Probability distributions for number of points in ambient pointcloud after filtering Normal distribution: location = 677.766826923, scale = 89.4442561445 $Log Normal \ distribution: location = -1852.45428591, \ scale = 2528.6490663, \ shape = 0.0352342883004$ Generalized Extreme Value distribution: location = 641.163526043, scale = 94.3512759792, shape = 0.1535767891521035.5 429.4 496.7 564.1 631.4 698.8 766.1 833.5 900.8 968.2 Pointcloud size