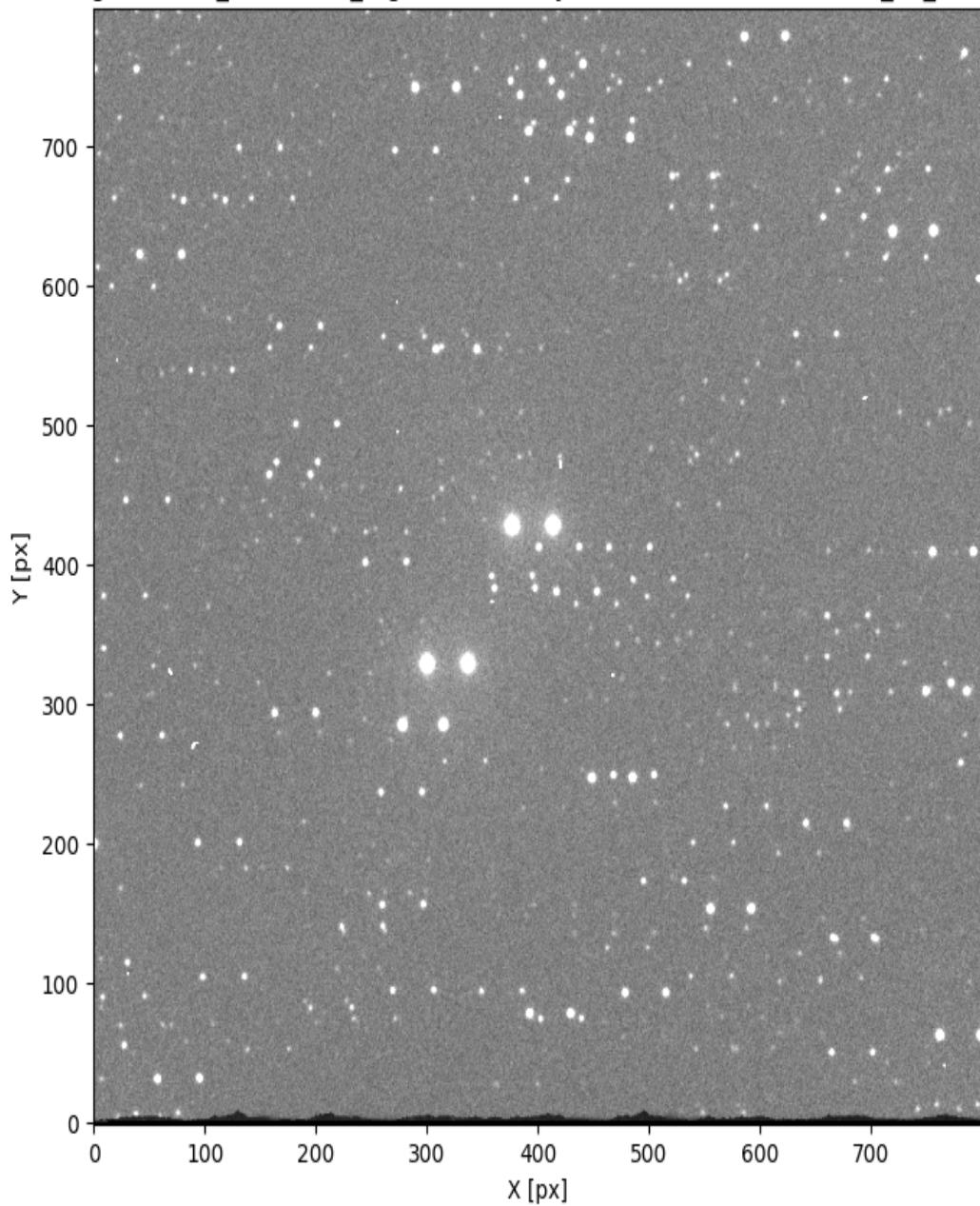
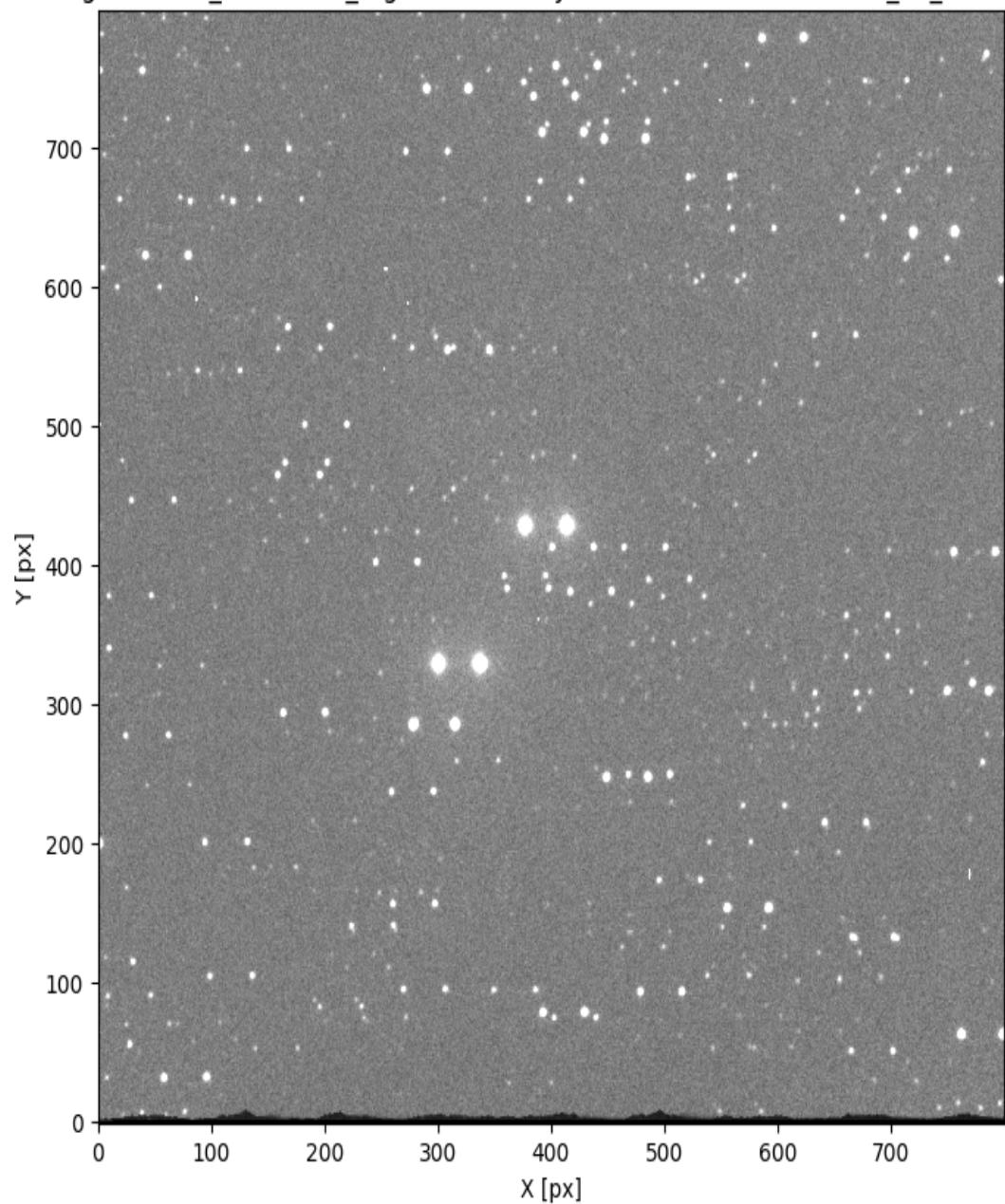


1. Imágenes originales

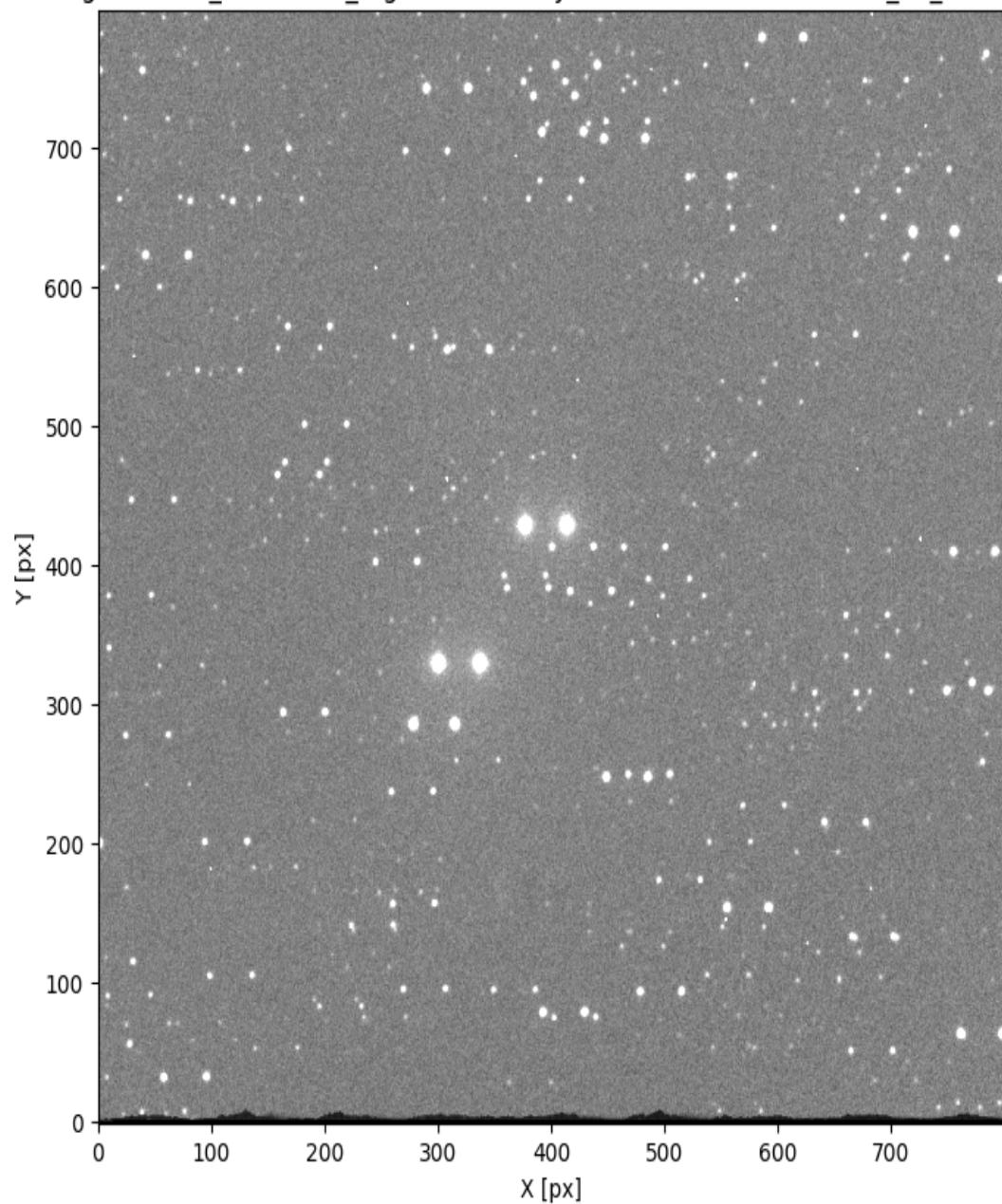
