

Sampling Technique	Sigma	Radii	PA Ratio	Evaluation Metric	MeanVal	min	max
Target Group Based Approach	1	0	400	ROC	0.81566667	0.776	0.945
Target Group Based Approach	1	0	400	TSS	0.46266667	0.258	0.568
Target Group Based Approach	1	0	800	ROC	0.81316667	0.774	0.904
Target Group Based Approach	1	0	800	TSS	0.50241667	0.399	0.656
Target Group Based Approach	1	0	2000	ROC	0.79525	0.745	0.866
Target Group Based Approach	1	0	2000	TSS	0.4215	0.176	0.611
Target Group Based Approach	1	0	4000	ROC	0.78883333	0.728	0.873
Target Group Based Approach	1	0	4000	TSS	0.35666667	0.163	0.583
Target Group Based Approach	1	0	10000	ROC	0.76416667	0.644	0.851
Target Group Based Approach	1	0	10000	TSS	0.23675	0.109	0.437
Target Group Based Approach	1	50-150 km	400	ROC	0.85133333	0.747	0.949
Target Group Based Approach	1	50-150 km	400	TSS	0.47183333	0.132	0.805
Target Group Based Approach	1	50-150 km	800	ROC	0.85916667	0.778	0.933
Target Group Based Approach	1	50-150 km	800	TSS	0.52458333	0.216	0.842
Target Group Based Approach	1	50-150 km	2000	ROC	0.85125	0.745	0.939
Target Group Based Approach	1	50-150 km	2000	TSS	0.44858333	0.129	0.726
Target Group Based Approach	1	50-150 km	4000	ROC	0.83175	0.69	0.939
Target Group Based Approach	1	50-150 km	4000	TSS	0.4225	0.086	0.666
Target Group Based Approach	1	50-150 km	10000	ROC	0.81191667	0.633	0.91
Target Group Based Approach	1	50-150 km	10000	TSS	0.38633333	0.084	0.63
Target Group Based Approach	1	50-300 km	400	ROC	0.86583333	0.801	0.944
Target Group Based Approach	1	50-300 km	400	TSS	0.555	0.281	0.745
Target Group Based Approach	1	50-300 km	800	ROC	0.87783333	0.798	0.95
Target Group Based Approach	1	50-300 km	800	TSS	0.56741667	0.303	0.758
Target Group Based Approach	1	50-300 km	2000	ROC	0.86008333	0.769	0.946
Target Group Based Approach	1	50-300 km	2000	TSS	0.49191667	0.243	0.726
Target Group Based Approach	1	50-300 km	4000	ROC	0.85058333	0.762	0.918

Target Group Based Approach	1	50-300 km	4000 TSS	0.46141667	0.23	0.66
Target Group Based Approach	1	50-300 km	10000 ROC	0.82491667	0.693	0.906
Target Group Based Approach	1	50-300 km	10000 TSS	0.4085	0.125	0.648
Target Group Based Approach	1	50-500km	400 ROC	0.85383333	0.775	0.97
Target Group Based Approach	1	50-500km	400 TSS	0.55333333	0.244	0.791
Target Group Based Approach	1	50-500km	800 ROC	0.87425	0.784	0.945
Target Group Based Approach	1	50-500km	800 TSS	0.59783333	0.326	0.793
Target Group Based Approach	1	50-500km	2000 ROC	0.86866667	0.792	0.922
Target Group Based Approach	1	50-500km	2000 TSS	0.53508333	0.343	0.782
Target Group Based Approach	1	50-500km	4000 ROC	0.85616667	0.763	0.925
Target Group Based Approach	1	50-500km	4000 TSS	0.49875	0.266	0.688
Target Group Based Approach	1	50-500km	10000 ROC	0.8435	0.728	0.931
Target Group Based Approach	1	50-500km	10000 TSS	0.42516667	0.158	0.649
Target Group Based Approach	3	0	400 ROC	0.84283333	0.79	0.932
Target Group Based Approach	3	0	400 TSS	0.55375	0.356	0.839
Target Group Based Approach	3	0	800 ROC	0.827	0.762	0.928
Target Group Based Approach	3	0	800 TSS	0.49991667	0.33	0.775
Target Group Based Approach	3	0	2000 ROC	0.82475	0.767	0.906
Target Group Based Approach	3	0	2000 TSS	0.44558333	0.261	0.736
Target Group Based Approach	3	0	4000 ROC	0.82333333	0.77	0.93
Target Group Based Approach	3	0	4000 TSS	0.44333333	0.195	0.652
Target Group Based Approach	3	0	10000 ROC	0.80025	0.704	0.899
Target Group Based Approach	3	0	10000 TSS	0.29983333	0.103	0.446
Target Group Based Approach	3	50-150 km	400 ROC	0.875	0.756	0.96
Target Group Based Approach	3	50-150 km	400 TSS	0.47316667	0.114	0.843
Target Group Based Approach	3	50-150 km	800 ROC	0.86875	0.775	0.965
Target Group Based Approach	3	50-150 km	800 TSS	0.54575	0.289	0.742
Target Group Based Approach	3	50-150 km	2000 ROC	0.85591667	0.721	0.95

