

The central limit theorem

- 0 Report The central limit theorem
- 1 DataGrid Columns:5 Rows:1000
- 2 Random Generator:Uniform 0 U1 Par1:0 Par2:1 Seed:
- 3 Random Generator:Uniform 1 U2 Par1:0 Par2:1 Seed:
- 4 Histogram Column:0 range: 0 - 1 intervals: 0.1 right open
- 5 Compute: $V0 = V0 + V1$
- 6 Compute: $V2 = V0 / 2$
- 7 Histogram Column:2 range: 0 - 1 intervals: 0.1 right open
- 8 Random Generator:Uniform 1 U3 Par1:0 Par2:1 Seed:
- 9 Compute: $V0 = V0 + V1$
- 10 Compute: $V2 = V0 / 3$
- 11 Histogram Column:2 range: 0 - 1 intervals: 0.1 right open
- 12 Random Generator:Uniform 1 U4 Par1:0 Par2:1 Seed:
- 13 Compute: $V0 = V0 + V1$
- 14 Compute: $V2 = V0 / 4$
- 15 Histogram Column:2 range: 0 - 1 intervals: 0.1 right open
- 16 Random Generator:Uniform 1 U5 Par1:0 Par2:1 Seed:
- 17 Compute: $V0 = V0 + V1$
- 18 Compute: $V2 = V0 / 5$
- 19 Histogram Column:2 range: 0 - 1 intervals: 0.1 right open
- 20 Random Generator:Uniform 1 U6 Par1:0 Par2:1 Seed:
- 21 Compute: $V0 = V0 + V1$
- 22 Compute: $V2 = V0 / 6$
- 23 Histogram Column:2 range: 0 - 1 intervals: 0.1 right open

