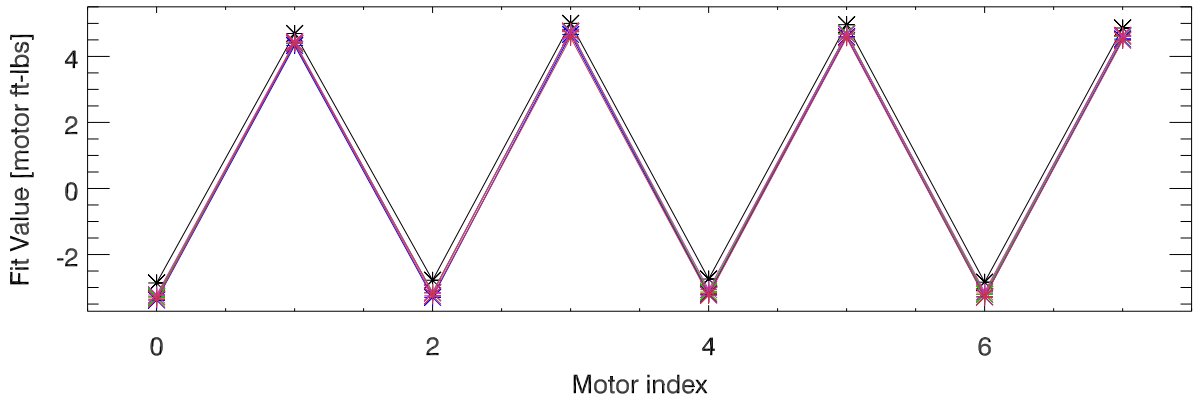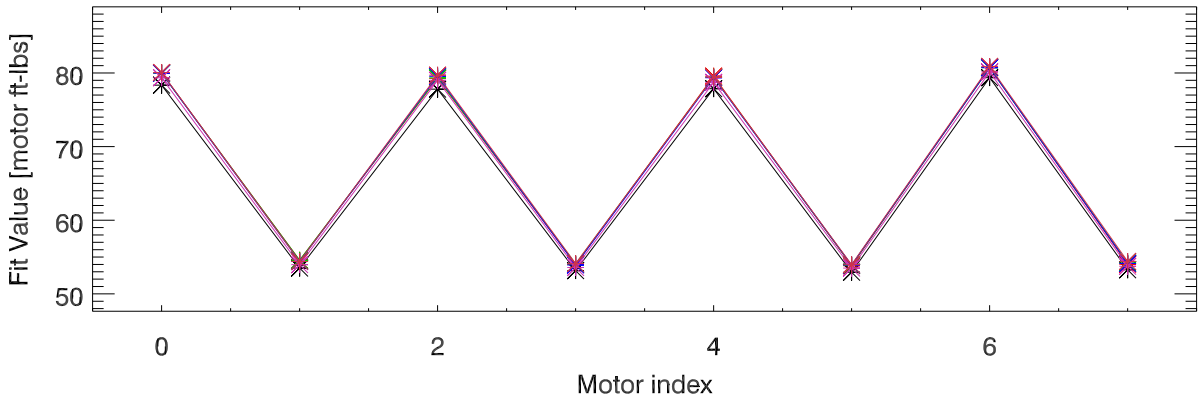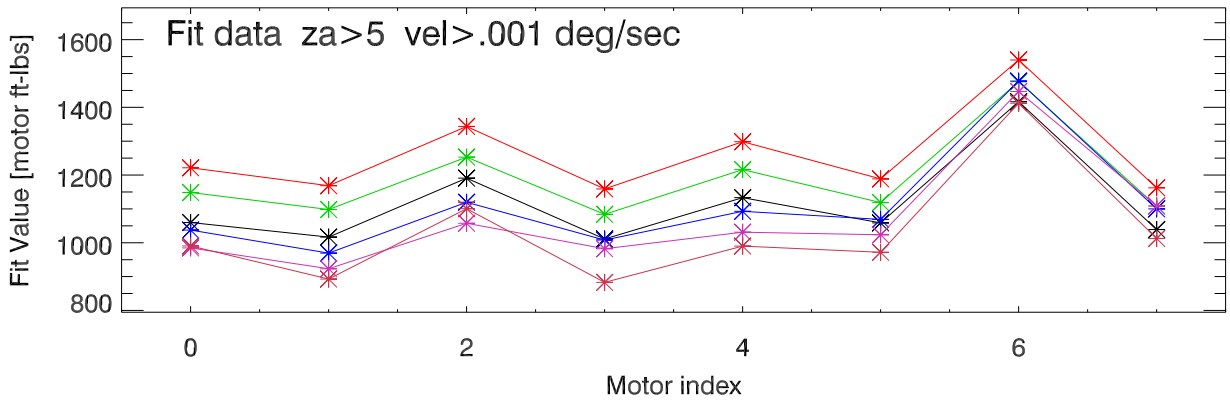Yr2013:GrTorques. Fit:C0 + C1*sinza + C2*vel * C3*accel. (c0:Constant)

