Probability distributions for number of points in ambient pointcloud after filtering

Legend:
- Normal distribution : $location = 425.0$, $scale = 0.0$
- Log Normal distribution : $location = 425.0$, $scale = 1.0$, $shape = 1.0$
- Generalized Extreme Value distribution : $location = 424.066384382$, $scale = 0.966185669033$, $shape = 1.03488593162$

Y-axis: Histogram bin count percentage [0..1] | Probability distribution function value

X-axis: Pointcloud size