0.144562 <= -log10(Probability) < 0.515649
0.515649 <= -log10(Probability) < 0.886737
0.886737 <= -log10(Probability) < 1.25782
1.25782 <= -log10(Probability) < 1.62891
1.62891 <= -log10(Probability) <= 2
partition.pfs