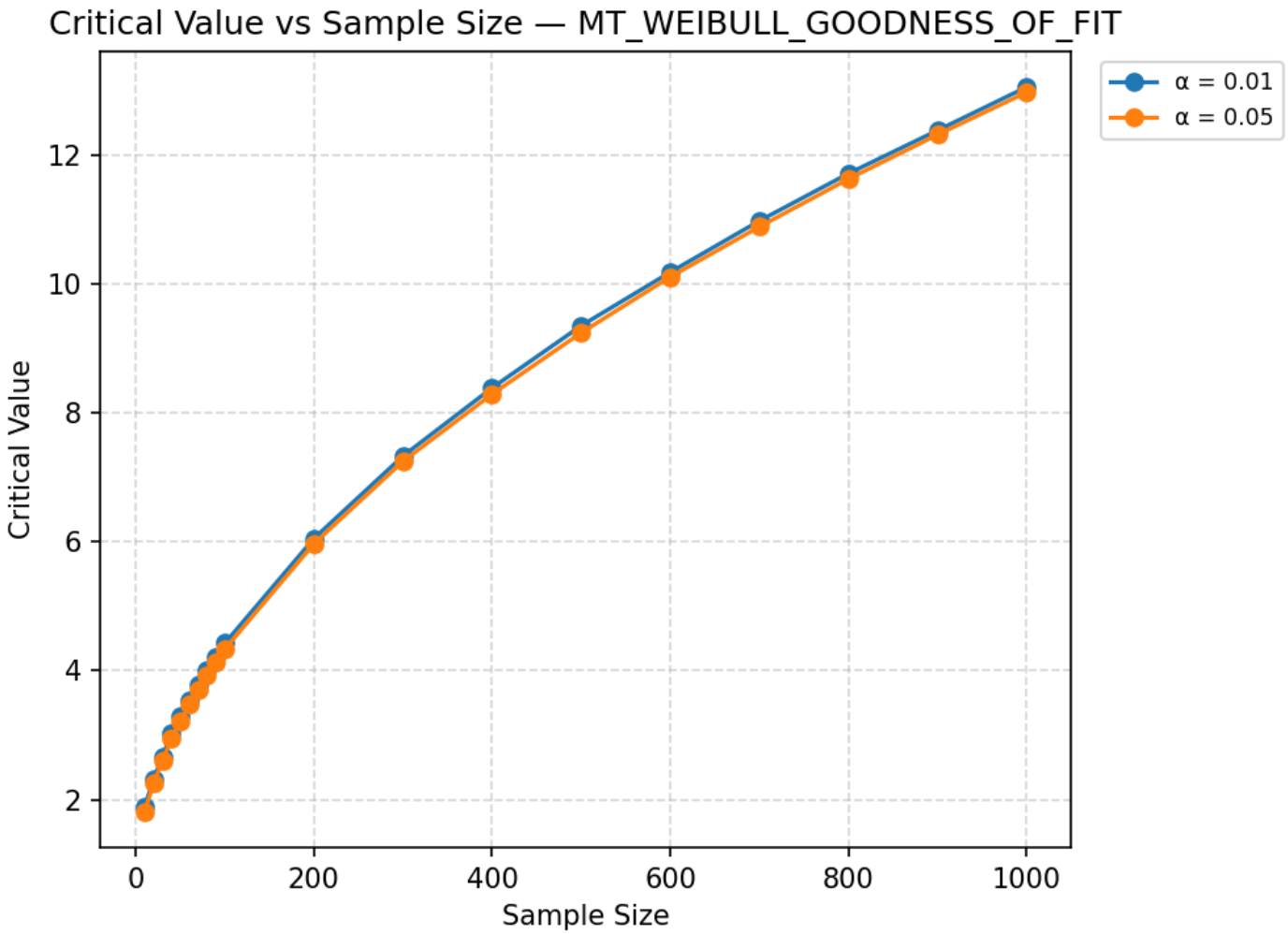
Critical Values Report **2025-07-27**

Criterion: MT_WEIBULL_GOODNESS_OF_FIT

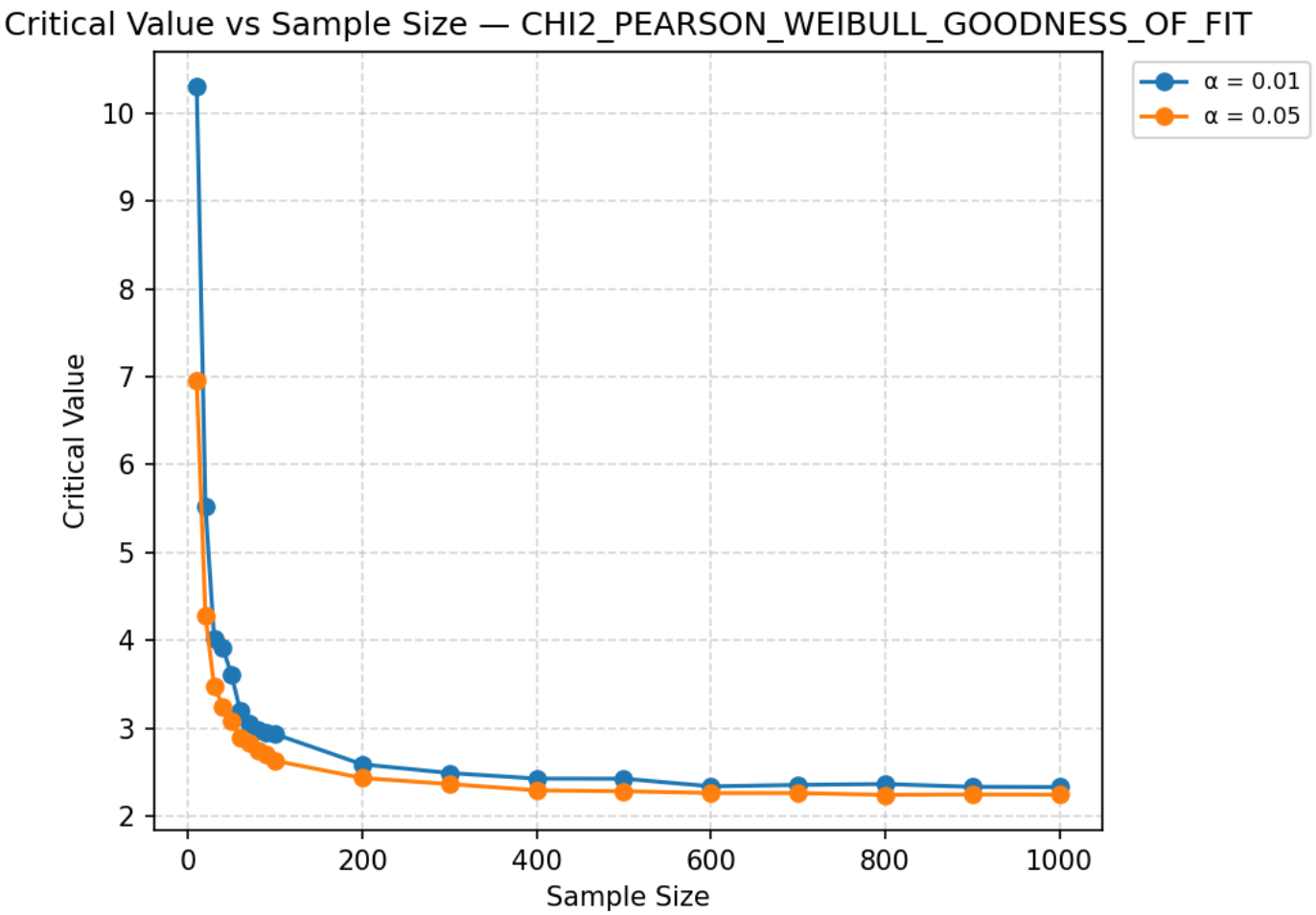
Size	α **= 0.01**	α **= 0.05**
10	1.894	1.817
20	2.312	2.252
30	2.669	2.602
40	3.028	2.949
50	3.301	3.221
60	3.544	3.469
70	3.778	3.704
80	4.015	3.926
90	4.214	4.136
100	4.427	4.336
200	6.052	5.971
300	7.332	7.249
400	8.389	8.292
500	9.353	9.244
600	10.184	10.110
700	10.980	10.889
800	11.715	11.630
900	12.384	12.317
1000	13.057	12.975