Column: 0 U1

Minimum: 8.0E-4

Maximum: 0.99925

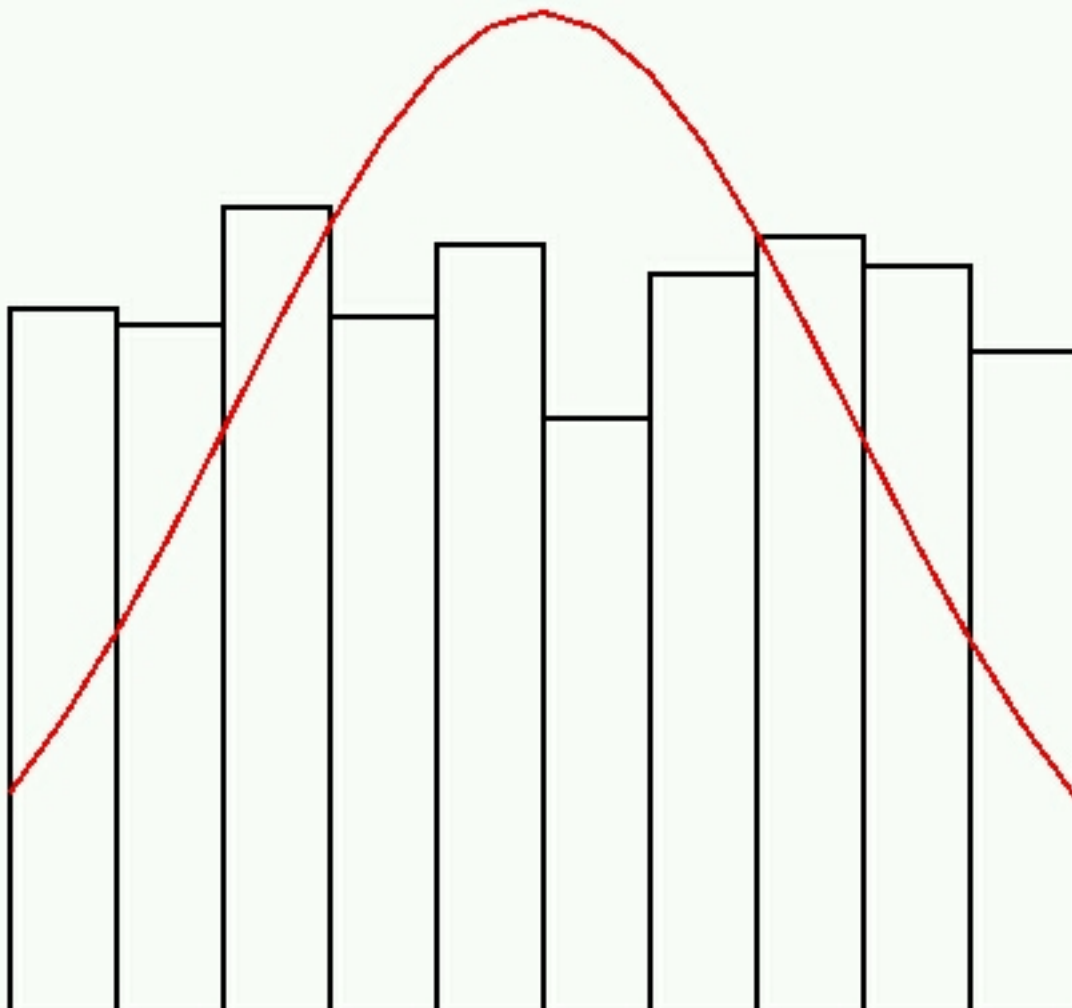
Mean: 0.49782

Median: 0.48974

Standard dev.: 0.28646

Number of values: 1000

Classes	Bounds	frequencies		cumulative frequencies	
0	0.0 <=	0	0.0	0	0.0
1	0.1 <=	98	0.098	98	0.098
2	0.2 <=	96	0.096	194	0.194
3	0.3 <=	112	0.112	306	0.306
4	0.4 <=	97	0.097	403	0.403
5	0.5 <=	107	0.107	510	0.51
6	0.6 <=	83	0.083	593	0.593
7	0.7 <=	103	0.103	696	0.696
8	0.8 <=	108	0.108	804	0.804
9	0.9 <=	104	0.104	908	0.908
10	1.0 <=	92	0.092	1000	1.0



