0.215025 <= -log10(Probability) < 0.57202
0.57202 <= -log10(Probability) < 0.929015
0.929015 <= -log10(Probability) < 1.28601
1.28601 <= -log10(Probability) < 1.643
1.643 <= -log10(Probability) <= 2
partition.pfs