0.219458 <= -log10(Probability) < 0.575566
0.575566 <= -log10(Probability) < 0.931675
0.931675 <= -log10(Probability) < 1.28778
1.28778 <= -log10(Probability) < 1.64389
1.64389 <= -log10(Probability) <= 2
partition.pfs