0.12751 <= -log10(Probability) < 0.502008
0.502008 <= -log10(Probability) < 0.876506
0.876506 <= -log10(Probability) < 1.251
1.251 <= -log10(Probability) < 1.6255
1.6255 <= -log10(Probability) <= 2
partition.pfs