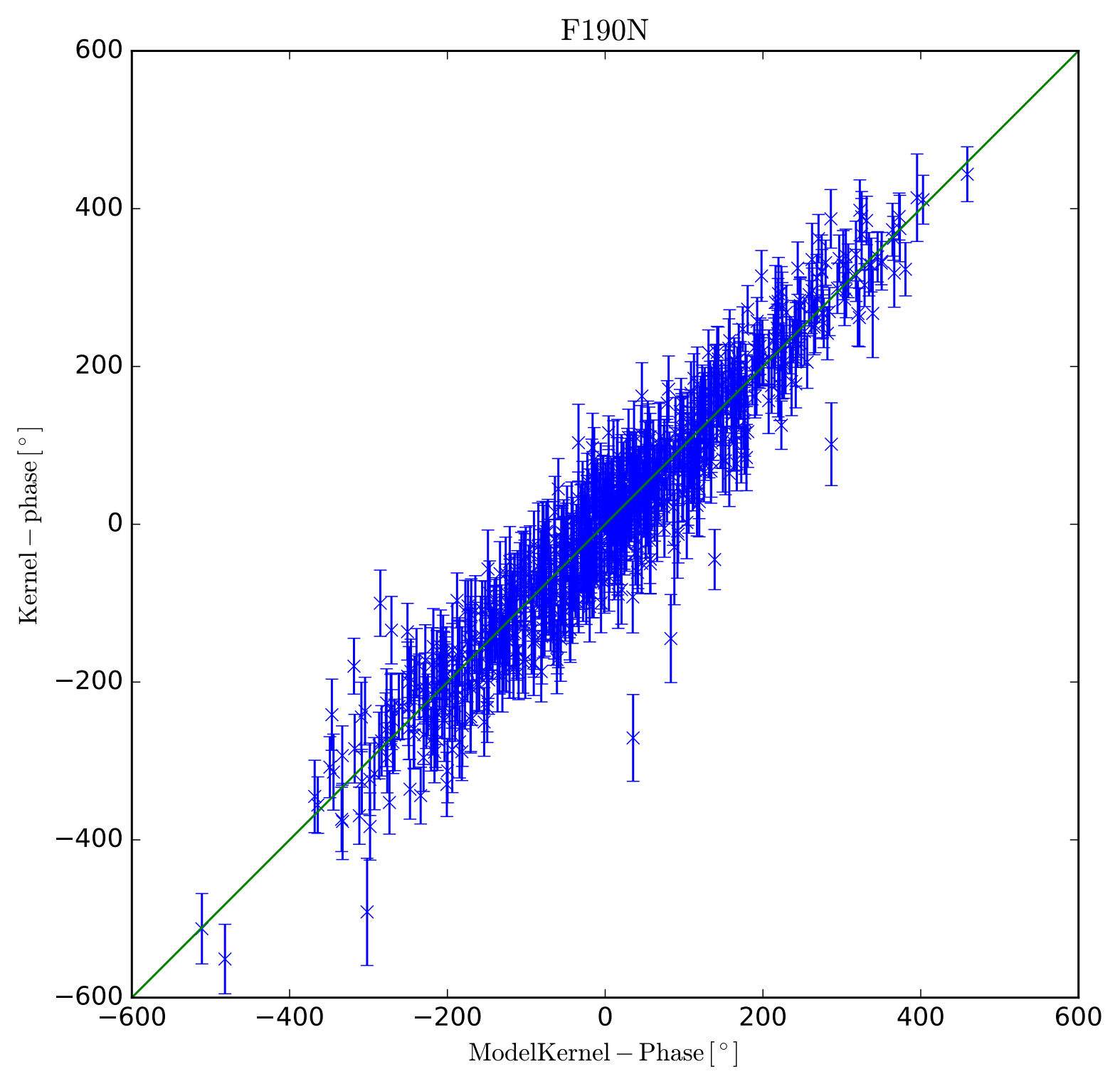
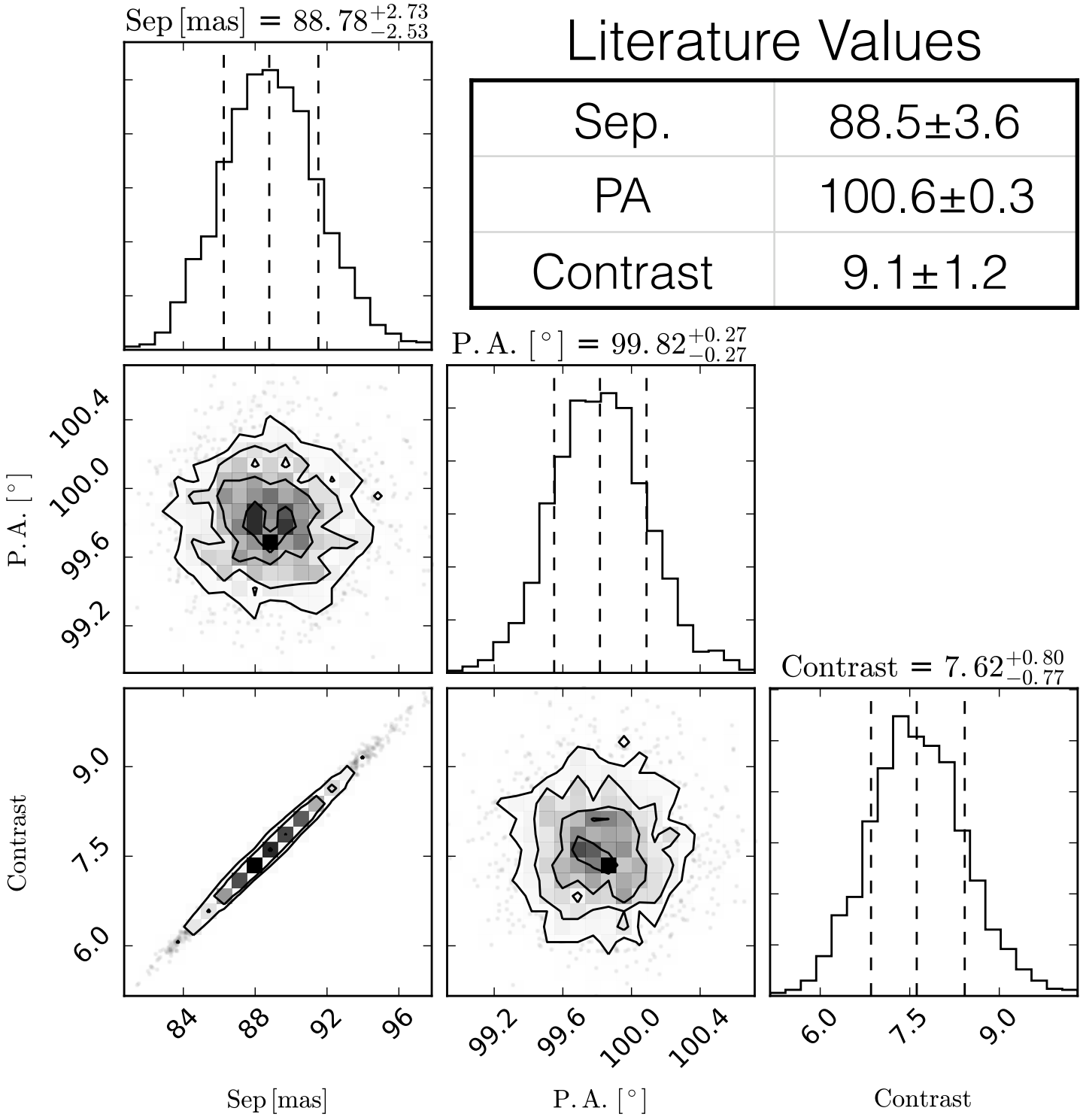