Reference Image noche1_20230720_organize/SS397/JohnsonV/caf-20230720-22_49_14-sci-blap_b_f.fits



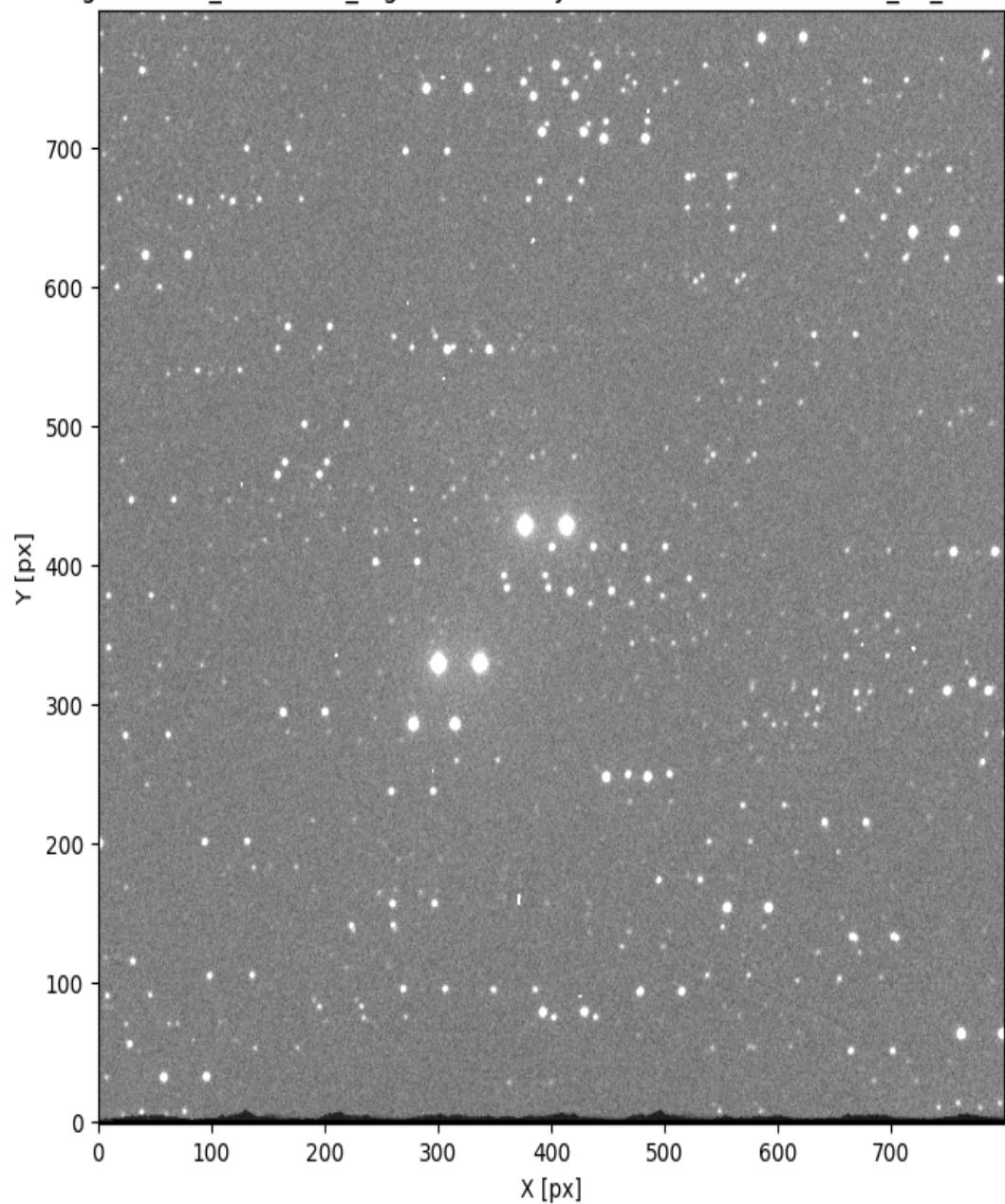
