0.147157 <= -log10(Probability) < 0.517726
0.517726 <= -log10(Probability) < 0.888294
0.888294 <= -log10(Probability) < 1.25886
1.25886 <= -log10(Probability) < 1.62943
1.62943 <= -log10(Probability) <= 2
partition.pfs