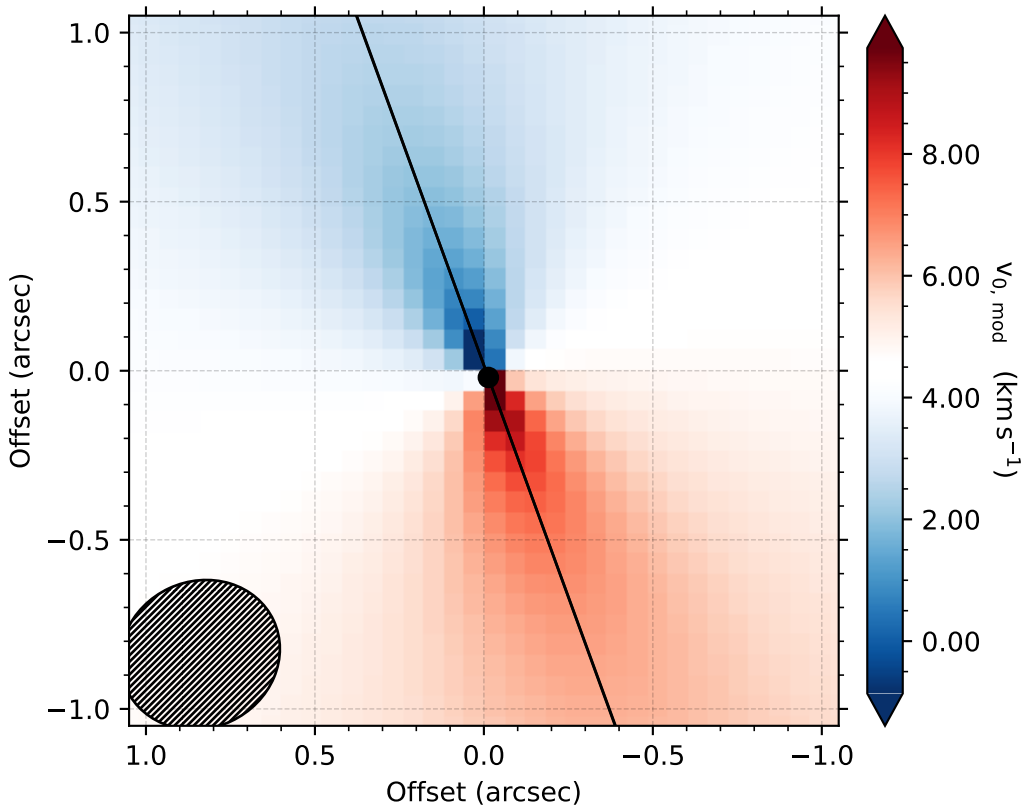
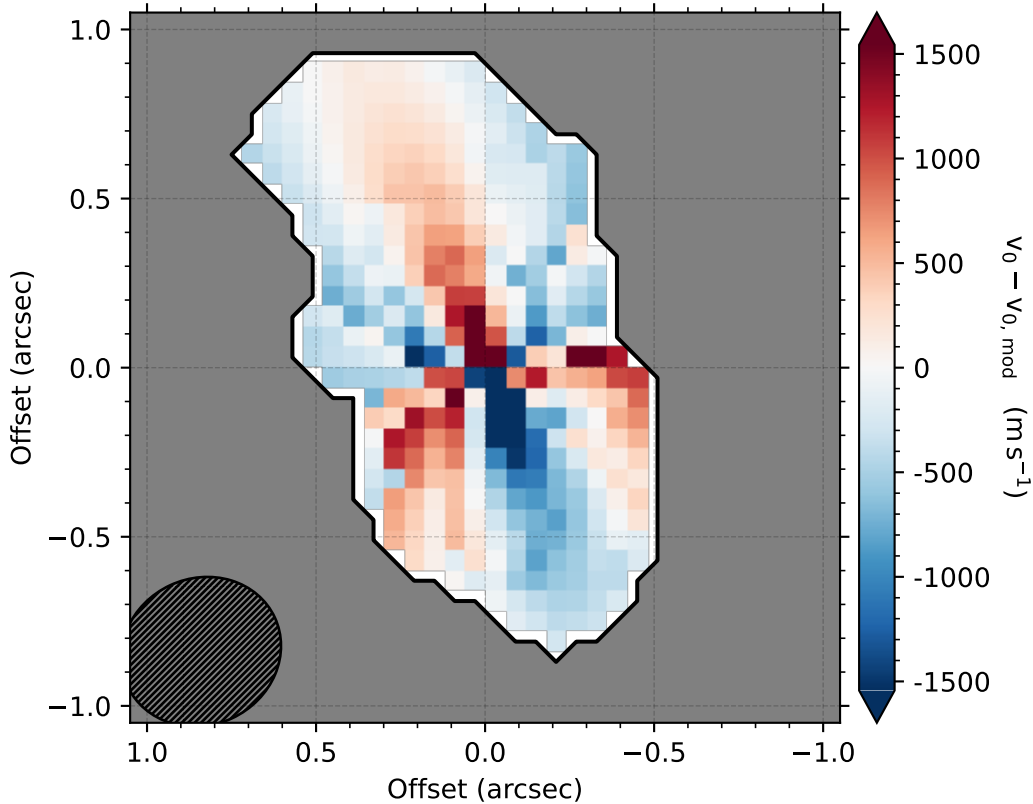
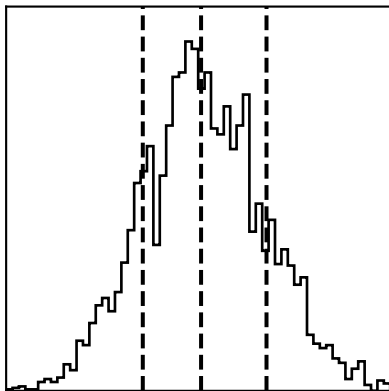


