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APPENDIX A

CORRELATION AND SIMILARITY COEFFICIENT BETWEEN THE RSC PRACTICES

Correlated practices	S_{jk}	g_{jk}	Correlated practices	S_{jk}	g_{jk}	Correlated practices	S_{jk}	g_{jk}
P_1P_2	0.81	1.60	P_2P_{13}	0.76	1.80	P_4P_{10}	0.64	0.80
P_1P_4	0.70	4.20	P_2P_{14}	0.47	2.20	P_4P_{11}	0.59	0.80
P_1P_5	0.73	1.00	P_2P_{17}	0.46	0.60	P_4P_{12}	0.83	3.60
P_1P_6	0.87	0.60	P_2P_{19}	0.67	0.80	P_4P_{13}	0.56	1.40
P_1P_8	0.94	0.60	P_3P_4	0.83	1.40	P_4P_{14}	0.87	4.80
P_1P_9	0.73	0.20	P_3P_5	0.93	2.20	P_4P_{16}	0.46	0.20
P_1P_{10}	0.81	2.40	P_3P_6	0.93	3.20	P_4P_{17}	0.72	1.40
P_1P_{11}	0.76	1.00	P_3P_7	0.93	0.20	P_4P_{19}	0.64	0.20
P_1P_{12}	0.67	2.20	P_3P_8	0.81	1.00	P_5P_6	0.87	3.60
P_1P_{13}	0.83	0.40	P_3P_9	0.80	0.40	P_5P_9	0.87	1.20
P_1P_{14}	0.63	3.00	P_3P_{10}	0.61	0.60	P_5P_{10}	0.54	0.40
P_1P_{16}	0.77	0.80	P_3P_{11}	0.56	0.40	P_5P_{11}	0.49	0.60
P_1P_{17}	0.56	1.00	P_3P_{12}	0.87	0.40	P_5P_{12}	0.93	2.60
P_1P_{19}	0.81	1.00	P_3P_{13}	0.72	0.60	P_5P_{13}	0.66	1.00
P_2P_3	0.61	1.00	P_3P_{14}	0.77	0.80	P_5P_{14}	0.77	2.60
P_2P_4	0.53	0.80	P_3P_{15}	0.93	0.80	P_5P_{15}	0.93	2.60
P_2P_5	0.54	0.40	P_3P_{17}	0.62	1.80	P_5P_{16}	0.90	0.60
P_2P_7	0.68	0.40	P_3P_{18}	0.81	1.40	P_5P_{17}	0.62	1.00
P_2P_8	0.80	0.60	P_3P_{19}	0.81	1.20	P_5P_{18}	0.74	0.80

P_2P_9	0.61	0.60	P_4P_5	0.90	0.80	P_5P_{19}	0.74	2.60
P_2P_{10}	0.78	1.80	P_4P_6	0.77	0.80	P_6P_7	0.73	0.80
P_2P_{11}	0.79	1.60	P_4P_7	0.77	0.20	P_6P_9	0.68	1.00
P_2P_{12}	0.48	2.20	P_4P_8	0.64	0.20	P_6P_{10}	0.62	1.60
P_6P_{11}	0.80	0.80	P_8P_{16}	0.78	-0.80	$P_{12}P_{14}$	0.77	1.00
P_6P_{12}	0.79	0.80	P_8P_{17}	0.48	0.60	$P_{12}P_{15}$	0.87	1.40
P_6P_{13}	0.70	0.60	P_8P_{19}	0.87	0.40	$P_{12}P_{16}$	0.90	2.20
P_6P_{14}	0.56	1.40	P_9P_{10}	0.54	0.20	$P_{12}P_{17}$	0.56	0.60
P_6P_{15}	0.87	0.40	P_9P_{11}	0.49	0.60	$P_{12}P_{18}$	0.74	0.80
P_6P_{17}	0.88	2.20	P_9P_{13}	0.80	0.40	$P_{12}P_{19}$	0.81	1.40
P_6P_{18}	0.88	0.80	P_9P_{13}	0.66	0.80	$P_{13}P_{14}$	0.56	2.20
P_6P_{19}	0.88	1.40	P_9P_{14}	0.63	1.00	$P_{13}P_{15}$	0.66	0.80
P_7P_8	0.88	3.00	P_9P_{15}	0.80	1.40	$P_{13}P_{16}$	0.76	0.60
P_7P_9	0.73	1.40	P_9P_{16}	0.83	0.80	$P_{14}P_{15}$	0.83	1.00
P_7P_{10}	0.68	0.60	P_9P_{17}	0.69	0.40	$P_{14}P_{16}$	0.80	2.60
P_7P_{11}	0.62	1.20	P_9P_{18}	0.68	2.20	$P_{14}P_{17}$	0.72	1.00
P_7P_{12}	0.80	0.60	P_9P_{19}	0.68	3.00	$P_{14}P_{18}$	0.64	0.20
P_7P_{13}	0.79	3.00	$P_{10}P_{11}$	0.94	1.00	$P_{14}P_{19}$	0.64	0.60
P_7P_{14}	0.70	0.80	$P_{10}P_{14}$	0.64	1.00	$P_{15}P_{16}$	0.90	1.00
P_7P_{15}	0.87	1.20	$P_{10}P_{18}$	0.67	0.20	$P_{15}P_{17}$	0.69	3.00
P_7P_{16}	0.83	-1.00	$P_{11}P_{13}$	0.68	1.00	$P_{15}P_{19}$	0.74	0.80
P_7P_{17}	0.56	-0.20	$P_{11}P_{14}$	0.59	1.80	$P_{16}P_{17}$	0.84	0.40
P_8P_9	0.74	0.60	$P_{11}P_{15}$	0.56	0.60	$P_{16}P_{19}$	0.50	0.60
P_8P_{12}	0.68	2.40	$P_{11}P_{16}$	0.52	1.40	$P_{17}P_{19}$	0.93	1.00

