

Table. Range of variation in landscape structure for Semi-Desert Savannah under the simulated HRV disturbance scenario on the Uncompahgre Plateau Landscape, Colorado.

Landscape Metric	Condition Class (seral stage)	Percentiles of Simulated Distribution							CV <sup>1</sup>
		0	5	25	50	75	95	100	
<i>Seral Stage Composition</i> <sup>2</sup>									
PLAND	Herb - Annual	0.00	0.00	0.03	0.06	0.10	0.24	0.37	399
	Herb - Perennial	0.00	0.00	0.02	0.05	0.10	0.23	0.36	428
	Herb - Shrub - Tree	0.21	0.34	0.45	0.50	0.56	0.61	0.65	54
<i>Class Configuration</i> <sup>3</sup>									
PD	Herb - Annual	0.00	0.00	0.01	0.03	0.05	0.12	0.19	421
	Herb - Perennial	0.00	0.00	0.01	0.02	0.05	0.11	0.19	450
	Herb - Shrub - Tree	0.13	0.17	0.23	0.26	0.28	0.31	0.32	54
ED	Herb - Annual	0.00	0.00	0.15	0.34	0.63	1.44	2.13	429
	Herb - Perennial	0.00	0.01	0.15	0.30	0.57	1.38	2.11	449
	Herb - Shrub - Tree	1.35	1.99	2.67	3.01	3.32	3.68	3.80	56
AREA_MN	Herb - Annual	0.00	0.95	1.58	1.80	2.20	3.62	9.18	148
	Herb - Perennial	0.00	1.21	1.54	1.75	2.21	4.05	8.12	162
	Herb - Shrub - Tree	1.53	1.67	1.88	1.97	2.03	2.20	2.52	27
AREA_AM	Herb - Annual	0.00	1.14	3.36	5.47	17.91	152.73	322.20	2773
	Herb - Perennial	0.00	1.76	3.28	5.51	19.28	172.83	305.92	3105
	Herb - Shrub - Tree	3.93	9.72	26.85	53.86	61.89	81.51	96.55	133
GYRATE_AM	Herb - Annual	0.00	45.90	97.61	119.99	197.08	573.69	1078.32	440
	Herb - Perennial	0.00	64.51	95.79	121.07	201.21	620.56	1017.16	459
	Herb - Shrub - Tree	108.97	140.86	197.51	273.44	293.40	343.92	386.22	74
SHAPE_MN	Herb - Annual	1.06	1.35	1.83	1.94	2.03	2.09	2.21	38
	Herb - Perennial	1.17	1.62	1.85	1.94	2.03	2.10	2.52	24
	Herb - Shrub - Tree	1.93	1.96	1.98	2.00	2.01	2.03	2.05	3
SHAPE_AM	Herb - Annual	1.07	1.36	2.24	2.65	3.73	7.98	11.55	250
	Herb - Perennial	1.23	1.75	2.27	2.70	3.81	8.47	10.62	249
	Herb - Shrub - Tree	2.61	2.99	3.71	4.41	4.66	5.22	5.81	51
CPLAND	Herb - Annual	0.00	0.00	0.02	0.05	0.09	0.20	0.32	396
	Herb - Perennial	0.00	0.00	0.01	0.03	0.06	0.11	0.16	331
	Herb - Shrub - Tree	0.13	0.26	0.36	0.42	0.47	0.54	0.60	69
CORE_MN	Herb - Annual	0.00	0.73	1.31	1.50	1.91	3.31	7.46	171
	Herb - Perennial	0.00	0.65	0.87	1.06	1.31	2.30	4.41	156
	Herb - Shrub - Tree	1.02	1.25	1.47	1.64	1.77	1.94	2.38	42
CORE_AM	Herb - Annual	0.00	0.95	2.95	4.60	16.53	143.62	282.57	3100
	Herb - Perennial	0.00	1.07	2.02	3.52	12.92	91.27	179.34	2562
	Herb - Shrub - Tree	3.12	8.31	24.27	49.85	58.19	77.67	94.33	139
CAI_MN	Herb - Annual	0.00	69.16	78.83	82.42	85.67	88.87	100.00	24
	Herb - Perennial	0.00	32.31	47.05	54.29	62.48	73.46	89.19	76

