0.126662 <= -log10(Probability) < 0.501329
0.501329 <= -log10(Probability) < 0.875997
0.875997 <= -log10(Probability) < 1.25066
1.25066 <= -log10(Probability) < 1.62533
1.62533 <= -log10(Probability) <= 2
partition.pfs