Probability distributions for inliers root mean square error (millimeters)

Legend:
- Normal distribution : $location = 11.2896798569$, $scale = 0.822244625277$
- Log Normal distribution : $location = 9.52208000075$, $scale = 1.5948193805$, $shape = 0.455575350037$
- Generalized Extreme Value distribution : $location = 10.8906268319$, $scale = 0.585384530877$, $shape = -0.0968146382904$

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

X-axis: Root mean square error histogram bins (millimeters)