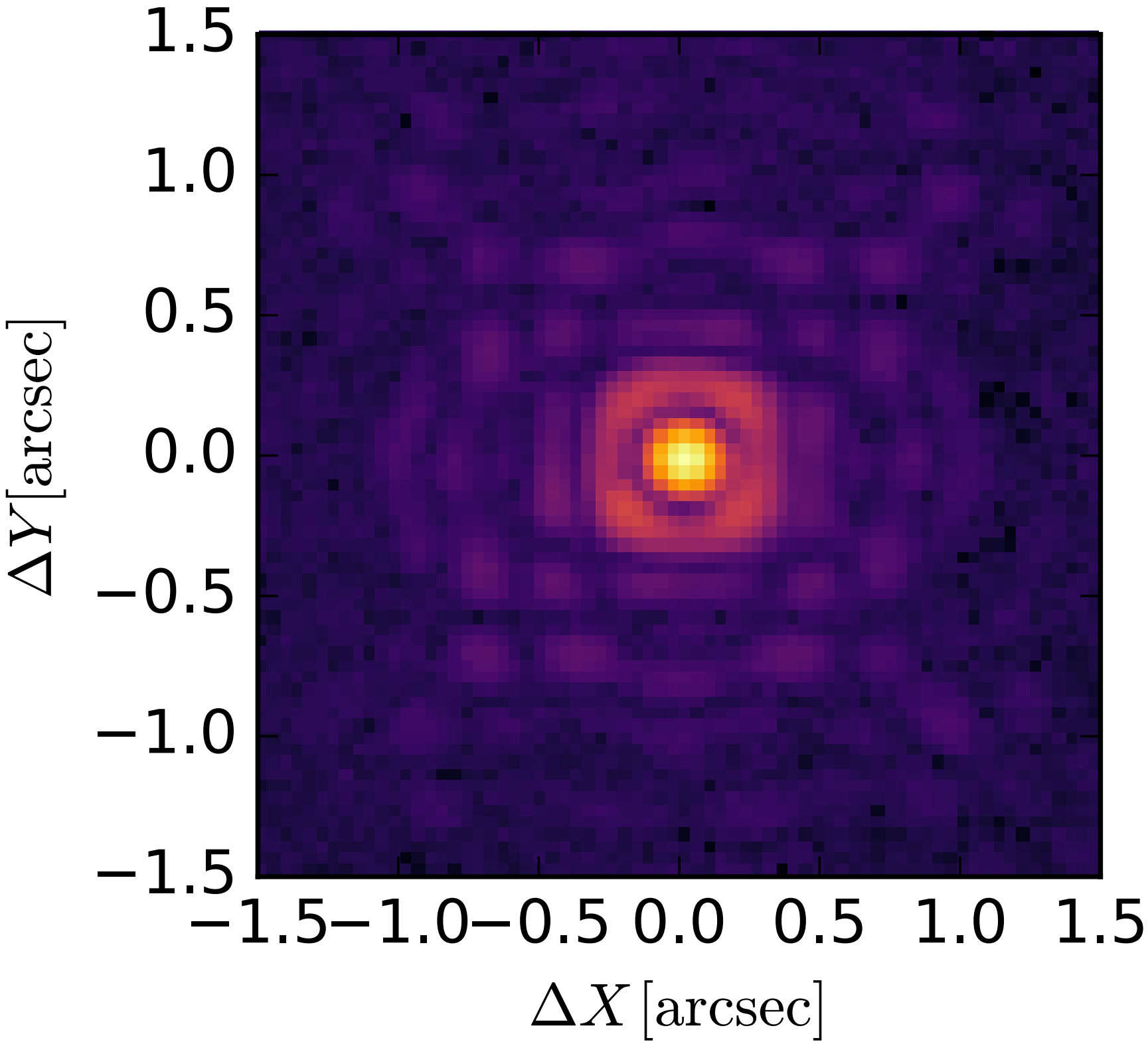