x0:m11
x1:m12
x2:m21
x3:m22
x4:m31
x5:m32
x6:m41
x7:m42

Each color a different month
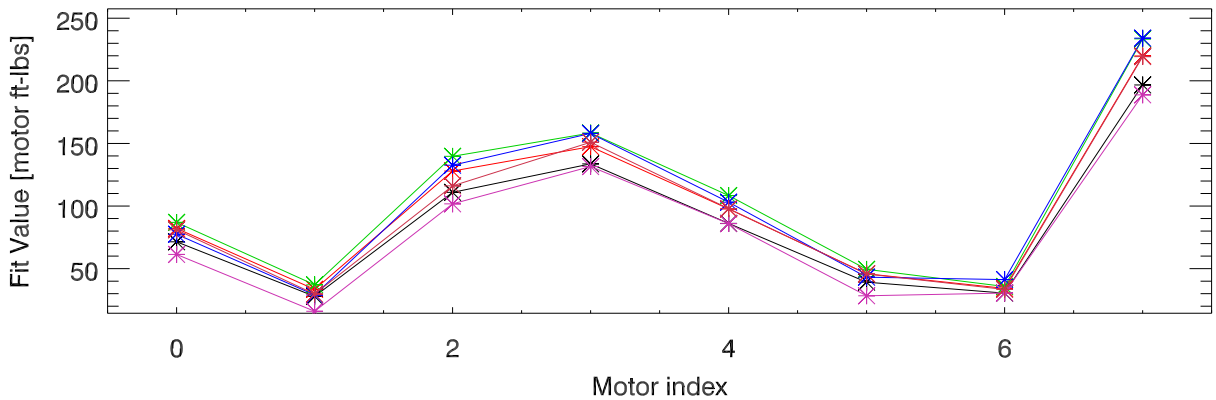
(c1*sinza:Gravity)