P_8P_{13}	0.89	0.20	$P_{11}P_{17}$	0.56	0.20	$P_{18}P_{19}$	0.78	-0.80
P_8P_{14}	0.20	0.80	$P_{11}P_{19}$	0.61	0.20			
P_8P_{15}	0.74	0.20	$P_{12}P_{13}$	0.72	1.00			

APPENDIX B-
CRS AND NCRS CORRESPONDS TO THE ATTRIBUTES OF THE RSC
PRACTICES

(P_i)	Attributes (A_{ij})	Crisp resilience score (CRS)	Normalized crisp resilience score (NCRS)
P_1	A_{11}	0.266	0.0178
	A_{12}	0.283	0.0189
	A_{13}	0.235	0.0157
	A_{14}	0.313	0.0209
P_2	A_{21}	0.252	0.0169
	A_{22}	0.274	0.0183
	A_{23}	0.223	0.0149
	A_{24}	0.184	0.0123
P_3	A_{31}	0.179	0.0120
	A_{32}	0.179	0.0120
	A_{33}	0.201	0.0134
	A_{34}	0.165	0.0110
P_4	A_{41}	0.158	0.0106
	A_{42}	0.169	0.0113
	A_{43}	0.121	0.0081
	A_{44}	0.204	0.0136
P_5	A_{51}	0.252	0.0169
	A_{52}	0.289	0.0193
	A_{53}	0.155	0.0104
	A_{54}	0.225	0.0150

P_6	A_{61}	0.145	0.0097
	A_{62}	0.153	0.0102
	A_{63}	0.145	0.0097
	A_{64}	0.122	0.0082
P_7	A_{71}	0.245	0.0164
	A_{72}	0.252	0.0169
	A_{73}	0.243	0.0162
P_8	A_{81}	0.180	0.0120
	A_{82}	0.220	0.0147
	A_{83}	0.227	0.0152
	A_{84}	0.198	0.0132
	A_{85}	0.207	0.0138
P_9	A_{91}	0.145	0.0097
	A_{92}	0.116	0.0078
	A_{93}	0.156	0.0104
	A_{94}	0.183	0.0122
	A_{95}	0.110	0.0074
P_{10}	A_{101}	0.169	0.0113
	A_{102}	0.180	0.0120
	A_{103}	0.224	0.0150
	A_{104}	0.163	0.0109
P_{11}	A_{111}	0.201	0.0134
	A_{112}	0.200	0.0134
	A_{113}	0.183	0.0122
	A_{114}	0.184	0.0123
P_{12}	A_{121}	0.147	0.0098

	A_{122}	0.149	0.0100
	A_{123}	0.190	0.0127
	A_{124}	0.182	0.0122
	A_{125}	0.162	0.0108
P_{13}	A_{131}	0.154	0.0103
	A_{132}	0.212	0.0142
	A_{133}	0.153	0.0102
	A_{134}	0.136	0.0091
P_{14}	A_{141}	0.244	0.0163
	A_{142}	0.259	0.0173
	A_{143}	0.931	0.0623
	A_{144}	0.155	0.0104
P_{15}	A_{151}	0.164	0.0110
	A_{152}	0.149	0.0100
	A_{153}	0.180	0.0120
	A_{154}	0.158	0.0106
P_{16}	A_{161}	0.148	0.0099
	A_{162}	0.175	0.0117
	A_{163}	0.172	0.0115
	A_{164}	0.150	0.0100
P_{17}	A_{171}	0.170	0.0114
	A_{172}	0.140	0.0094
	A_{173}	0.175	0.0117
P_{18}	A_{174}	0.149	0.0100
	A_{175}	0.195	0.0130
	A_{176}	0.125	0.0084

P_{19}	A_{191}	0.199	0.0133
	A_{192}	0.197	0.0132
	A_{193}	0.215	0.0144
	A_{194}	0.141	0.0094

LIST OF PAPERS PUBLISHED/ACCEPTED FOR THE PUBLICATIONS

Yadav, A. K. and Samuel, C. (2021), “Modeling the resilient factors of the supply chain”, *Journal of Modelling in Management*, Vo. 17 No. 2, pp. 456-485. <https://doi.org/10.1108/JM2-07-2020-0196>

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