

Appendix 3 - Representative Metrics Summary Statistics and Boxplots

Table 3.1 Mean and Standard deviation values for representative TRMs for each natural region and disturbance group. Values are rounded to three decimal places for visual clarity.

Disturbance (%)		0 - 20		20 - 40		40 - 60		60 - 80		80 - 100	
Metric Name		mean	sd	mean	sd	mean	sd	mean	sd	mean	sd
Boreal	FclSlpVar	0.877	0.793	1.124	0.855	0.903	0.78	0.858	0.673	0.575	0.467
	GblSlpVar	6.216	4.818	7.609	5.418	6.271	4.798	6.203	4.649	4.075	3.182
	AreaRatio	1.001	0.002	1.001	0.002	1.001	0.001	1.001	0.001	1	0.001
	GblDEV	3.982	3.912	5.336	4.976	4.127	2.997	4.068	3.324	2.892	2.108
	FclInvVecDisp	1.08E-02	7.17E-04	1.09E-02	6.80E-04	1.10E-02	8.17E-04	1.09E-02	7.64E-04	1.07E-02	7.44E-04
Parkland	FclSlpVar	1.424	1.128	1.896	1.496	1.824	1.04	1.451	1.012	0.756	0.566
	GblSlpVar	7.933	5.902	11.243	8.007	11.223	7.083	8.712	5.814	5	3.707
	AreaRatio	1.001	0.002	1.004	0.005	1.003	0.003	1.002	0.002	1	0.001
	GblDEV	4.144	3.9	8.664	9.276	6.996	6.203	4.942	4.09	3.049	2.503
	FclInvVecDisp	1.06E-02	4.67E-04	1.06E-02	4.88E-04	1.08E-02	4.27E-04	1.09E-02	6.07E-04	1.08E-02	7.68E-04
Grassland	FclSlpVar	1.213	1.185	1.153	0.953	1.265	1.047	1.159	0.807	0.665	0.469
	GblSlpVar	7.763	6.797	7.155	6.093	8.259	7.087	7.803	6.298	4.828	3.895
	AreaRatio	1.002	0.004	1.001	0.002	1.002	0.003	1.001	0.001	1	0.001
	GblDEV	4.993	5.394	4.39	3.509	4.86	4.315	4.365	3.356	3.192	2.476
	FclInvVecDisp	1.08E-02	6.65E-04	1.08E-02	6.62E-04	1.09E-02	5.89E-04	1.09E-02	7.35E-04	1.09E-02	8.04E-04