Target Group Based Approach	3	50-150 km	2000 TSS	0.47375	0.121	0.783
Target Group Based Approach	3	50-150 km	4000 ROC	0.83483333	0.685	0.948
Target Group Based Approach	3	50-150 km	4000 TSS	0.431	0.14	0.651
Target Group Based Approach	3	50-150 km	10000 ROC	0.81483333	0.647	0.924
Target Group Based Approach	3	50-150 km	10000 TSS	0.37741667	0.107	0.625
Target Group Based Approach	3	50-300 km	400 ROC	0.865	0.79	0.965
Target Group Based Approach	3	50-300 km	400 TSS	0.53333333	0.266	0.883
Target Group Based Approach	3	50-300 km	800 ROC	0.89433333	0.811	0.956
Target Group Based Approach	3	50-300 km	800 TSS	0.62283333	0.38	0.851
Target Group Based Approach	3	50-300 km	2000 ROC	0.88075	0.8	0.95
Target Group Based Approach	3	50-300 km	2000 TSS	0.558	0.226	0.838
Target Group Based Approach	3	50-300 km	4000 ROC	0.8715	0.792	0.944
Target Group Based Approach	3	50-300 km	4000 TSS	0.51558333	0.308	0.651
Target Group Based Approach	3	50-300 km	10000 ROC	0.855	0.739	0.935
Target Group Based Approach	3	50-300 km	10000 TSS	0.45741667	0.197	0.69
Target Group Based Approach	3	50-500km	400 ROC	0.88675	0.808	0.976
Target Group Based Approach	3	50-500km	400 TSS	0.61833333	0.339	0.945
Target Group Based Approach	3	50-500km	800 ROC	0.89408333	0.827	0.953
Target Group Based Approach	3	50-500km	800 TSS	0.65025	0.433	0.846
Target Group Based Approach	3	50-500km	2000 ROC	0.88141667	0.804	0.937
Target Group Based Approach	3	50-500km	2000 TSS	0.59983333	0.459	0.777
Target Group Based Approach	3	50-500km	4000 ROC	0.87533333	0.797	0.944
Target Group Based Approach	3	50-500km	4000 TSS	0.51741667	0.294	0.715
Target Group Based Approach	3	50-500km	10000 ROC	0.85516667	0.753	0.933
Target Group Based Approach	3	50-500km	10000 TSS	0.46808333	0.253	0.679
Target Group Based Approach	5	0	400 ROC	0.82175	0.729	0.915
Target Group Based Approach	5	0	400 TSS	0.48766667	0.229	0.684
Target Group Based Approach	5	0	800 ROC	0.84475	0.791	0.94

Target Group Based Approach	5	0	800 TSS	0.53408333	0.274	0.777
Target Group Based Approach	5	0	2000 ROC	0.84233333	0.777	0.925
Target Group Based Approach	5	0	2000 TSS	0.50608333	0.157	0.734
Target Group Based Approach	5	0	4000 ROC	0.82225	0.76	0.91
Target Group Based Approach	5	0	4000 TSS	0.40441667	0.157	0.508
Target Group Based Approach	5	0	10000 ROC	0.80525	0.717	0.904
Target Group Based Approach	5	0	10000 TSS	0.25516667	0.097	0.498
Target Group Based Approach	5	50-150 km	400 ROC	0.857	0.749	0.953
Target Group Based Approach	5	50-150 km	400 TSS	0.51458333	0.088	0.802
Target Group Based Approach	5	50-150 km	800 ROC	0.87308333	0.773	0.958
Target Group Based Approach	5	50-150 km	800 TSS	0.5565	0.273	0.812
Target Group Based Approach	5	50-150 km	2000 ROC	0.85225	0.739	0.947
Target Group Based Approach	5	50-150 km	2000 TSS	0.45758333	0.164	0.741
Target Group Based Approach	5	50-150 km	4000 ROC	0.82841667	0.675	0.928
Target Group Based Approach	5	50-150 km	4000 TSS	0.42708333	0.11	0.635
Target Group Based Approach	5	50-150 km	10000 ROC	0.80291667	0.605	0.909
Target Group Based Approach	5	50-150 km	10000 TSS	0.38066667	0.076	0.623
Target Group Based Approach	5	50-300 km	400 ROC	0.886	0.81	0.963
Target Group Based Approach	5	50-300 km	400 TSS	0.59466667	0.466	0.843
Target Group Based Approach	5	50-300 km	800 ROC	0.89283333	0.824	0.959
Target Group Based Approach	5	50-300 km	800 TSS	0.61566667	0.422	0.826
Target Group Based Approach	5	50-300 km	2000 ROC	0.88375	0.807	0.944
Target Group Based Approach	5	50-300 km	2000 TSS	0.56283333	0.286	0.767
Target Group Based Approach	5	50-300 km	4000 ROC	0.869	0.796	0.948
Target Group Based Approach	5	50-300 km	4000 TSS	0.52241667	0.27	0.675
Target Group Based Approach	5	50-300 km	10000 ROC	0.85341667	0.747	0.931
Target Group Based Approach	5	50-300 km	10000 TSS	0.47825	0.257	0.673
Target Group Based Approach	5	50-500km	400 ROC	0.90183333	0.843	0.965