(c2*vel (deg/sec):Friction)
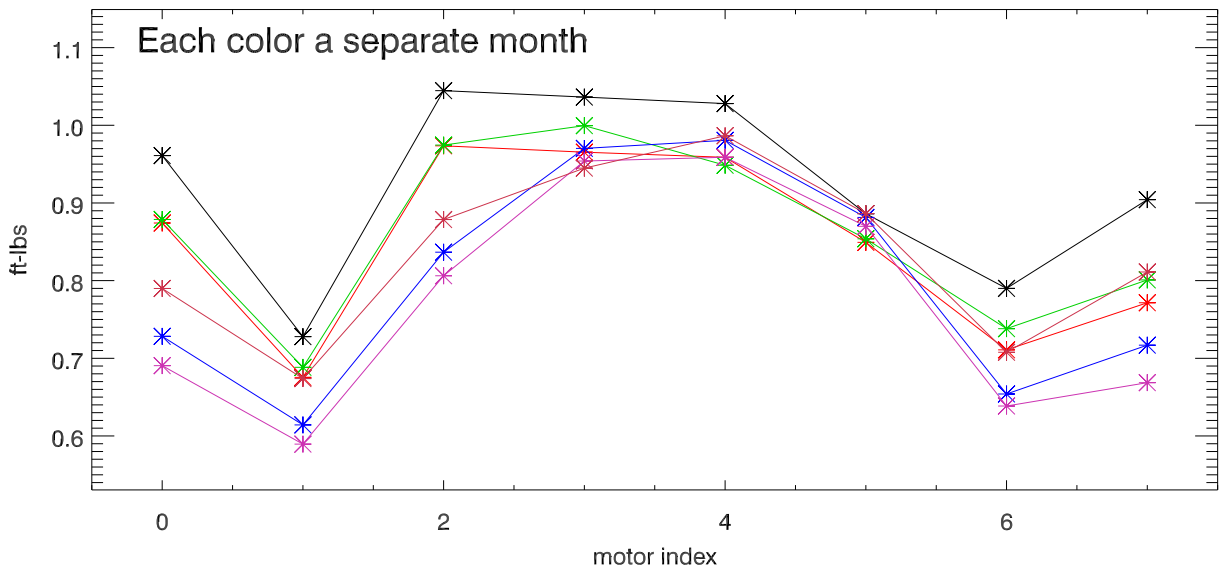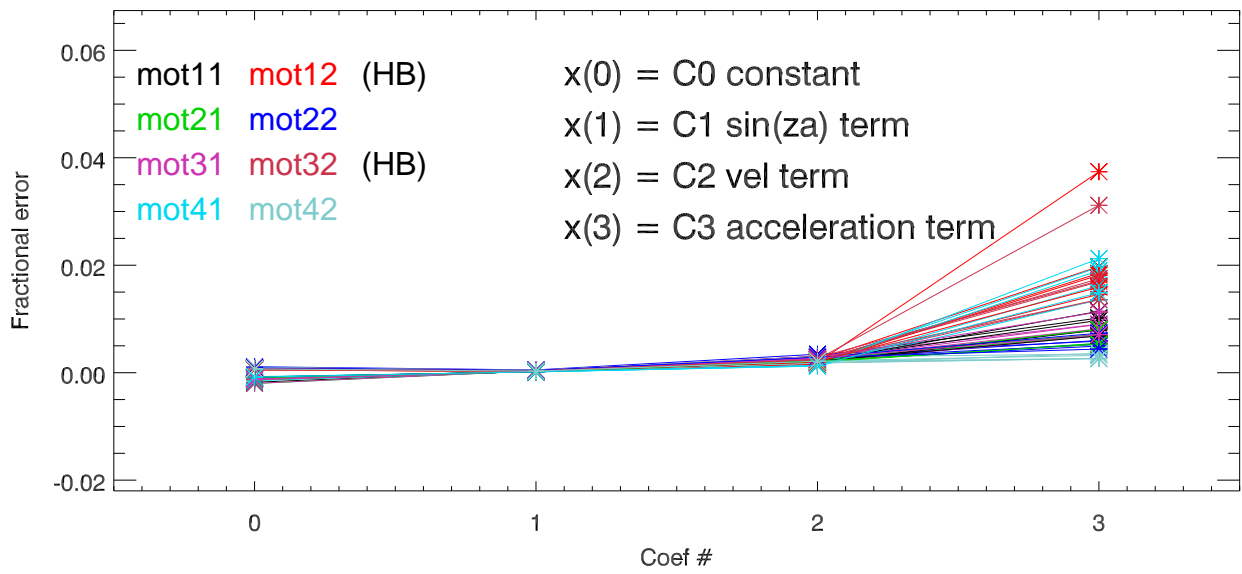
Fit data za>5 vel>.001 deg/sec

(c3*accel(deg/sec^2):Acceleration)

1 sigma errors on fits for each motor

Each color a separate month

Fractional err each coef. Motors colorcoded

mot11 mot12 (HB)
mot21 mot22
mot31 mot32 (HB)
mot41 mot42

x(0) = C0 constant
x(1) = C1 sin(za) term
x(2) = C2 vel term
x(3) = C3 acceleration term

Computed Dome weight by month for Yr2013