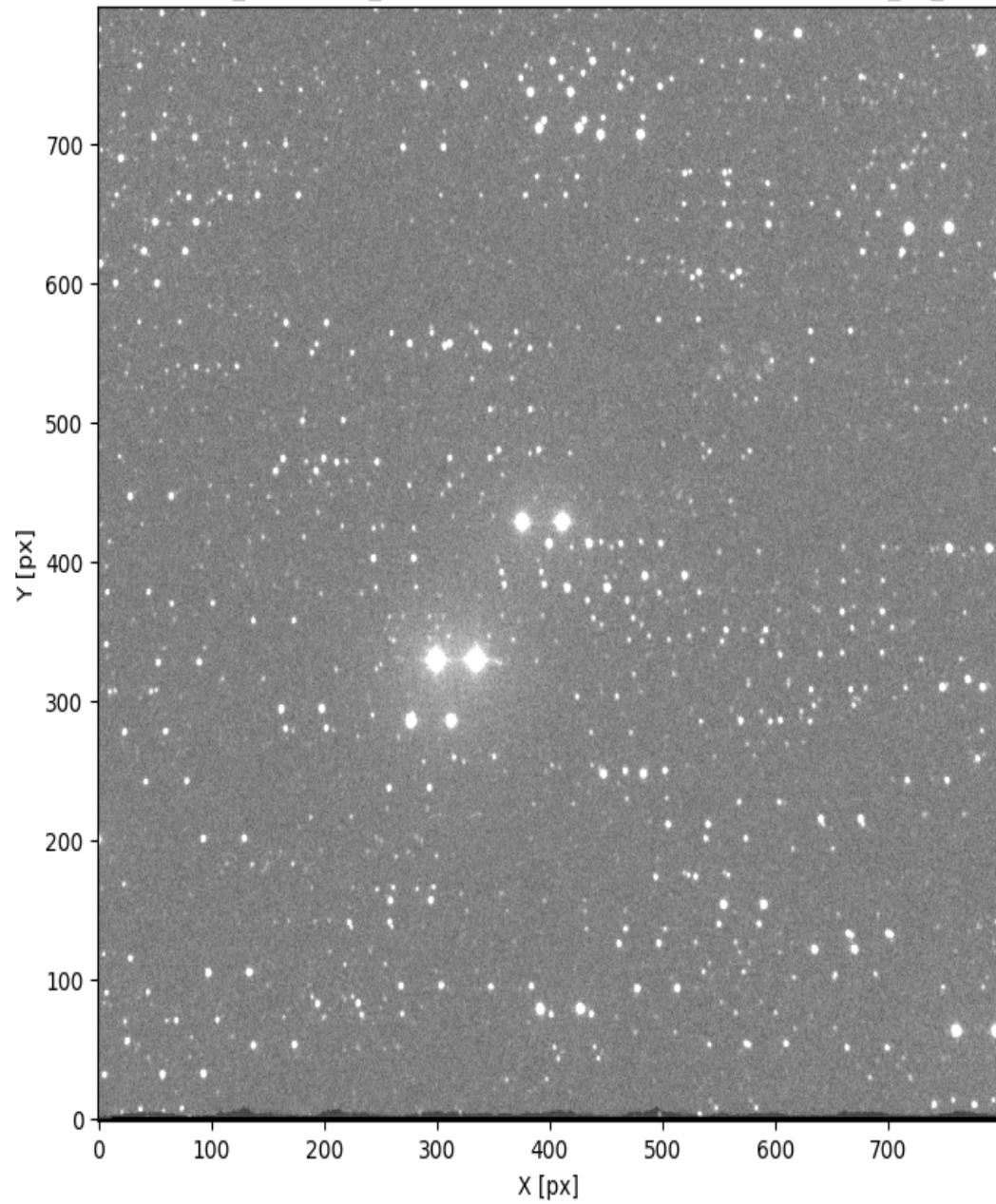
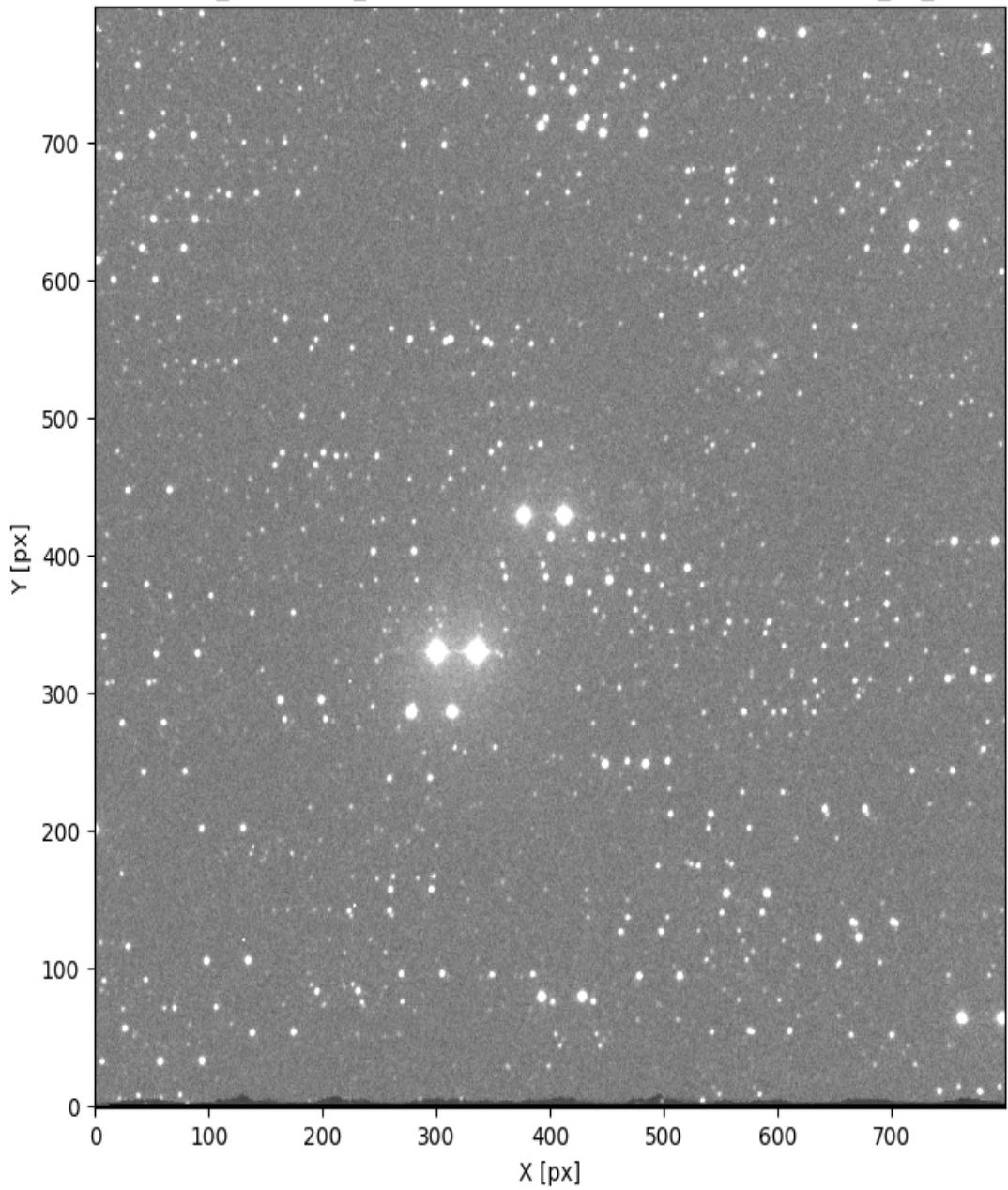


1. Imágenes originales

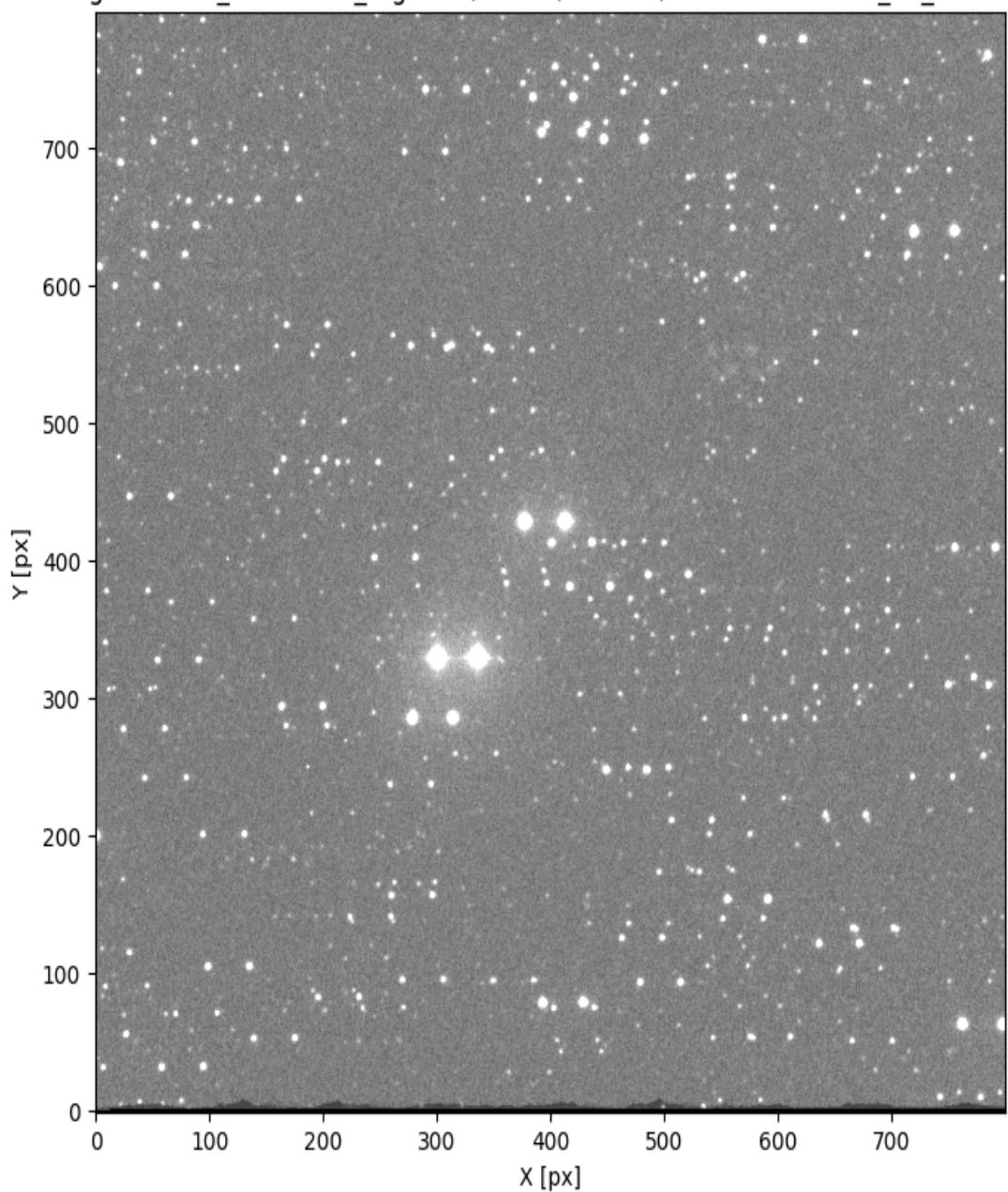
Reference Image noche1_20230720_organize/SS397/Besselli/caf-20230720-22_59_02-sci-blap_b_f.fits



