

## Supplementary File S1. Analysis of variance

### NDVI (NDVI\_mean)

Descriptives - NDVI_mean			
Classes	Mean	SD	N
1	0.286	0.068	6046
2	0.341	0.095	2674
3	0.344	0.057	5757
4	0.300	0.065	5579
5	0.295	0.062	4508
6	0.325	0.060	4401

### ANOVA - NDVI\_mean

Cases	Sum of Squares	df	Mean Square	F	p
Classes	15.344	5	3.069	695.876	< .001
Residuals	127.709	28959	0.004		
Note. Type III Sum of Squares					

Post Hoc Comparisons - NDVI_mean						
Classes		Mean Difference	95% CI for Mean Difference		SE	t
			Lower	Upper		
1	2	-0.055	-0.059	-0.051	0.002	-35.661
	3	-0.058	-0.062	-0.055	0.001	-47.727
	4	-0.014	-0.017	-0.010	0.001	-11.010
	5	-0.009	-0.012	-0.005	0.001	-6.510
	6	-0.039	-0.043	-0.035	0.001	-29.652
2	3	<b>-0.003</b>	<b>-0.008</b>	<b>0.001</b>	<b>0.002</b>	<b>-2.165</b>
	4	0.041	0.037	0.046	0.002	26.522
	5	0.046	0.042	0.051	0.002	28.683
	6	0.016	0.011	0.021	0.002	9.816
3	4	0.045	0.041	0.048	0.001	35.902
	5	0.050	0.046	0.054	0.001	37.750
	6	0.019	0.016	0.023	0.001	14.550
4	5	0.005	0.001	0.009	0.001	3.810
	6	-0.025	-0.029	-0.022	0.001	-19.004
5	6	-0.031	-0.035	-0.027	0.001	-21.681

Note. P-value and confidence intervals adjusted for comparing a family of 6 estimates (confidence intervals corrected using the Tukey method).

# Intensity (IntOL\_mean)

Descriptives - IntOL_mean			
Classes	Mean	SD	N
1	0.371	0.112	6034
2	0.917	0.321	2671
3	0.583	0.223	5757
4	0.267	0.074	5575
5	0.333	0.106	4501
6	0.286	0.135	4396

ANOVA - IntOL_mean					
Cases	Sum of Squares	df	Mean Square	F	p
Classes	1071.088	5	214.218	7750.429	< .001
Residuals	799.554	28928	0.028		

*Note.* Type III Sum of Squares

Post Hoc Comparisons - IntOL_mean						
Classes		Mean Difference	95% CI for Mean Difference		SE	t
			Lower	Upper		
1	2	-0.546	-0.557	-0.535	0.004	-141.291
	3	-0.212	-0.221	-0.203	0.003	-69.175
	4	0.105	0.096	0.113	0.003	33.877
	5	0.039	0.029	0.048	0.003	11.801
	6	0.085	0.075	0.094	0.003	25.741
2	3	0.334	0.323	0.345	0.004	85.822
	4	0.651	0.639	0.662	0.004	166.283
	5	0.585	0.573	0.596	0.004	143.956
	6	0.631	0.619	0.642	0.004	154.653
3	4	0.317	0.308	0.325	0.003	101.318
	5	0.251	0.241	0.260	0.003	75.735
	6	0.297	0.287	0.306	0.003	89.113
4	5	-0.066	-0.075	-0.056	0.003	-19.807
	6	-0.020	-0.029	-0.010	0.003	-5.894
5	6	0.046	0.036	0.056	0.004	13.111

*Note.* P-value and confidence intervals adjusted for comparing a family of 6 estimates (confidence intervals corrected using the Tukey method).

## Diversity (DivCo\_mean)

Descriptives - DivCo_mean			
Classes	Mean	SD	N
1	0.574	0.104	6034
2	0.664	0.144	2671
3	0.664	0.152	5757
4	0.594	0.097	5575
5	0.560	0.139	4501
6	0.537	0.124	4396

ANOVA - DivCo_mean					
Cases	Sum of Squares	df	Mean Square	F	p
Classes	63.457	5	12.691	797.607	< .001
Residuals	460.299	28928	0.016		

