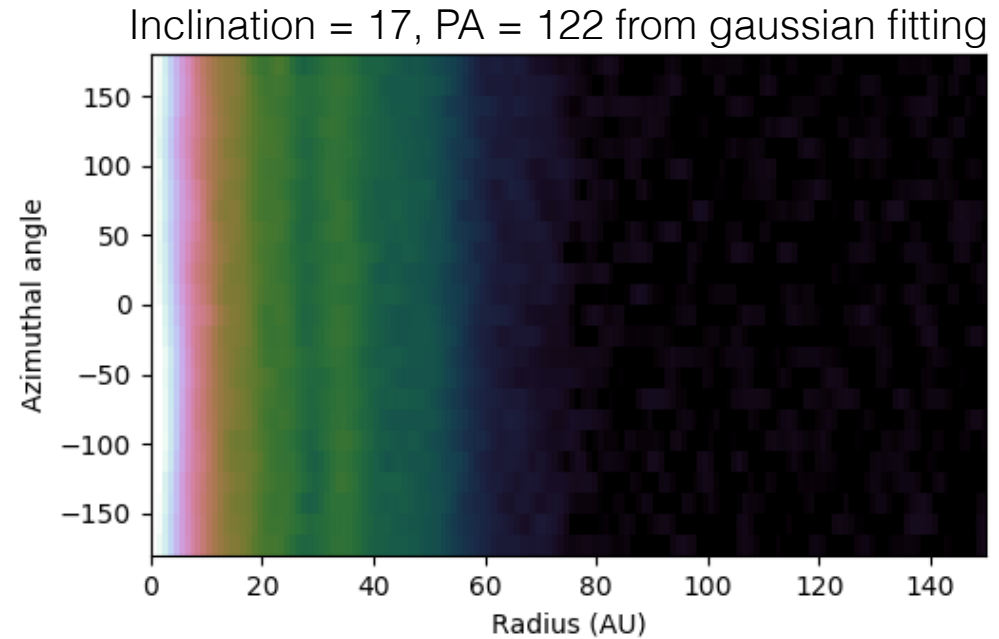
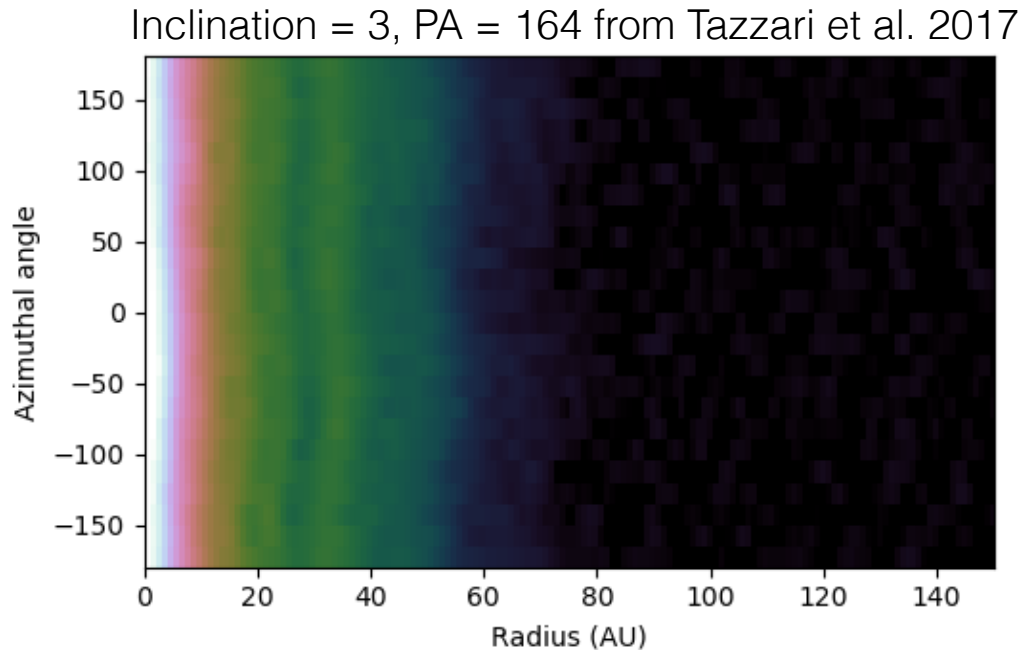


High Angular Resolution ALMA Observations of Rings in Protoplanetary Disks



Measuring disk inclinations and position angles

- Some previous literature measurements appear to be significantly inaccurate
- A robust method for systematically measuring position angle and inclination is needed to generate radial profiles and check for departures from symmetry
- Galaxy surveys such as SDSS use the adaptive second moment method from Bernstein and Jarvis (2002), which is mathematically equivalent to fitting a 2D Gaussian to the image
- Gaussian fitting seems to yield reasonable results, but PSF effects need to be evaluated further