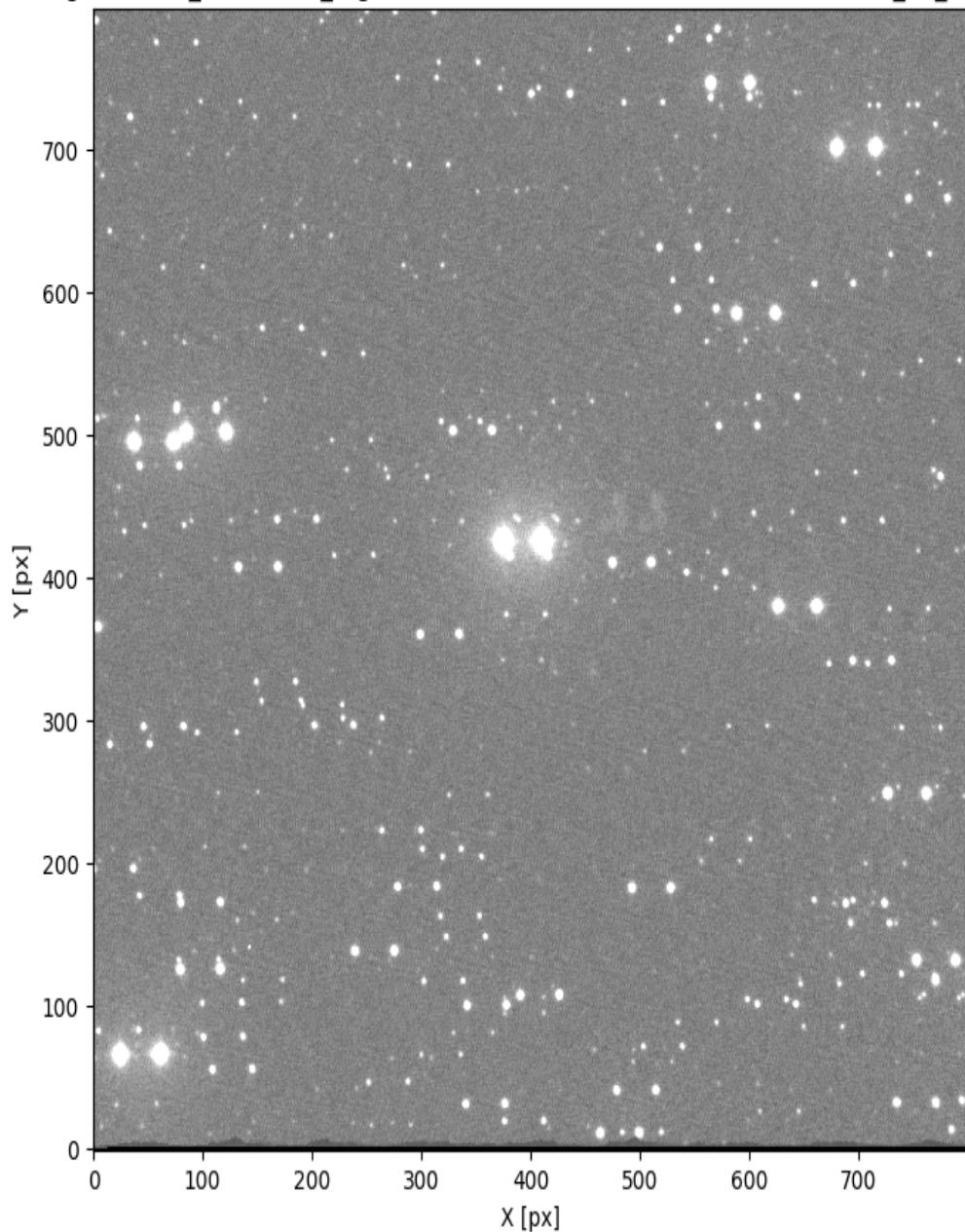
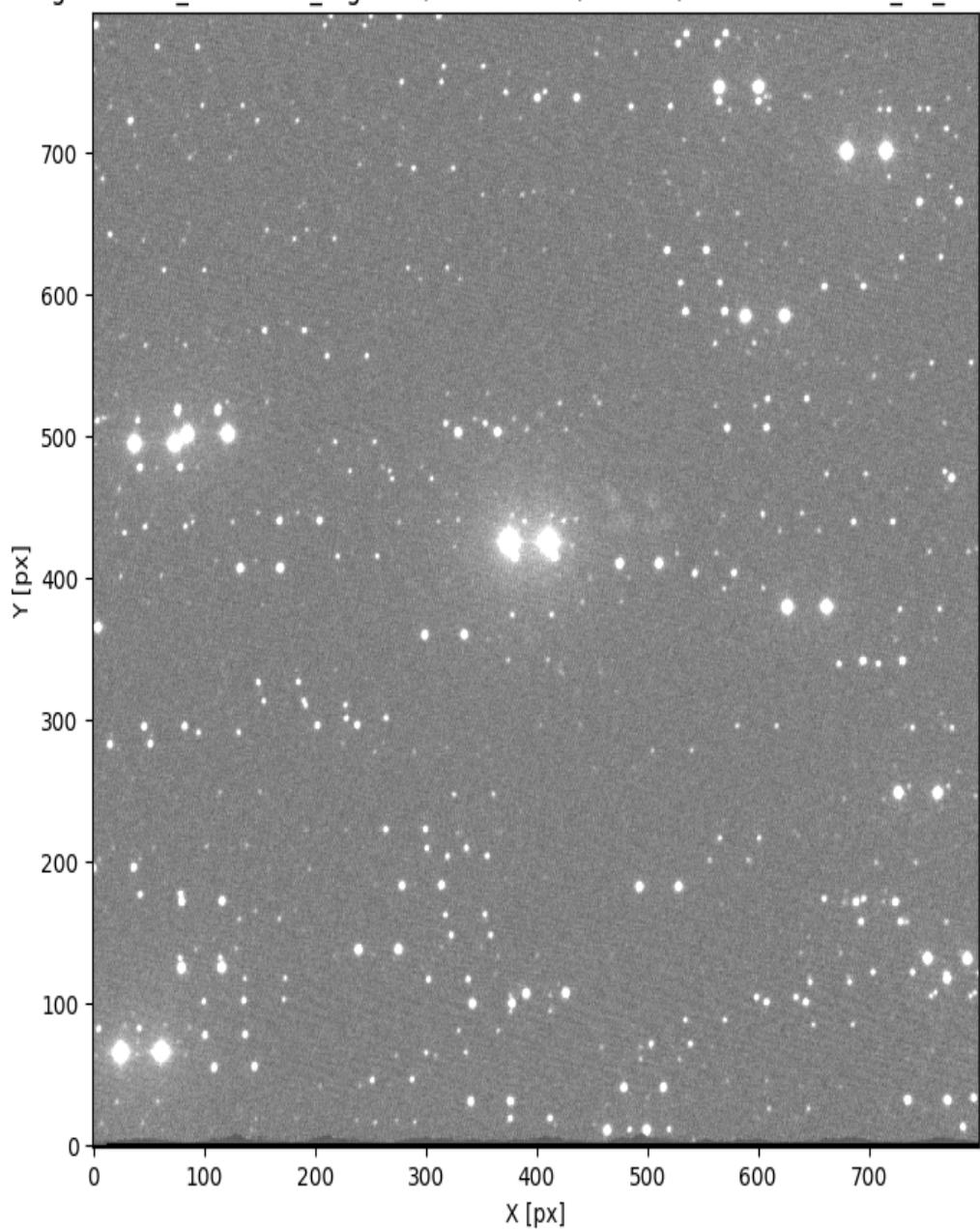


1. Imágenes originales

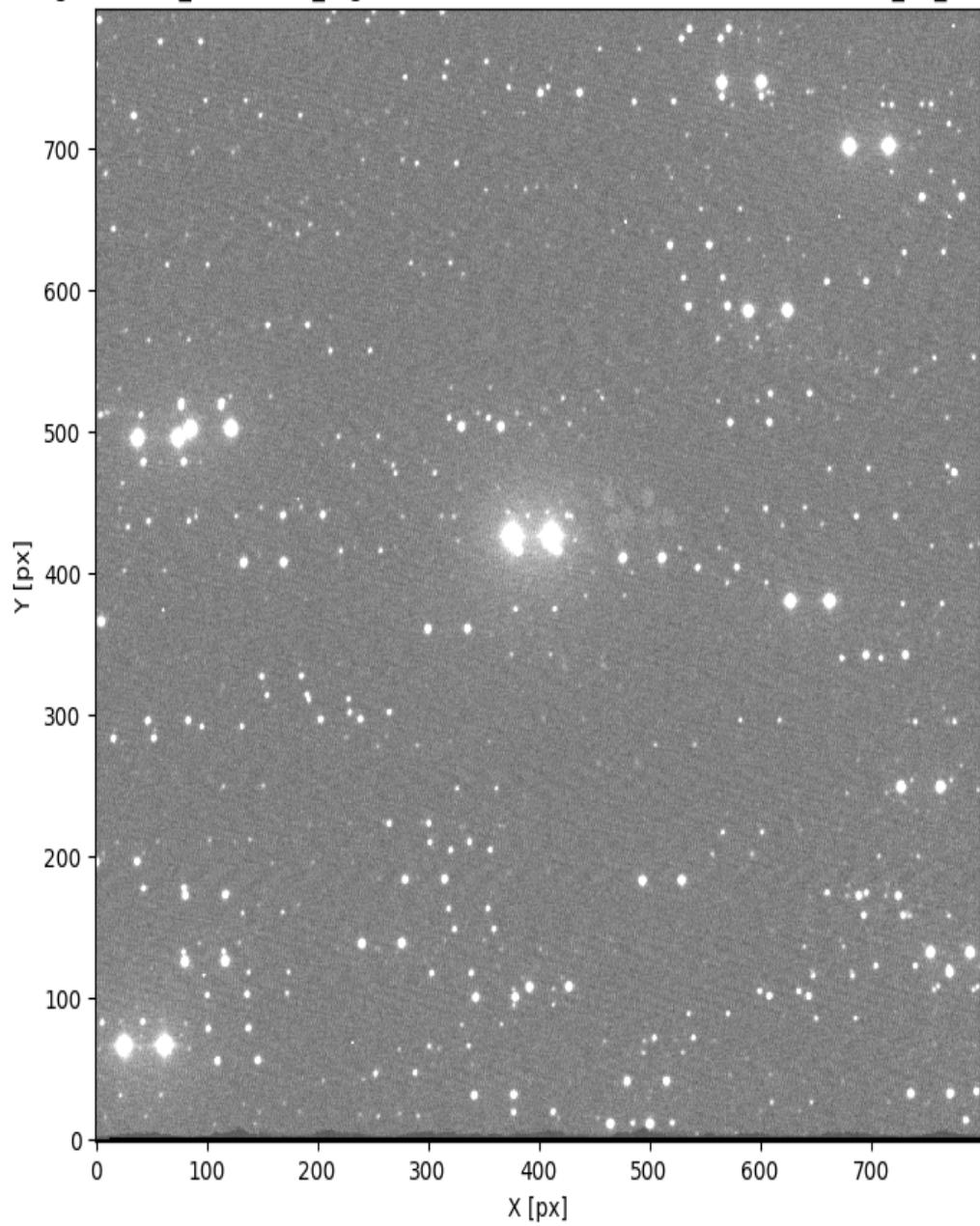
Reference Image noche1_20230720_organize/BD+384058/BessellII/caf-20230720-21_57_26-sci-blap_b_f.fits