*Note.* Type III Sum of Squares

Post Hoc Comparisons – DivCo_mean						
Classes		Mean Difference	95% CI for Mean Difference		SE	t
			Lower	Upper		
1	2	–0.090	–0.098	–0.082	0.003	–30.720
	3	–0.090	–0.097	–0.083	0.002	–38.722
	4	–0.020	–0.027	–0.014	0.002	–8.613
	5	0.014	0.007	0.021	0.002	5.797
	6	0.038	0.030	0.045	0.003	14.999
2	3	<b>6.850e-5</b>	<b>–0.008</b>	<b>0.008</b>	<b>0.003</b>	<b>0.023</b>
	4	0.070	0.061	0.078	0.003	23.540
	5	0.104	0.096	0.113	0.003	33.904
	6	0.128	0.119	0.136	0.003	41.224
3	4	0.070	0.063	0.077	0.002	29.451
	5	0.104	0.097	0.112	0.003	41.593
	6	0.128	0.120	0.135	0.003	50.466
4	5	0.035	0.027	0.042	0.003	13.682
	6	0.058	0.050	0.065	0.003	22.677
5	6	0.023	0.015	0.031	0.003	8.642

*Note.* P-value and confidence intervals adjusted for comparing a family of 6 estimates (confidence intervals corrected using the Tukey method).

Landscape elements (EIPAgr\_mean)

Descriptives - EIPAgr_mean			
Classes	Mean	SD	N
1	0.259	0.120	6034
2	0.308	0.159	2671
3	0.897	0.125	5757
4	0.074	0.061	5575
5	0.692	0.167	4501
6	0.263	0.161	4396

ANOVA - EIPAgr_mean					
Cases	Sum of Squares	df	Mean Square	F	p
Classes	2605.784	5	521.157	29860.265	< .001
Residuals	504.886	28928	0.017		

*Note.* Type III Sum of Squares

Post Hoc Comparisons - EIPAgr_mean						
Classes		Mean Difference	95% CI for Mean Difference		SE	t
			Lower	Upper		
1	2	-0.049	-0.058	-0.041	0.003	-16.102
	3	-0.638	-0.645	-0.631	0.002	-262.034
	4	0.185	0.178	0.192	0.002	75.236
	5	-0.433	-0.440	-0.426	0.003	-166.392
	<b>6</b>	<b>-0.004</b>	<b>-0.011</b>	<b>0.004</b>	<b>0.003</b>	<b>-1.409</b>
2	3	-0.588	-0.597	-0.580	0.003	-190.223
	4	0.234	0.225	0.243	0.003	75.296
	5	-0.384	-0.393	-0.374	0.003	-118.851
	6	0.046	0.037	0.055	0.003	14.115
3	4	0.822	0.815	0.829	0.002	331.303
	5	0.205	0.197	0.212	0.003	77.927
	6	0.634	0.627	0.642	0.003	239.630
4	5	-0.618	-0.625	-0.610	0.003	-233.289
	6	-0.188	-0.196	-0.181	0.003	-70.677
5	6	0.429	0.421	0.437	0.003	153.227

*Note.* P-value and confidence intervals adjusted for comparing a family of 6 estimates (confidence intervals corrected using the Tukey method).

# Altitude (dtm20\_mean)

Descriptives - dtm20_mean			
Classes	Mean	SD	N
1	63.395	30.642	6046
2	147.113	104.853	2674
3	322.897	87.119	5757
4	45.247	18.646	5579
5	90.772	31.290	4508
6	85.652	51.313	4401

ANOVA - dtm20_mean					
Cases	Sum of Squares	df	Mean Square	F	p
Classes	2.972e+8	5	5.944e+7	17802.940	< .001
Residuals	9.669e+7	28959	3338.758		

*Note.* Type III Sum of Squares

Post Hoc Comparisons - dtm20_mean						
		95% CI for Mean Difference			SE	t
Classes	Mean Difference	Lower	Upper			
1	2	-83.718	-87.542	-79.894	1.342	-62.385
	3	-259.502	-262.534	-256.470	1.064	-243.885
	4	18.148	15.091	21.205	1.073	16.918
	5	-27.377	-30.617	-24.136	1.137	-24.077
	6	-22.257	-25.519	-18.994	1.145	-19.439
2	3	-175.784	-179.638	-171.931	1.352	-129.995
	4	101.866	97.993	105.739	1.359	74.953
	5	56.341	52.322	60.360	1.410	39.947
	6	61.461	57.424	65.499	1.417	43.381
3	4	277.650	274.557	280.744	1.086	255.771
	5	232.126	228.851	235.400	1.149	201.995
	6	237.246	233.949	240.543	1.157	205.057
4	5	-45.525	-48.822	-42.227	1.157	-39.341
	6	-40.405	-43.724	-37.085	1.165	-34.684
5	6	5.120	1.631	8.609	1.224	4.182

*Note.* P-value and confidence intervals adjusted for comparing a family of 6 estimates (confidence intervals corrected using the Tukey method).