Target Group Based Approach	5	50-500km	400 TSS	0.74558333	0.669	0.809
Target Group Based Approach	5	50-500km	800 ROC	0.90575	0.836	0.961
Target Group Based Approach	5	50-500km	800 TSS	0.64725	0.506	0.782
Target Group Based Approach	5	50-500km	2000 ROC	0.88466667	0.822	0.952
Target Group Based Approach	5	50-500km	2000 TSS	0.56675	0.323	0.81
Target Group Based Approach	5	50-500km	4000 ROC	0.88483333	0.808	0.953
Target Group Based Approach	5	50-500km	4000 TSS	0.568	0.349	0.668
Target Group Based Approach	5	50-500km	10000 ROC	0.85741667	0.77	0.937
Target Group Based Approach	5	50-500km	10000 TSS	0.48116667	0.286	0.655
Random Sampling	-	-	400 ROC	0.83891667	0.73	0.938
Random Sampling	-	-	400 TSS	0.49783333	0.164	0.76
Random Sampling	-	-	800 ROC	0.85275	0.78	0.94
Random Sampling	-	-	800 TSS	0.53791667	0.412	0.741
Random Sampling	-	-	2000 ROC	0.83916667	0.745	0.925
Random Sampling	-	-	2000 TSS	0.45583333	0.161	0.59
Random Sampling	-	-	4000 ROC	0.82141667	0.746	0.907
Random Sampling	-	-	4000 TSS	0.33258333	0.159	0.532
Random Sampling	-	-	10000 ROC	0.60366667	0.509	0.749
Random Sampling	-	-	10000 TSS	0.258	0.042	0.506
Density-Weighted Population-Based Approach	1	0	400 ROC	0.68191667	0.646	0.731
Density-Weighted Population-Based Approach	1	0	400 TSS	0.25916667	0.187	0.354
Density-Weighted Population-Based Approach	1	0	800 ROC	0.66991667	0.545	0.81
Density-Weighted Population-Based Approach	1	0	800 TSS	0.21641667	0.081	0.422
Density-Weighted Population-Based Approach	1	0	2000 ROC	0.65533333	0.574	0.773
Density-Weighted Population-Based Approach	1	0	2000 TSS	0.19383333	0.058	0.386
Density-Weighted Population-Based Approach	1	0	4000 ROC	0.64641667	0.513	0.765
Density-Weighted Population-Based Approach	1	0	4000 TSS	0.14716667	0.004	0.277
Density-Weighted Population-Based Approach	1	0	10000 ROC	0.63666667	0.473	0.797

Density-Weighted Population-Based Approach	1	0	10000 TSS	0.07491667	-0.031	0.158
Density-Weighted Population-Based Approach	1	50-150 km	400 ROC	0.80625	0.682	0.933
Density-Weighted Population-Based Approach	1	50-150 km	400 TSS	0.35825	0.159	0.661
Density-Weighted Population-Based Approach	1	50-150 km	800 ROC	0.80758333	0.692	0.928
Density-Weighted Population-Based Approach	1	50-150 km	800 TSS	0.38525	0.163	0.715
Density-Weighted Population-Based Approach	1	50-150 km	2000 ROC	0.79133333	0.634	0.905
Density-Weighted Population-Based Approach	1	50-150 km	2000 TSS	0.37491667	0.135	0.658
Density-Weighted Population-Based Approach	1	50-150 km	4000 ROC	0.76583333	0.598	0.877
Density-Weighted Population-Based Approach	1	50-150 km	4000 TSS	0.34575	0.088	0.61
Density-Weighted Population-Based Approach	1	50-150 km	10000 ROC	0.74	0.56	0.856
Density-Weighted Population-Based Approach	1	50-150 km	10000 TSS	0.28975	0.059	0.596
Density-Weighted Population-Based Approach	1	50-300 km	400 ROC	0.82458333	0.753	0.94
Density-Weighted Population-Based Approach	1	50-300 km	400 TSS	0.4405	0.247	0.707
Density-Weighted Population-Based Approach	1	50-300 km	800 ROC	0.82083333	0.686	0.923
Density-Weighted Population-Based Approach	1	50-300 km	800 TSS	0.40083333	0.138	0.703
Density-Weighted Population-Based Approach	1	50-300 km	2000 ROC	0.79616667	0.632	0.907
Density-Weighted Population-Based Approach	1	50-300 km	2000 TSS	0.38441667	0.152	0.667
Density-Weighted Population-Based Approach	1	50-300 km	4000 ROC	0.76858333	0.601	0.862
Density-Weighted Population-Based Approach	1	50-300 km	4000 TSS	0.34841667	0.097	0.565
Density-Weighted Population-Based Approach	1	50-300 km	10000 ROC	0.7505	0.565	0.888
Density-Weighted Population-Based Approach	1	50-300 km	10000 TSS	0.30608333	0.079	0.607
Density-Weighted Population-Based Approach	1	50-500km	400 ROC	0.80275	0.699	0.894
Density-Weighted Population-Based Approach	1	50-500km	400 TSS	0.38258333	0.223	0.673
Density-Weighted Population-Based Approach	1	50-500km	800 ROC	0.82233333	0.715	0.915
Density-Weighted Population-Based Approach	1	50-500km	800 TSS	0.45408333	0.194	0.729
Density-Weighted Population-Based Approach	1	50-500km	2000 ROC	0.79425	0.638	0.905
Density-Weighted Population-Based Approach	1	50-500km	2000 TSS	0.38333333	0.097	0.702
Density-Weighted Population-Based Approach	1	50-500km	4000 ROC	0.76833333	0.607	0.882

