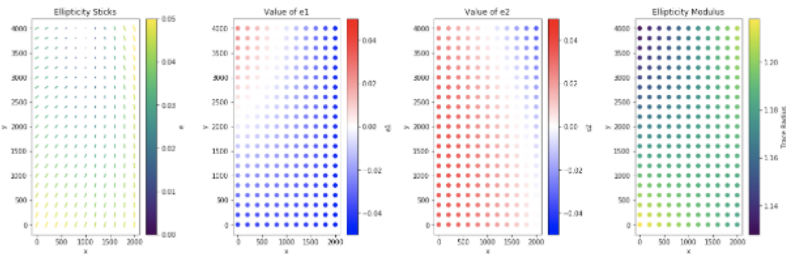


FileEditViewRunKernelHubTabsSettingsHelp

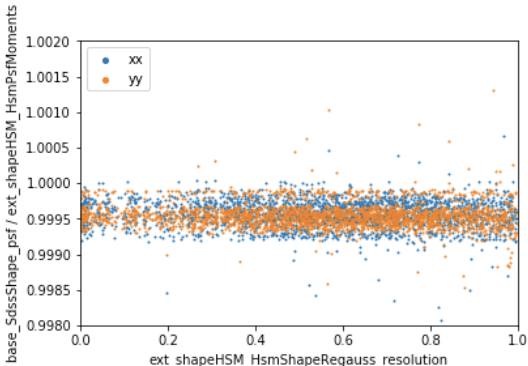
influxdb_data_model.ipynb ×image_quality_demo.ipynb ×

Code⌵⌵gitLSST

```
plt.subplot(1, 4, 4)
plt.scatter(xx, yy, c=size)
colorbar = plt.colorbar(label='Trace Radius')
plt.xlabel('x')
plt.ylabel('y')
plt.title('Ellipticity Modulus');
```



```
[23]: plt.figure()
plt.scatter(src['ext_shapeHSM_HsmShapeRegauss_resolution'],
            src['base_SdssShape_psf_xx'] / src['ext_shapeHSM_HsmPsfMoments_xx'])
plt.scatter(src['ext_shapeHSM_HsmShapeRegauss_resolution'],
            src['base_SdssShape_psf_yy'] / src['ext_shapeHSM_HsmPsfMoments_yy'])
plt.xlim(0., 1.)
plt.ylim(1. - 2.e-3, 1. + 2.e-3)
plt.legend(loc='upper left', markerscale=4)
plt.xlabel('ext_shapeHSM_HsmShapeRegauss_resolution')
plt.ylabel('base_SdssShape_psf / ext_shapeHSM_HsmPsfMoments');
```



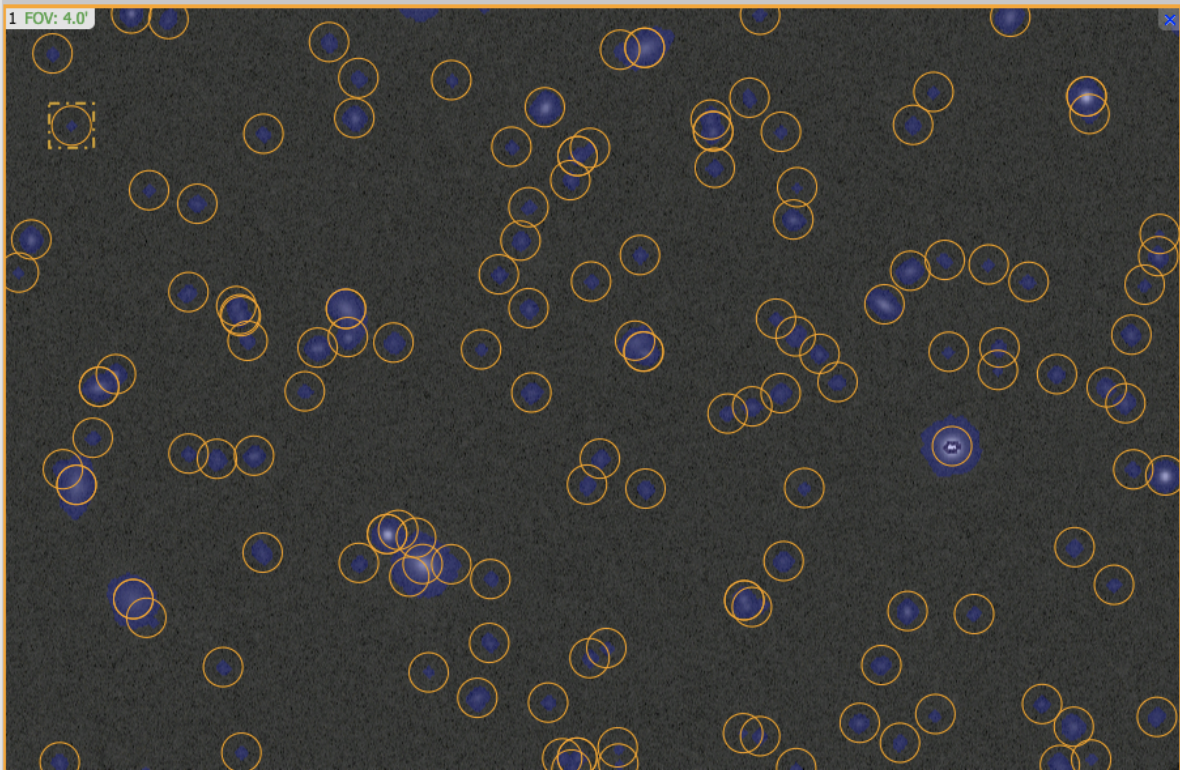
krughoff@nb-krughoff-d-: ×

[krughoff@nb-krughoff-d-2019-03-18 ~]\$

Firefly: slateClient-1-1552f ×

Pixel Size:EQ-J2000:Image Pixel:Lock by click

ImagesCatalogsChartsUpload



Firefly.ipynb ×

Markdown⌵⌵gitLSST

```
[13]: src.asAstropy()
```

```
[13]: Table length=2662
```

id	coord_ra	coord_dec	parent	calib_detected	calib_psfCandidate	calib_psfUse
	rad	rad				
int64	float64	float64	int64	bool	bool	bool
1010357501953	0.923033029229361	-0.4793723336088661	0	False	False	False
1010357501954	0.9231694833170864	-0.47984291442194804	0	False	False	False
1010357501955	0.9232606263113138	-0.48015064707521005	0	False	False	False
1010357501956	0.9235299085068365	-0.48107097907657753	0	False	False	False