Original Image noche1_20230720_organize/SS397/JohnsonV/caf-20230720-22_50_27-sci-blap_b_f.fits



Original Image noche1_20230720_organize/SS397/JohnsonV/caf-20230720-22_51_39-sci-blap_b_f.fits

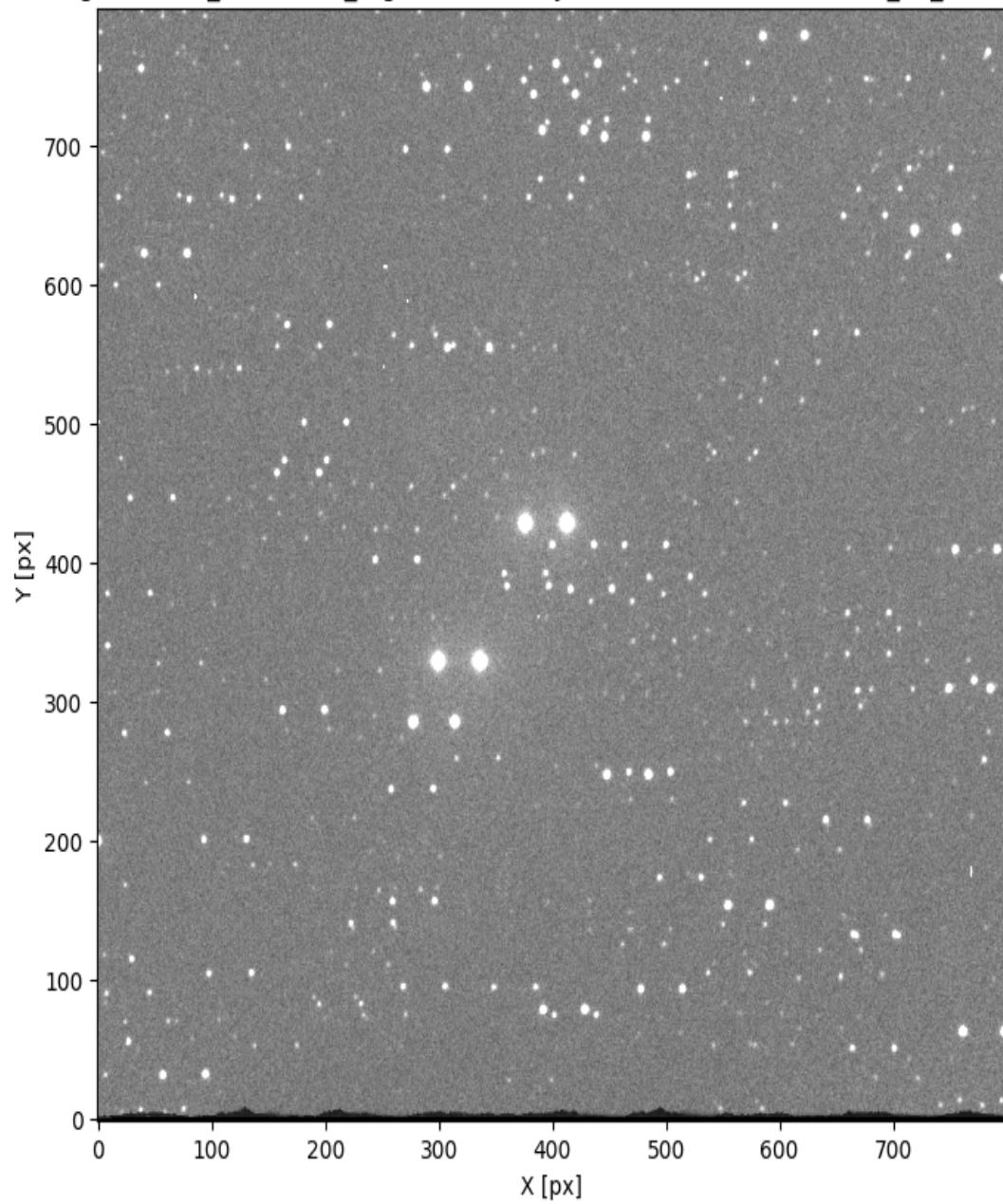


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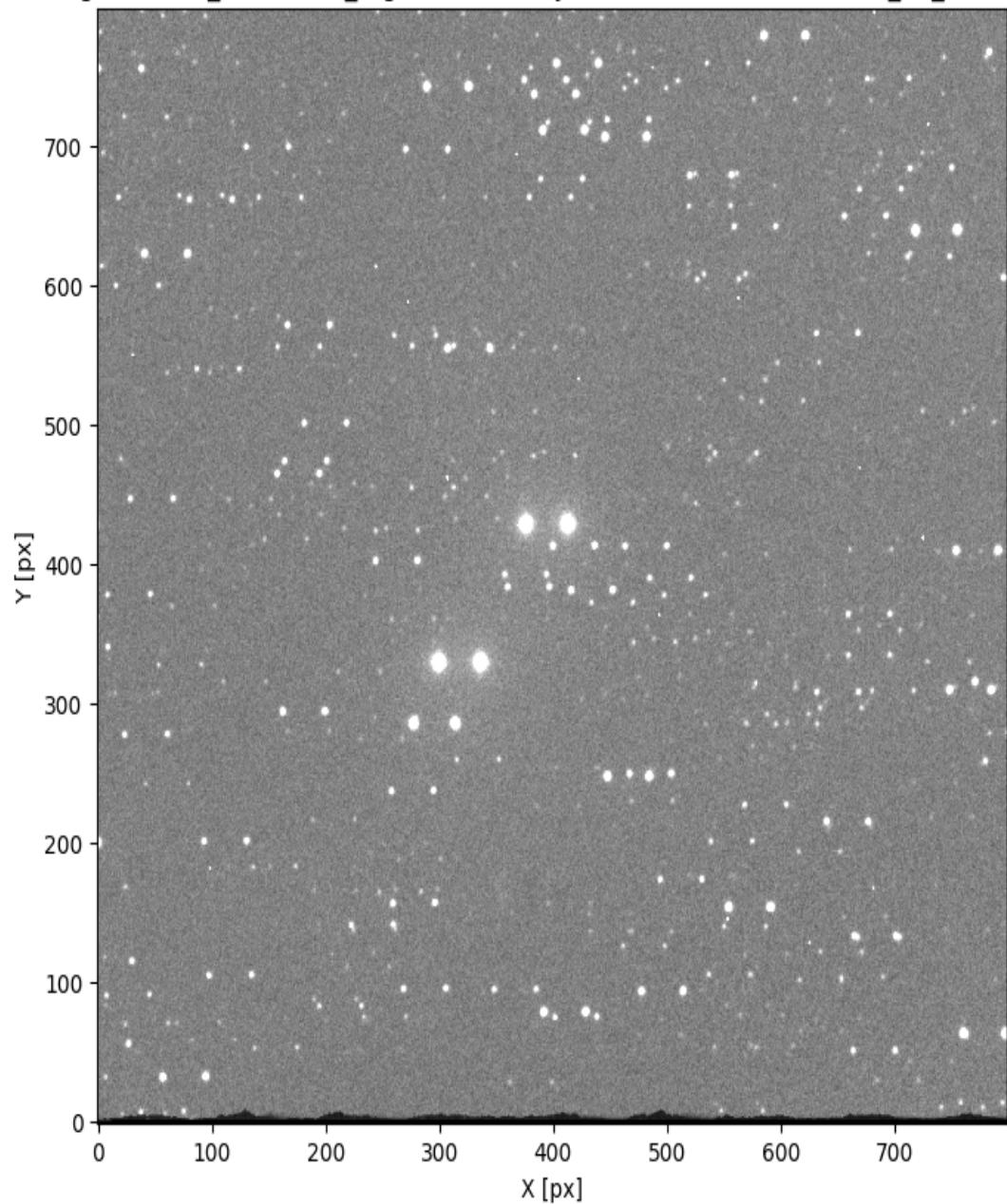