Density-Weighted Population-Based Approach	1	50-500km	4000 TSS	0.35575	0.088	0.627
Density-Weighted Population-Based Approach	1	50-500km	10000 ROC	0.7495	0.56	0.871
Density-Weighted Population-Based Approach	1	50-500km	10000 TSS	0.29958333	0.082	0.61
Density-Weighted Population-Based Approach	3	0	400 ROC	0.742	0.686	0.796
Density-Weighted Population-Based Approach	3	0	400 TSS	0.33333333	0.184	0.486
Density-Weighted Population-Based Approach	3	0	800 ROC	0.76625	0.722	0.837
Density-Weighted Population-Based Approach	3	0	800 TSS	0.384	0.259	0.579
Density-Weighted Population-Based Approach	3	0	2000 ROC	0.735	0.689	0.767
Density-Weighted Population-Based Approach	3	0	2000 TSS	0.3145	0.216	0.434
Density-Weighted Population-Based Approach	3	0	4000 ROC	0.72425	0.621	0.783
Density-Weighted Population-Based Approach	3	0	4000 TSS	0.22966667	0.132	0.367
Density-Weighted Population-Based Approach	3	0	10000 ROC	0.69191667	0.564	0.761
Density-Weighted Population-Based Approach	3	0	10000 TSS	0.13783333	-0.003	0.3
Density-Weighted Population-Based Approach	3	50-150 km	400 ROC	0.8165	0.733	0.923
Density-Weighted Population-Based Approach	3	50-150 km	400 TSS	0.44475	0.223	0.753
Density-Weighted Population-Based Approach	3	50-150 km	800 ROC	0.82091667	0.723	0.913
Density-Weighted Population-Based Approach	3	50-150 km	800 TSS	0.44283333	0.16	0.686
Density-Weighted Population-Based Approach	3	50-150 km	2000 ROC	0.8115	0.68	0.895
Density-Weighted Population-Based Approach	3	50-150 km	2000 TSS	0.38183333	0.181	0.657
Density-Weighted Population-Based Approach	3	50-150 km	4000 ROC	0.79358333	0.63	0.891
Density-Weighted Population-Based Approach	3	50-150 km	4000 TSS	0.37791667	0.128	0.633
Density-Weighted Population-Based Approach	3	50-150 km	10000 ROC	0.76358333	0.586	0.878
Density-Weighted Population-Based Approach	3	50-150 km	10000 TSS	0.32858333	0.117	0.618
Density-Weighted Population-Based Approach	3	50-300 km	400 ROC	0.84641667	0.76	0.935
Density-Weighted Population-Based Approach	3	50-300 km	400 TSS	0.52808333	0.415	0.711
Density-Weighted Population-Based Approach	3	50-300 km	800 ROC	0.84608333	0.782	0.916
Density-Weighted Population-Based Approach	3	50-300 km	800 TSS	0.4905	0.234	0.721
Density-Weighted Population-Based Approach	3	50-300 km	2000 ROC	0.8315	0.731	0.907

