0.0777862 <= -log10(Probability) < 0.462229
0.462229 <= -log10(Probability) < 0.846672
0.846672 <= -log10(Probability) < 1.23111
1.23111 <= -log10(Probability) < 1.61556
1.61556 <= -log10(Probability) <= 2
partition.pfs