2. Imágenes alineadas

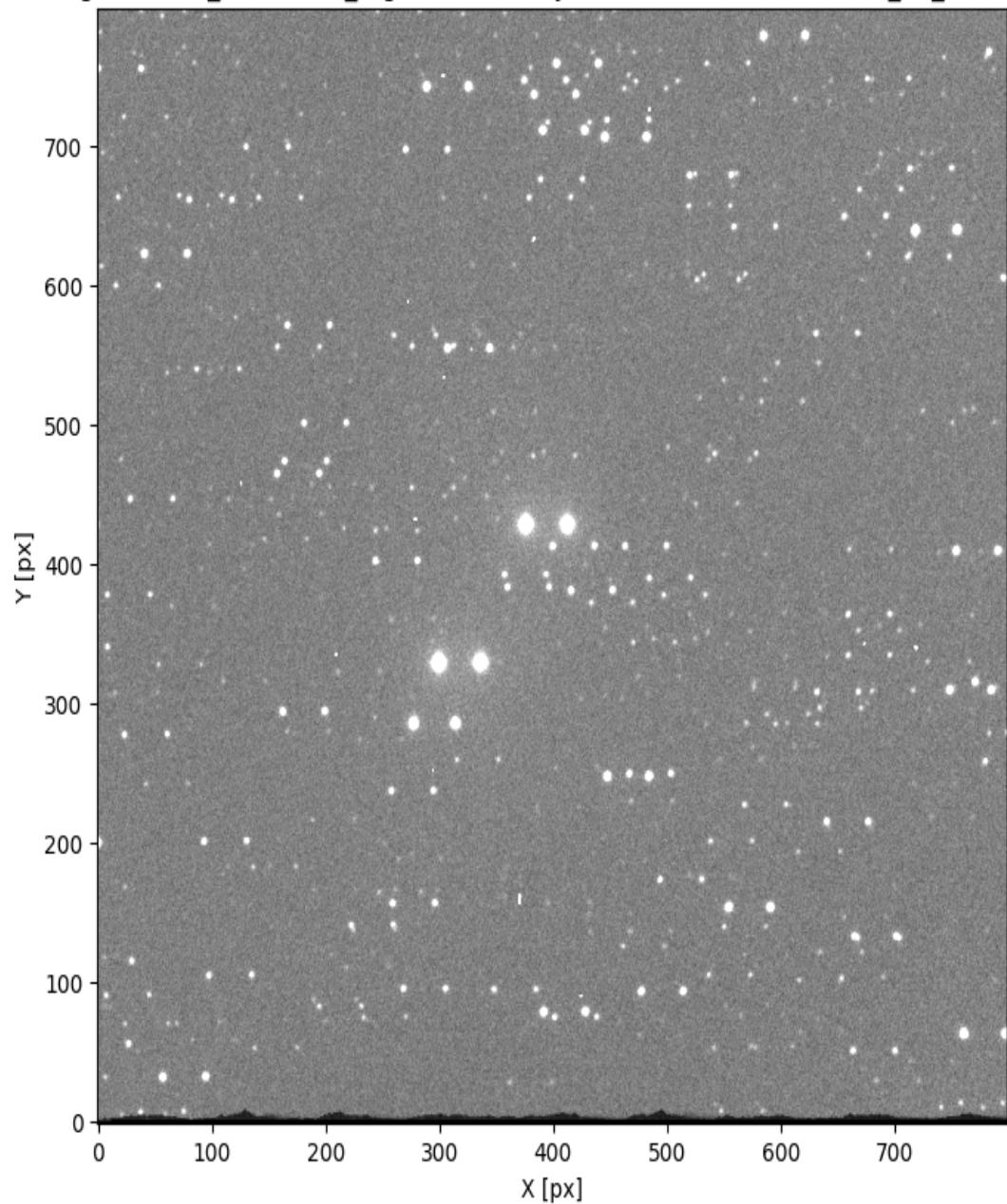
Aligned Image noche1_20230720_organize/SS397/JohnsonV/caf-20230720