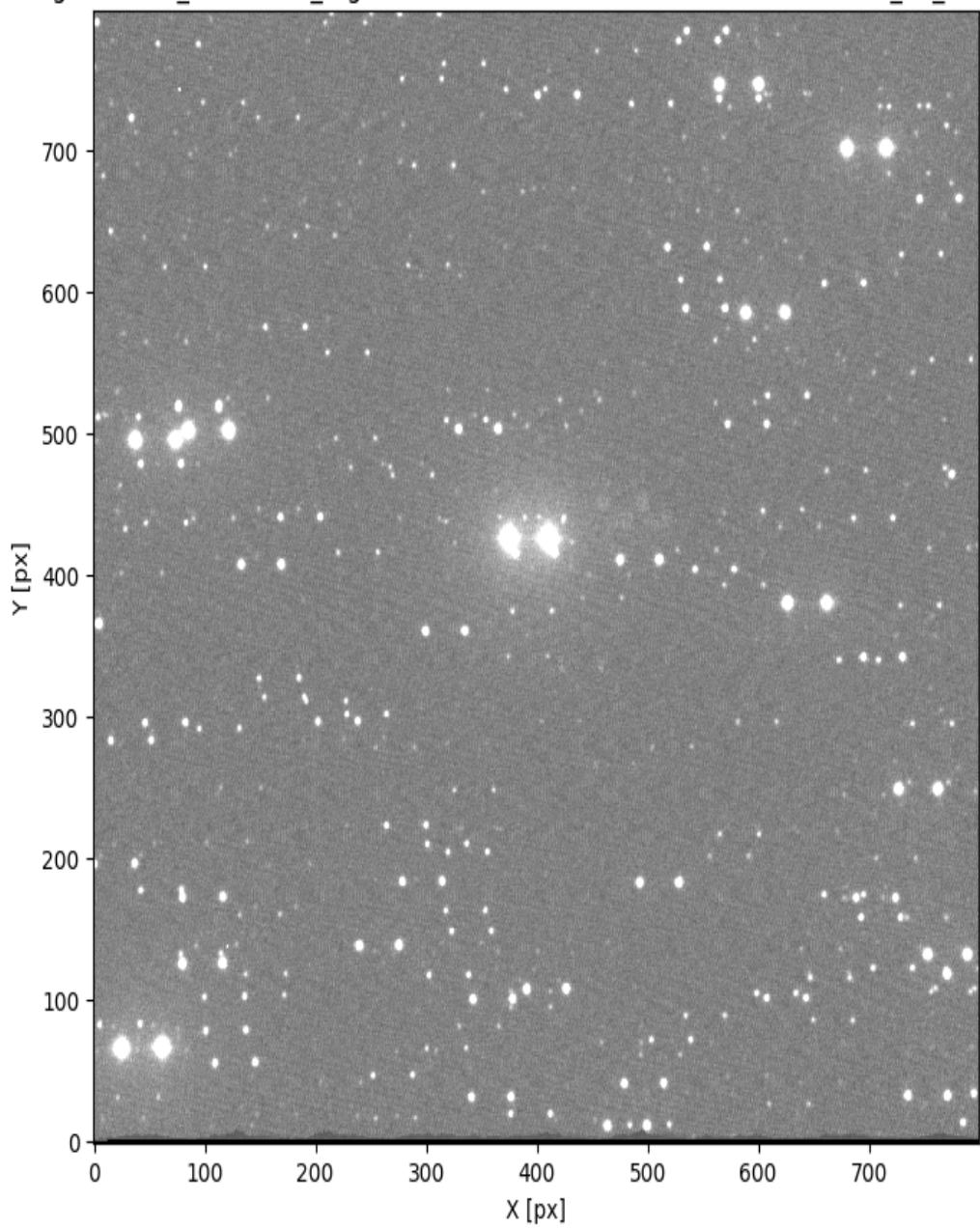
Original Image noche1_20230720_organize/BD+384058/Besselli/caf-20230720-21_58_12-sci-blap_b_f.fits



Original Image noche1_20230720_organize/BD+384058/Besselli/caf-20230720-21_58_57-sci-blap_b_f.fits

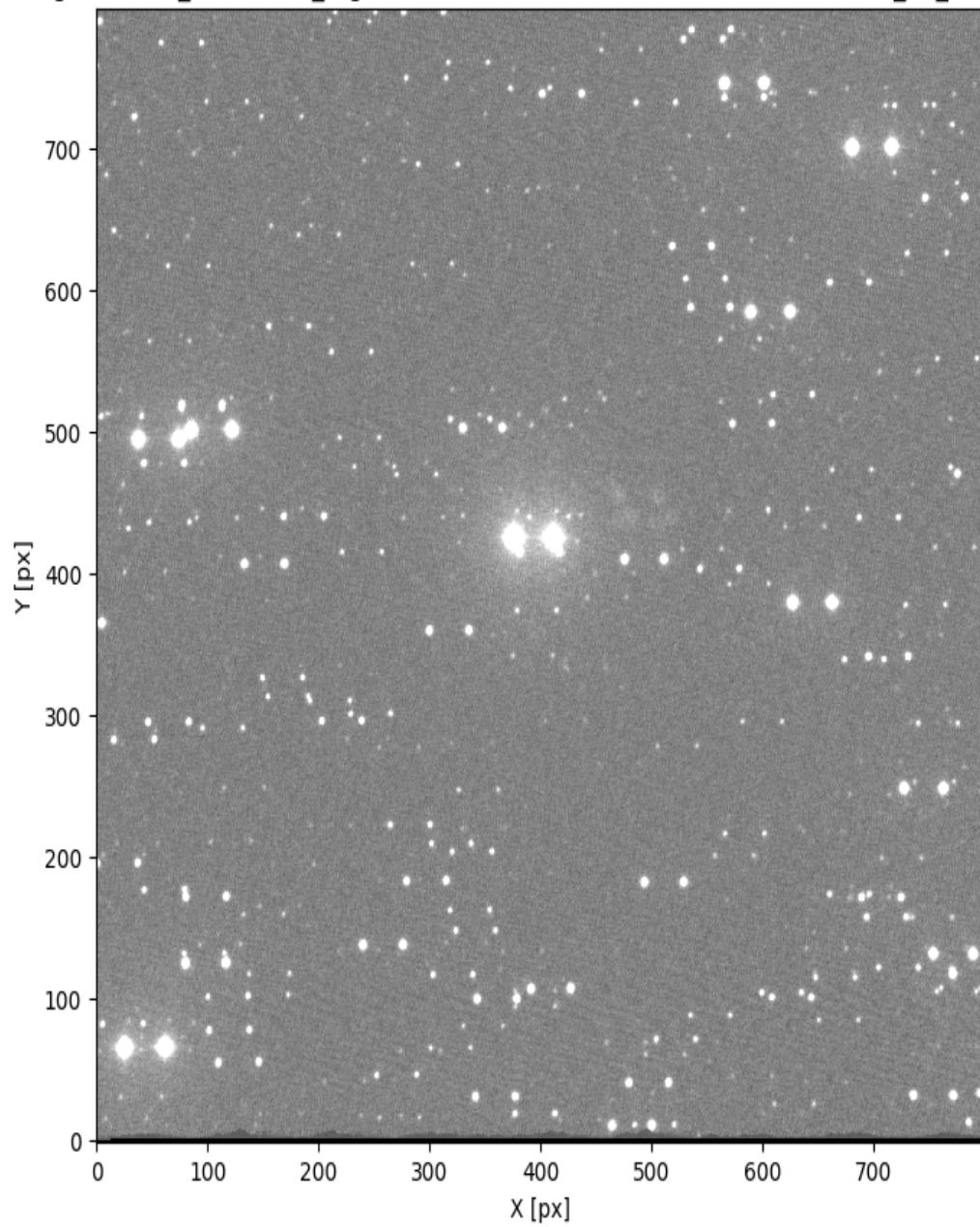


Original Image noche1_20230720_organize/BD+384058/Besselli/caf-20230720-21_59_42-sci-blap_b_f.fits