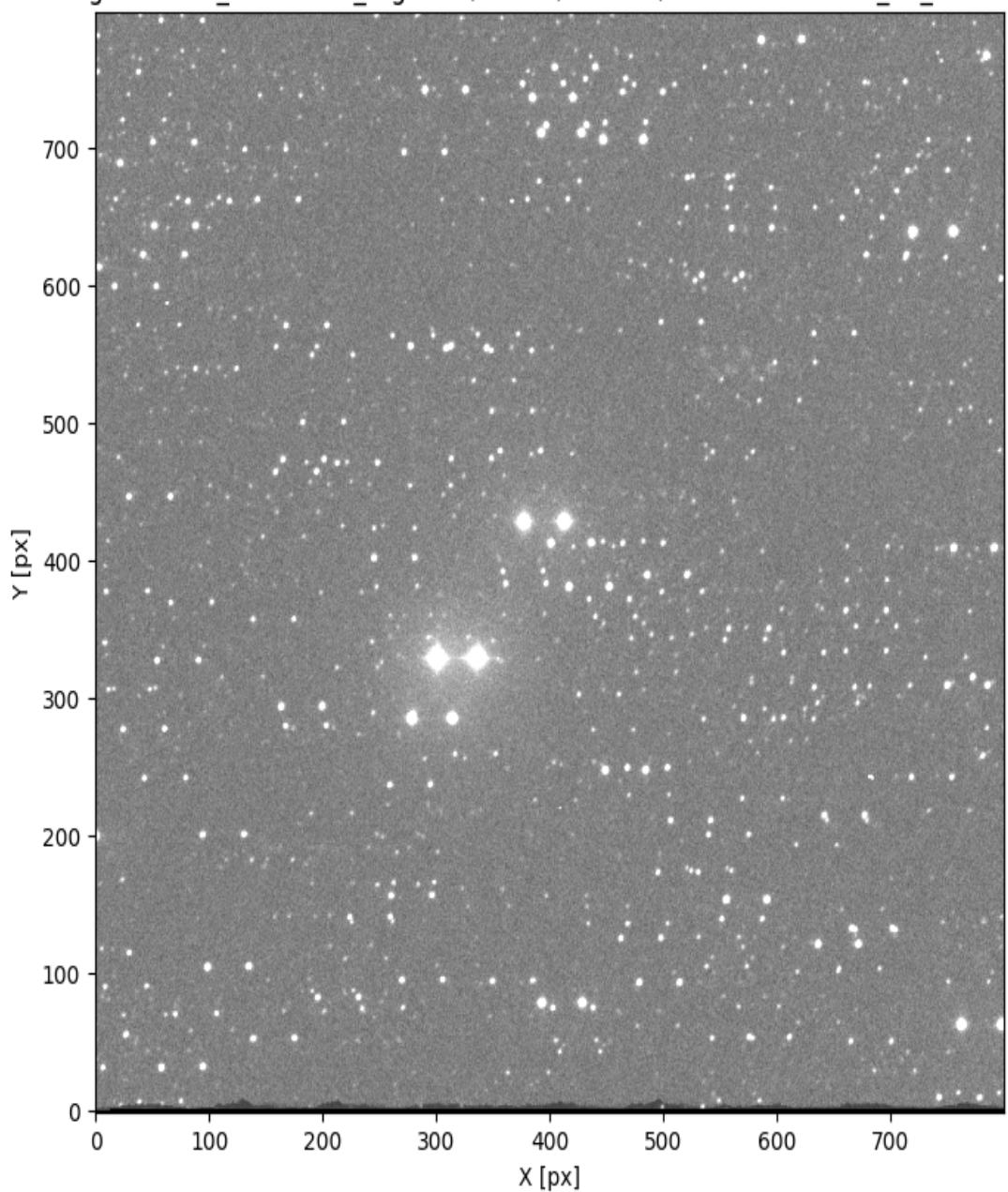
Original Image noche1_20230720_organize/SS397/Besselli/caf-20230720-22_59_48-sci-blap_b_f.fits



Original Image noche1_20230720_organize/SS397/Besselli/caf-20230720-23_00_35-sci-blap_b_f.fits

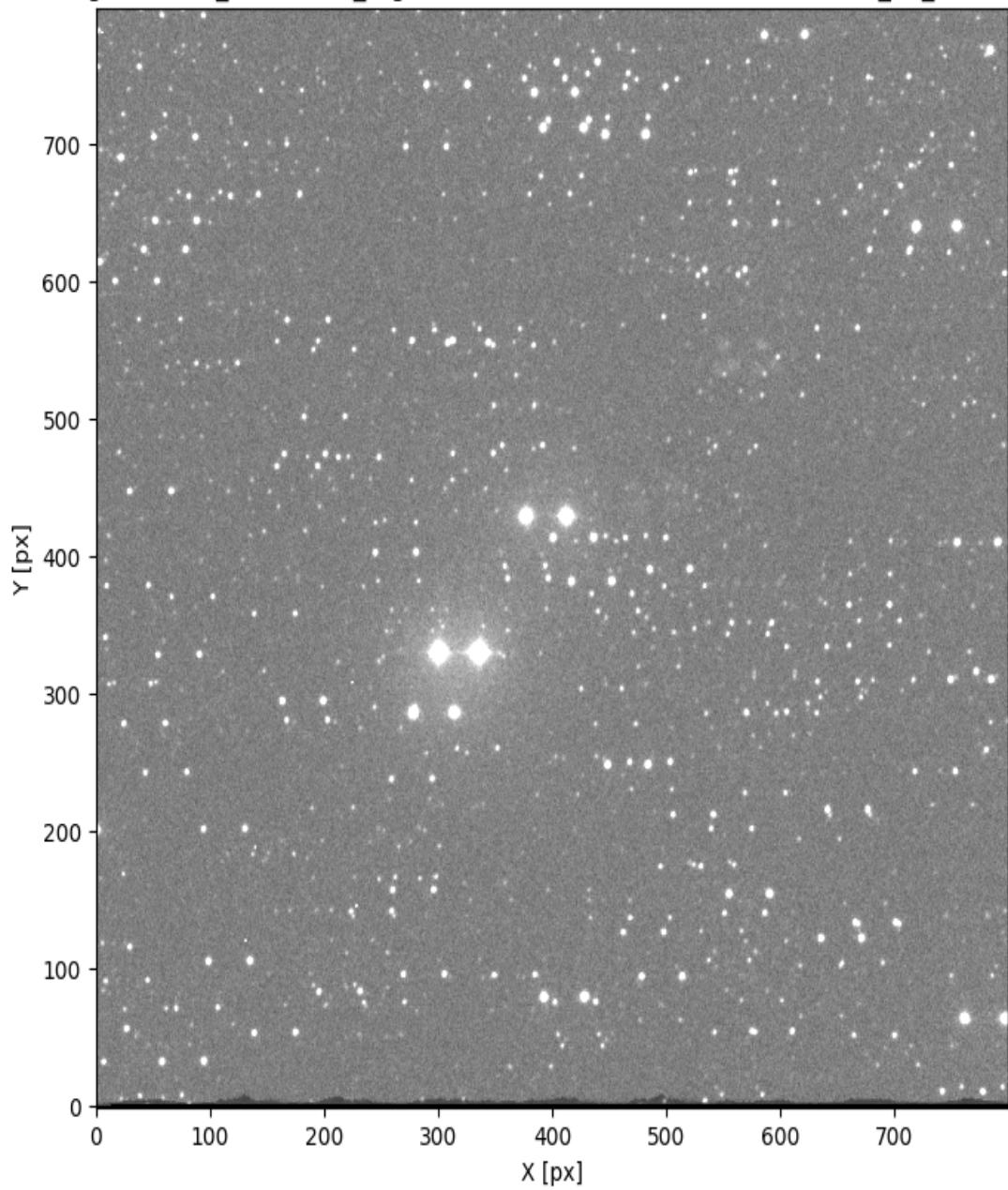


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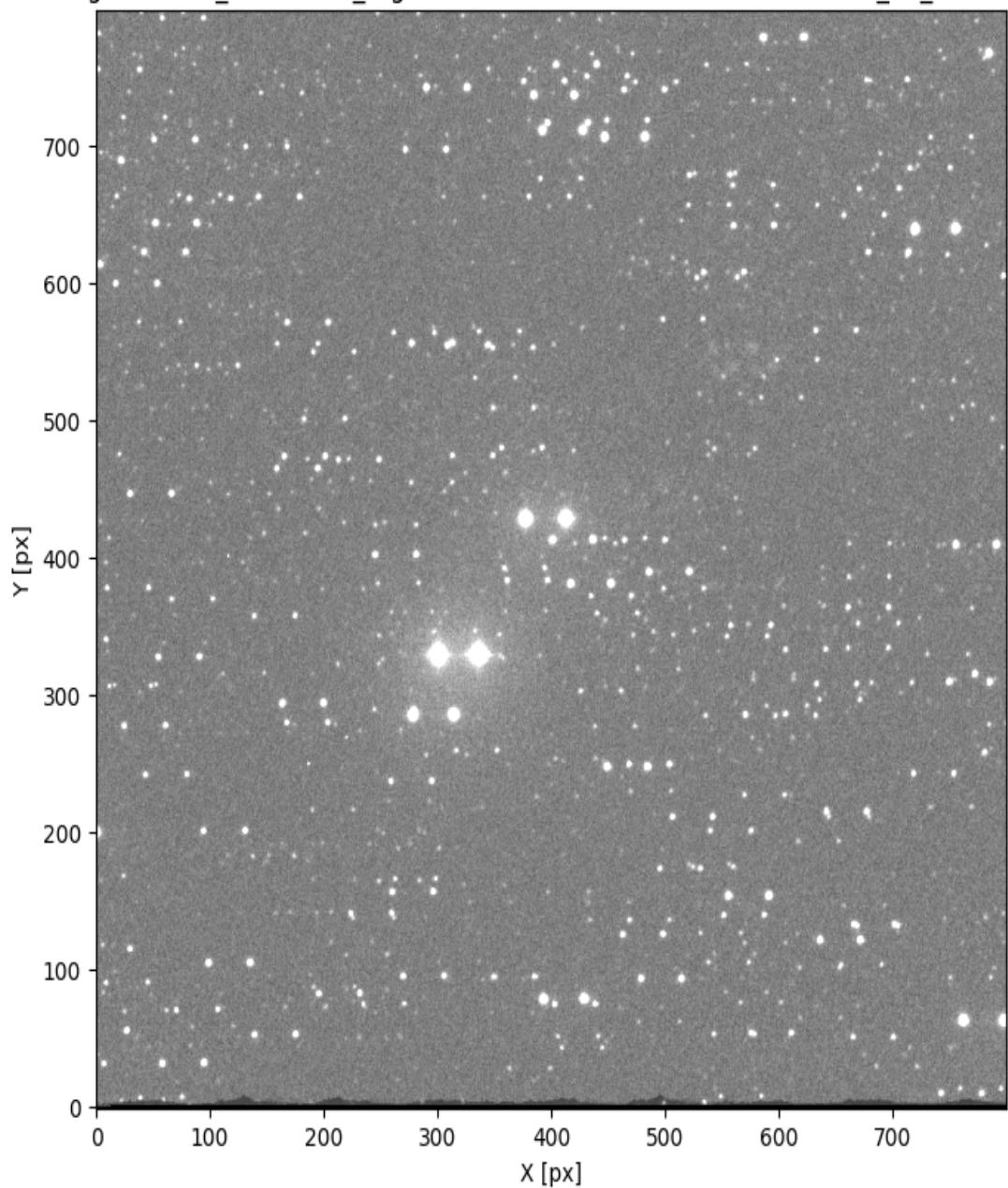


