Probability distributions for translation error (millimeters) Normal distribution: location = 2.64212001181, |scale| = 0.463079270058 $Log Normal \ distribution: location = 2.2198020131, \ scale = 0.261649792952, \ shape = 1.01558274937$ Generalized Extreme Value distribution: location = 2.40878106002, scale = 0.1707449659, shape = -0.559221033912.457 2.684 2.910 3.136 3.363 3.589 3.815 4.042 4.268 4.494 Translation error histogram bins (millimeters)