0.272819 <= -log10(Probability) < 0.618255
0.618255 <= -log10(Probability) < 0.963691
0.963691 <= -log10(Probability) < 1.30913
1.30913 <= -log10(Probability) < 1.65456
1.65456 <= -log10(Probability) <= 2
partition.pfs