-22_50_27-sci-blap_b_f.fits



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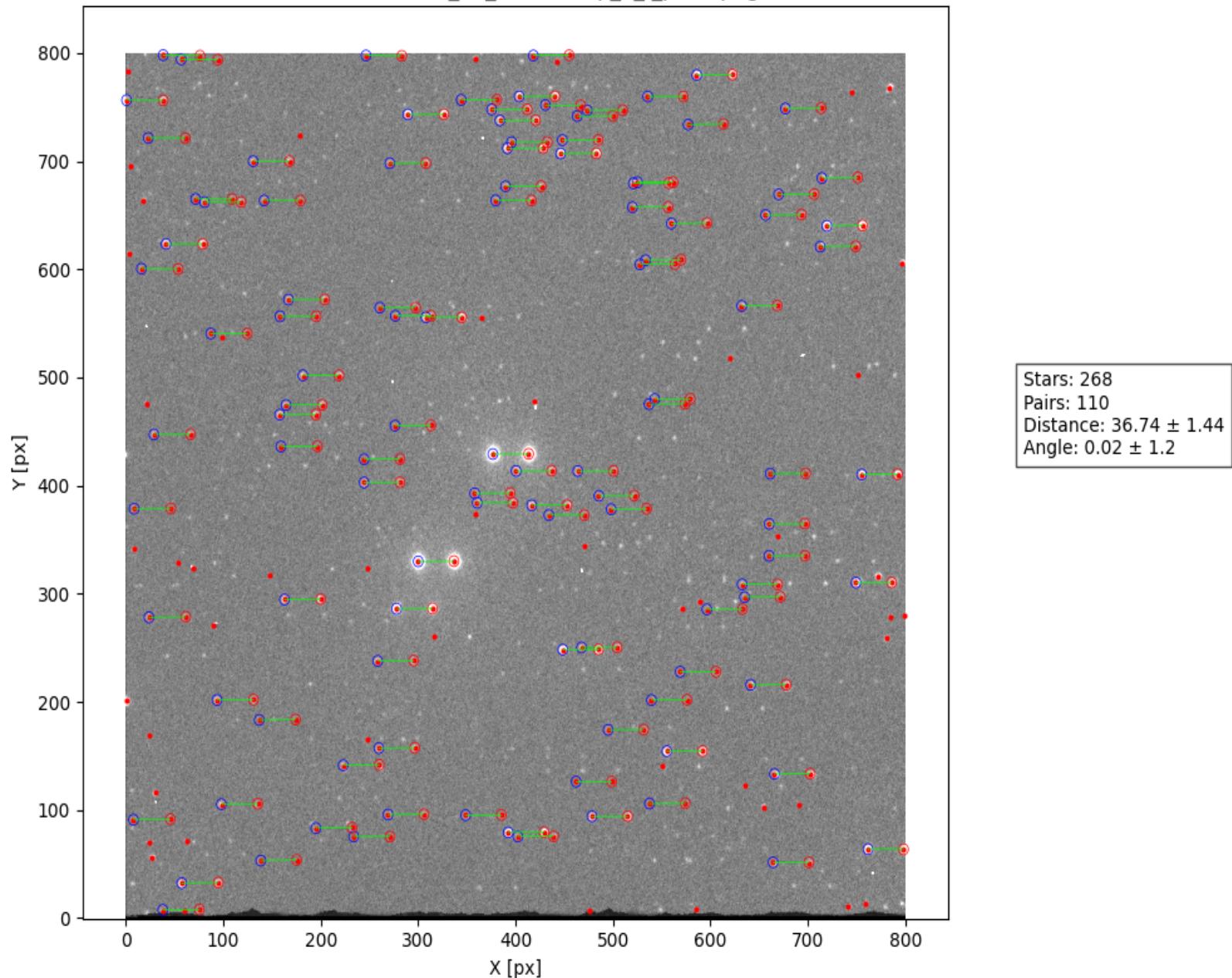