2. Imágenes alineadas

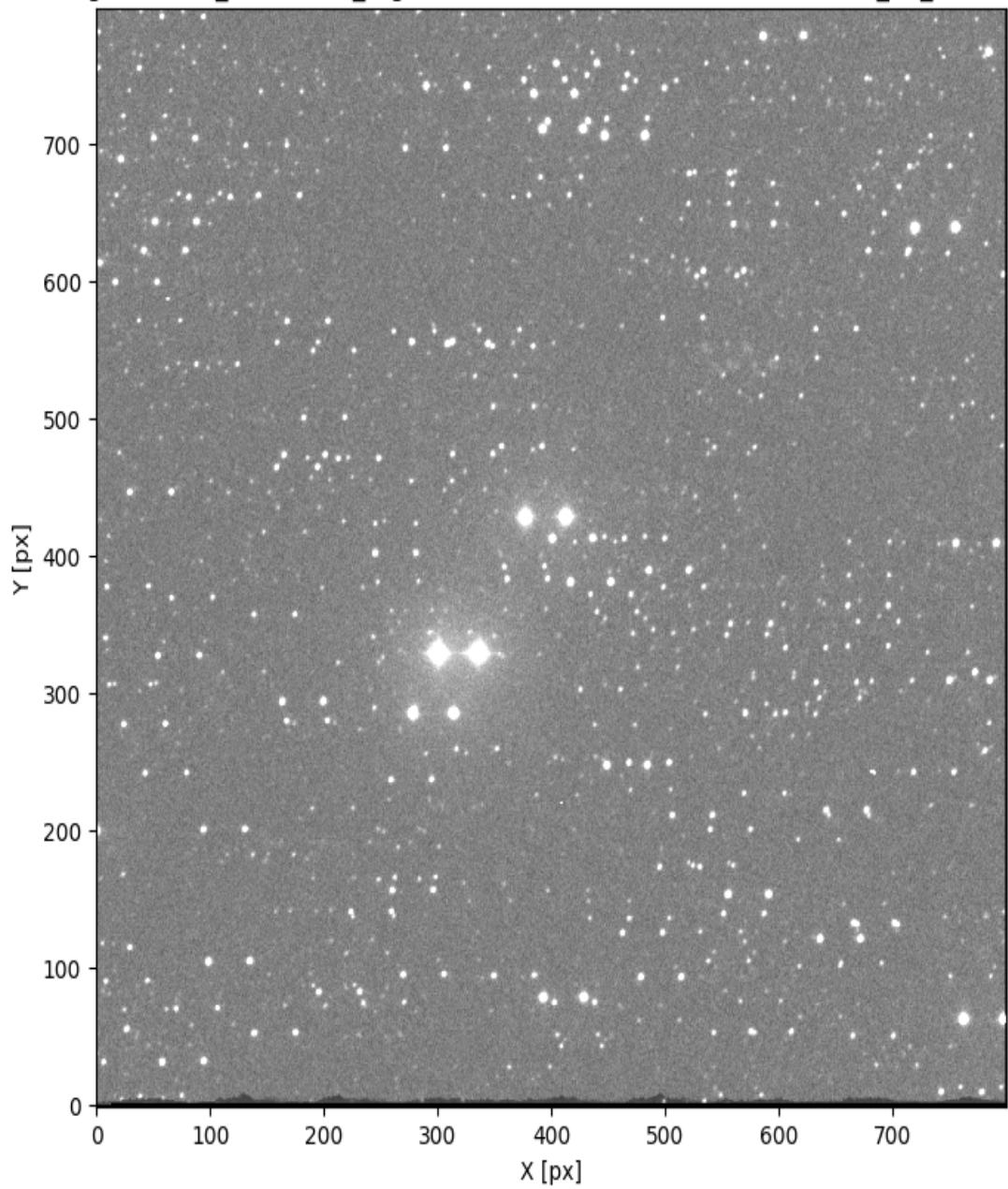
Aligned Image noche1_20230720_organize/SS397/Besselli/caf-20230720-22_59_48-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/SS397/Besselli/caf-20230720-23_00_35-sci-blap_b_f.fits

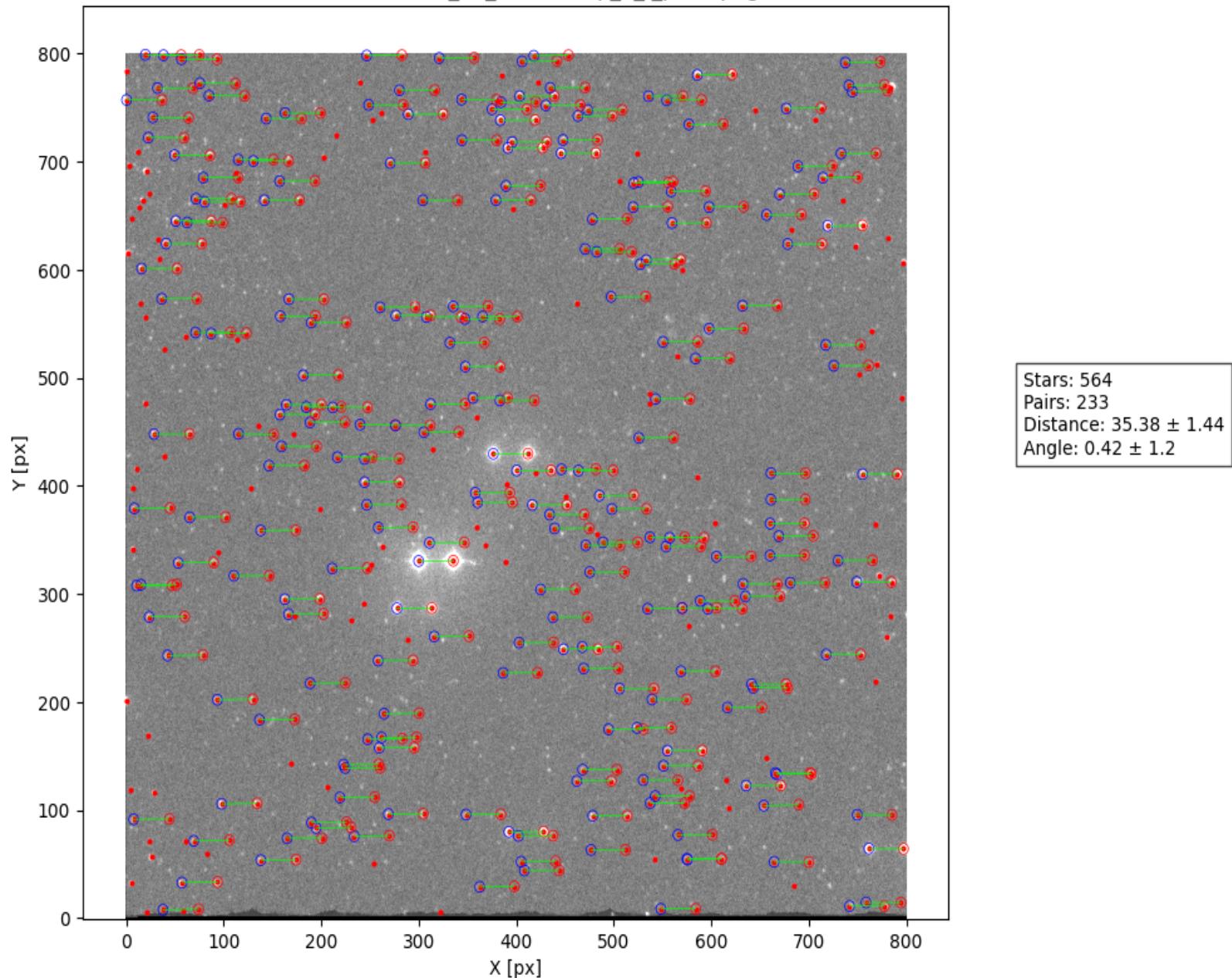


Aligned Image noche1_20230720_organize/SS397/Besselli/caf-20230720-23_01_22-sci-blap_b_f.fits

