov2	0.912	0.843	0.197	0.066
		P3-I1 (reported)	Solution	0.860	0.750	0.349	
specialised suppliers	Conservative	–	~Fin_cons*~Cap_cons*~Mkt_cons*Gov1	0.904	0.838	0.294	0.055
			~Fin_cons*~Cap_cons*~Mkt_cons*Gov2	0.933	0.891	0.365	0.126
			Fin_cons*Cap_cons*Mkt_cons*Gov1*Gov2	0.890	0.821	0.204	0.023
			Fin_cons*Cap_cons*Reg_cons*Gov1*Gov2	0.895	0.823	0.188	0.012
			Fin_cons*Mkt_cons*Reg_cons*Gov1*Gov2	0.907	0.843	0.187	0.011
		–	Solution	0.894	0.853	0.552	
	Parsimonious	–	Fin_cons*Gov1	0.857	0.782	0.279	0.129
			~Mkt_cons*Gov1	0.856	0.775	0.336	0.050
			~Mkt_cons*Gov2	0.908	0.857	0.403	0.133
		–	Solution	0.870	0.823	0.598	
	Intermediate	–	~Mkt_cons*Gov1	0.856	0.775	0.336	0.052
			~Mkt_cons*Gov2	0.908	0.857	0.403	0.133
			Fin_cons*Cap_cons*Gov1	0.870	0.792	0.241	0.028
			Fin_cons*Reg_cons*Gov1	0.875	0.797	0.218	0.010
		– (reported)	Solution	0.871	0.822	0.589	
science-based industries	Conservative	–	~Fin_cons*~Cap_cons*~Mkt_cons*Gov2	0.911	0.858	0.319	0.038
			~Cap_cons*~Mkt_cons*Gov1*Gov2	0.897	0.836	0.300	0.010
			~Fin_cons*~Mkt_cons*Reg_cons*Gov1*Gov2	0.933	0.877	0.208	0.009
			Fin_cons*~Mkt_cons*~Reg_cons*Gov1*Gov2	0.914	0.811	0.150	0.010
			Fin_cons*Mkt_cons*Reg_cons*Gov1*Gov2	0.910	0.813	0.138	0.033
		–	Solution	0.883	0.832	0.393	
	Parsimonious	–	Fin_cons*Reg_cons	0.817	0.699	0.204	0.071
			~Mkt_cons*Gov2	0.887	0.834	0.370	0.237
		–	Solution	0.846	0.785	0.441	

Intermediate	P1-I1	~Mkt_cons*Gov2	0.887	0.834	0.370	0.264
		Fin_cons*Mkt_cons*Reg_cons	0.836	0.708	0.163	0.057
	P1-I1	Solution	0.853	0.794	0.428	
	P1-I2	~Mkt_cons*Gov2	0.887	0.834	0.370	0.237
		Fin_cons*Reg_cons*Gov2	0.892	0.793	0.165	0.033
	P1-I2	Solution	0.880	0.828	0.403	
	P1-I3	Fin_cons*Reg_cons	0.817	0.699	0.204	0.071
		~Mkt_cons*Gov2	0.887	0.834	0.370	0.237
	P1-I3 (reported)	Solution	0.846	0.785	0.441	

Note: ~ = absence; * = combination of conditions. Model: M1, M2, ... = equally parsimonious models; for intermediate solutions, Pk-Ij is the j-th intermediate model derived from the k-th parsimonious model; – = a single model. "(reported)" in the Model column marks the solution reported in the main text (Tables 5–8). Directional expectations for intermediate solutions: constraints absent and support present for the presence of the outcome, and the reverse for its absence, with no expectation for Reg_cons. For supplier-dominated industries (presence), the conservative solution is reported because the intermediate solution has a consistency below 0.80. Where the intermediate solutions differ, the reported solution consists of the conditions that appear in a majority of the alternative solutions (Appendix B). Parsimonious and intermediate solutions exclude contradictory simplifying assumptions (enhanced standard analysis; pooled sample: seven remainders; scale-intensive and specialised suppliers: one remainder each).