JWST Project

Meeting Notes #7 (due 04/26/23)

Instructor: McCleary   *Student: Eddie Berman*

1. Volunteer Assignment
2. Updates
3. PEAK Award =]

Volunteer Assignment
Finished
Chi Square / Project Updates

1. Everything seems to work consistently now!
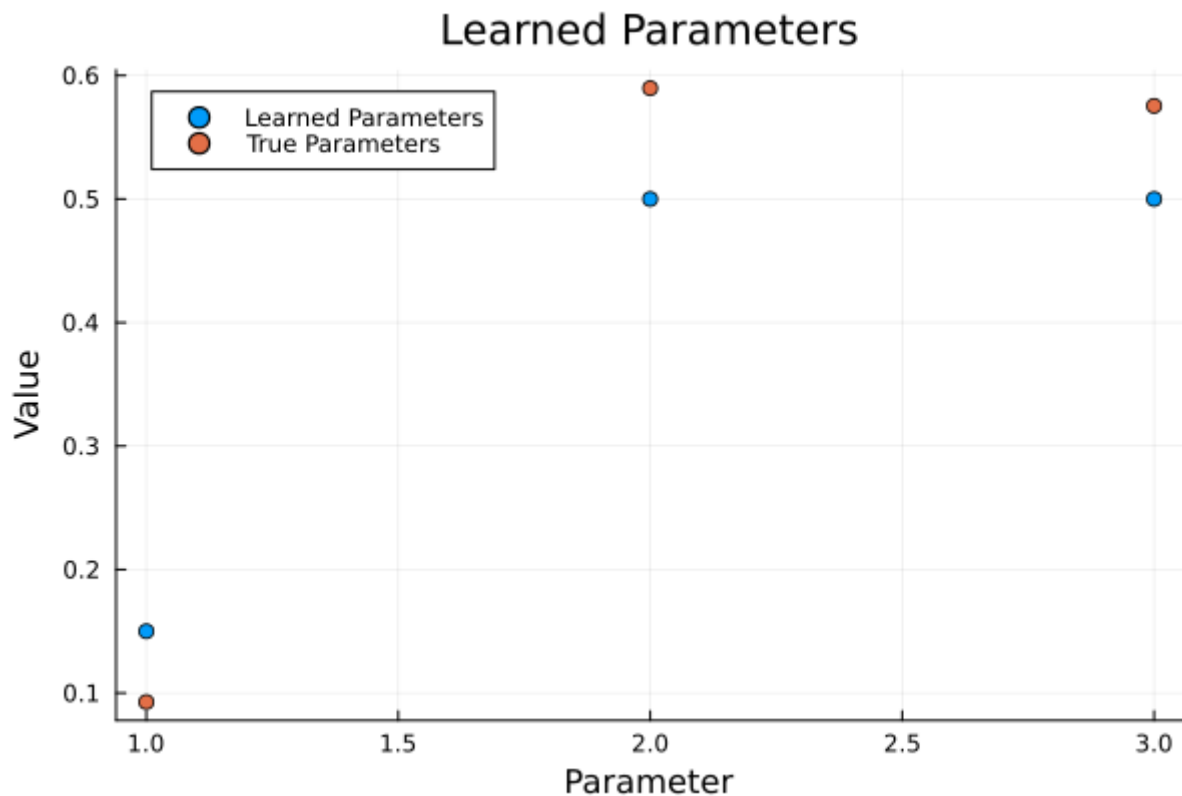2. I would now like to add more analytic profiles

FIGURE 1: Learned Parameters Average

N.B. Legend is backwards

I want to add error bars next

Haven't yet tested, but started implementing a new radial profile (komolgorov)
Finished enforcing constraints, however, I am curious to see how PIFF did this, I still need to dedicate more time into reverse engineering it. Also of note, I used the formula we talked about previously. I learned e_1 and e_2 and used that to determine g_1 and g_2.
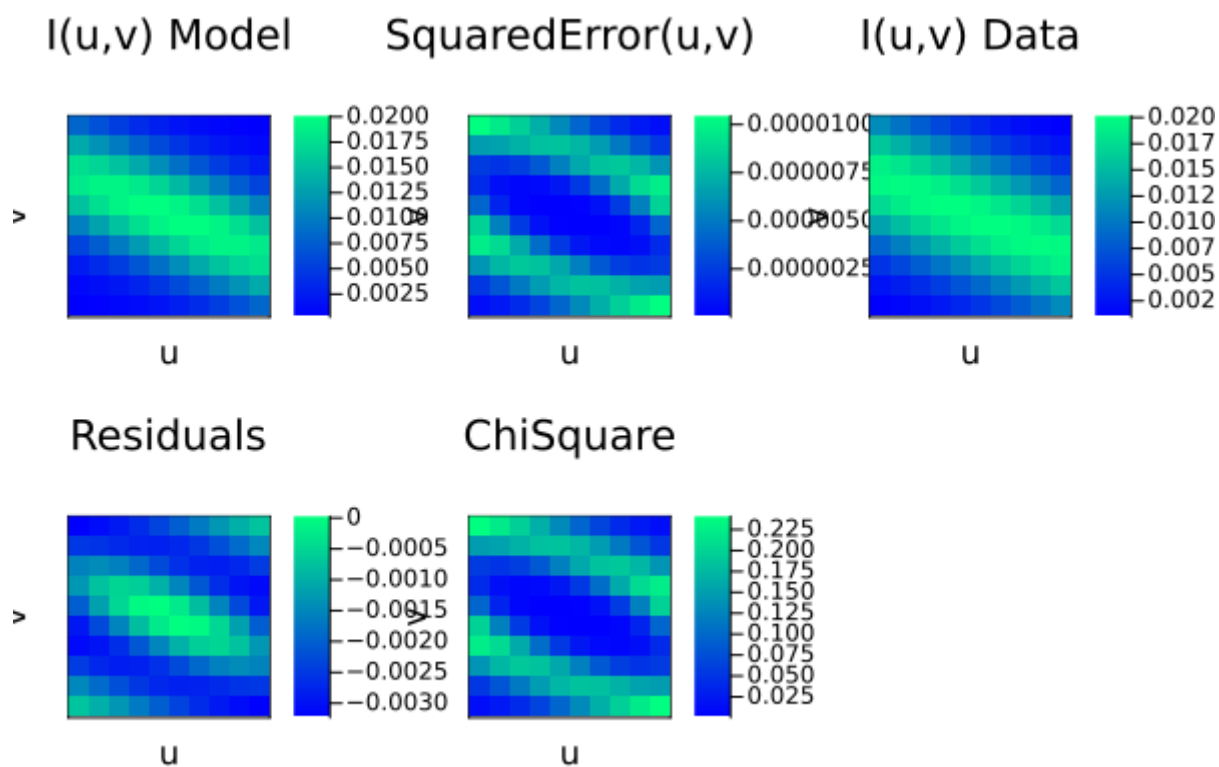
FIGURE 2: Caption

After that is working I will start doing the pixel grid stuff
readME
requirements.txt
sum chi square
pull master diagnostic
dof = values - parameters to learn it
Standardize color bar
Power spectrum
Simultaneous Fits
"