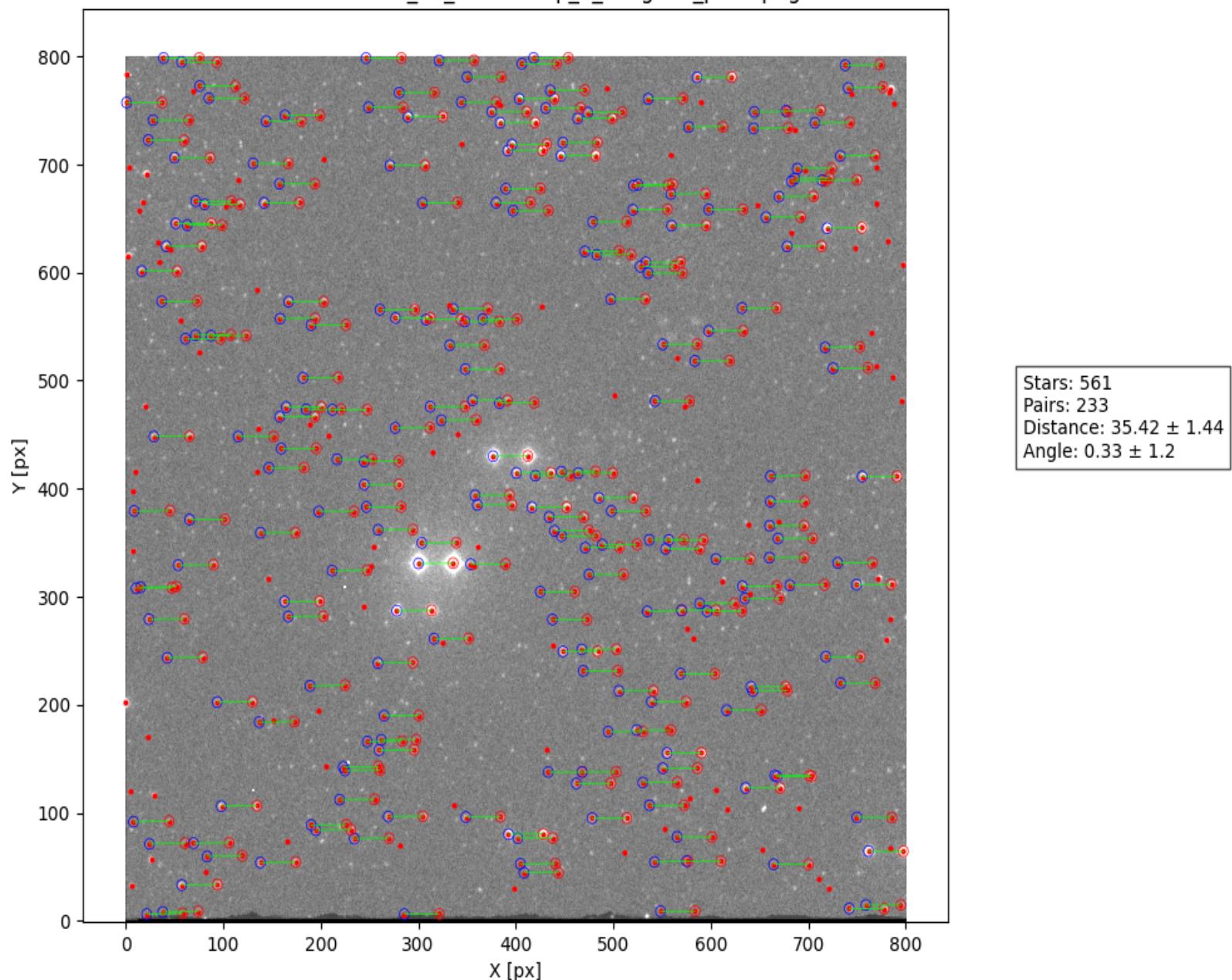


3. Imágenes con pares identificados

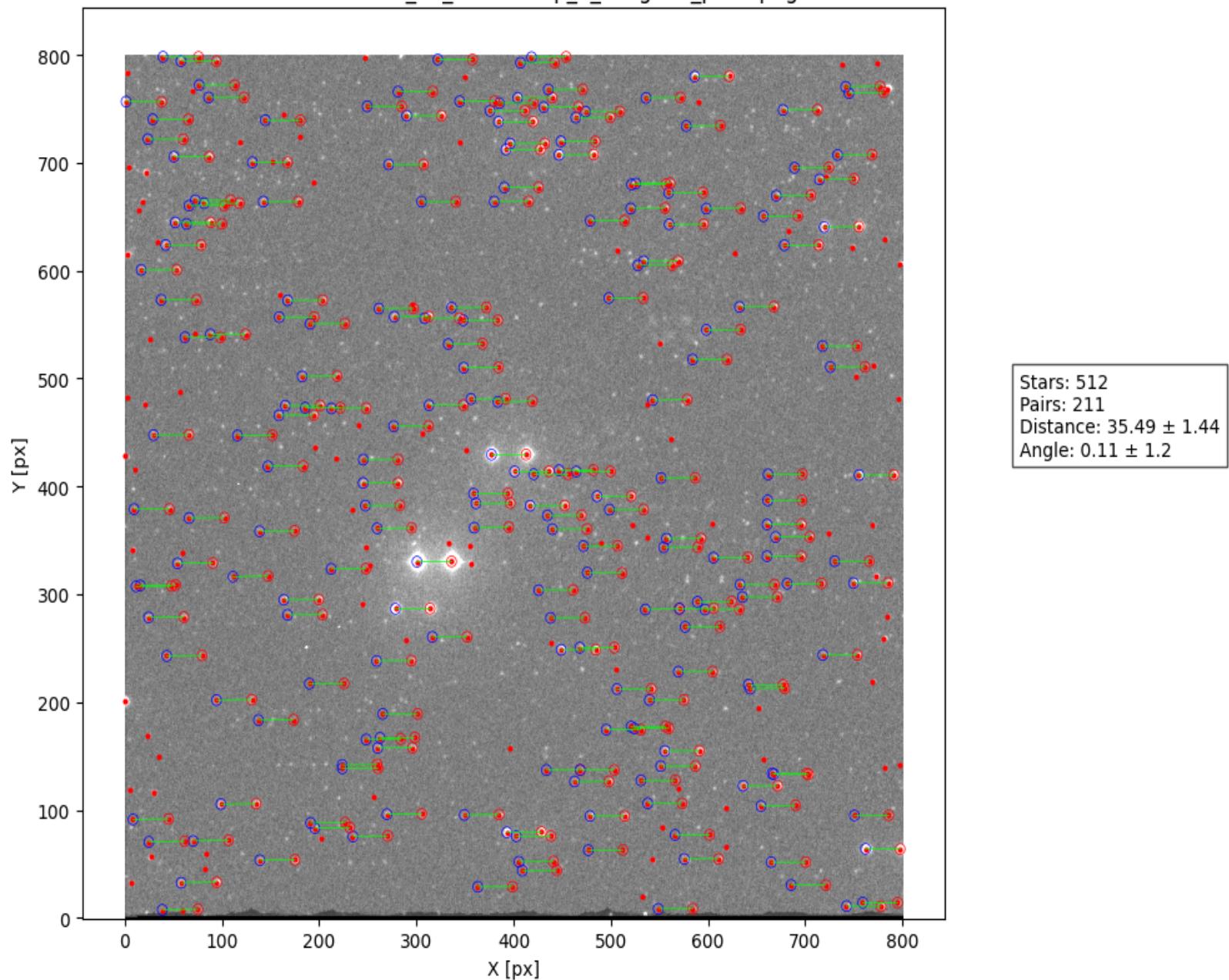
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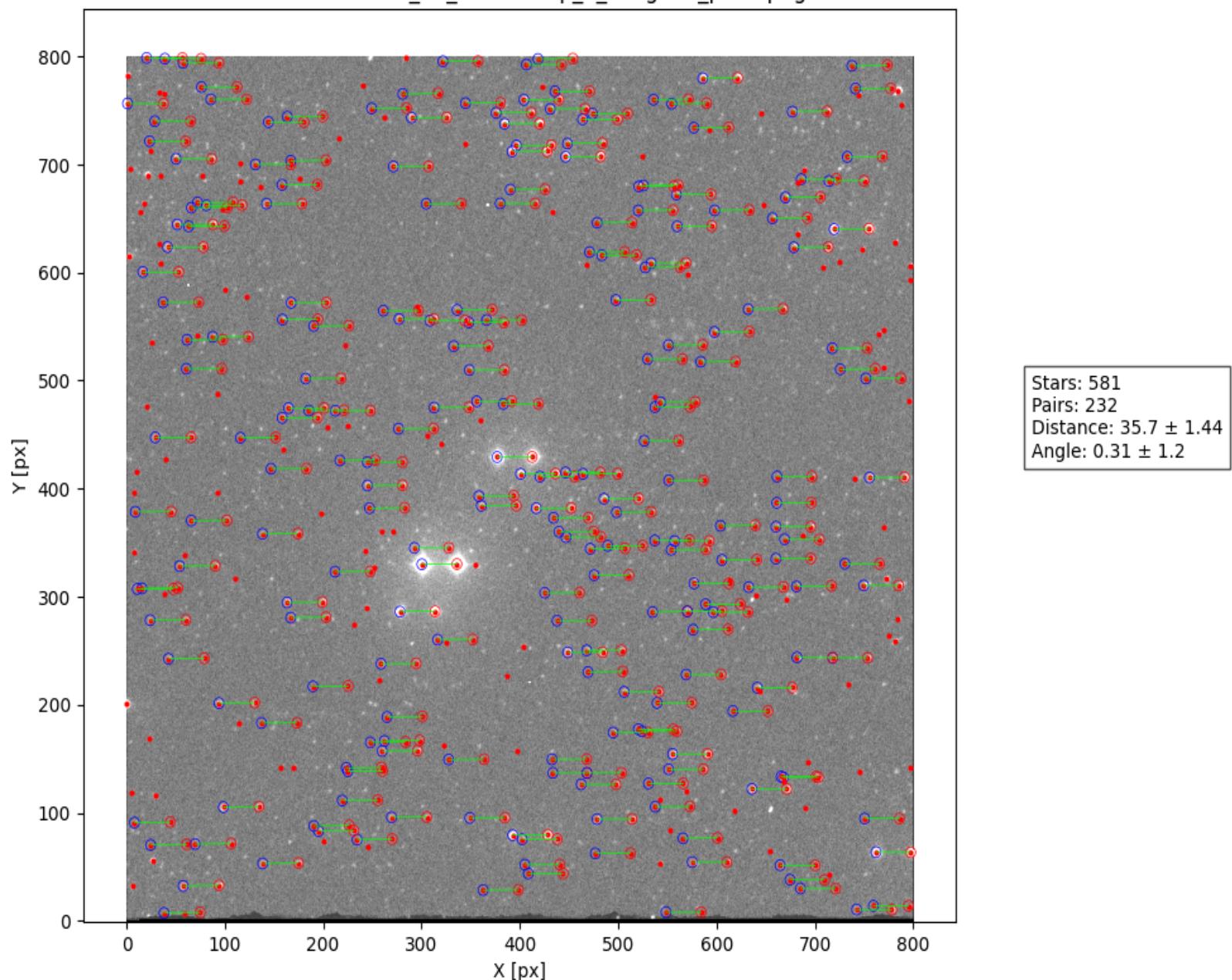
caf-20230720-22_59_48-sci-blap_b_f-aligned_pairs.png