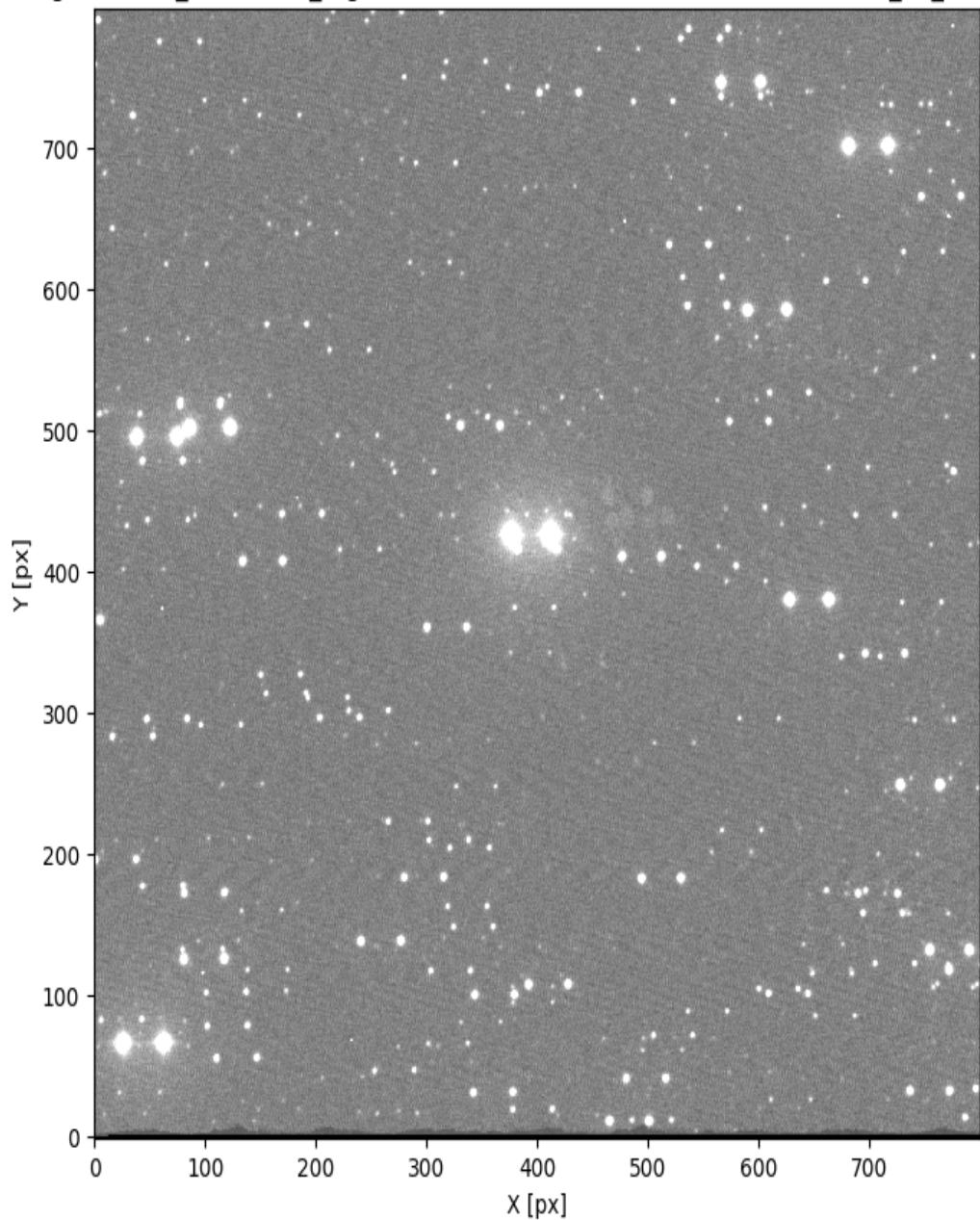


2. Imágenes alineadas

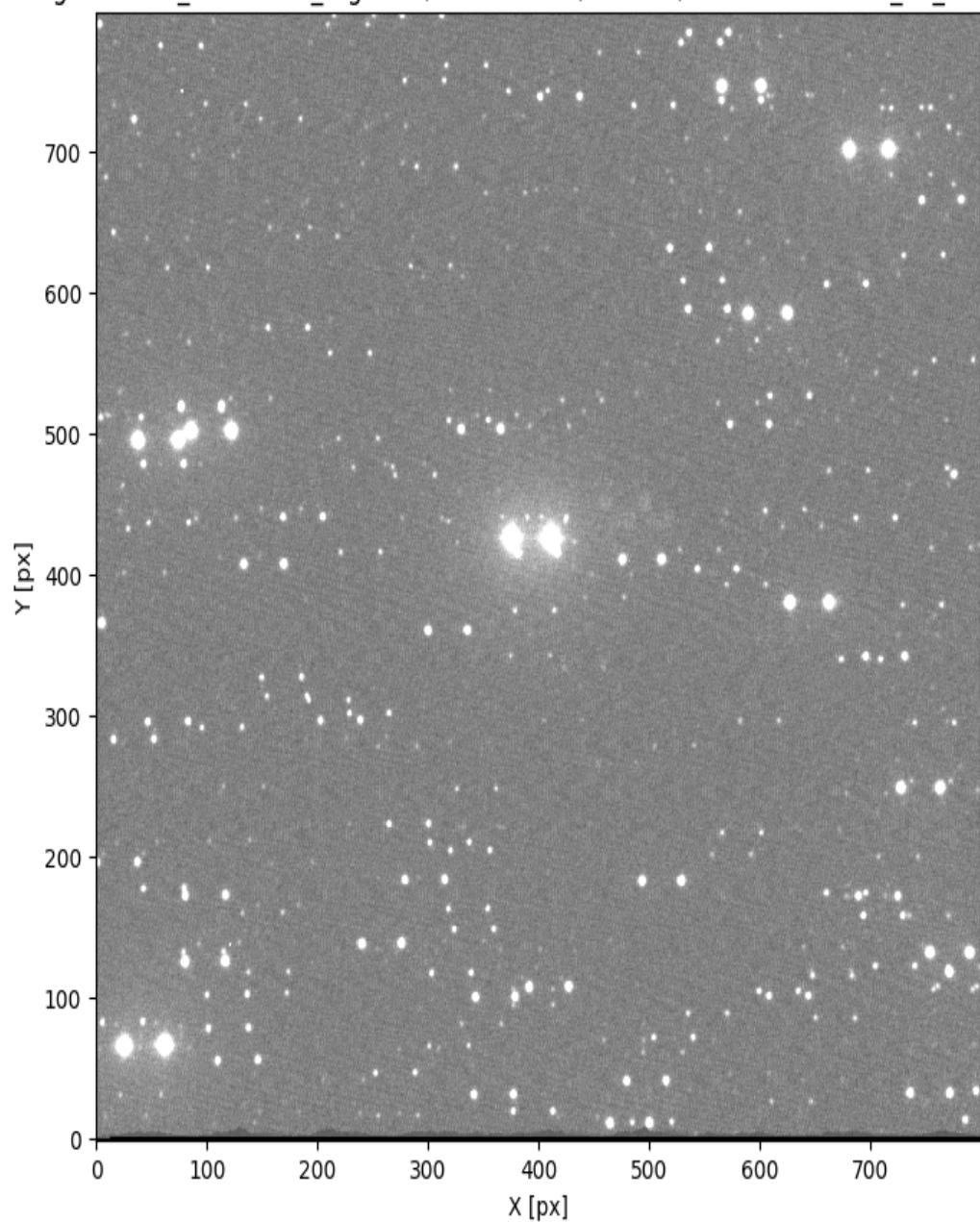
Aligned Image noche1_20230720_organize/BD+384058/Besselli/caf-20230720-21_58_12-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/BD+384058/Besselli/caf-20230720-21_58_57-sci-blap_b_f.fits

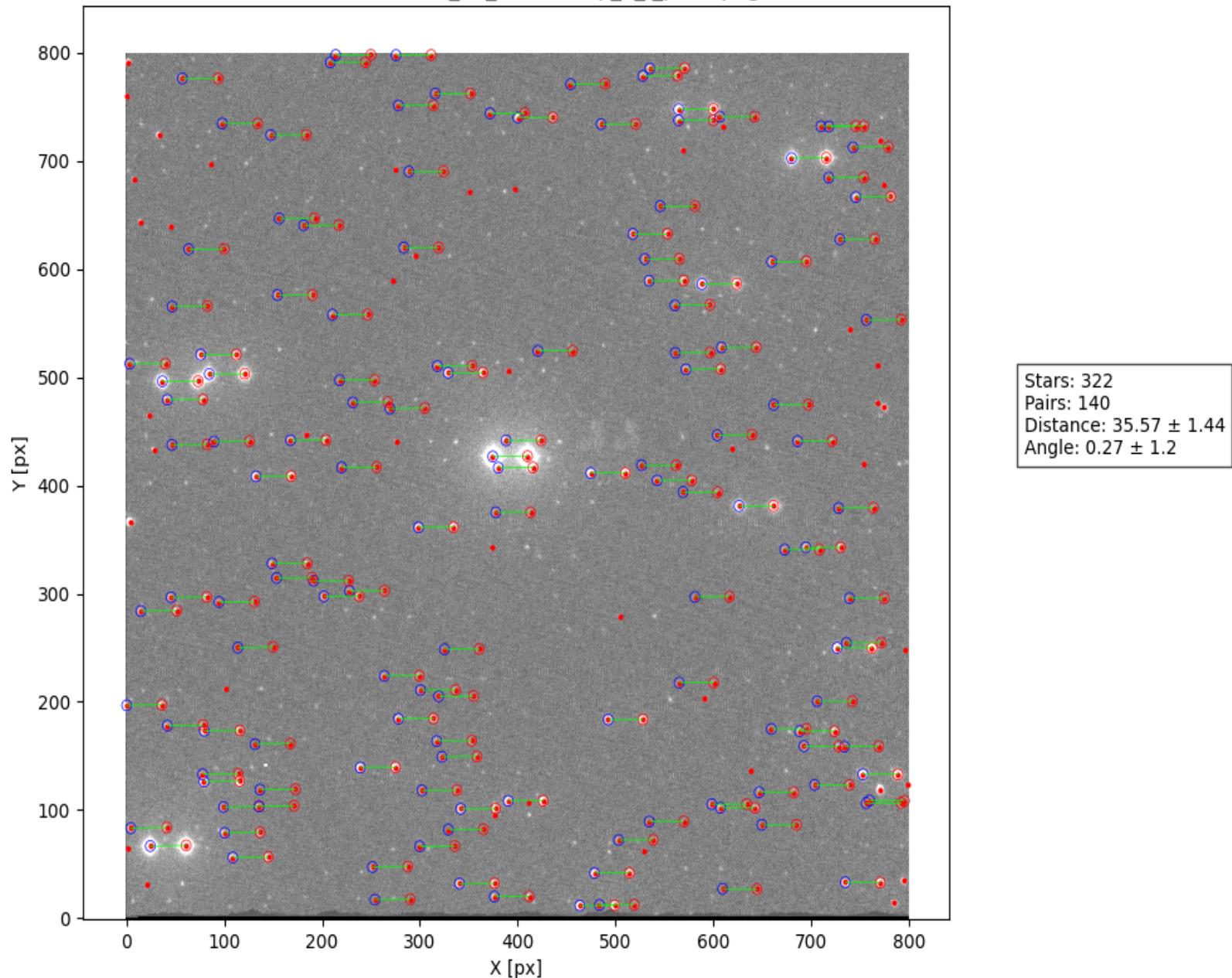


Aligned Image noche1_20230720_organize/BD+384058/Besselli/caf-20230720-21_59_42-sci-blap_b_f.fits