Density-Weighted Population-Based Approach	3	50-300 km	2000 TSS	0.42158333	0.118	0.64
Density-Weighted Population-Based Approach	3	50-300 km	4000 ROC	0.81625	0.692	0.906
Density-Weighted Population-Based Approach	3	50-300 km	4000 TSS	0.41941667	0.146	0.623
Density-Weighted Population-Based Approach	3	50-300 km	10000 ROC	0.80225	0.647	0.903
Density-Weighted Population-Based Approach	3	50-300 km	10000 TSS	0.36783333	0.139	0.62
Density-Weighted Population-Based Approach	3	50-500km	400 ROC	0.83275	0.746	0.934
Density-Weighted Population-Based Approach	3	50-500km	400 TSS	0.42858333	-0.011	0.664
Density-Weighted Population-Based Approach	3	50-500km	800 ROC	0.85808333	0.771	0.937
Density-Weighted Population-Based Approach	3	50-500km	800 TSS	0.51675	0.335	0.746
Density-Weighted Population-Based Approach	3	50-500km	2000 ROC	0.84141667	0.763	0.909
Density-Weighted Population-Based Approach	3	50-500km	2000 TSS	0.48041667	0.268	0.655
Density-Weighted Population-Based Approach	3	50-500km	4000 ROC	0.82058333	0.712	0.903
Density-Weighted Population-Based Approach	3	50-500km	4000 TSS	0.42483333	0.22	0.647
Density-Weighted Population-Based Approach	3	50-500km	10000 ROC	0.80408333	0.655	0.893
Density-Weighted Population-Based Approach	3	50-500km	10000 TSS	0.3845	0.169	0.641
Density-Weighted Population-Based Approach	5	0	400 ROC	0.768	0.731	0.842
Density-Weighted Population-Based Approach	5	0	400 TSS	0.36758333	0.172	0.511
Density-Weighted Population-Based Approach	5	0	800 ROC	0.74591667	0.538	0.799
Density-Weighted Population-Based Approach	5	0	800 TSS	0.33016667	0.083	0.465
Density-Weighted Population-Based Approach	5	0	2000 ROC	0.73875	0.696	0.77
Density-Weighted Population-Based Approach	5	0	2000 TSS	0.28641667	0.034	0.451
Density-Weighted Population-Based Approach	5	0	4000 ROC	0.7325	0.699	0.809
Density-Weighted Population-Based Approach	5	0	4000 TSS	0.24175	0.168	0.335
Density-Weighted Population-Based Approach	5	0	10000 ROC	0.70475	0.575	0.779
Density-Weighted Population-Based Approach	5	0	10000 TSS	0.13766667	-0.002	0.239
Density-Weighted Population-Based Approach	5	50-150 km	400 ROC	0.84541667	0.741	0.946
Density-Weighted Population-Based Approach	5	50-150 km	400 TSS	0.49325	0.241	0.714
Density-Weighted Population-Based Approach	5	50-150 km	800 ROC	0.82441667	0.715	0.908

Density-Weighted Population-Based Approach	5	50-150 km	800 TSS	0.42675	0.208	0.662
Density-Weighted Population-Based Approach	5	50-150 km	2000 ROC	0.81075	0.663	0.92
Density-Weighted Population-Based Approach	5	50-150 km	2000 TSS	0.37975	0.145	0.657
Density-Weighted Population-Based Approach	5	50-150 km	4000 ROC	0.79508333	0.638	0.888
Density-Weighted Population-Based Approach	5	50-150 km	4000 TSS	0.37558333	0.114	0.611
Density-Weighted Population-Based Approach	5	50-150 km	10000 ROC	0.76958333	0.591	0.872
Density-Weighted Population-Based Approach	5	50-150 km	10000 TSS	0.31175	0.083	0.603
Density-Weighted Population-Based Approach	5	50-300 km	400 ROC	0.85366667	0.785	0.974
Density-Weighted Population-Based Approach	5	50-300 km	400 TSS	0.49291667	0.247	0.706
Density-Weighted Population-Based Approach	5	50-300 km	800 ROC	0.8565	0.795	0.931
Density-Weighted Population-Based Approach	5	50-300 km	800 TSS	0.46483333	0.206	0.693
Density-Weighted Population-Based Approach	5	50-300 km	2000 ROC	0.85066667	0.755	0.934
Density-Weighted Population-Based Approach	5	50-300 km	2000 TSS	0.46325	0.21	0.727
Density-Weighted Population-Based Approach	5	50-300 km	4000 ROC	0.827	0.71	0.905
Density-Weighted Population-Based Approach	5	50-300 km	4000 TSS	0.42975	0.25	0.61
Density-Weighted Population-Based Approach	5	50-300 km	10000 ROC	0.8045	0.671	0.897
Density-Weighted Population-Based Approach	5	50-300 km	10000 TSS	0.38708333	0.171	0.619
Density-Weighted Population-Based Approach	5	50-500km	400 ROC	0.8745	0.797	0.967
Density-Weighted Population-Based Approach	5	50-500km	400 TSS	0.52566667	0	0.82
Density-Weighted Population-Based Approach	5	50-500km	800 ROC	0.8555	0.779	0.931
Density-Weighted Population-Based Approach	5	50-500km	800 TSS	0.53033333	0.192	0.673
Density-Weighted Population-Based Approach	5	50-500km	2000 ROC	0.84908333	0.768	0.917
Density-Weighted Population-Based Approach	5	50-500km	2000 TSS	0.49391667	0.327	0.676
Density-Weighted Population-Based Approach	5	50-500km	4000 ROC	0.83075	0.723	0.916
Density-Weighted Population-Based Approach	5	50-500km	4000 TSS	0.45958333	0.21	0.668
Density-Weighted Population-Based Approach	5	50-500km	10000 ROC	0.81166667	0.691	0.906
Density-Weighted Population-Based Approach	5	50-500km	10000 TSS	0.38325	0.18	0.632
Density-Weighted Geographic Sampling	1	0	400 ROC	0.76175	0.645	0.917

