

## Supplementary material: Table S1

### The value of water – estimating water-disruption impacts on businesses

**Table S1.** Resiliency factors for analyzed economic activity sectors and water supply disruption durations ( $\mu$  = average, ci = half width of 90% confidence interval, P25 = 25<sup>th</sup> percentile, P75 = 75<sup>th</sup> percentile).

NACE code	Economic activity	2 h				4 h				12 h				24 h				1 week				1 month			
		$\mu$	ci	P25	P75	$\mu$	ci	P25	P75	$\mu$	ci	P25	P75	$\mu$	ci	P25	P75	$\mu$	ci	P25	P75	$\mu$	ci	P25	P75
A 01	Crop and animal production	0.92	0.03	0.95	1.00	0.90	0.03	0.90	1.00	0.73	0.05	0.55	0.98	0.65	0.06	0.37	0.96	0.44	0.07	0.07	0.82	0.32	0.07	0.02	0.58
A 02	Forestry and logging	0.96	0.06	1.00	1.00	0.94	0.09	0.99	1.00	0.90	0.11	0.90	1.00	0.88	0.12	0.88	1.00	0.85	0.13	0.82	1.00	0.83	0.14	0.77	1.00
A 03	Fishing and aquaculture	0.90	0.16	1.00	1.00	0.84	0.24	0.97	1.00	0.73	0.28	0.72	1.00	0.66	0.30	0.47	1.00	0.56	0.34	0.15	1.00	0.36	0.21	0.11	0.62
B 07-09	Mining and quarrying	0.84	0.13	0.70	1.00	0.78	0.17	0.56	1.00	0.65	0.25	0.31	0.96	0.61	0.26	0.23	0.92	0.51	0.26	0.14	0.90	0.44	0.29	0.05	0.90
C 10-12	Food, beverage and tobacco	0.69	0.04	0.50	0.95	0.68	0.05	0.50	0.87	0.40	0.05	0.14	0.50	0.32	0.05	0.11	0.42	0.18	0.05	0.03	0.18	0.11	0.05	0.00	0.06
C 13-15	Textiles and leather	0.93	0.04	0.95	1.00	0.88	0.06	0.92	1.00	0.81	0.07	0.71	1.00	0.76	0.08	0.59	1.00	0.65	0.10	0.27	0.99	0.55	0.10	0.14	0.90
C 16	Wood products	0.89	0.06	0.87	1.00	0.83	0.08	0.78	1.00	0.72	0.10	0.57	1.00	0.67	0.11	0.45	0.99	0.57	0.12	0.25	0.94	0.49	0.12	0.11	0.90
C 17	Paper products	0.93	0.06	0.99	1.00	0.95	0.03	0.95	1.00	0.80	0.09	0.71	1.00	0.73	0.10	0.50	0.95	0.58	0.13	0.25	0.91	0.51	0.13	0.18	0.85
C 18	Printing and recorded media	0.90	0.10	0.96	1.00	0.84	0.15	0.93	1.00	0.73	0.18	0.65	1.00	0.65	0.20	0.43	1.00	0.55	0.24	0.11	1.00	0.49	0.24	0.05	0.97
C 19	Coke and petroleum	0.75	0.24	0.50	1.00	0.78	0.29	0.71	1.00	0.62	0.36	0.36	0.97	0.58	0.36	0.31	0.91	0.47	0.38	0.13	0.79	0.44	0.35	0.14	0.71
C 20-21	Chemicals and pharmaceuticals	0.81	0.04	0.65	0.95	0.82	0.05	0.75	0.97	0.53	0.06	0.37	0.70	0.45	0.06	0.26	0.59	0.32	0.07	0.08	0.41	0.23	0.07	0.02	0.25
C 22-23	Rubber and plastic	0.92	0.04	0.85	1.00	0.91	0.04	0.85	1.00	0.80	0.07	0.62	1.00	0.75	0.08	0.57	1.00	0.65	0.10	0.31	0.96	0.57	0.11	0.15	0.91
C 24-25	Metal products	0.96	0.02	0.95	1.00	0.93	0.03	0.92	1.00	0.82	0.04	0.77	1.00	0.74	0.05	0.60	0.95	0.57	0.07	0.30	0.88	0.47	0.07	0.13	0.77
C 26-27	Computer and electronics	0.96	0.02	0.95	1.00	0.94	0.03	0.92	1.00	0.85	0.05	0.82	1.00	0.78	0.07	0.68	1.00	0.67	0.10	0.34	1.00	0.60	0.11	0.15	1.00
C 28	Machinery	0.88	0.07	0.85	1.00	0.83	0.10	0.77	1.00	0.71	0.12	0.63	1.00	0.65	0.13	0.50	1.00	0.53	0.15	0.25	0.96	0.47	0.16	0.10	0.91
C 29-30	Transport equipment	0.93	0.05	0.95	1.00	0.86	0.07	0.77	1.00	0.67	0.11	0.40	0.98	0.57	0.13	0.29	0.91	0.41	0.14	0.07	0.84	0.34	0.15	0.02	0.69
C 31	Furniture	0.95	0.04	0.95	1.00	0.93	0.06	0.92	1.00	0.86	0.08	0.85	0.97	0.81	0.11	0.77	0.94	0.72	0.14	0.60	0.90	0.66	0.14	0.52	0.90
C 32	Other manufacturing	0.88	0.06	0.80	1.00	0.85	0.07	0.73	1.00	0.71	0.09	0.55	0.97	0.63	0.10	0.45	0.93	0.51	0.11	0.16	0.82	0.41	0.12	0.04	0.73
C 33	Repair and installation	0.93	0.05	0.95	1.00	0.88	0.07	0.92	1.00	0.79	0.09	0.77	1.00	0.73	0.10	0.57	1.00	0.63	0.11	0.30	1.00	0.58	0.12	0.19	1.00
D 35	Electricity, gas, steam and air	0.93	0.04	0.95	1.00	0.92	0.03	0.88	1.00	0.74	0.08	0.49	0.99	0.69	0.09	0.43	0.96	0.54	0.11	0.17	0.90	0.45	0.12	0.06	0.88
E 36-39	Water, sewerage, waste, remediation	0.89	0.06	0.95	1.00	0.86	0.07	0.87	0.99	0.72	0.09	0.47	0.96	0.66	0.10	0.42	0.93	0.54	0.11	0.18	0.88	0.45	0.12	0.10	0.84
F 41-43	Construction	0.91	0.06	0.85	1.00	0.86	0.08	0.82	1.00	0.77	0.11	0.57	1.00	0.72	0.12	0.54	1.00	0.64	0.13	0.35	1.00	0.57	0.14	0.27	1.00
G 45-47	Wholesale and retail	0.89	0.04	0.90	1.00	0.83	0.05	0.80	0.99	0.71	0.06	0.61	0.91	0.63	0.07	0.40	0.91	0.48	0.09	0.13	0.85	0.38	0.09	0.04	0.67
H 49-53	Transportation and storage	0.95	0.02	0.95	1.00	0.91	0.04	0.92	1.00	0.81	0.06	0.72	1.00	0.73	0.07	0.59	1.00	0.59	0.08	0.24	0.96	0.51	0.09	0.11	0.91
I 55-56	Accommodation and food service	0.70	0.04	0.55	0.85	0.62	0.05	0.49	0.82	0.36	0.05	0.16	0.51	0.29	0.05	0.12	0.41	0.17	0.05	0.02	0.19	0.10	0.04	0.00	0.19
J 58-63	Information and communication	0.97	0.02	1.00	1.00	0.94	0.02	0.93	1.00	0.86	0.04	0.80	1.00	0.80	0.05	0.67	1.00	0.71	0.06	0.51	1.00	0.66	0.06	0.37	1.00
K 64-66	Financial and insurance activities	0.96	0.02	0.95	1.00	0.92	0.04	0.91	1.00	0.76	0.08	0.60	1.00	0.66	0.10	0.41	0.97	0.52	0.13	0.11	0.90	0.42	0.13	0.03	0.90
L 68	Real estate activities	0.87	0.04	0.85	0.99	0.78	0.06	0.72	0.94	0.59	0.07	0.46	0.83	0.50	0.07	0.34	0.73	0.33	0.08	0.10	0.51	0.26	0.08	0.03	0.38

