Appendix 2: Results of vulnerability analysis of combined GPS and interview data at the community, road-connected and remote levels.

Table A2.1. Mean values for vulnerability analysis of combined GPS and interview data at the community, road-connected and remote levels.

Condition	Analysis Level	Average Likelihood (Li)	Average Sensitivity (S)	Vulnerability (V)[†]	Number of Observations	Margin of Error[‡]	V Value Range[§]
Ice Conditions	All Communities	0.30	0.79	1.10	190	0.08	1.02-1.18[a]
	Road-connected	0.30	0.75	1.05	45	0.22	0.83-1.27[abc]
	Remote	0.31	0.83	1.13	145	0.07	1.06-1.2[a]
Erosion	All Communities	0.19	0.78	0.97	83	0.14	0.83-1.11[abc]
	Road-connected	0.08	0.73	0.80	7	0.06	0.74-0.86[b]
	Remote	0.17	0.89	1.06	76	0.17	0.89-1.23[ac]
Water Levels	All Communities	0.26	0.73	0.98	160	0.10	0.88-1.08[ac]
	Road-connected	0.25	0.71	0.95	47	0.16	0.79-1.11[abc]
	Remote	0.26	0.74	1.00	113	0.13	0.87-1.13[ac]
Snow Conditions	All Communities	0.25	0.72	0.97	158	0.11	0.86-1.08[abc]
	Road-connected	0.32	0.60	0.92	56	0.38	0.54-1.3[abc]
	Remote	0.21	0.78	1.00	102	0.03	0.97-1.03[a]
Vegetative Community Composition	All Communities	0.21	0.76	0.98	110	0.08	0.9-1.06[ac]
	Road-connected	0.22	0.68	0.90	29	0.01	0.89-0.91[c]
	Remote	0.21	0.80	1.01	81	0.10	0.91-1.11[ac]
Sedimentation	All Communities	0.13	0.72	0.82	38	0.14	0.68-0.96[bc]
	Road-connected	0.12	0.50	0.62	2	N/A	N/A
	Remote	0.13	0.74	0.87	36	0.12	0.75-0.99[bc]
Weather	All Communities	0.10	0.72	0.82	34	0.07	0.75-0.89[bc]
	Road-connected	0.10	0.69	0.79	6	0.18	0.61-0.97[bc]
	Remote	0.11	0.73	0.84	28	0.08	0.76-0.92[bc]

† Vulnerability values may differ from those expected by adding Li and S values in graph due to rounding errors.
‡ Values at 95% confidence level.
§ V value ranges with different superscripts ([a,b]) denote significant differences (α=.05) from each other.