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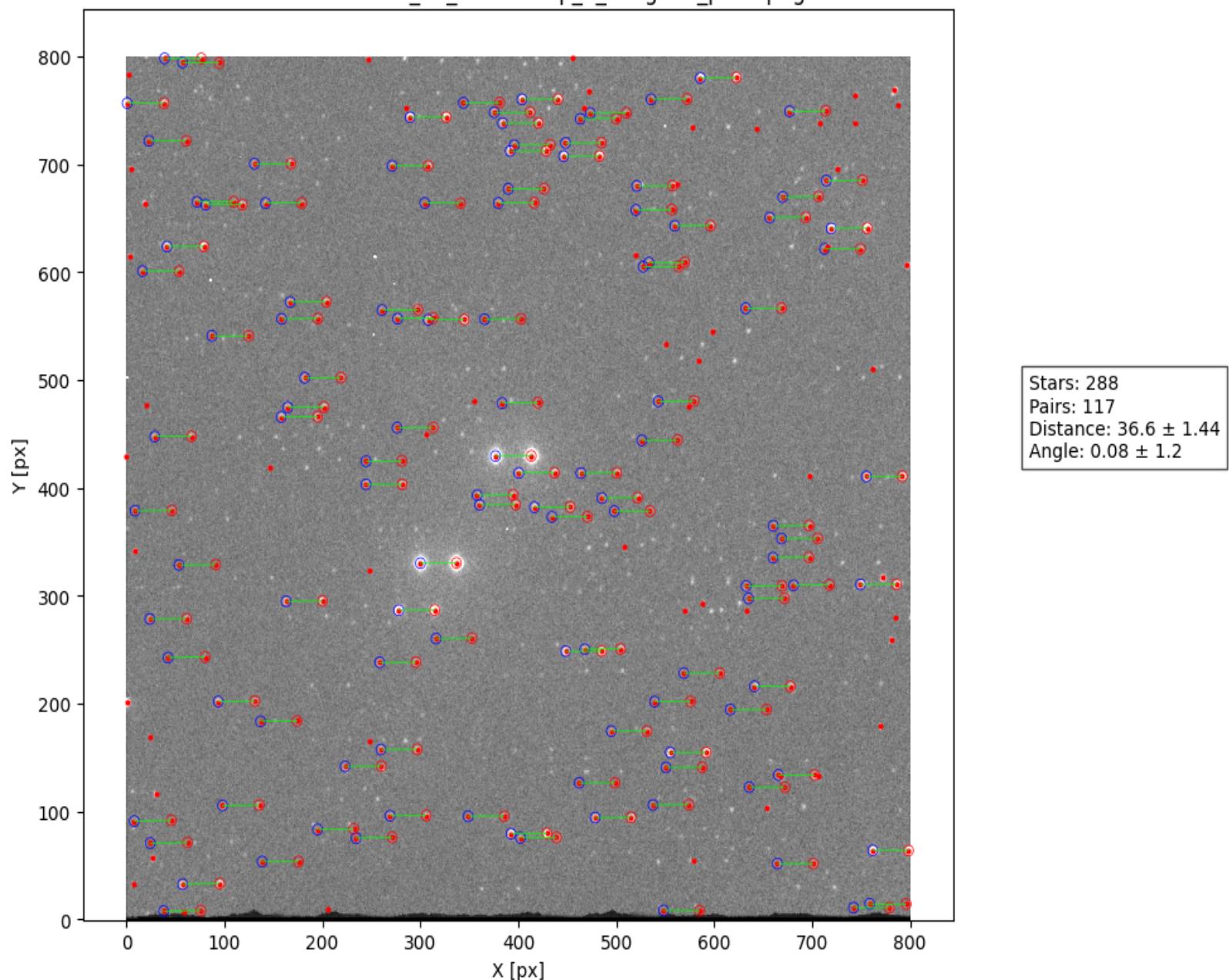


3. Imágenes con pares identificados

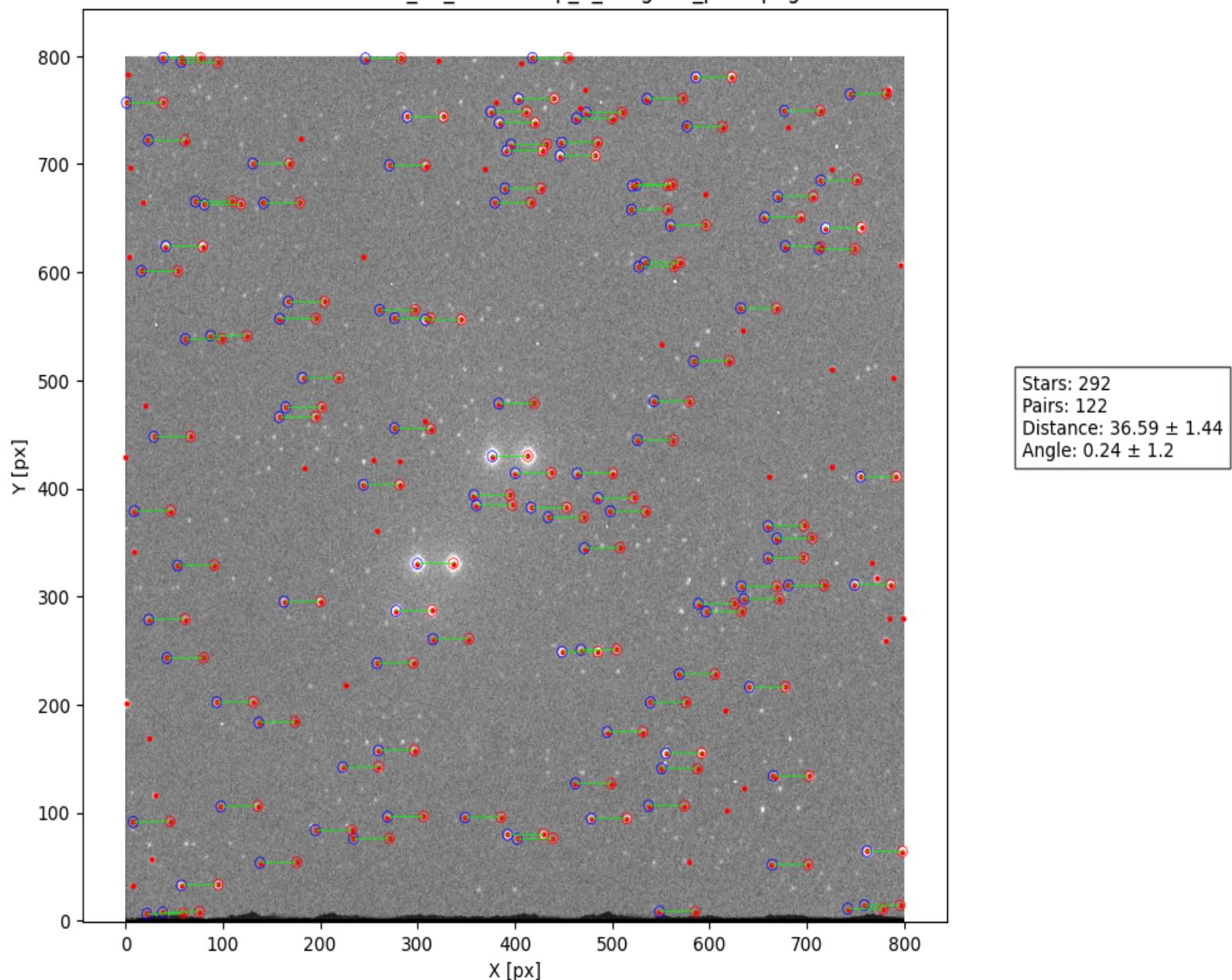
