

longpitch1: [0.3493 0.4553 0.8575 1.3536]
longpitch2: [1.9096 2.2865 2.9383 3.4016]
yaw: [0.6519 1.3433 2.3097 2.9810]
transroll1: [0.4802 0.7936 0.8983 2.0413]
transroll2: [2.6977 3.3092 5.0968 20.0025]
vertical: [0.5824 2.3475 3.7738 14.0462]