Criterion: CHI2_PEARSON_WEIBULL_GOODNESS_OF_FIT

Size	**α = 0.01**	**α = 0.05**
10	10.302	6.952
20	5.527	4.280
30	4.020	3.479
40	3.915	3.250
50	3.603	3.082
60	3.197	2.890
70	3.059	2.834
80	2.978	2.749
90	2.960	2.705
100	2.934	2.632
200	2.591	2.435
300	2.492	2.367
400	2.428	2.295
500	2.427	2.284

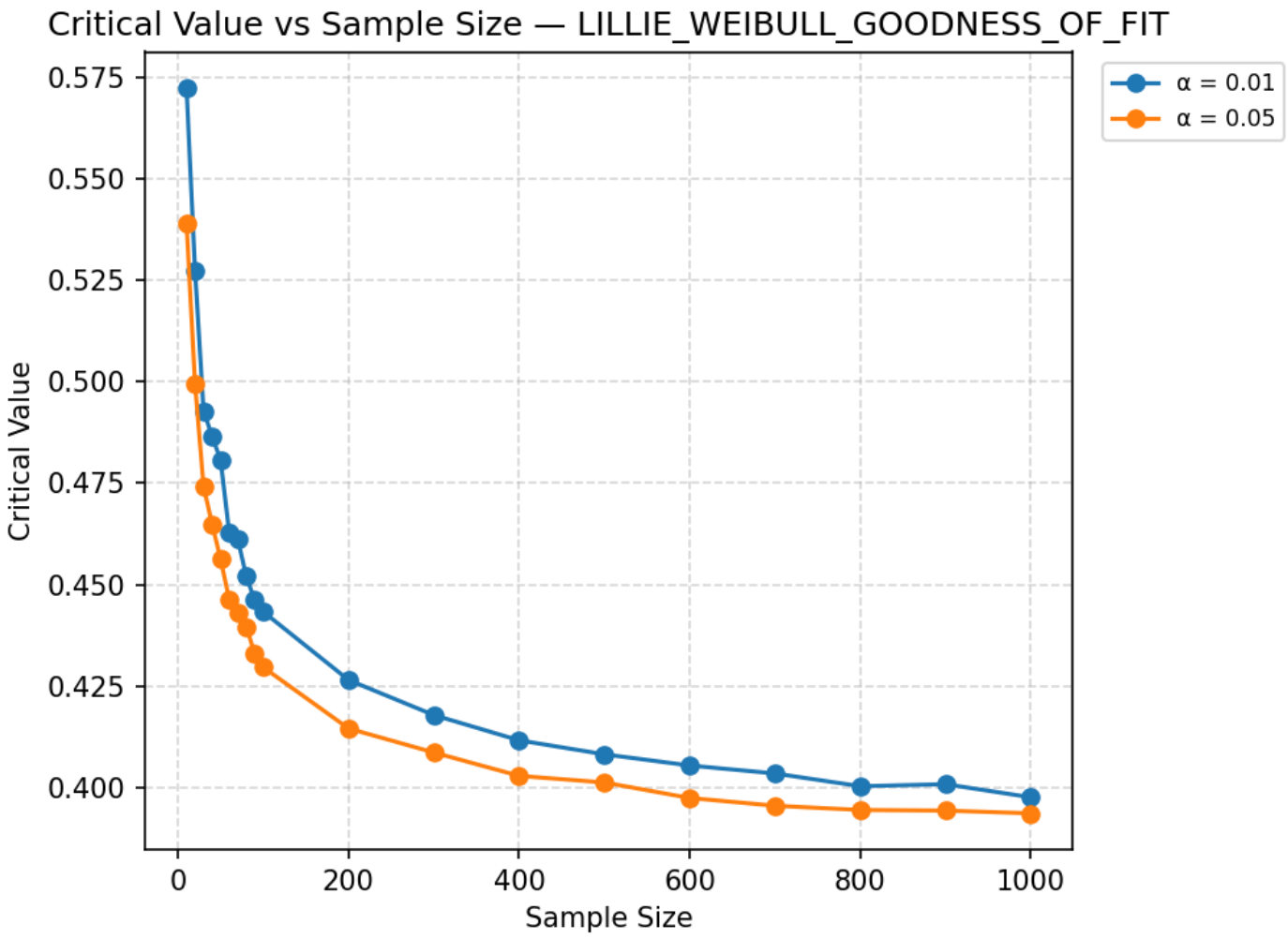
600	2.341	2.264
700	2.357	2.264
800	2.366	2.244
900	2.335	2.248
1000	2.332	2.246



