0.10274 <= -log10(Probability) < 0.482192
0.482192 <= -log10(Probability) < 0.861644
0.861644 <= -log10(Probability) < 1.2411
1.2411 <= -log10(Probability) < 1.62055
1.62055 <= -log10(Probability) <= 2
partition.pfs