0.121418 <= -log10(Probability) < 0.497134
0.497134 <= -log10(Probability) < 0.872851
0.872851 <= -log10(Probability) < 1.24857
1.24857 <= -log10(Probability) < 1.62428
1.62428 <= -log10(Probability) <= 2
partition.pfs