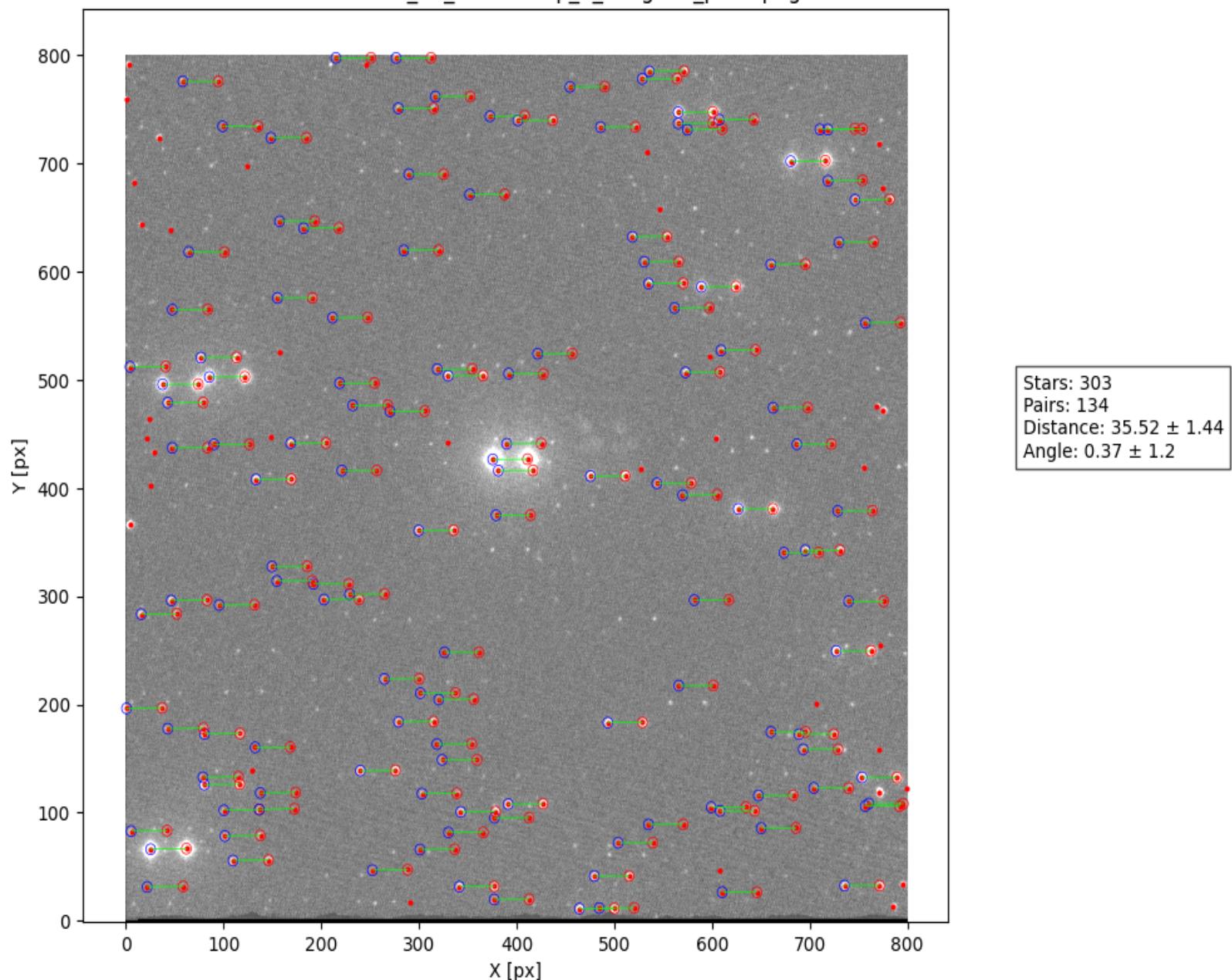


3. Imágenes con pares identificados

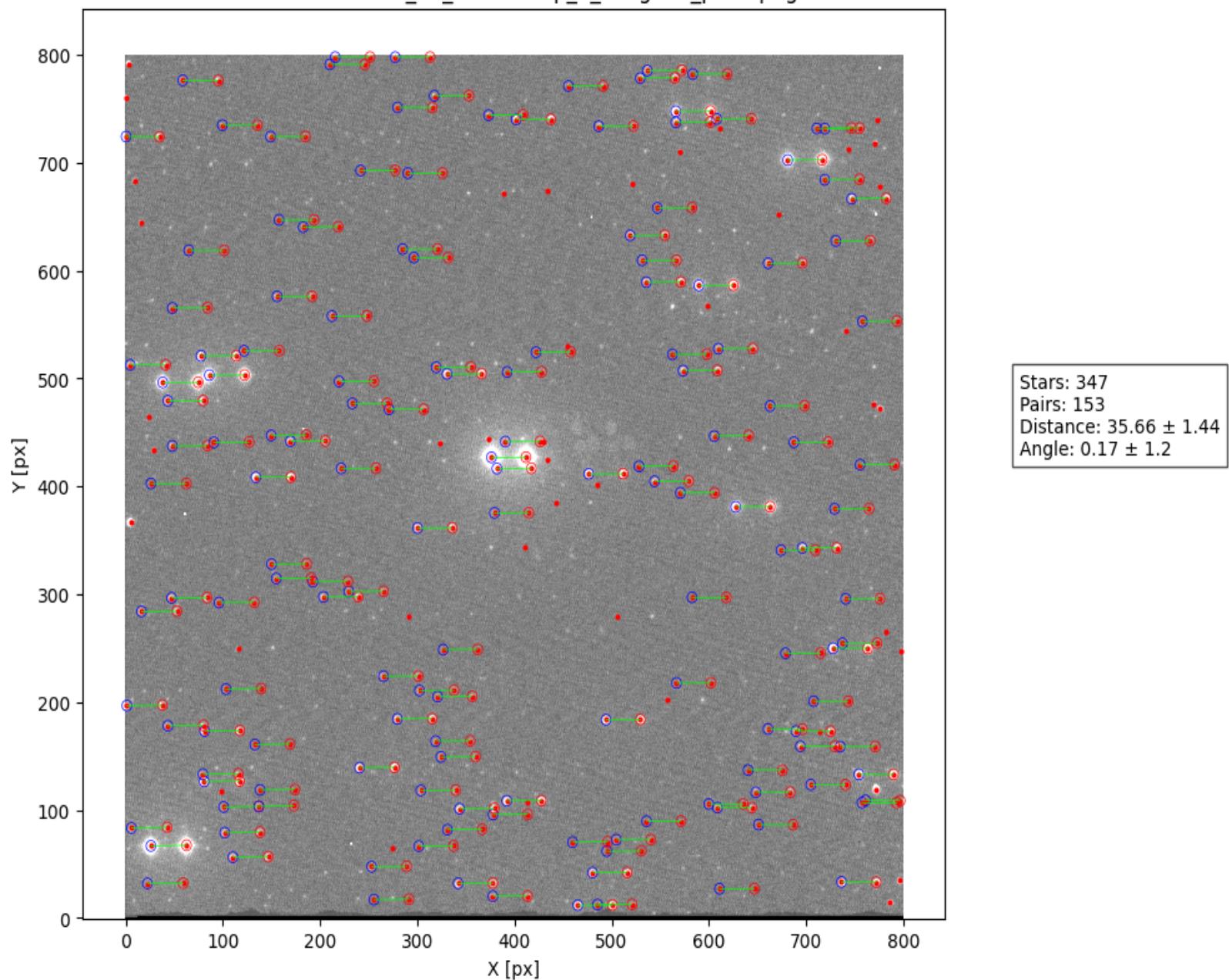
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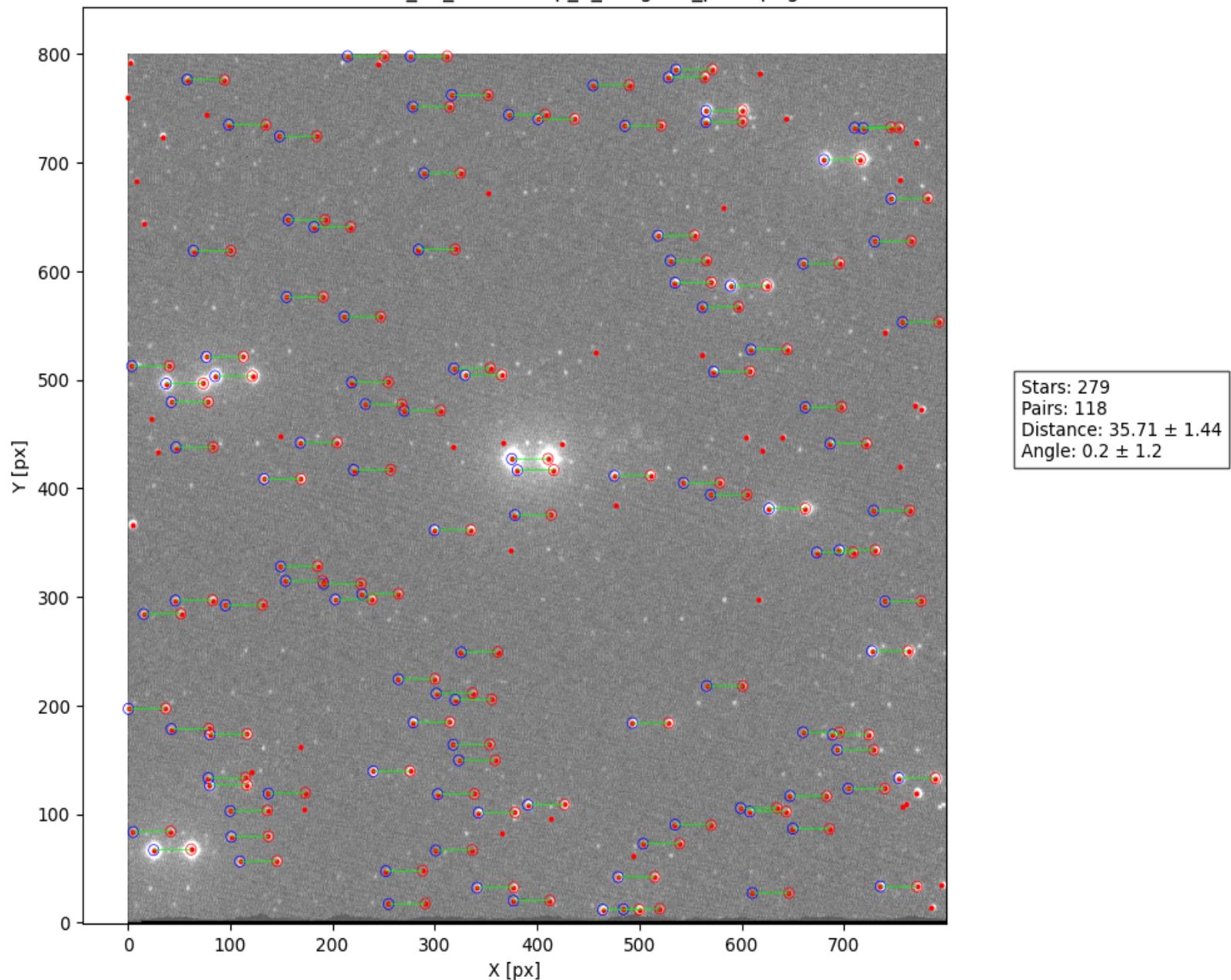
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