Density-Weighted Geographic Sampling	1	0	400 TSS	0.40183333	0.088	0.721
Density-Weighted Geographic Sampling	1	0	800 ROC	0.76241667	0.681	0.898
Density-Weighted Geographic Sampling	1	0	800 TSS	0.33225	0.116	0.651
Density-Weighted Geographic Sampling	1	0	2000 ROC	0.73933333	0.638	0.871
Density-Weighted Geographic Sampling	1	0	2000 TSS	0.27591667	0.114	0.545
Density-Weighted Geographic Sampling	1	0	4000 ROC	0.71016667	0.575	0.874
Density-Weighted Geographic Sampling	1	0	4000 TSS	0.17225	0	0.426
Density-Weighted Geographic Sampling	1	0	10000 ROC	0.69741667	0.529	0.877
Density-Weighted Geographic Sampling	1	0	10000 TSS	0.1275	0	0.39
Density-Weighted Geographic Sampling	1	50-150 km	400 ROC	0.84716667	0.762	0.954
Density-Weighted Geographic Sampling	1	50-150 km	400 TSS	0.46925	0.127	0.828
Density-Weighted Geographic Sampling	1	50-150 km	800 ROC	0.85091667	0.773	0.944
Density-Weighted Geographic Sampling	1	50-150 km	800 TSS	0.51066667	0.262	0.808
Density-Weighted Geographic Sampling	1	50-150 km	2000 ROC	0.84283333	0.734	0.946
Density-Weighted Geographic Sampling	1	50-150 km	2000 TSS	0.44825	0.194	0.71
Density-Weighted Geographic Sampling	1	50-150 km	4000 ROC	0.81641667	0.694	0.938
Density-Weighted Geographic Sampling	1	50-150 km	4000 TSS	0.42758333	0.169	0.592
Density-Weighted Geographic Sampling	1	50-150 km	10000 ROC	0.79641667	0.658	0.931
Density-Weighted Geographic Sampling	1	50-150 km	10000 TSS	0.34383333	0.106	0.565
Density-Weighted Geographic Sampling	1	50-300 km	400 ROC	0.86016667	0.782	0.952
Density-Weighted Geographic Sampling	1	50-300 km	400 TSS	0.53266667	0.217	0.808
Density-Weighted Geographic Sampling	1	50-300 km	800 ROC	0.86116667	0.792	0.948
Density-Weighted Geographic Sampling	1	50-300 km	800 TSS	0.53508333	0.306	0.78
Density-Weighted Geographic Sampling	1	50-300 km	2000 ROC	0.83525	0.727	0.937
Density-Weighted Geographic Sampling	1	50-300 km	2000 TSS	0.46216667	0.194	0.622
Density-Weighted Geographic Sampling	1	50-300 km	4000 ROC	0.82825	0.683	0.931
Density-Weighted Geographic Sampling	1	50-300 km	4000 TSS	0.41791667	0.179	0.609
Density-Weighted Geographic Sampling	1	50-300 km	10000 ROC	0.81158333	0.681	0.923

Density-Weighted Geographic Sampling	1	50-300 km	10000 TSS	0.36433333	0.154	0.594
Density-Weighted Geographic Sampling	1	50-500km	400 ROC	0.85116667	0.79	0.95
Density-Weighted Geographic Sampling	1	50-500km	400 TSS	0.49383333	0.181	0.831
Density-Weighted Geographic Sampling	1	50-500km	800 ROC	0.85083333	0.759	0.944
Density-Weighted Geographic Sampling	1	50-500km	800 TSS	0.50466667	0.299	0.826
Density-Weighted Geographic Sampling	1	50-500km	2000 ROC	0.85191667	0.757	0.948
Density-Weighted Geographic Sampling	1	50-500km	2000 TSS	0.48	0.144	0.727
Density-Weighted Geographic Sampling	1	50-500km	4000 ROC	0.82541667	0.688	0.941
Density-Weighted Geographic Sampling	1	50-500km	4000 TSS	0.41783333	0.133	0.584
Density-Weighted Geographic Sampling	1	50-500km	10000 ROC	0.80475	0.689	0.915
Density-Weighted Geographic Sampling	1	50-500km	10000 TSS	0.34291667	0.153	0.573
Density-Weighted Geographic Sampling	3	0	400 ROC	0.84225	0.751	0.934
Density-Weighted Geographic Sampling	3	0	400 TSS	0.51466667	0.245	0.797
Density-Weighted Geographic Sampling	3	0	800 ROC	0.84141667	0.794	0.918
Density-Weighted Geographic Sampling	3	0	800 TSS	0.49383333	0.43	0.67
Density-Weighted Geographic Sampling	3	0	2000 ROC	0.816	0.744	0.923
Density-Weighted Geographic Sampling	3	0	2000 TSS	0.34641667	0.198	0.562
Density-Weighted Geographic Sampling	3	0	4000 ROC	0.81191667	0.68	0.92
Density-Weighted Geographic Sampling	3	0	4000 TSS	0.35516667	0.216	0.518
Density-Weighted Geographic Sampling	3	0	10000 ROC	0.786	0.641	0.911
Density-Weighted Geographic Sampling	3	0	10000 TSS	0.23675	0.011	0.443
Density-Weighted Geographic Sampling	3	50-150 km	400 ROC	0.8705	0.796	0.958
Density-Weighted Geographic Sampling	3	50-150 km	400 TSS	0.57458333	0.3	0.863
Density-Weighted Geographic Sampling	3	50-150 km	800 ROC	0.87033333	0.783	0.948
Density-Weighted Geographic Sampling	3	50-150 km	800 TSS	0.55383333	0.294	0.83
Density-Weighted Geographic Sampling	3	50-150 km	2000 ROC	0.85991667	0.755	0.949
Density-Weighted Geographic Sampling	3	50-150 km	2000 TSS	0.51383333	0.256	0.691
Density-Weighted Geographic Sampling	3	50-150 km	4000 ROC	0.834	0.69	0.938