	Herb - Shrub - Tree	45.62	59.15	71.96	79.77	87.19	91.21	95.71	40
CAI_AM	Herb - Annual	0.00	74.41	81.40	85.58	88.85	91.58	100.00	20
	Herb - Perennial	0.00	41.03	53.37	58.53	66.31	77.53	91.28	62
	Herb - Shrub - Tree	56.56	65.20	77.77	84.76	89.80	93.53	96.70	33
PROX_MN	Herb - Annual	0.00	0.01	2.78	5.38	9.42	36.09	173.80	671
	Herb - Perennial	0.00	0.05	2.27	4.92	8.46	34.03	160.12	690
	Herb - Shrub - Tree	4.78	6.64	9.91	13.36	14.90	18.69	25.83	90
PROX_AM	Herb - Annual	0.00	0.01	3.07	7.53	15.14	52.53	93.28	697
	Herb - Perennial	0.00	0.04	2.28	6.53	13.60	50.22	106.11	768
	Herb - Shrub - Tree	6.76	10.13	21.25	26.55	33.52	66.92	139.47	214
CWED	Herb - Annual	0.00	0.00	0.01	0.04	0.07	0.18	0.29	513
	Herb - Perennial	0.00	0.00	0.02	0.04	0.09	0.24	0.41	546
	Herb - Shrub - Tree	0.26	0.34	0.45	0.50	0.55	0.62	0.71	56
TECI	Herb - Annual	2.56	6.04	8.68	10.36	12.70	17.14	25.93	107
	Herb - Perennial	5.44	8.13	11.83	14.38	17.80	24.05	28.14	111
	Herb - Shrub - Tree	12.29	14.11	15.26	16.64	17.97	21.28	26.27	43
CLUMPY	Herb - Annual	0.57	0.58	0.61	0.64	0.68	0.77	0.87	29
	Herb - Perennial	0.57	0.58	0.61	0.63	0.67	0.75	0.81	28
	Herb - Shrub - Tree	0.58	0.60	0.62	0.63	0.63	0.65	0.68	9
IJI	Herb - Annual	5.86	28.22	35.18	38.56	41.68	46.92	52.30	48
	Herb - Perennial	18.93	28.38	35.57	39.12	42.87	47.72	52.58	49
	Herb - Shrub - Tree	34.38	40.55	44.46	46.86	49.09	51.24	55.42	23

<sup>1</sup>CV = coefficient of variation in the simulated distribution, computed as the difference between the 5 and 95<sup>th</sup> percentiles divided by the median and multiplied by 100 to convert to a percentage. n/d = not defined (division by zero).

<sup>2</sup>Landscape composition here represents the distribution of area among seral stages for the corresponding cover type. PLAND = the percent of the landscape encompassed by the corresponding seral stage. Note, PLAND = the percentage of the entire landscape, not as a percent of the corresponding cover type.

<sup>3</sup>Landscape configuration here represents the spatial character, distribution, and arrangement of the corresponding cover type. The landscape metrics listed here are described in detail in the FRAGSTATS methods section. PD = patch density; ED = edge density; AREA\_MN = mean patch size; AREA\_AM = area-weighted mean patch size; GYRATE\_AM = area-weighted mean patch radius of gyration (correlation length); SHAPE\_MN = mean patch shape index; SHAPE\_AM = area-weighted mean patch shape index; CPLAND = core area percent of landscape; CORE\_MN = mean patch core area; CORE\_AM = area-weighted mean patch core area; CAI\_MN = mean patch core area index; CAI\_AM = area-weighted mean patch core area index; PROX\_MN = mean proximity index; PROX\_AM = area-weighted mean proximity index; CWED = contrast-weighted edge density; TECI = total edge contrast index; CLUMPY = clumpiness index; IJI = interspersed and juxtaposition index.