Probability distributions for translation error (millimeters) Normal distribution: location = 2.81743740041, scale = 1.551091431870.04 | 0.40 Log Normal distribution: location = -1.92144070682, scale = 4.49635634021, shape = 0.325714342656Generalized Extreme Value distribution: location = 2.12139501487, scale = 1.27606313132, shape = 0.03742354259650.00 | 0.05 0.00 | 0.00 9.022 0.948 1.845 2.742 3.639 4.536 5.433 6.330 7.228 8.125

Translation error histogram bins (millimeters)