PA: 200.0°

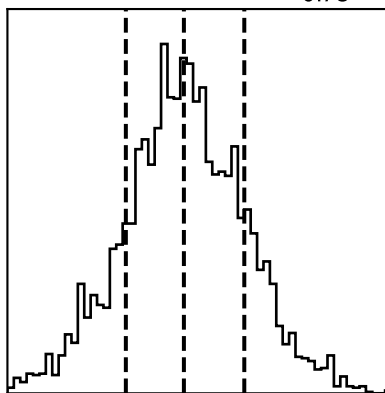




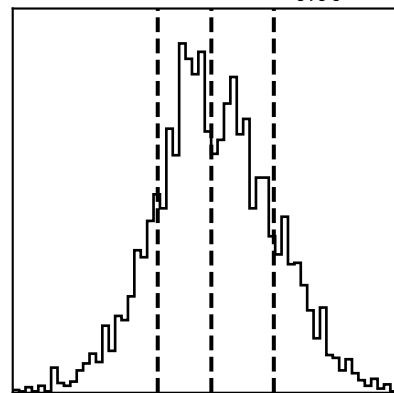
PA = $200.04^{+0.03}_{-0.03}$



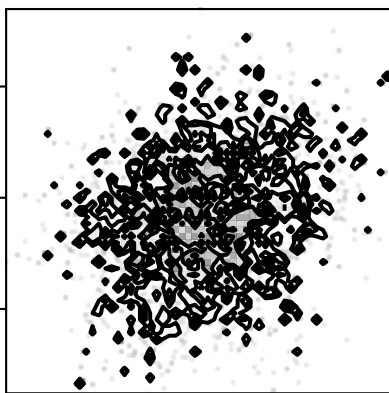
vlsr = $4440.74^{+0.81}_{-0.78}$



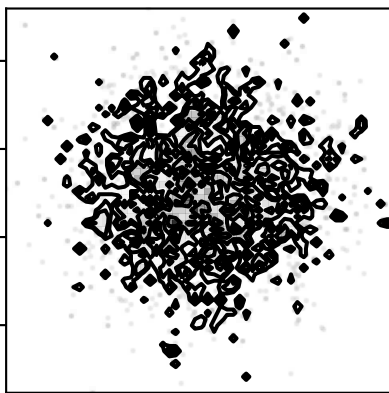
mstar = $0.92^{+0.00}_{-0.00}$



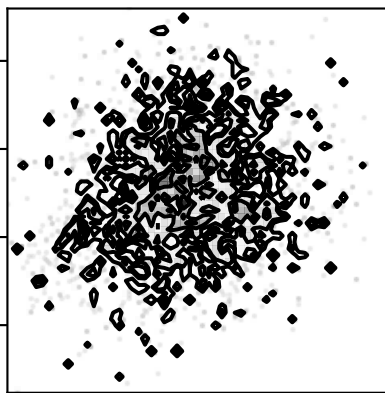
vlsr



mstar



PA



vlsr

mstar

J16124373-3815031, CO



Name: J16124373-3815031

Region: Lupus

File: /Users/calebpainter/Downloads/DECO/fits_files/Lupus/J16124373-3815031_CO_230.538GHz.image.fits

Emmision Line: CO

Channels: (0, 200, 0, 200)

X-pos: 243.182211

Y-pos: -38.250996

X-offset: 0.01

Y-offset: -0.02

Literature PA: 18.863

Eddy PA: 200.04

Literature Mass [M]: 0.47

Eddy Mass [M]: 0.92

DECO Dict vsys [km/s]: 4.36

Eddy vlsr [m/s]: 4.44

Literature Inc: 56.55

Eddy Inc: --

Literature Distance [Mpc]: 159.85

Eddy rmin, rmax ["]: (None, None)

Eddy params (nwalkers, nburn, nsteps): (10, 800, 500)

Velocity Mask: None

Background Velocity Removal: None

Notes: MCMC GOOD