caf-20230720-23_00_35-sci-blap_b_f-aligned_pairs.png

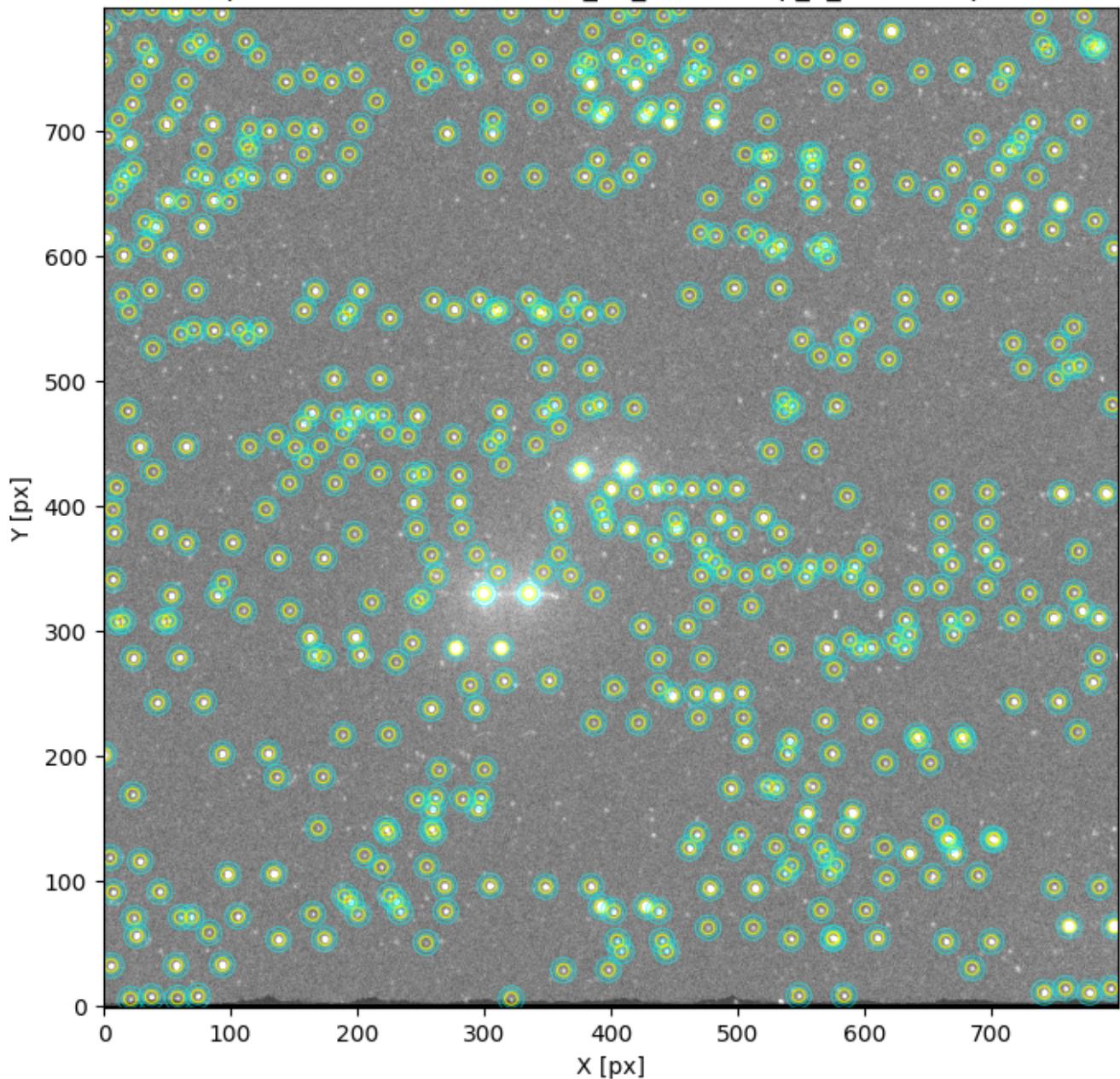


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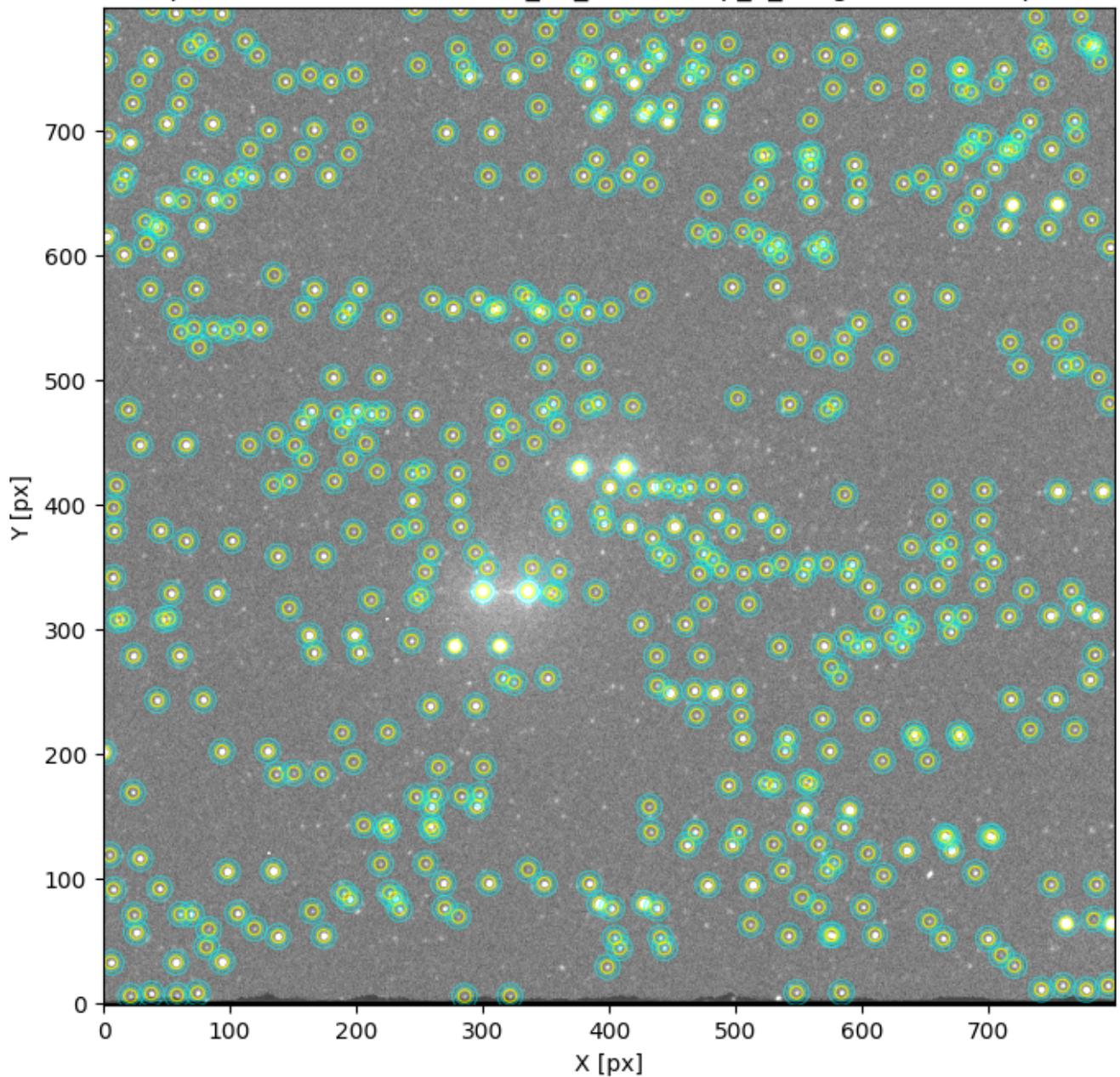


4. Fotometría — Aperturas

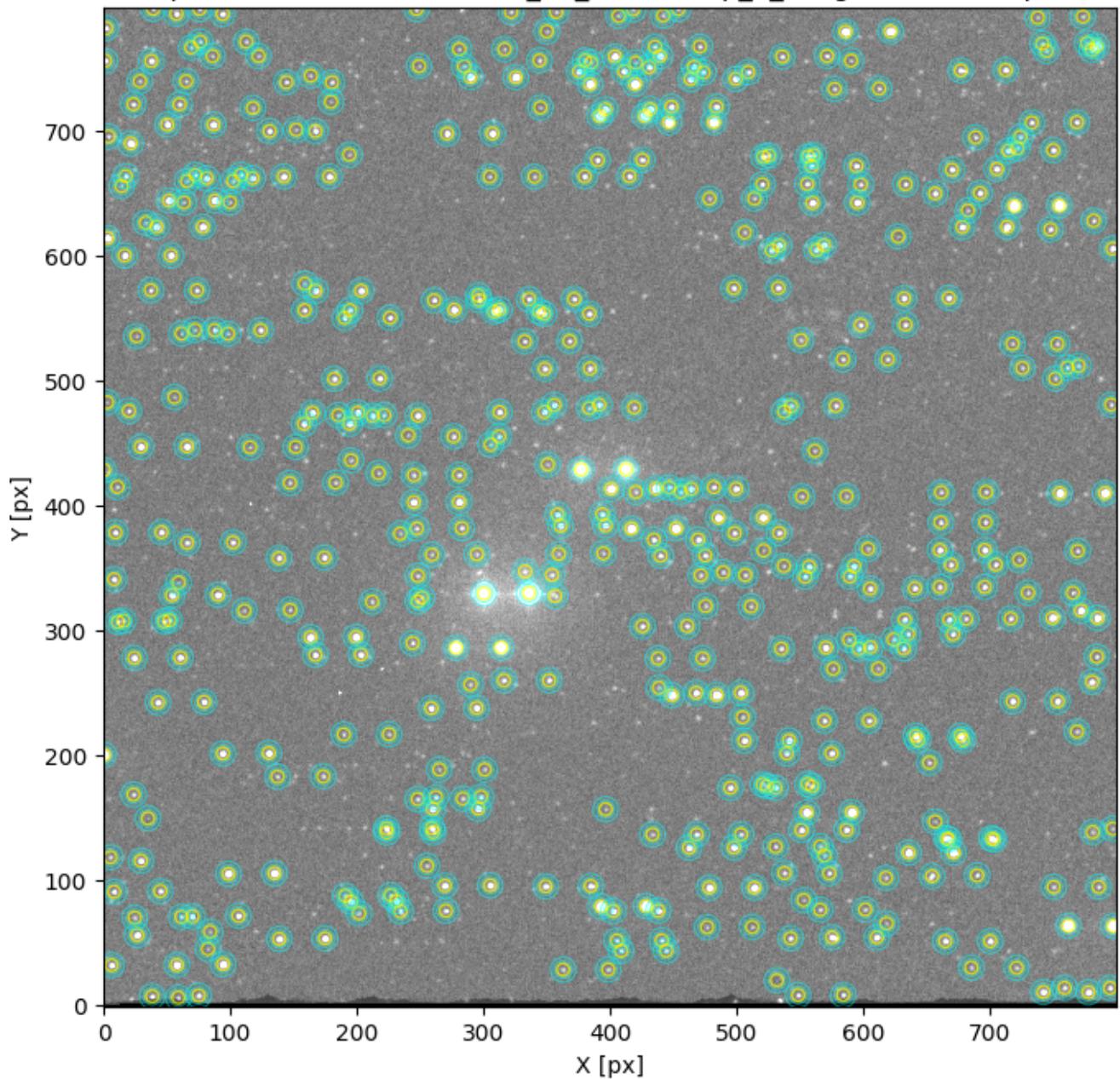
Apertures caf-20230720-22_59_02-sci-blap_b_f.fits ($r=5\text{px}$)