Density-Weighted Geographic Sampling	3	50-150 km	4000 TSS	0.46308333	0.221	0.651
Density-Weighted Geographic Sampling	3	50-150 km	10000 ROC	0.808	0.647	0.923
Density-Weighted Geographic Sampling	3	50-150 km	10000 TSS	0.37875	0.175	0.614
Density-Weighted Geographic Sampling	3	50-300 km	400 ROC	0.894	0.813	0.959
Density-Weighted Geographic Sampling	3	50-300 km	400 TSS	0.604	0.411	0.897
Density-Weighted Geographic Sampling	3	50-300 km	800 ROC	0.88991667	0.819	0.949
Density-Weighted Geographic Sampling	3	50-300 km	800 TSS	0.60325	0.326	0.809
Density-Weighted Geographic Sampling	3	50-300 km	2000 ROC	0.878	0.795	0.946
Density-Weighted Geographic Sampling	3	50-300 km	2000 TSS	0.53166667	0.28	0.701
Density-Weighted Geographic Sampling	3	50-300 km	4000 ROC	0.86433333	0.768	0.945
Density-Weighted Geographic Sampling	3	50-300 km	4000 TSS	0.49975	0.296	0.683
Density-Weighted Geographic Sampling	3	50-300 km	10000 ROC	0.84858333	0.723	0.93
Density-Weighted Geographic Sampling	3	50-300 km	10000 TSS	0.45266667	0.241	0.667
Density-Weighted Geographic Sampling	3	50-500km	400 ROC	0.88866667	0.79	0.96
Density-Weighted Geographic Sampling	3	50-500km	400 TSS	0.61925	0.381	0.868
Density-Weighted Geographic Sampling	3	50-500km	800 ROC	0.88975	0.834	0.956
Density-Weighted Geographic Sampling	3	50-500km	800 TSS	0.59225	0.237	0.859
Density-Weighted Geographic Sampling	3	50-500km	2000 ROC	0.8885	0.813	0.943
Density-Weighted Geographic Sampling	3	50-500km	2000 TSS	0.58408333	0.411	0.706
Density-Weighted Geographic Sampling	3	50-500km	4000 ROC	0.86858333	0.781	0.945
Density-Weighted Geographic Sampling	3	50-500km	4000 TSS	0.50483333	0.281	0.686
Density-Weighted Geographic Sampling	3	50-500km	10000 ROC	0.84775	0.726	0.924
Density-Weighted Geographic Sampling	3	50-500km	10000 TSS	0.46241667	0.25	0.663
Density-Weighted Geographic Sampling	5	0	400 ROC	0.83225	0.699	0.95
Density-Weighted Geographic Sampling	5	0	400 TSS	0.52033333	0.15	0.87
Density-Weighted Geographic Sampling	5	0	800 ROC	0.83508333	0.745	0.929
Density-Weighted Geographic Sampling	5	0	800 TSS	0.47041667	0.24	0.785
Density-Weighted Geographic Sampling	5	0	2000 ROC	0.84066667	0.783	0.921