F190N
600
400
200
0
−200
−400
−600
−600
−400
−200
0
200
400
600
Kernel − phase [°]
ModelKernel − Phase [°]

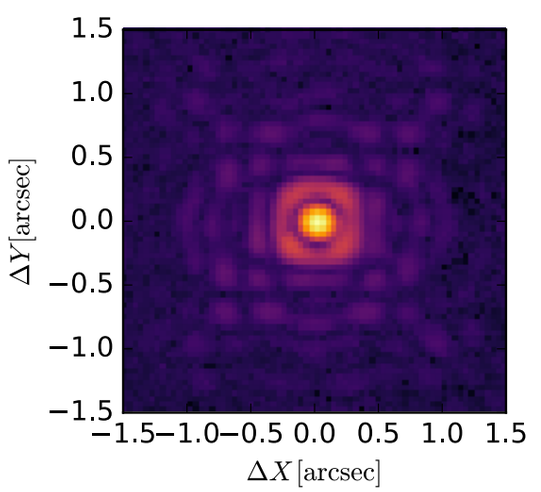


Literature Values

Sep.	88.5±3.6
PA	100.6±0.3
Contrast	9.1±1.2


1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
$\Delta Y\,[\mathrm{arcsec}]$
$\Delta X\,[\mathrm{arcsec}]$

Pipeline step 3: source modeling

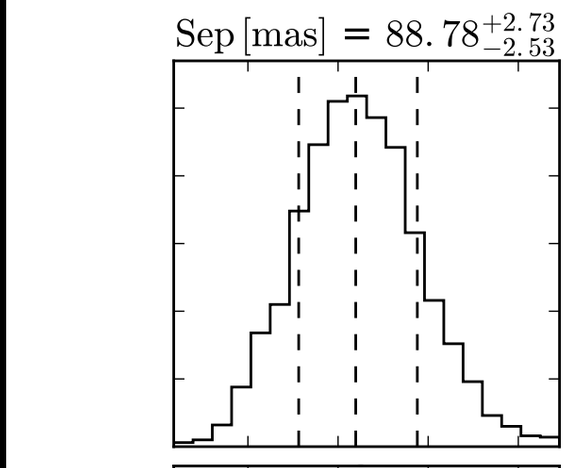


Single: a single phasor (offset point source)

1. X-offset
2. Y- offset

Binary: Sum of two complex phasors (offset point sources in uv space)

3. Separation
4. Position angle
5. Contrast



Literature Values

Sep.	88.5±3.6
PA	100.6±0.3
Contrast	9.1±1.2

More than just fitting:

1. Generate kernel-phases
2. Quick fit for systematic error term
3. MultiNest with fitted systematic term
4. Pick “best” targets and generate calibrators
5. Quick fit with calibrator for systematic error term
6. MultiNest with calibrator and systematic term
7. Generate figures and output table