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		μ	ci	P25	P75	μ	ci	P25	P75	μ	ci	P25	P75	μ	ci	P25	P75	μ	ci	P25	P75	μ	ci	P25	P75
M 69-75	Scientific and technical activities	0.91	0.03	0.95	1.00	0.86	0.04	0.82	1.00	0.74	0.05	0.52	1.00	0.67	0.06	0.40	0.97	0.56	0.07	0.11	0.90	0.48	0.07	0.04	0.90
N 77-82	Administrative and support services	0.89	0.05	0.87	1.00	0.83	0.07	0.75	1.00	0.72	0.09	0.49	0.99	0.66	0.10	0.42	0.95	0.55	0.11	0.11	0.90	0.50	0.12	0.04	0.90
O 84	Public administration and defense	0.91	0.03	0.85	1.00	0.86	0.04	0.80	0.97	0.71	0.06	0.53	0.91	0.64	0.07	0.41	0.90	0.51	0.09	0.25	0.83	0.44	0.09	0.14	0.73
P 85	Education	0.90	0.03	0.85	1.00	0.84	0.05	0.73	1.00	0.66	0.08	0.36	0.96	0.56	0.09	0.25	0.92	0.41	0.11	0.06	0.90	0.37	0.11	0.02	0.87
Q 86-88	Human health and social work	0.79	0.03	0.55	0.99	0.71	0.05	0.51	0.94	0.53	0.06	0.25	0.87	0.45	0.06	0.16	0.78	0.35	0.06	0.03	0.63	0.28	0.06	0.01	0.41
R 90-93	Arts. entertainment and recreation	0.82	0.04	0.65	1.00	0.77	0.05	0.58	1.00	0.58	0.06	0.27	0.95	0.51	0.06	0.19	0.87	0.38	0.07	0.05	0.69	0.31	0.06	0.02	0.41
S 94-96	Other service activities	0.84	0.03	0.65	1.00	0.78	0.04	0.62	1.00	0.62	0.05	0.40	0.87	0.54	0.05	0.27	0.86	0.40	0.06	0.06	0.71	0.33	0.06	0.01	0.62