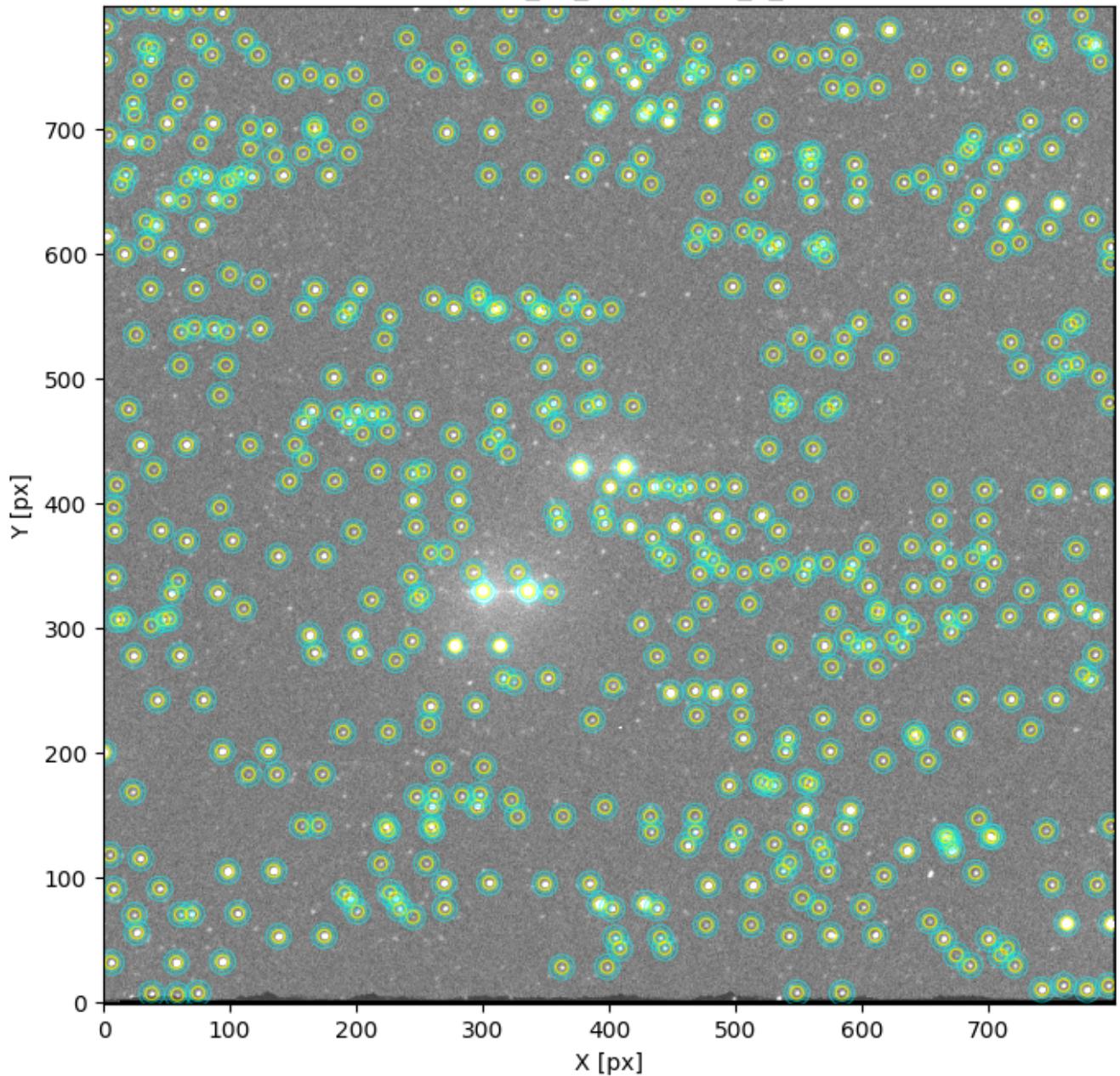
Apertures caf-20230720-22_59_48-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230720-23_00_35-sci-blap_b_f-aligned.fits (r=5px)

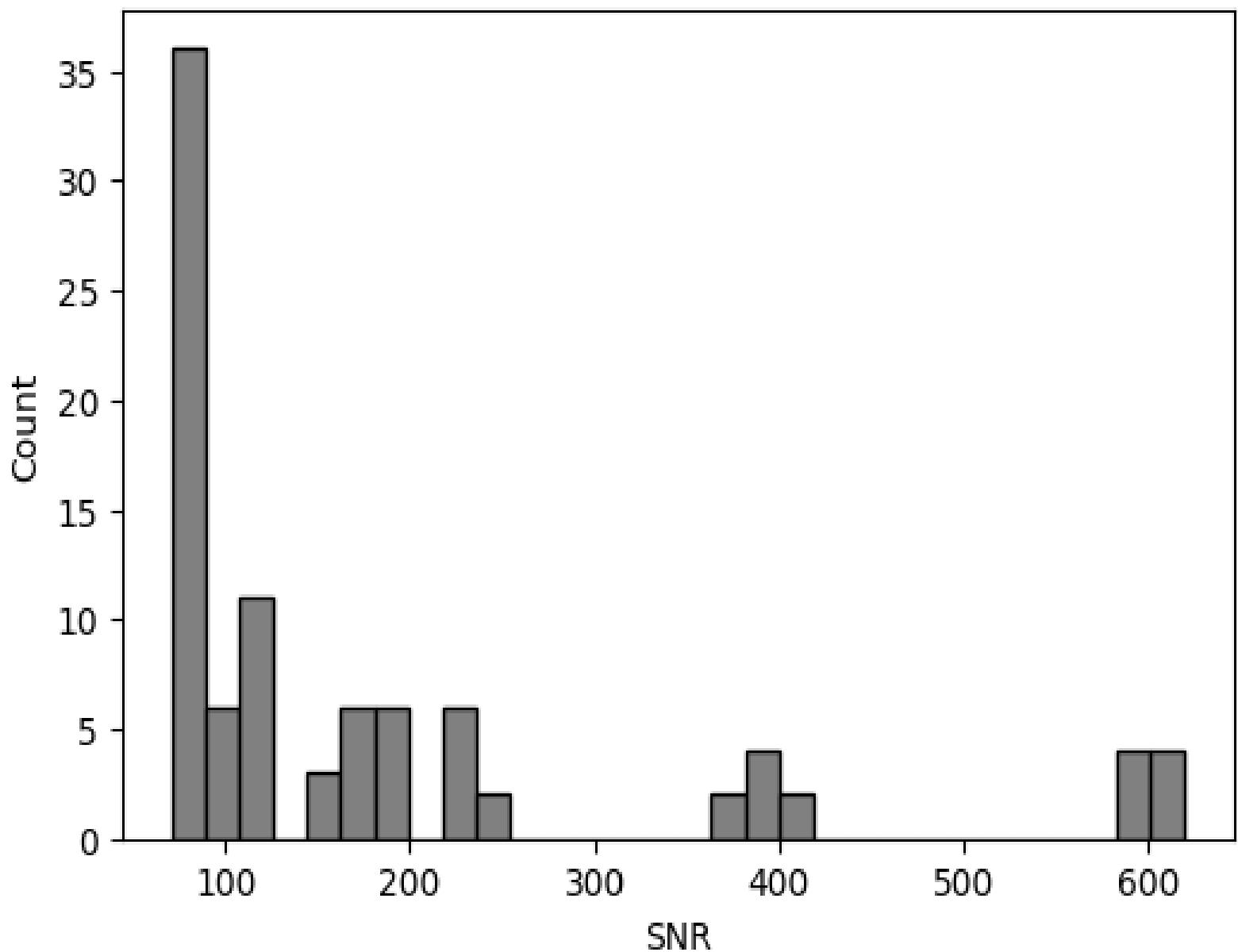


Apertures caf-20230720-23_01_22-sci-blap_b_f-aligned.fits (r=5px)