Criterion: LILLIE_WEIBULL_GOODNESS_OF_FIT

Size	**α = 0.01**	**α = 0.05**
10	0.572	0.539
20	0.527	0.499
30	0.493	0.474
40	0.487	0.465
50	0.481	0.456
60	0.463	0.446
70	0.461	0.443
80	0.452	0.440

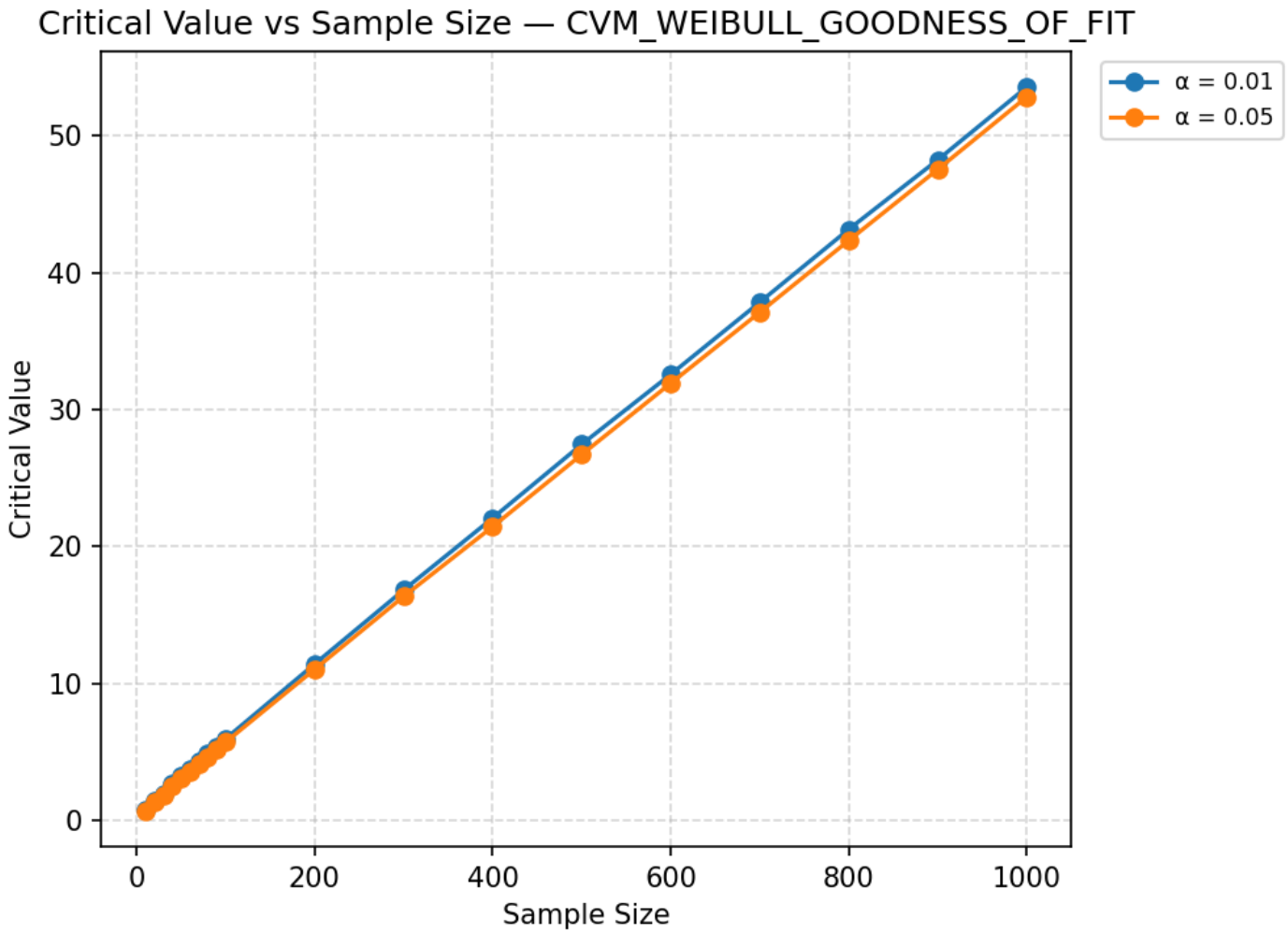
90	0.446	0.433
100	0.443	0.430
200	0.426	0.415
300	0.418	0.409
400	0.412	0.403
500	0.408	0.401
600	0.405	0.397
700	0.403	0.395
800	0.400	0.394
900	0.401	0.394
1000	0.398	0.394



