0.125545 <= -log10(Probability) < 0.500436
0.500436 <= -log10(Probability) < 0.875327
0.875327 <= -log10(Probability) < 1.25022
1.25022 <= -log10(Probability) < 1.62511
1.62511 <= -log10(Probability) <= 2
partition.pfs