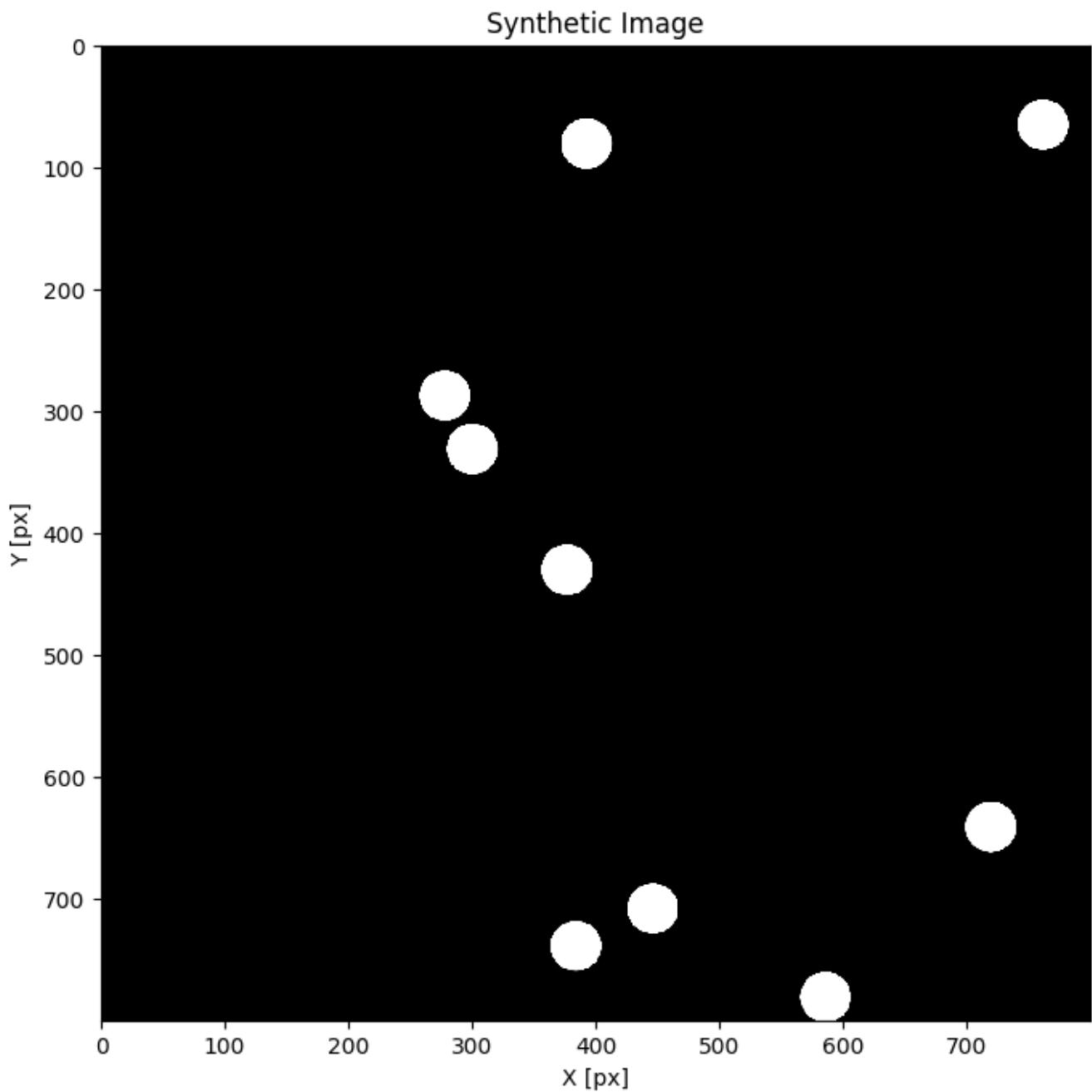


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



5. Astrometría — Imagen sintética



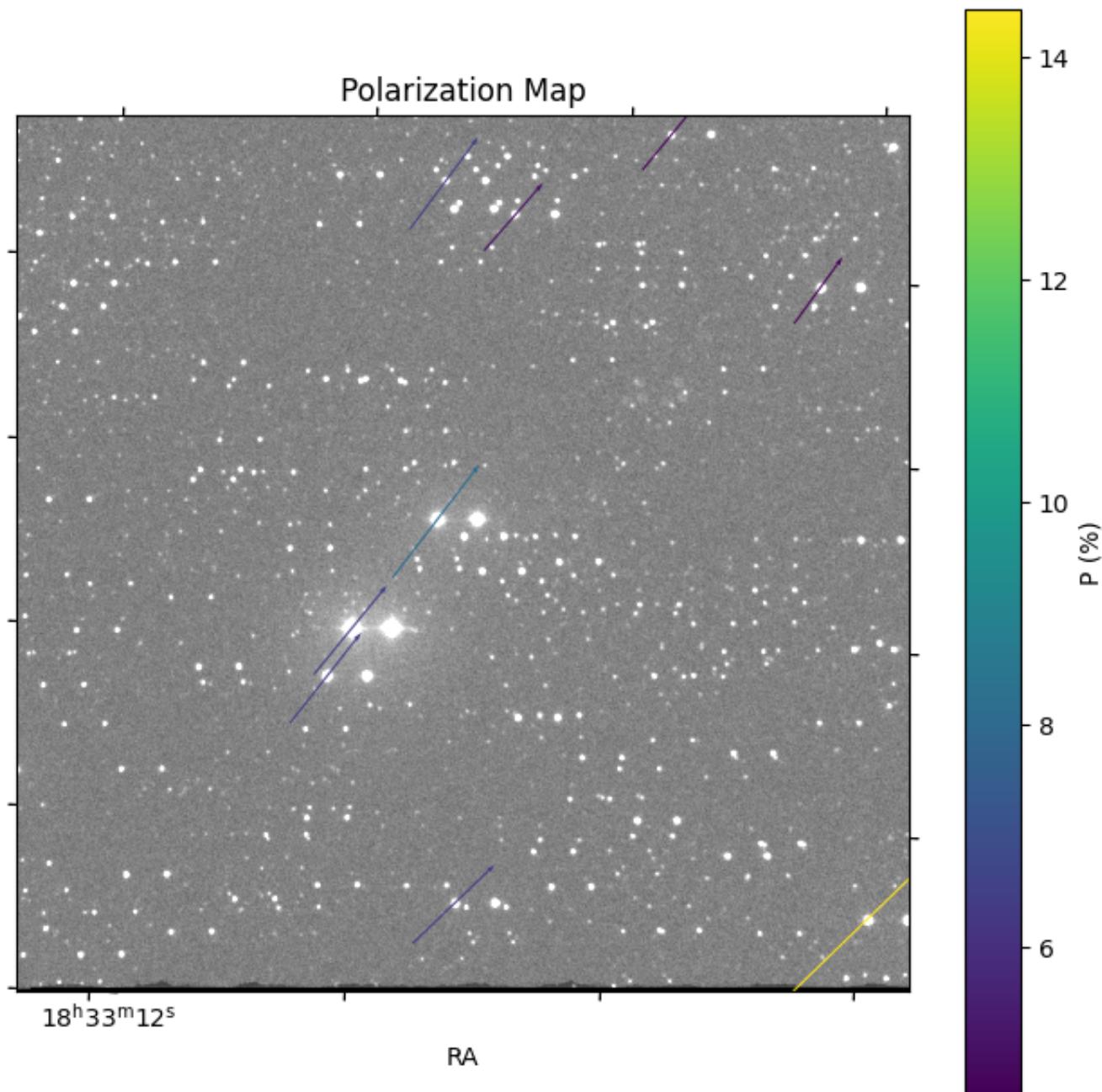
5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
13	278.313495	-10.532186	Gaia DR3 4155013763742890240	Star
19	278.313663	-10.586069	No_ID	
71	278.343736	-10.603931	Gaia DR3 4154999298292954752	Star
86	278.350375	-10.600925	Gaia DR3 4154999328346069632	Star
120	278.365553	-10.590275	ATO J278.3657-10.5901	HighMassXBin
166	278.398763	-10.541376	Gaia DR2 4155001458649122304	Star
192	278.407245	-10.581596	Gaia DR2 4155000668375096320	Star
200	278.411457	-10.590853	Gaia DR2 4155000668375096320	Star
224	278.418773	-10.561586	Gaia DR2 4155000810121416704	Star

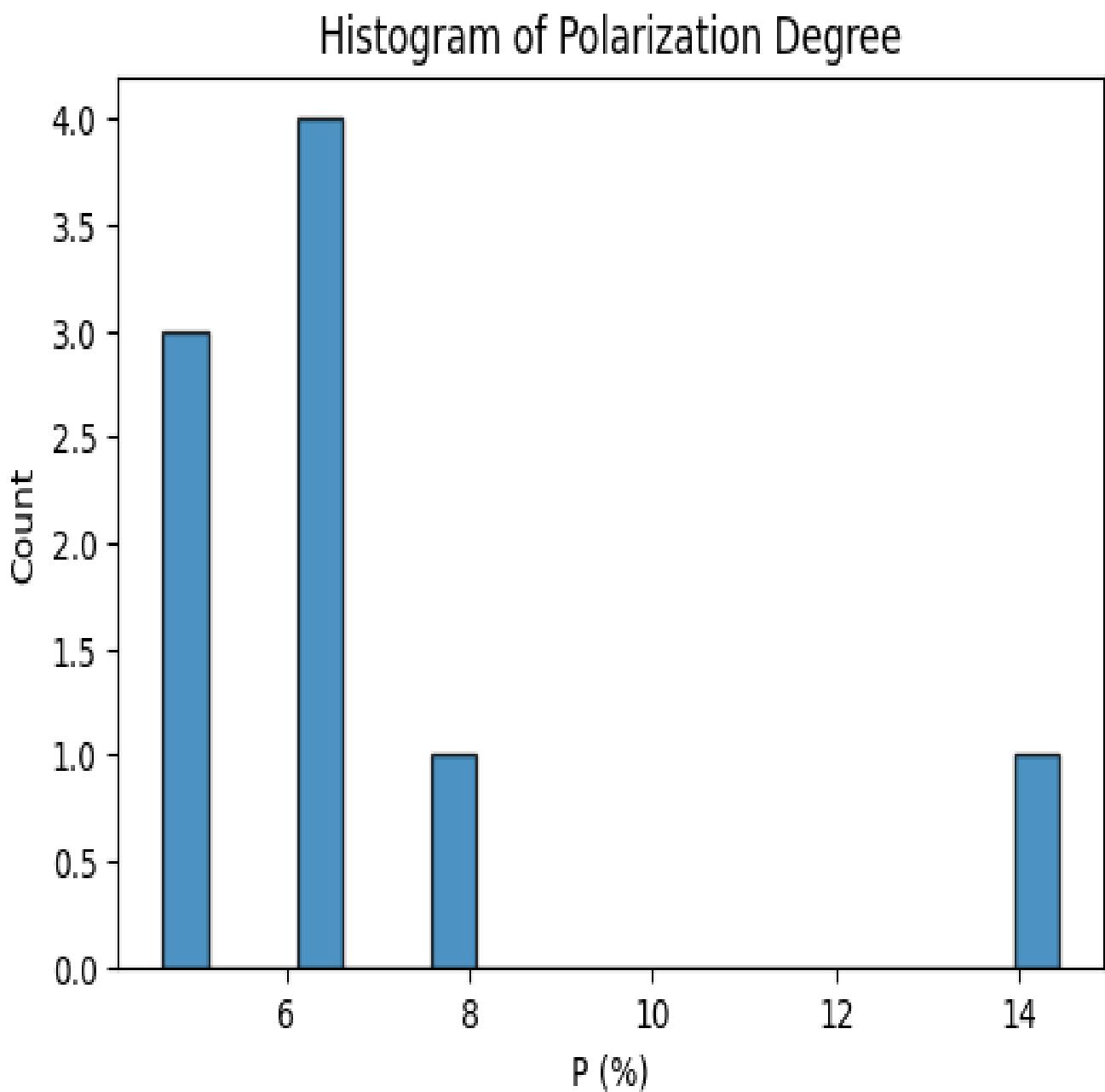
6. Polarimetría — Estimación Interestelar (ISM)

Comp.	Q mean	Q σ	Q weight	U mean	U σ	U weight	Dominante Q	Dominante U
0	-1.647	0.375	0.69	5.970	1.167	0.83	✓	✓
1	-0.320	0.529	0.31	14.433	0.001	0.17		

