0.0341706 <= -log10(Probability) < 0.427336
0.427336 <= -log10(Probability) < 0.820502
0.820502 <= -log10(Probability) < 1.21367
1.21367 <= -log10(Probability) < 1.60683
1.60683 <= -log10(Probability) <= 2
partition.pfs