Density-Weighted Geographic Sampling	5	0	2000 TSS	0.4215	0.212	0.61
Density-Weighted Geographic Sampling	5	0	4000 ROC	0.83091667	0.73	0.932
Density-Weighted Geographic Sampling	5	0	4000 TSS	0.38	0.204	0.522
Density-Weighted Geographic Sampling	5	0	10000 ROC	0.79875	0.677	0.913
Density-Weighted Geographic Sampling	5	0	10000 TSS	0.27691667	0.019	0.426
Density-Weighted Geographic Sampling	5	50-150 km	400 ROC	0.87716667	0.803	0.944
Density-Weighted Geographic Sampling	5	50-150 km	400 TSS	0.56858333	0.212	0.821
Density-Weighted Geographic Sampling	5	50-150 km	800 ROC	0.86641667	0.741	0.956
Density-Weighted Geographic Sampling	5	50-150 km	800 TSS	0.561	0.248	0.844
Density-Weighted Geographic Sampling	5	50-150 km	2000 ROC	0.86108333	0.744	0.945
Density-Weighted Geographic Sampling	5	50-150 km	2000 TSS	0.51333333	0.265	0.694
Density-Weighted Geographic Sampling	5	50-150 km	4000 ROC	0.84408333	0.692	0.926
Density-Weighted Geographic Sampling	5	50-150 km	4000 TSS	0.46091667	0.233	0.648
Density-Weighted Geographic Sampling	5	50-150 km	10000 ROC	0.81266667	0.639	0.925
Density-Weighted Geographic Sampling	5	50-150 km	10000 TSS	0.36516667	0.162	0.595
Density-Weighted Geographic Sampling	5	50-300 km	400 ROC	0.88308333	0.813	0.958
Density-Weighted Geographic Sampling	5	50-300 km	400 TSS	0.59275	0.322	0.88
Density-Weighted Geographic Sampling	5	50-300 km	800 ROC	0.89941667	0.842	0.955
Density-Weighted Geographic Sampling	5	50-300 km	800 TSS	0.63316667	0.376	0.86
Density-Weighted Geographic Sampling	5	50-300 km	2000 ROC	0.89708333	0.827	0.945
Density-Weighted Geographic Sampling	5	50-300 km	2000 TSS	0.57616667	0.311	0.807
Density-Weighted Geographic Sampling	5	50-300 km	4000 ROC	0.87725	0.792	0.945
Density-Weighted Geographic Sampling	5	50-300 km	4000 TSS	0.52275	0.302	0.675
Density-Weighted Geographic Sampling	5	50-300 km	10000 ROC	0.84625	0.747	0.932
Density-Weighted Geographic Sampling	5	50-300 km	10000 TSS	0.44833333	0.229	0.668
Density-Weighted Geographic Sampling	5	50-500km	400 ROC	0.89908333	0.854	0.958
Density-Weighted Geographic Sampling	5	50-500km	400 TSS	0.65983333	0.524	0.895
Density-Weighted Geographic Sampling	5	50-500km	800 ROC	0.91216667	0.851	0.957

Density-Weighted Geographic Sampling		5 50-500km	800 TSS	0.65058333	0.436	0.804
Density-Weighted Geographic Sampling		5 50-500km	2000 ROC	0.9005	0.833	0.949
Density-Weighted Geographic Sampling		5 50-500km	2000 TSS	0.59883333	0.384	0.771
Density-Weighted Geographic Sampling		5 50-500km	4000 ROC	0.88141667	0.806	0.947
Density-Weighted Geographic Sampling		5 50-500km	4000 TSS	0.55691667	0.299	0.692
Density-Weighted Geographic Sampling		5 50-500km	10000 ROC	0.85833333	0.78	0.929
Density-Weighted Geographic Sampling		5 50-500km	10000 TSS	0.487	0.296	0.68
Geographic Sampling	-	50-150 km	400 ROC	0.86083333	0.775	0.952
Geographic Sampling	-	50-150 km	400 TSS	0.4555	0.127	0.789
Geographic Sampling	-	50-300 km	400 ROC	0.89233333	0.82	0.993
Geographic Sampling	-	50-300 km	400 TSS	0.57475	0.277	0.833
Geographic Sampling	-	50-500km	400 ROC	0.88041667	0.818	0.952
Geographic Sampling	-	50-500km	400 TSS	0.59375	0.373	0.852
Geographic Sampling	-	50-150 km	800 ROC	0.86725	0.79	0.955
Geographic Sampling	-	50-150 km	800 TSS	0.558	0.283	0.798
Geographic Sampling	-	50-300 km	800 ROC	0.8745	0.804	0.953
Geographic Sampling	-	50-300 km	800 TSS	0.55208333	0.239	0.811
Geographic Sampling	-	50-500km	800 ROC	0.8985	0.848	0.953
Geographic Sampling	-	50-500km	800 TSS	0.57658333	0.239	0.817
Geographic Sampling	-	50-150 km	2000 ROC	0.85041667	0.735	0.94
Geographic Sampling	-	50-150 km	2000 TSS	0.45075	0.231	0.601
Geographic Sampling	-	50-300 km	2000 ROC	0.88308333	0.817	0.965
Geographic Sampling	-	50-300 km	2000 TSS	0.54525	0.192	0.795
Geographic Sampling	-	50-500km	2000 ROC	0.89125	0.823	0.949
Geographic Sampling	-	50-500km	2000 TSS	0.55983333	0.399	0.686
Geographic Sampling	-	50-150 km	4000 ROC	0.83041667	0.719	0.926
Geographic Sampling	-	50-150 km	4000 TSS	0.42766667	0.21	0.587
Geographic Sampling	-	50-300 km	4000 ROC	0.8715	0.79	0.938

Geographic Sampling	-	50-300 km	4000 TSS	0.50258333	0.273	0.66
Geographic Sampling	-	50-500km	4000 ROC	0.87133333	0.814	0.935
Geographic Sampling	-	50-500km	4000 TSS	0.50591667	0.34	0.683
Geographic Sampling	-	50-150 km	10000 ROC	0.81025	0.681	0.91
Geographic Sampling	-	50-150 km	10000 TSS	0.34691667	0.118	0.594
Geographic Sampling	-	50-300 km	10000 ROC	0.84383333	0.757	0.914
Geographic Sampling	-	50-300 km	10000 TSS	0.41708333	0.175	0.655
Geographic Sampling	-	50-500km	10000 ROC	0.85983333	0.781	0.931
Geographic Sampling	-	50-500km	10000 TSS	0.43666667	0.196	0.66