Criterion: CVM_WEIBULL_GOODNESS_OF_FIT

Size	**α = 0.01**	**α = 0.05**
10	0.819	0.736
20	1.421	1.337

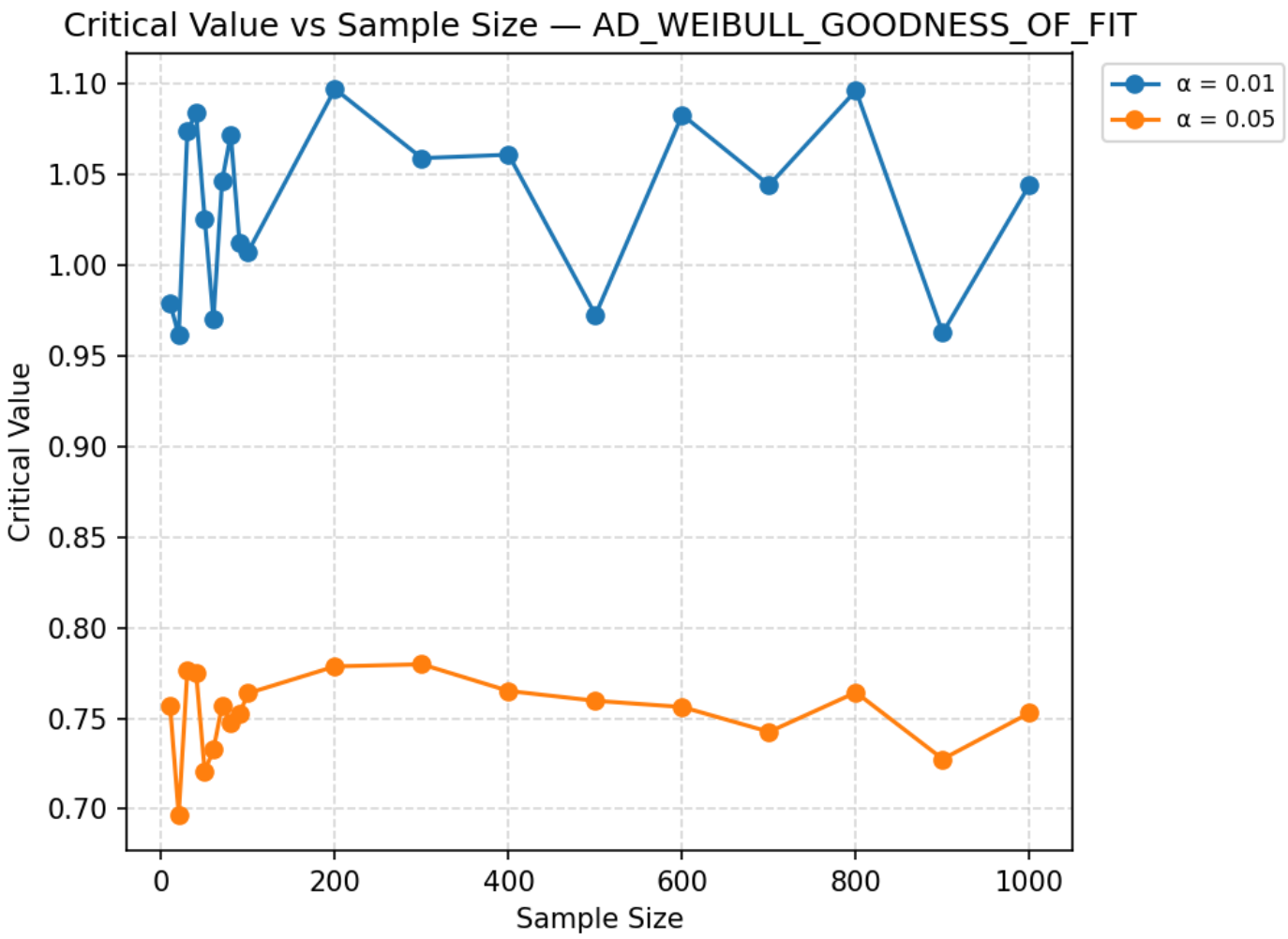
30	1.981	1.887
40	2.677	2.488
50	3.243	3.051
60	3.776	3.563
70	4.323	4.120
80	4.879	4.620
90	5.385	5.175
100	5.977	5.727
200	11.435	11.047
300	16.839	16.369
400	22.096	21.469
500	27.478	26.732
600	32.589	31.939
700	37.858	37.121
800	43.188	42.370
900	48.261	47.563
1000	53.579	52.857



Criterion: AD_WEIBULL_GOODNESS_OF_FIT

Size	**α = 0.01**	**α = 0.05**
10	0.979	0.757
20	0.961	0.697
30	1.074	0.776
40	1.084	0.775
50	1.025	0.721
60	0.970	0.733
70	1.047	0.757
80	1.072	0.748
90	1.013	0.753
100	1.007	0.764
200	1.097	0.779
300	1.059	0.780
400	1.061	0.765
500	0.973	0.760

600	1.083	0.756
700	1.044	0.743
800	1.096	0.764
900	0.963	0.728
1000	1.044	0.753



Criterion: KS_WEIBULL_GOODNESS_OF_FIT

Size	α **= 0.01**	α **= 0.05**
10	0.477	0.413
20	0.352	0.289
30	0.289	0.232
40	0.251	0.216
50	0.218	0.187
60	0.196	0.171
70	0.192	0.161
80	0.180	0.149

90	0.162	0.141
100	0.160	0.131
200	0.111	0.094
300	0.095	0.080
400	0.080	0.067
500	0.075	0.061
600	0.069	0.056
700	0.059	0.051
800	0.061	0.049
900	0.055	0.044
1000	0.051	0.043