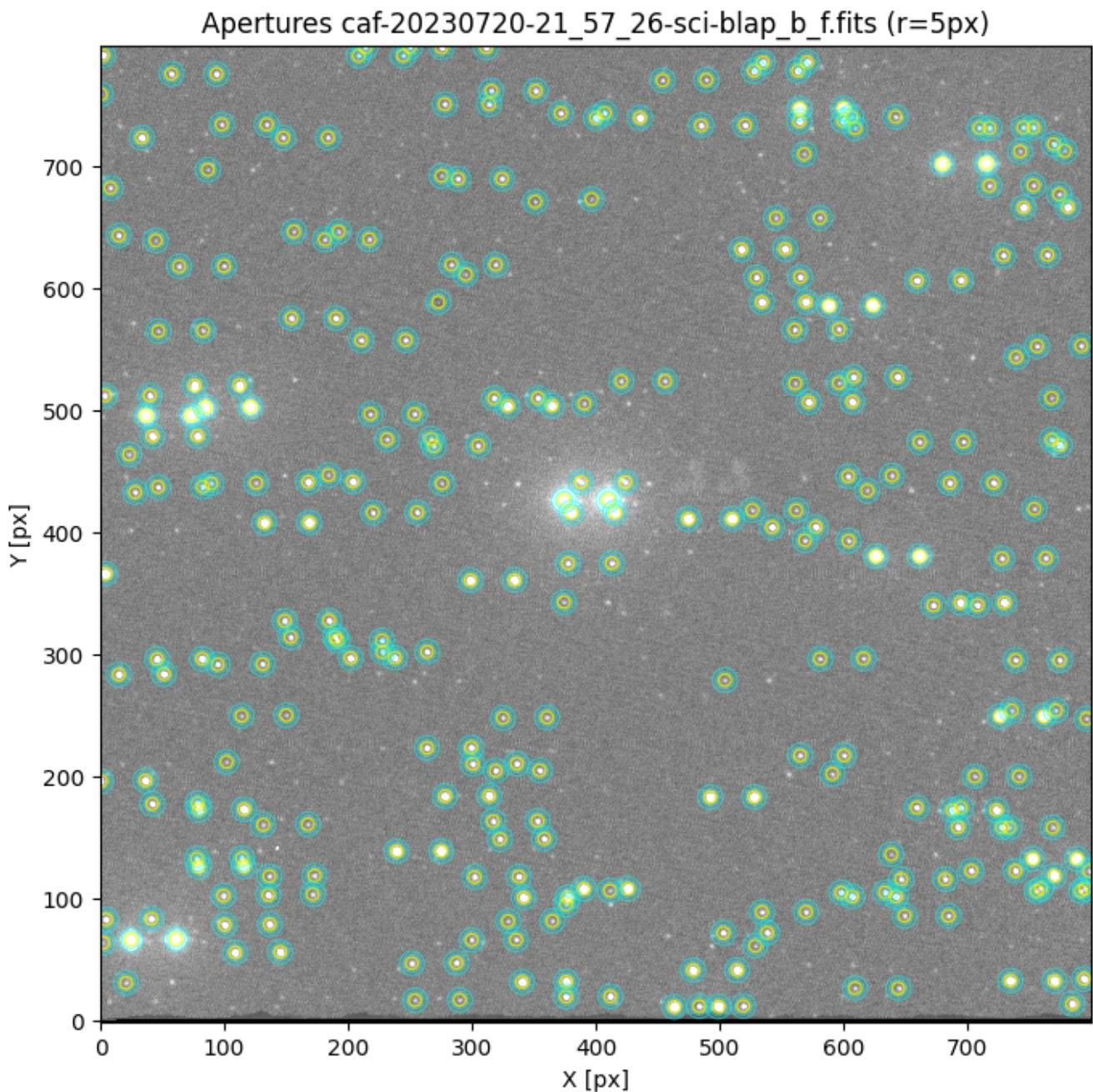
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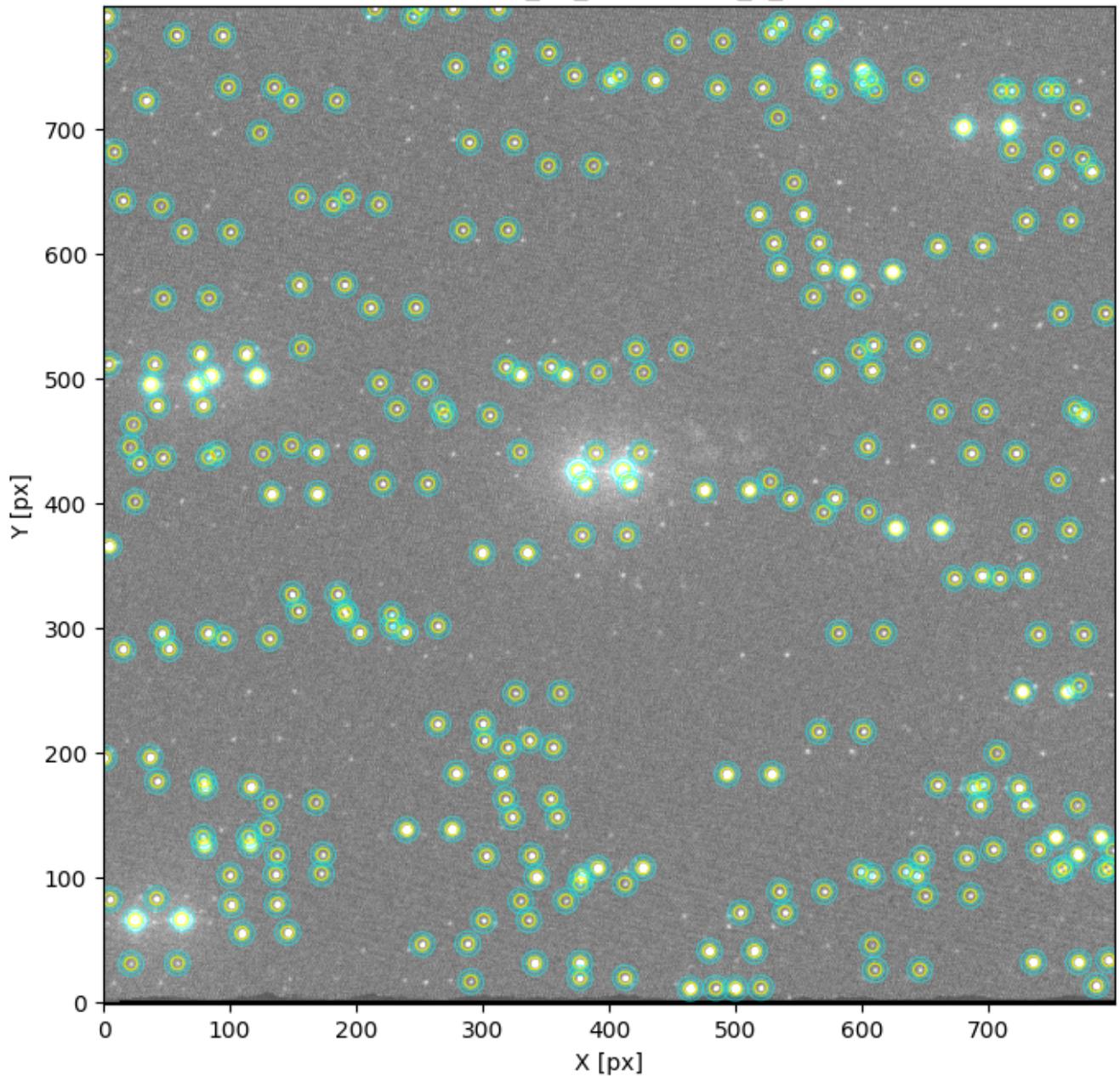
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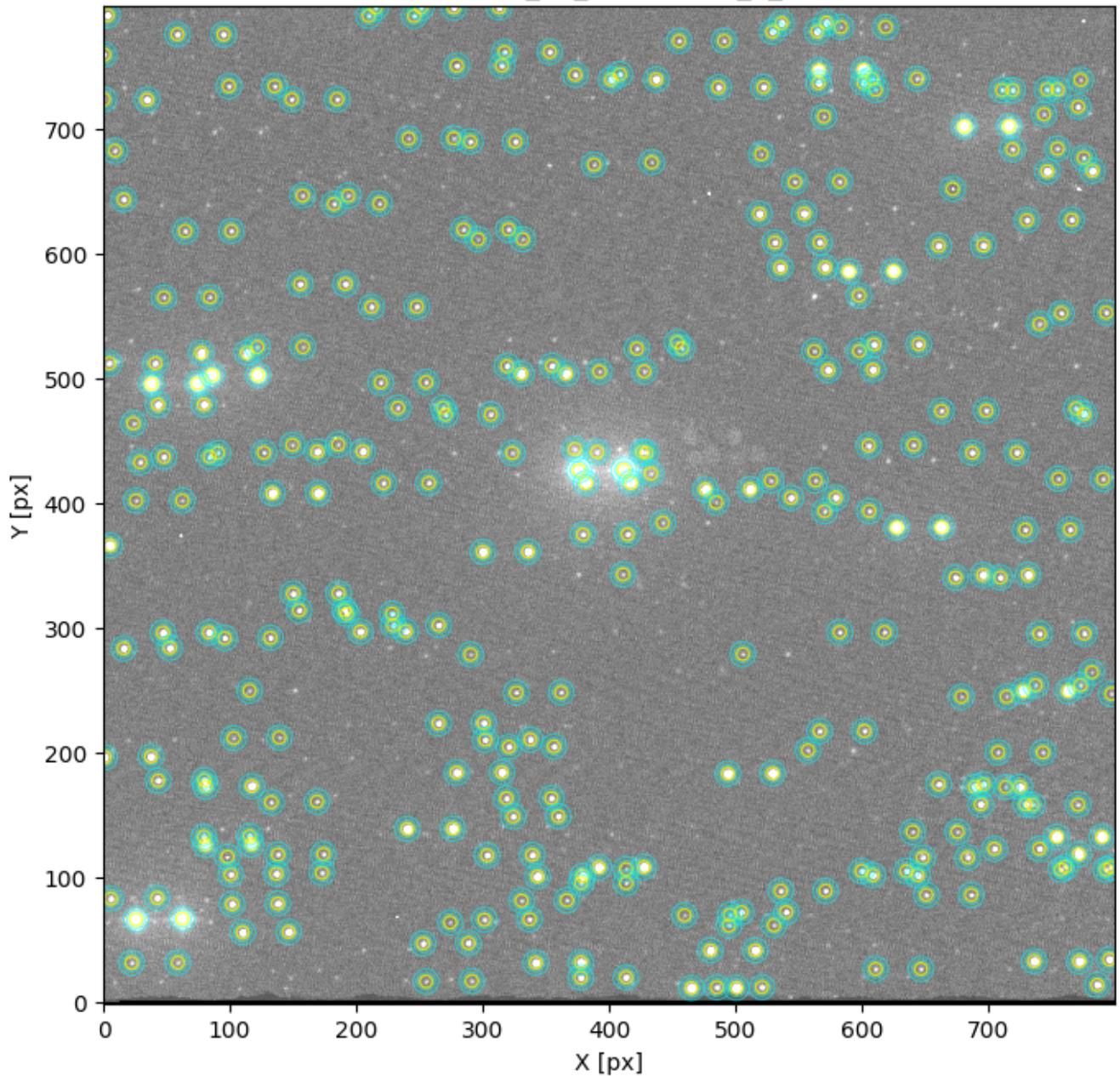
4. Fotometría — Aperturas



