0.127501 <= -log10(Probability) < 0.502001
0.502001 <= -log10(Probability) < 0.8765
0.8765 <= -log10(Probability) < 1.251
1.251 <= -log10(Probability) < 1.6255
1.6255 <= -log10(Probability) <= 2
partition.pfs