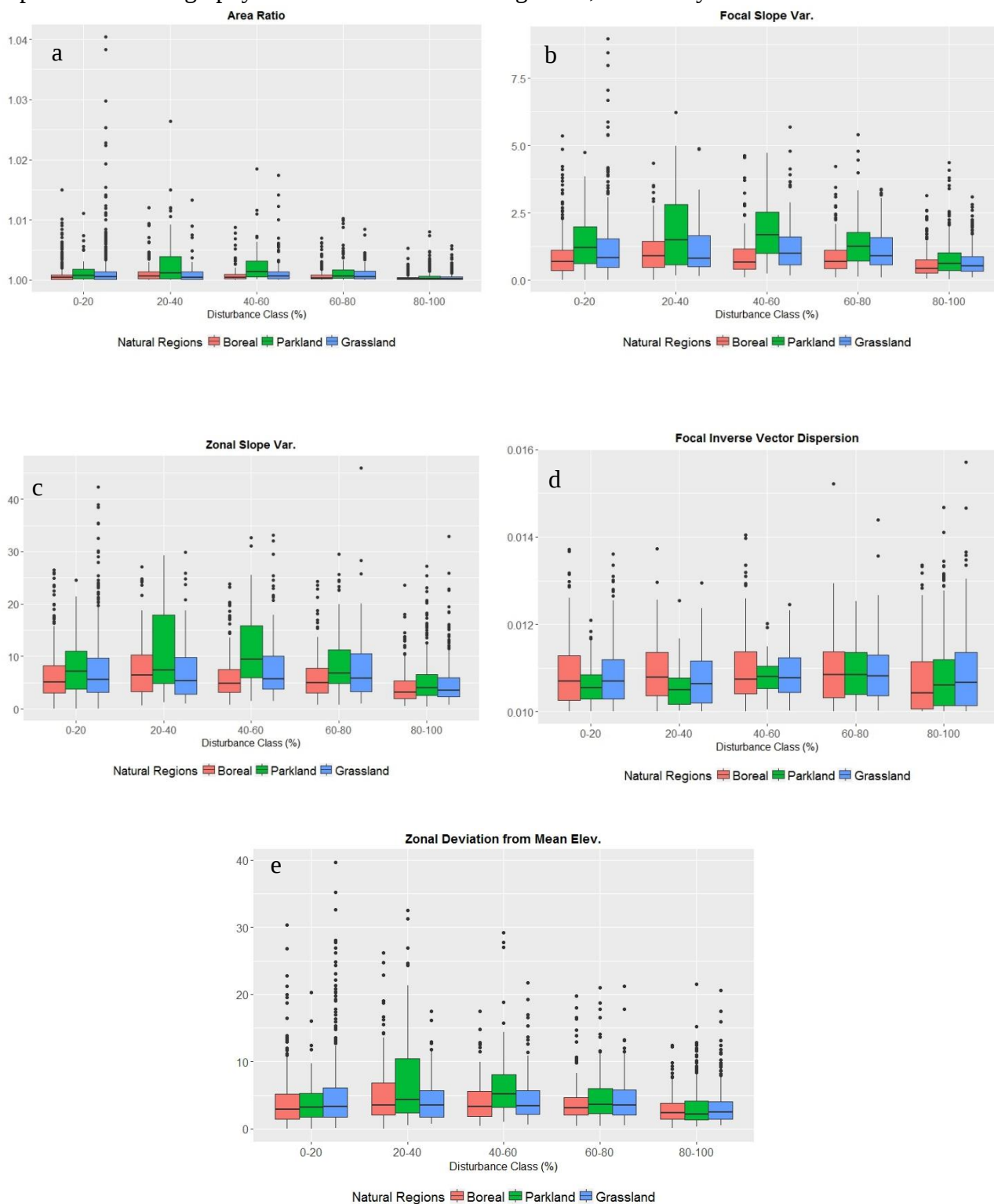


Fig. 3.1 Boxplots of representative TRMs: Area Ratio (a), focal slope variability (b), global slope variability (c), focal inverse vector dispersion (d), and global deviation from mean elevation (e).

Table 3.2 Mean and standard deviation values for representative landscape metrics for each natural region and disturbance class.

Values are rounded to three decimal places for visual clarity.

Disturbance (%)		0 - 20		20 - 40		40 - 60		60 - 80		80 - 100	
Metric Name		mean	sd	mean	sd	mean	sd	mean	sd	mean	sd
Boreal	GYRATE_AM	269.807	62.529	247.880	63.755	262.412	57.228	264.614	53.207	281.240	44.533
	PROX_AM	12.053	32.282	11.851	23.477	10.475	19.588	13.386	40.410	11.746	32.398
	SIDI	0.506	0.177	0.565	0.158	0.533	0.141	0.538	0.121	0.481	0.120
	SHEI	0.539	0.206	0.576	0.173	0.573	0.184	0.569	0.190	0.619	0.239
	SHAPE_AM	2.022	1.015	2.034	0.461	1.929	0.399	1.916	0.437	1.847	0.386
	ENN_AM	84.145	65.901	83.839	55.060	91.002	67.259	105.054	73.426	105.733	83.785
	CONNECT	16.905	15.247	18.406	14.990	17.992	16.893	17.944	14.307	18.000	16.090
Parkland	GYRATE_AM	230.313	89.061	209.543	83.841	205.585	67.469	223.542	68.761	266.208	48.375
	PROX_AM	12.960	20.477	12.366	17.136	16.503	18.815	12.897	17.058	16.299	40.514
	SIDI	0.578	0.222	0.647	0.177	0.661	0.135	0.612	0.138	0.518	0.111
	SHEI	0.577	0.241	0.662	0.190	0.605	0.158	0.567	0.167	0.577	0.215
	SHAPE_AM	2.112	0.518	2.133	0.471	2.210	0.420	2.197	0.446	2.015	0.437
	ENN_AM	61.368	56.289	75.901	52.967	73.505	48.525	77.045	53.532	94.368	67.325
	CONNECT	11.208	8.422	13.784	12.920	12.957	7.758	13.573	11.669	16.967	12.827
Grassland	GYRATE_AM	242.171	241.448	66.779	245.079	58.671	1.437	244.474	62.090	273.147	43.466
	PROX_AM	16.135	31.548	14.866	24.009	12.744	22.945	12.328	23.008	12.983	30.978
	SIDI	0.571	0.147	0.572	0.137	0.580	0.141	0.570	0.135	0.507	0.102
	SHEI	0.597	0.192	0.614	0.185	0.554	0.160	0.567	0.181	0.595	0.220
	SHAPE_AM	2.039	0.420	2.064	0.389	2.077	0.414	2.060	0.447	1.914	0.379
	ENN_AM	86.373	61.331	83.846	52.964	95.091	57.382	92.225	71.272	106.231	78.117
	CONNECT	16.383	13.027	17.990	14.335	16.805	11.870	16.624	11.888	18.297	16.225