Column: 2 Compute: $V2 = V0 / 2$

Minimum: 0.01141

Maximum: 0.96345

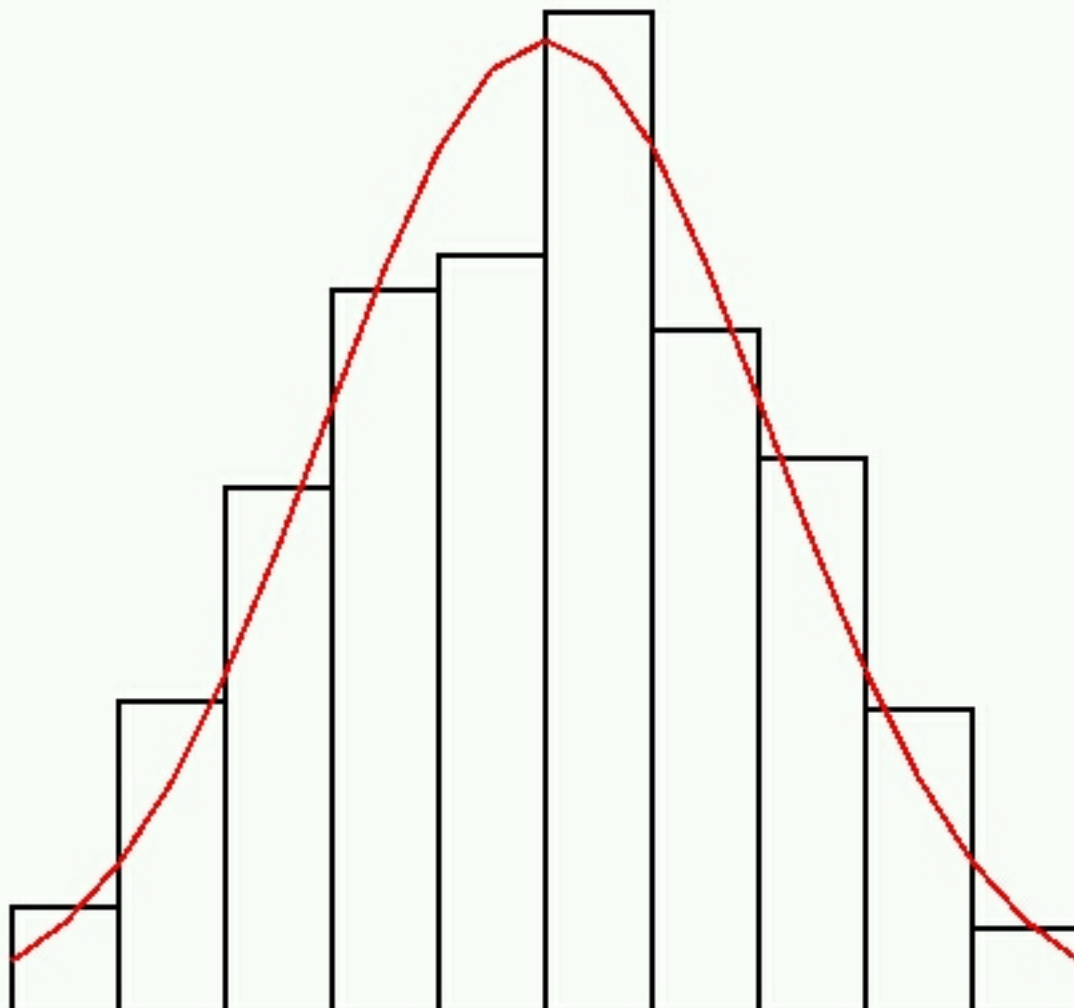
Mean: 0.5009

Median: 0.51118

Standard dev.: 0.20728

Number of values: 1000

Classes	Bounds	frequencies		cumulative frequencies	
0	0.0 <=	0	0.0	0	0.0
1	0.1 <=	21	0.021	21	0.021
2	0.2 <=	62	0.062	83	0.083
3	0.3 <=	104	0.104	187	0.187
4	0.4 <=	143	0.143	330	0.33
5	0.5 <=	150	0.15	480	0.48
6	0.6 <=	198	0.198	678	0.678
7	0.7 <=	135	0.135	813	0.813
8	0.8 <=	110	0.11	923	0.923
9	0.9 <=	60	0.06	983	0.983
10	1.0 <=	17	0.017	1000	1.0