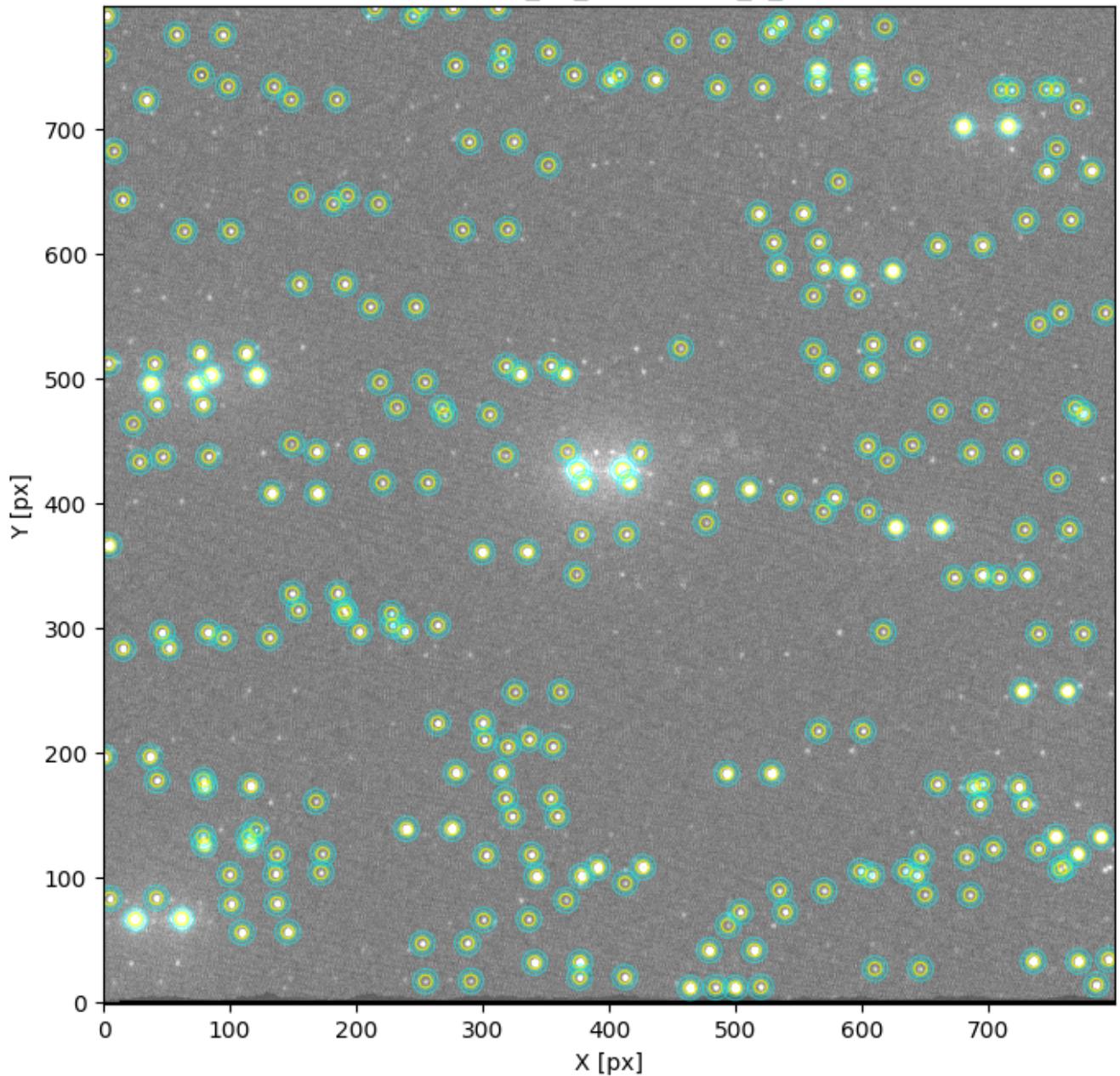
Apertures caf-20230720-21_58_12-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230720-21_58_57-sci-blap_b_f-aligned.fits (r=5px)

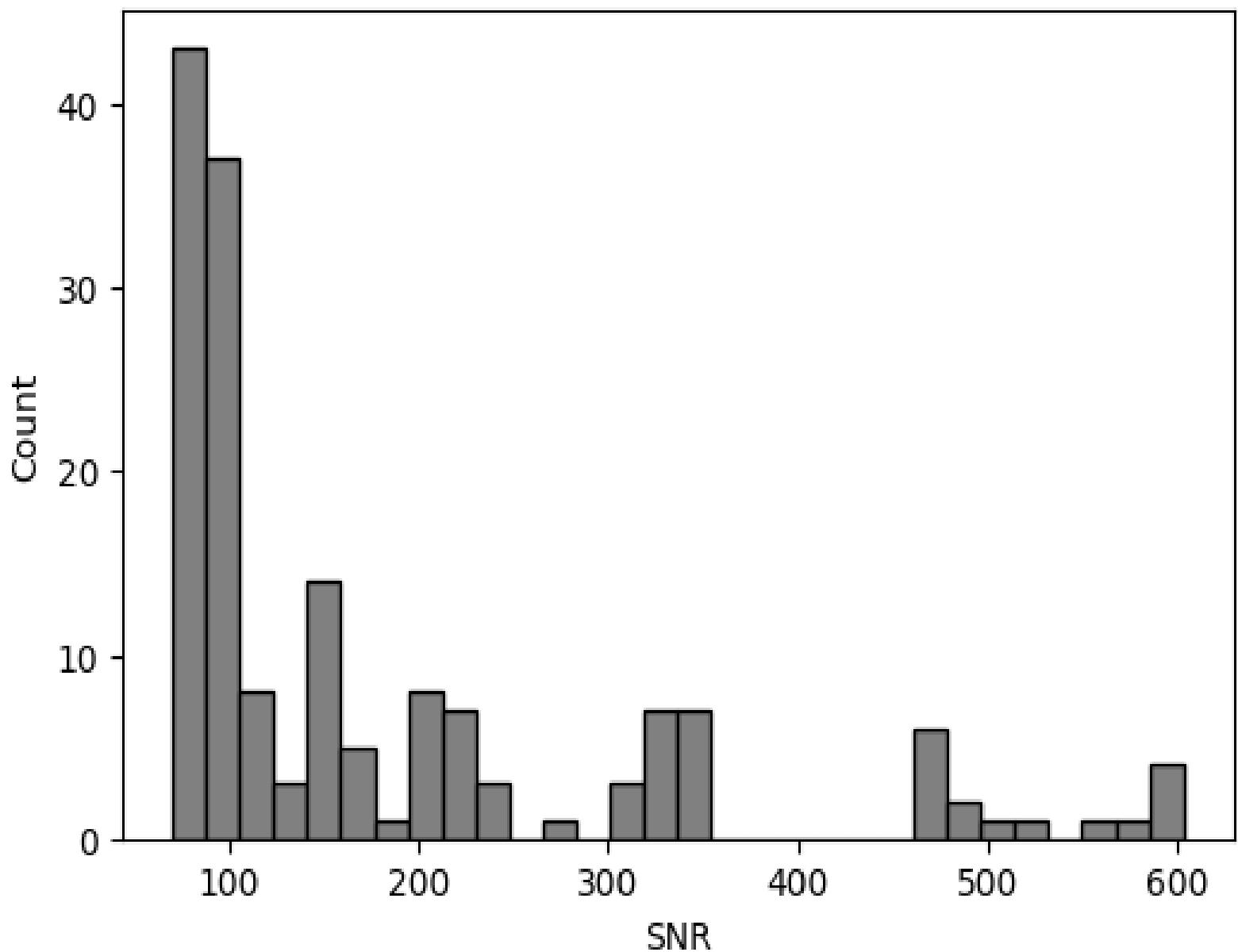


Apertures caf-20230720-21_59_42-sci-blap_b_f-aligned.fits (r=5px)