6. Polarimetría — Mapa de polarización

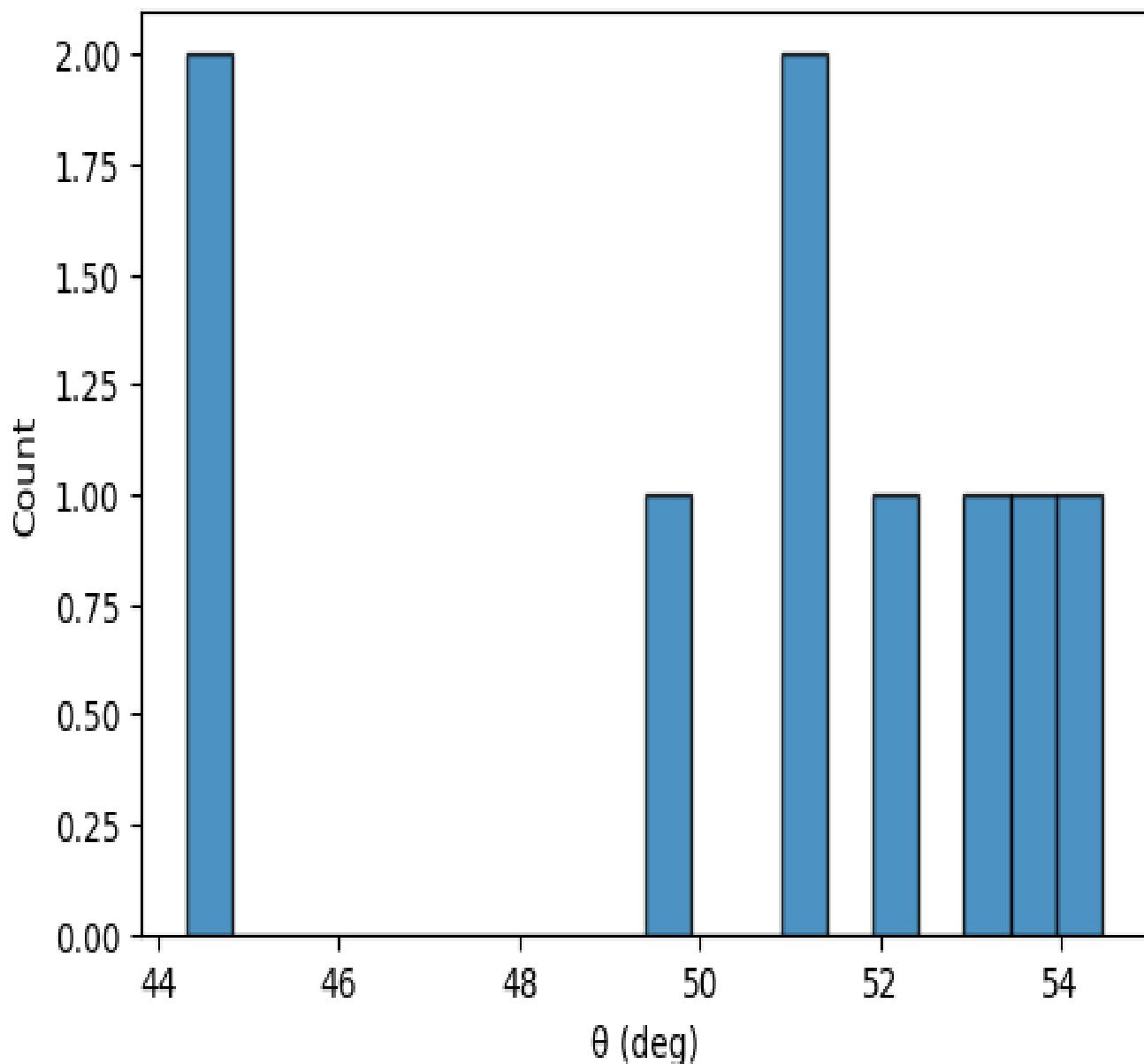


6. Polarimetría — Histograma de P

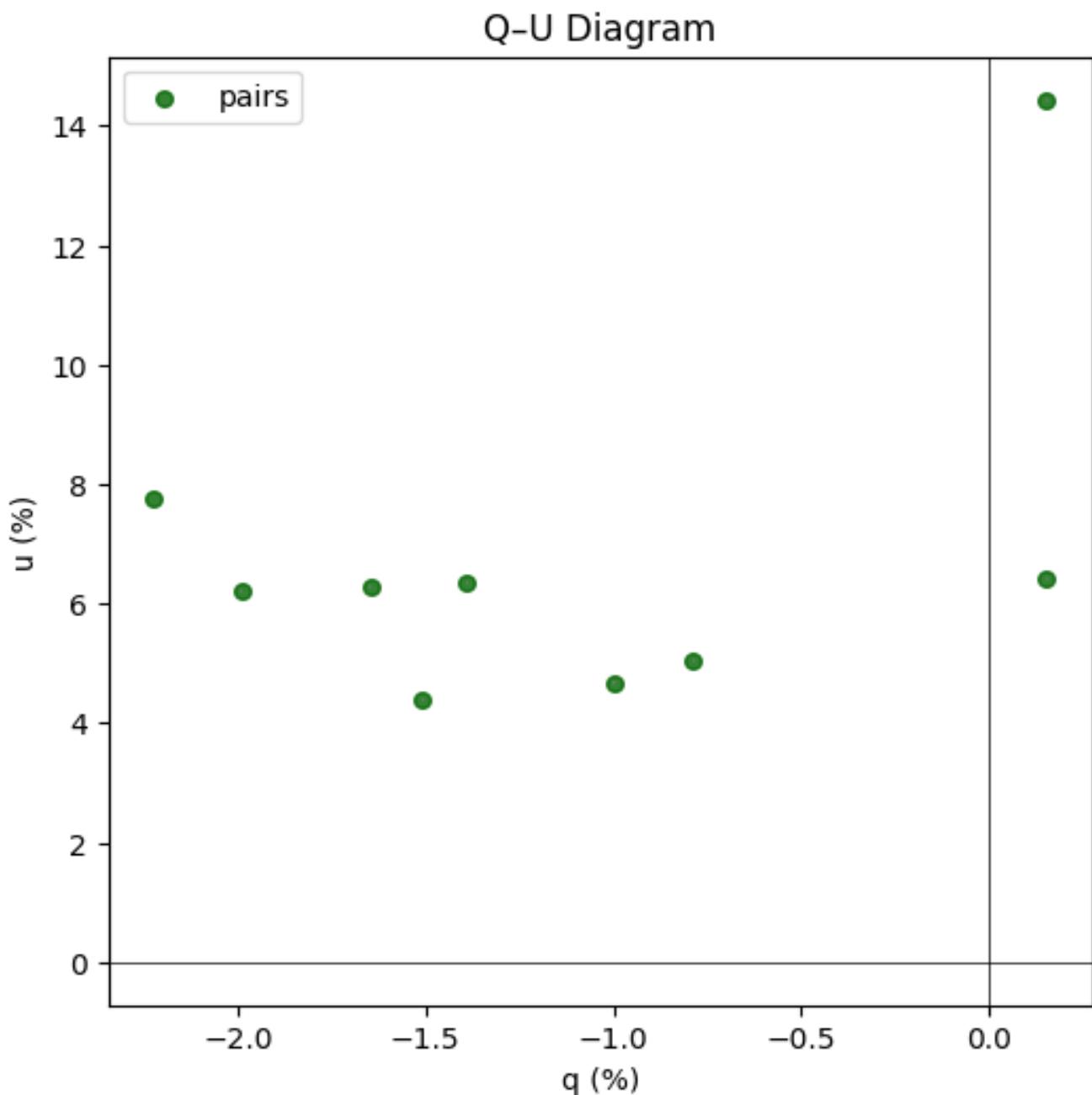


6. Polarimetría — Histograma de θ

Histogram of Polarization Angle



6. Polarimetría — Diagrama Q–U



6. Polarimetría — Estimación Interestelar (ISM)

Comp.	Q mean	Q σ	Q weight	U mean	U σ	U weight	Dom Q	Dom U
1	-0.320	0.529	0.31	14.433	0.001	0.17		

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.

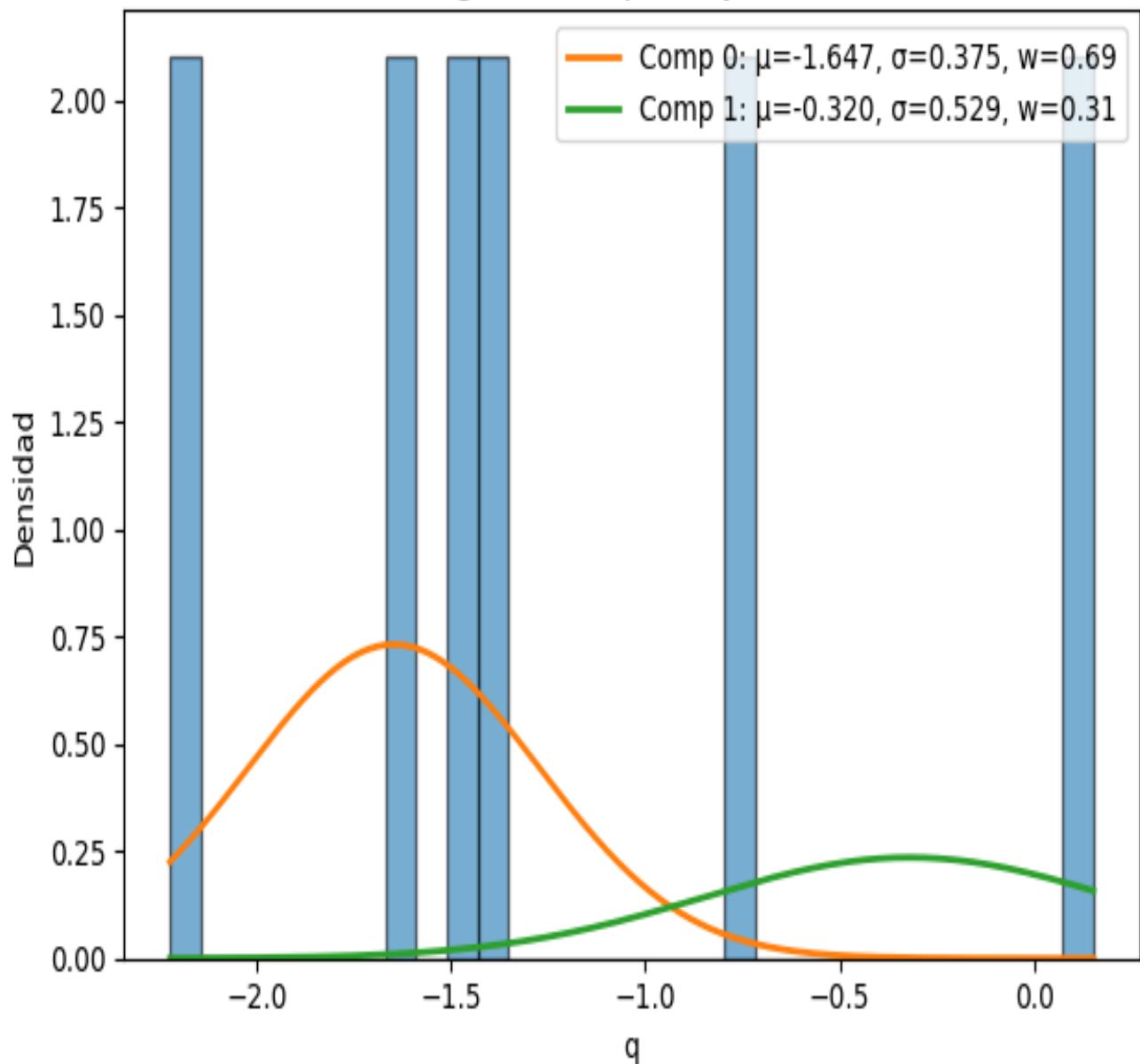
U Means: medias de la componente u estimada para la polarización interestelar.

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