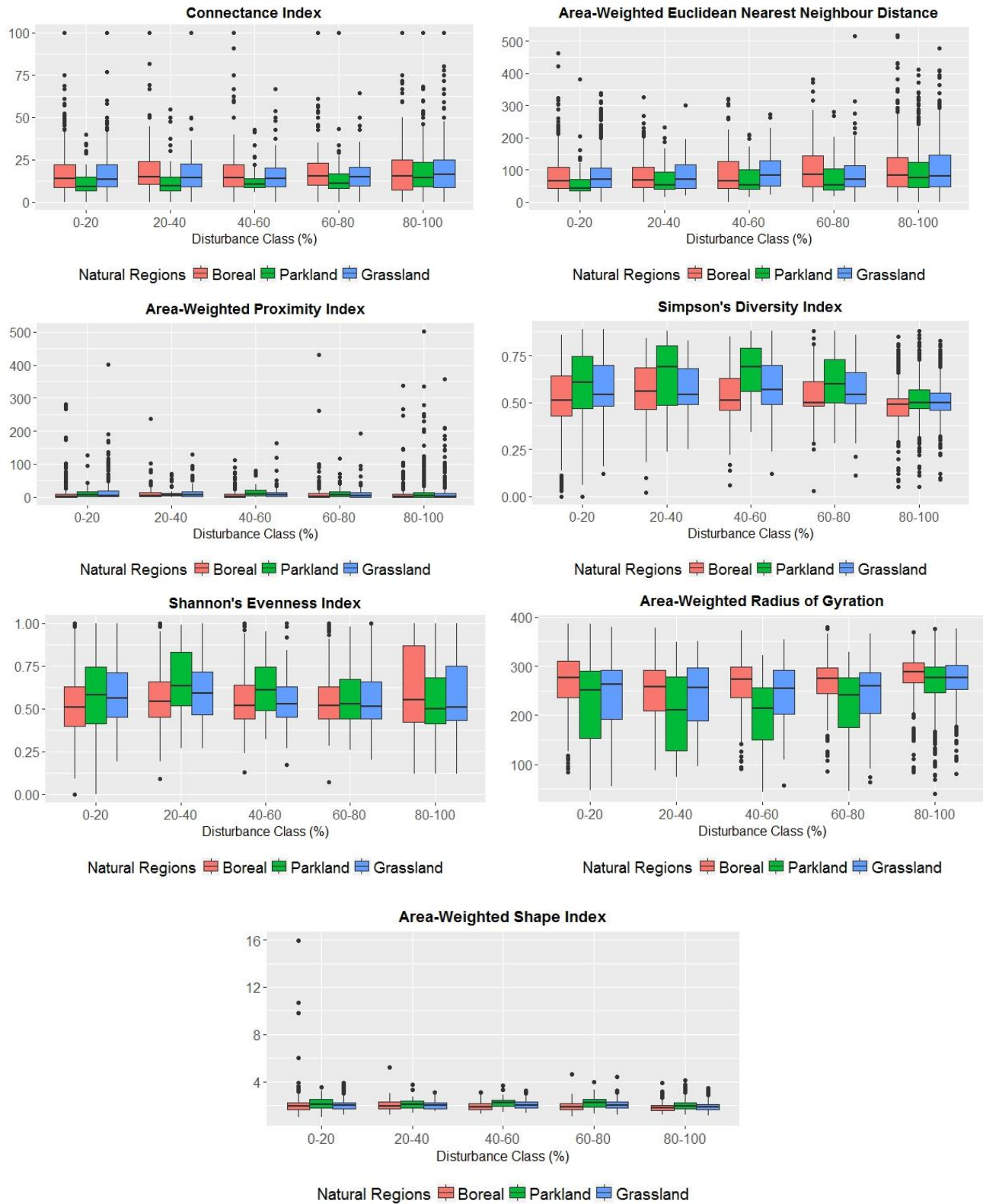


Fig. 3.2 Boxplots of representative landscape metrics. Colour gradient denotes natural region and each boxplot's x-axis denotes the proportion of disturbance