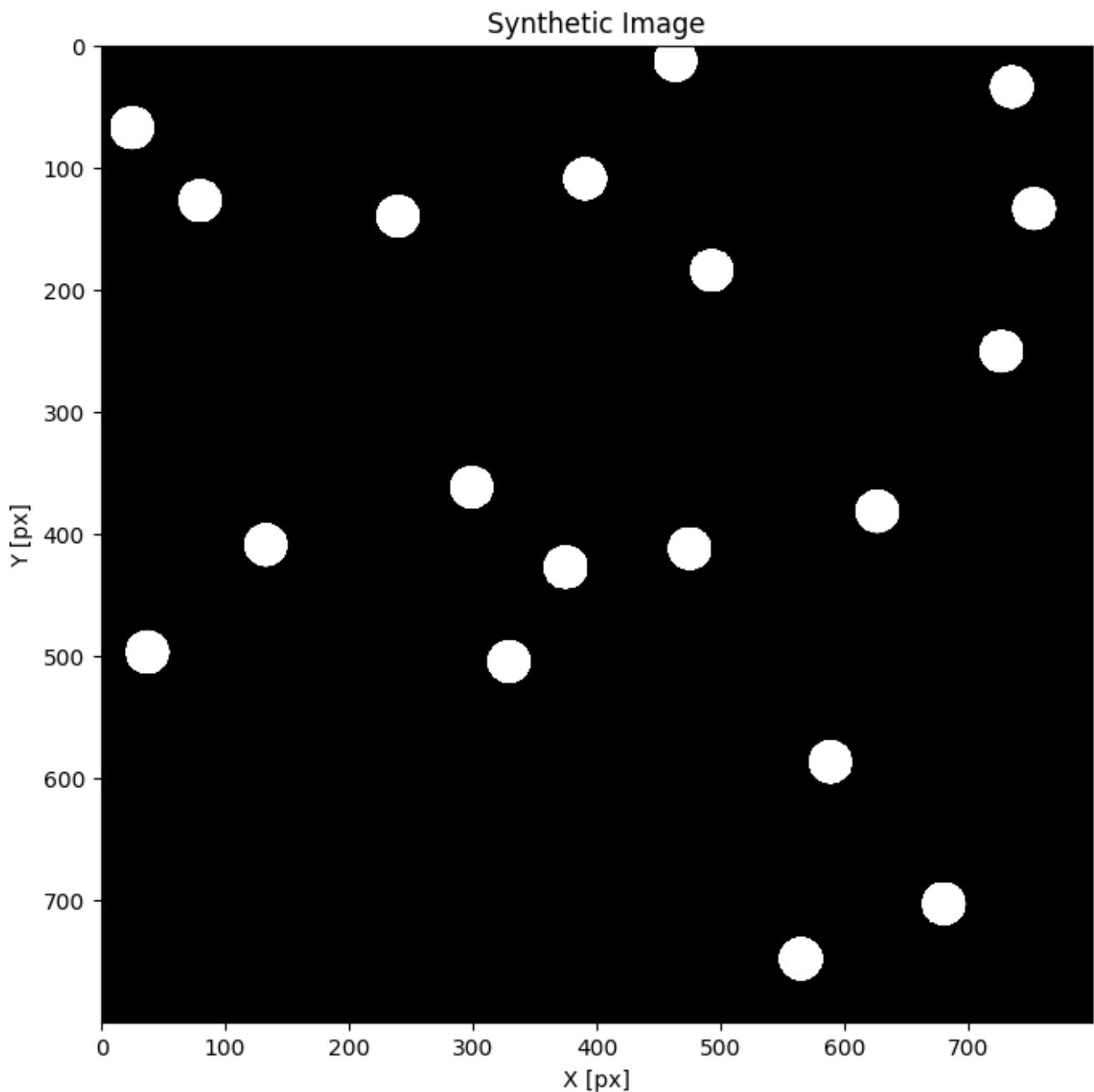


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



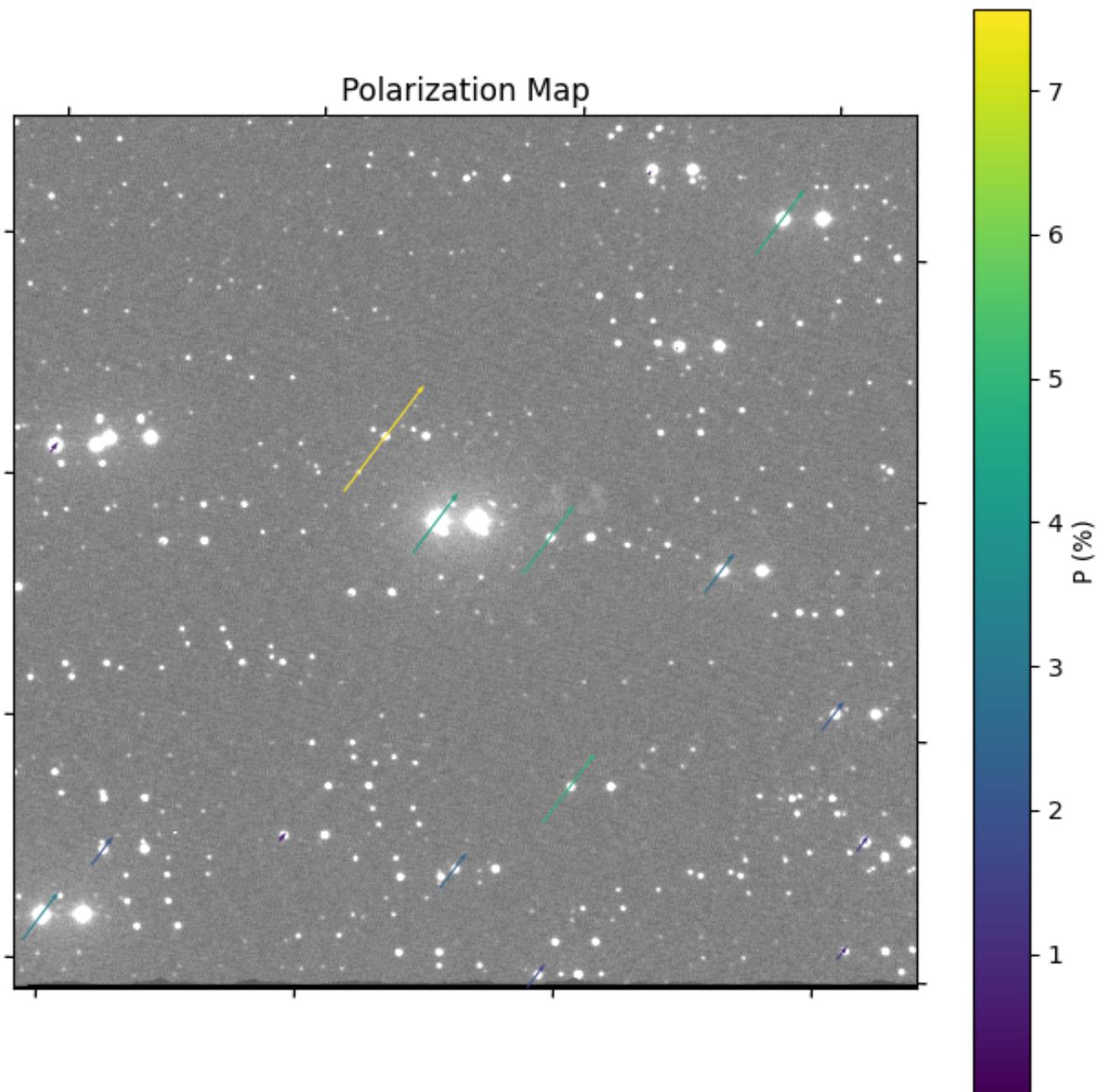
5. Astrometría — Imagen sintética



5. Astrometría — Resultados SIMBAD

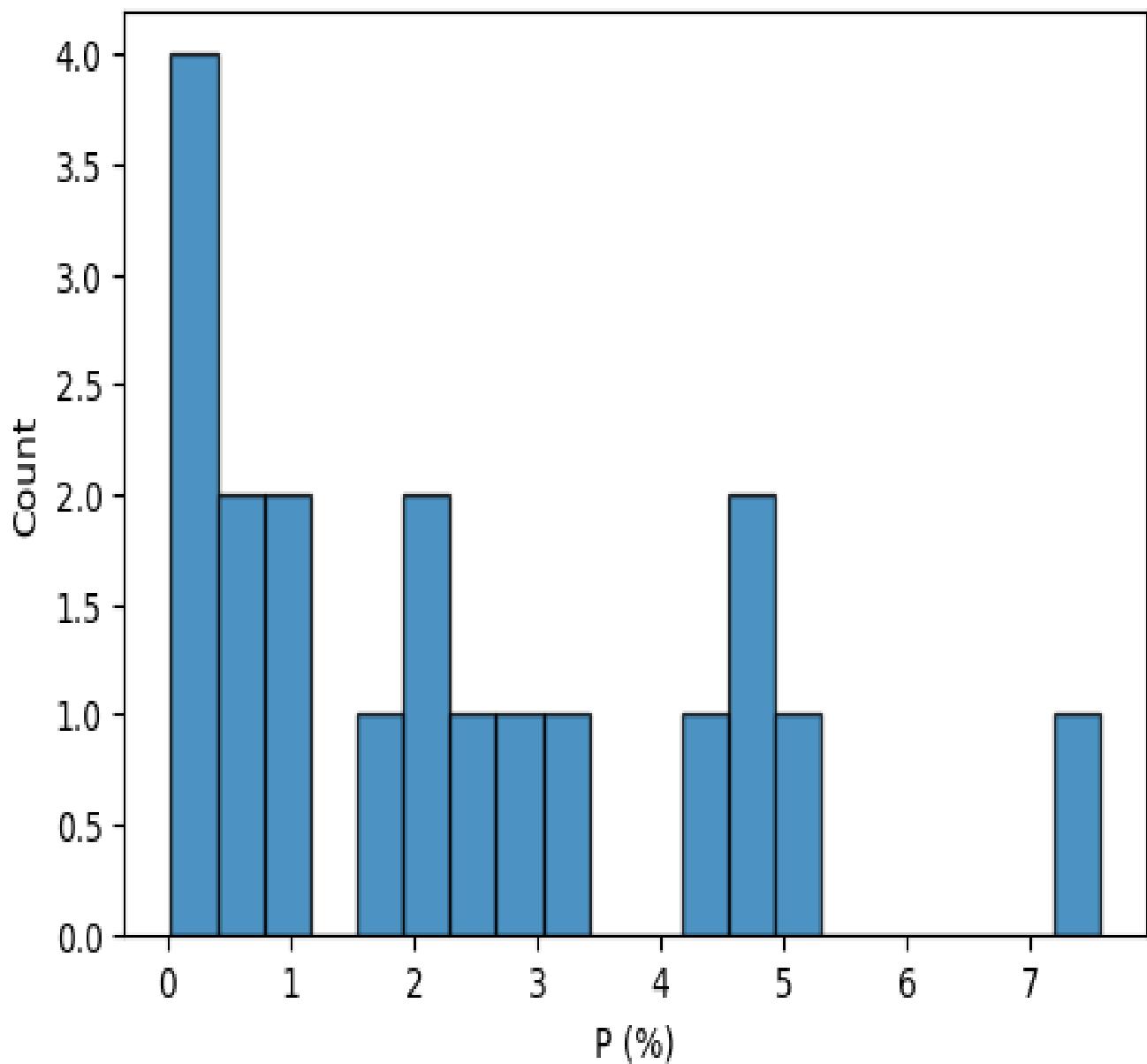
Par	RA (°)	DEC (°)	Simbad ID	Object Type
0	305.790909	39.364495	Gaia DR2 2061240537203705728	EmLine*
6	305.796623	39.403945	NVSS J202309+392352	Radio
10	305.798703	39.300320	TYC 3152-333-1	Star
24	305.808694	39.353383	No_ID	
30	305.810251	39.308005	Gaia DR2 2061239403332307840	EmLine*
32	305.815555	39.406123	Gaia DR2 2061428721185185792	EmLine*
33	305.813599	39.331212	Gaia DR2 2061240227966040448	EmLine*
44	305.823476	39.367926	Gaia DR2 2061240571563430912	EmLine*
53	305.837444	39.401735	No_ID	
67	305.855799	39.338797	No_ID	
70	305.861566	39.386489	No_ID	
73	305.863686	39.314316	No_ID	
74	305.866362	39.364222	ZTF J202327.47+392137.8	EclBin
78	305.868632	39.349528	BD+38 4058	EclBin
89	305.879686	39.299920	HD 229205	Star
92	305.882954	39.342490	No_ID	
105	305.900110	39.379976	TYC 3156-168-1	Star
119	305.922705	39.392787	TYC 3156-101-1	Star
130	305.930478	39.375692	TYC 3156-117-1	Star

