0.116942 <= -log10(Probability) < 0.493553
0.493553 <= -log10(Probability) < 0.870165
0.870165 <= -log10(Probability) < 1.24678
1.24678 <= -log10(Probability) < 1.62339
1.62339 <= -log10(Probability) <= 2
partition.pfs