Column: 2 Compute: $V2 = V0 / 3$

Minimum: 0.04407

Maximum: 0.96679

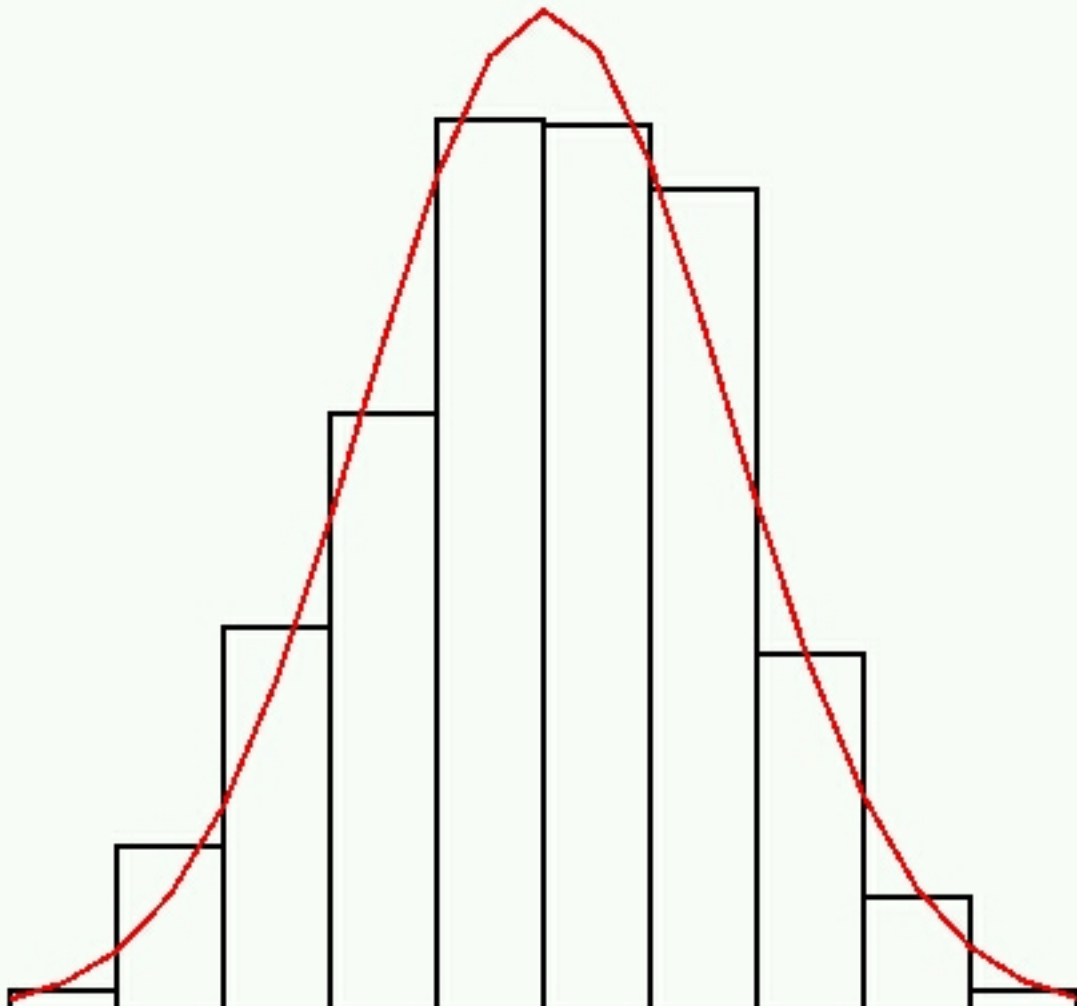
Mean: 0.50239

Median: 0.51004

Standard dev.: 0.16992

Number of values: 1000

Classes	Bounds	frequencies		cumulative frequencies	
0	0.0 <=	0	0.0	0	0.0
1	0.1 <=	5	0.005	5	0.005
2	0.2 <=	39	0.039	44	0.044
3	0.3 <=	90	0.09	134	0.134
4	0.4 <=	140	0.14	274	0.274
5	0.5 <=	209	0.209	483	0.483
6	0.6 <=	208	0.208	691	0.691
7	0.7 <=	193	0.193	884	0.884
8	0.8 <=	84	0.084	968	0.968
9	0.9 <=	27	0.027	995	0.995
10	1.0 <=	5	0.005	1000	1.0