6. Polarimetría — Mapa de polarización

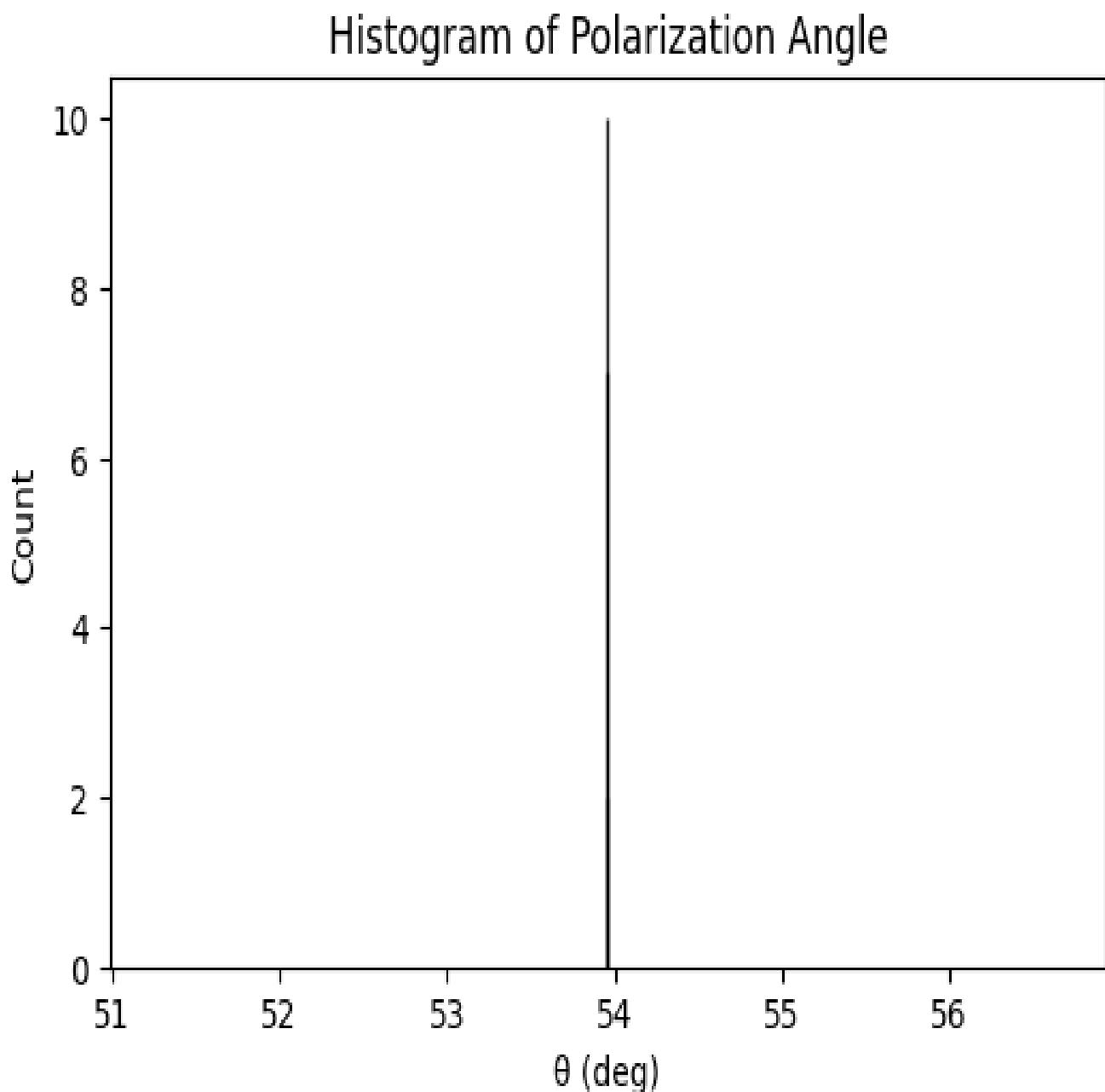


6. Polarimetría — Histograma de P

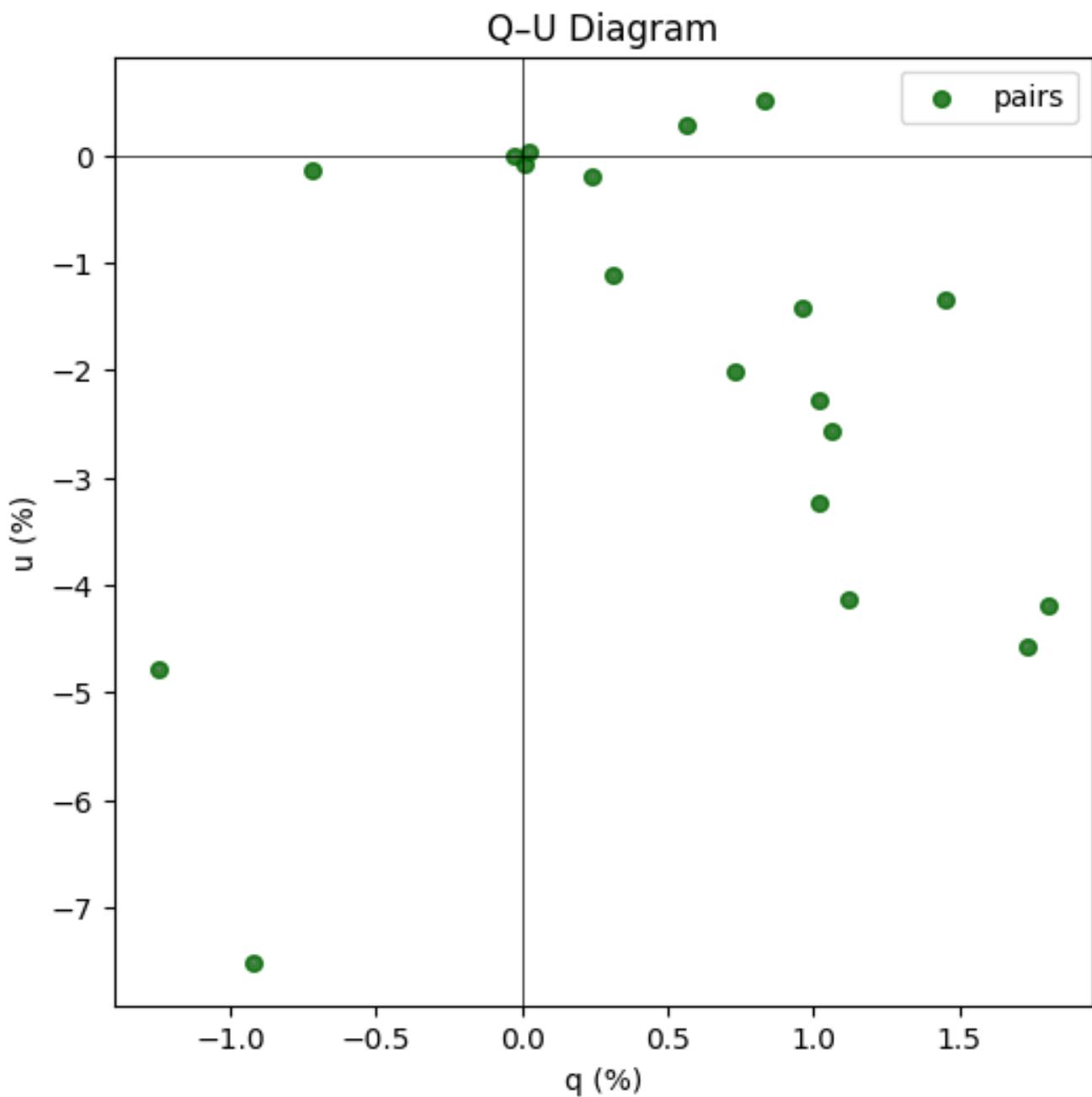
Histogram of Polarization Degree



6. Polarimetría — Histograma de θ



6. Polarimetría — Diagrama Q–U



6. Polarimetría — Estimación Interestelar (ISM)

Comp.	Q mean \pm Q σ	Q weight	U mean \pm U σ	U weight
0	1.220 ± 0.448	0.5763745865190846	-3.110 ± 1.192	0.7019206313845412
1	0.066 ± 0.514	0.4236254134809154	-0.140 ± 0.041	0.29807936861545886

Explicación de columnas:

Q Means: medias de la componente q estimada para la polarización interestelar.

Q sigmas: desviaciones estándar (σ) de los componentes gaussianos ajustados a q.

Q weights: pesos relativos de cada componente gaussiano en la mezcla de q.

U Means: medias de la componente u estimada para la polarización interestelar.

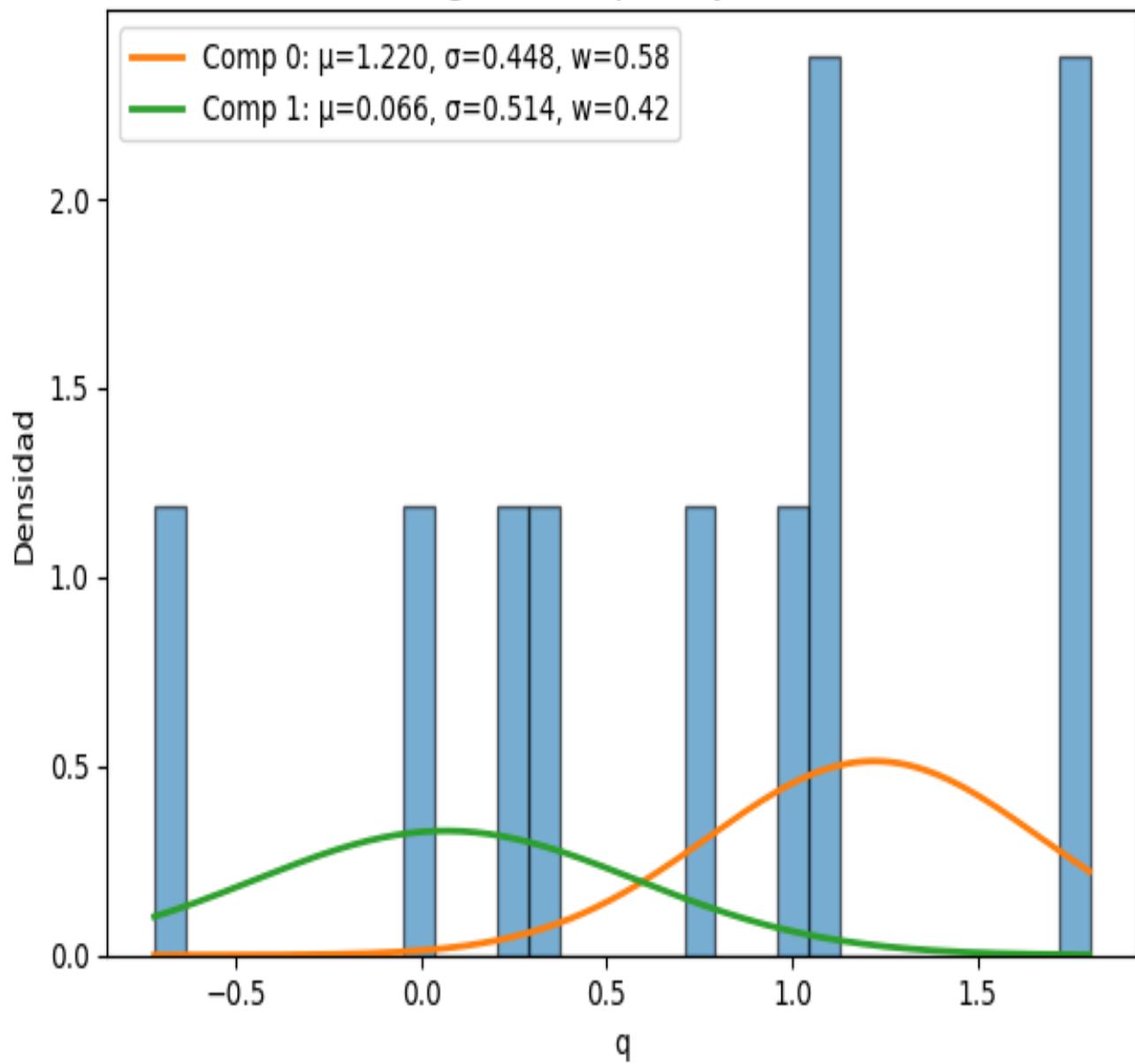
U sigmas: desviaciones estándar (σ) de los componentes gaussianos ajustados a u.

U weights: pesos relativos de cada componente gaussiano en la mezcla de u.

6. Polarimetría — Histograma de ISM con ajuste GMM

Q

Histograma de q con ajuste GMM



6. Polarimetría — Histograma de ISM con ajuste GMM U