Column: 2 Compute: $V2 = V0 / 4$

Minimum: 0.07908

Maximum: 0.92715

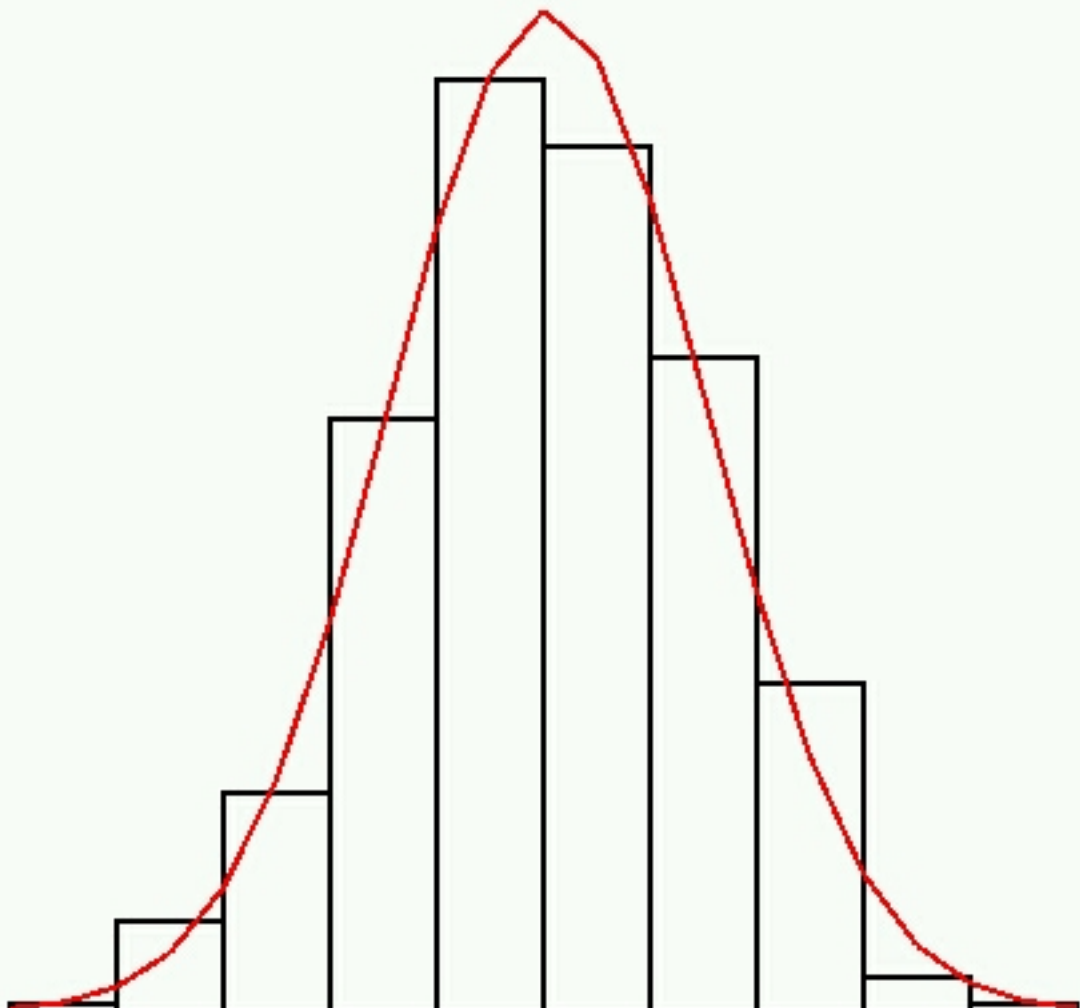
Mean: 0.50396

Median: 0.50261

Standard dev.: 0.14871

Number of values: 1000

Classes	Bounds	frequencies		cumulative frequencies	
0	0.0 <=	0	0.0	0	0.0
1	0.1 <=	2	0.002	2	0.002
2	0.2 <=	24	0.024	26	0.026
3	0.3 <=	59	0.059	85	0.085
4	0.4 <=	159	0.159	244	0.244
5	0.5 <=	250	0.25	494	0.494
6	0.6 <=	232	0.232	726	0.726
7	0.7 <=	175	0.175	901	0.901
8	0.8 <=	88	0.088	989	0.989
9	0.9 <=	9	0.009	998	0.998
10	1.0 <=	2	0.002	1000	1.0



Column: 2 Compute: $V2 = V0 / 5$

Minimum: 0.15905

Maximum: 0.8554

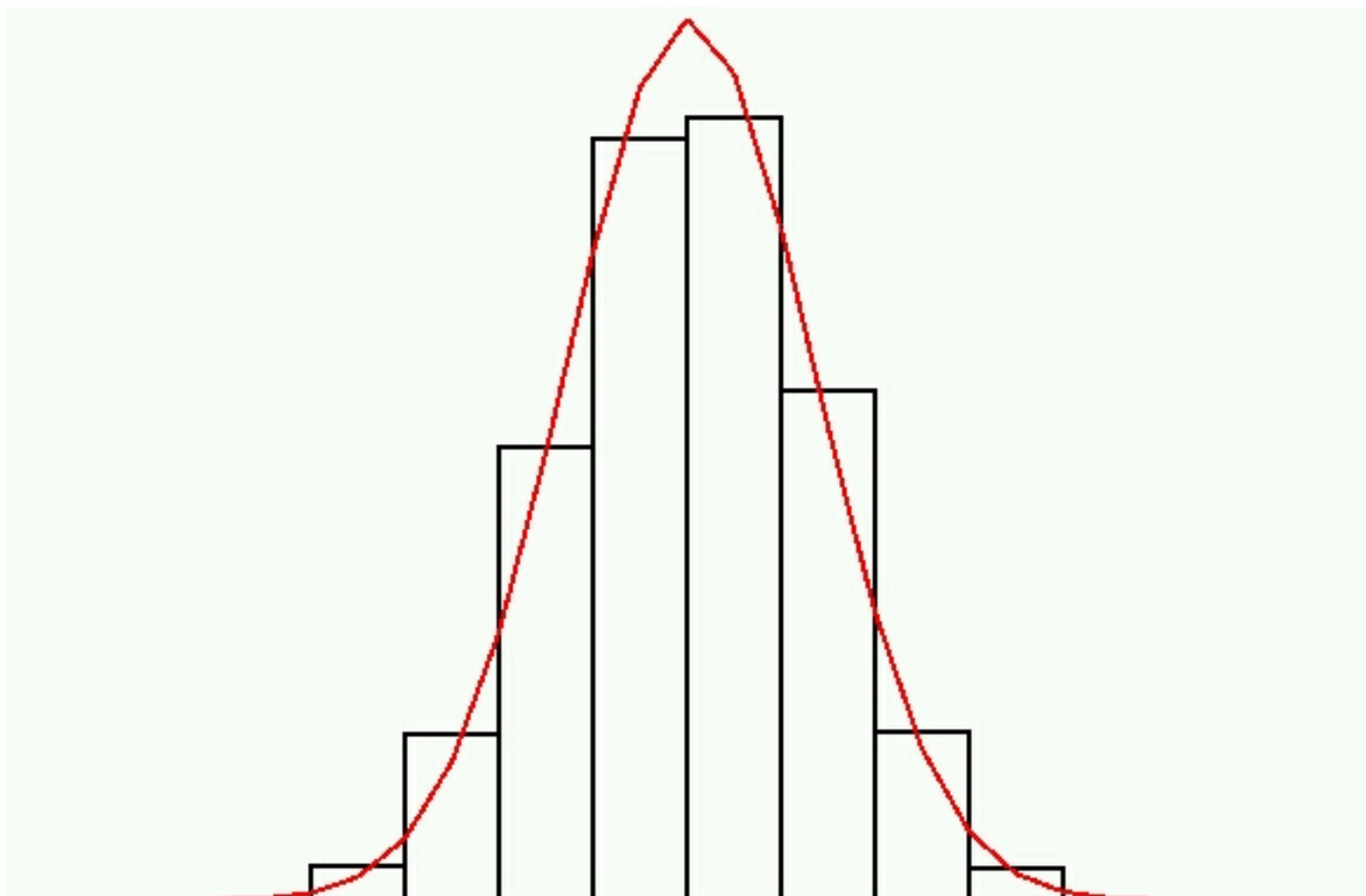
Mean: 0.50326

Median: 0.50573

Standard dev.: 0.13173

Number of values: 1000

Classes	Bounds	frequencies		cumulative frequencies	
0	0.0 <=	0	0.0	0	0.0
1	0.1 <=	0	0.0	0	0.0
2	0.2 <=	12	0.012	12	0.012
3	0.3 <=	57	0.057	69	0.069
4	0.4 <=	156	0.156	225	0.225
5	0.5 <=	262	0.262	487	0.487
6	0.6 <=	269	0.269	756	0.756
7	0.7 <=	175	0.175	931	0.931
8	0.8 <=	58	0.058	989	0.989
9	0.9 <=	11	0.011	1000	1.0
10	1.0 <=	0	0.0	1000	1.0



Column: 2 Compute: $V2 = V0 / 6$

Minimum: 0.16004

Maximum: 0.8764

Mean: 0.50343

Median: 0.50505

Standard dev.: 0.12428

Number of values: 1000

Classes	Bounds	frequencies		cumulative frequencies	
0	0.0 <=	0	0.0	0	0.0
1	0.1 <=	0	0.0	0	0.0
2	0.2 <=	5	0.005	5	0.005
3	0.3 <=	49	0.049	54	0.054
4	0.4 <=	154	0.154	208	0.208
5	0.5 <=	272	0.272	480	0.48
6	0.6 <=	292	0.292	772	0.772
7	0.7 <=	170	0.17	942	0.942
8	0.8 <=	54	0.054	996	0.996
9	0.9 <=	4	0.004	1000	1.0
10	1.0 <=	0	0.0	1000	1.0