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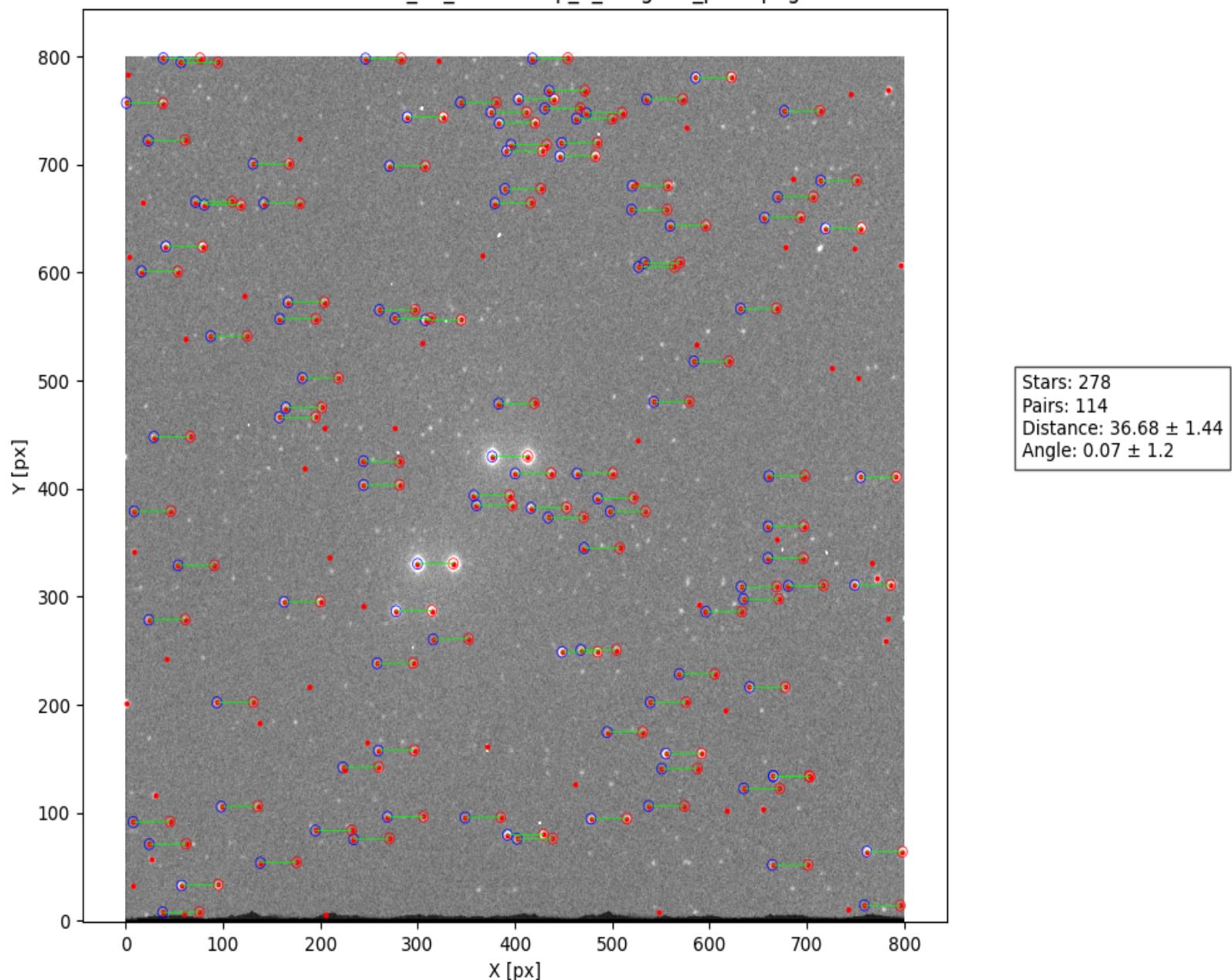
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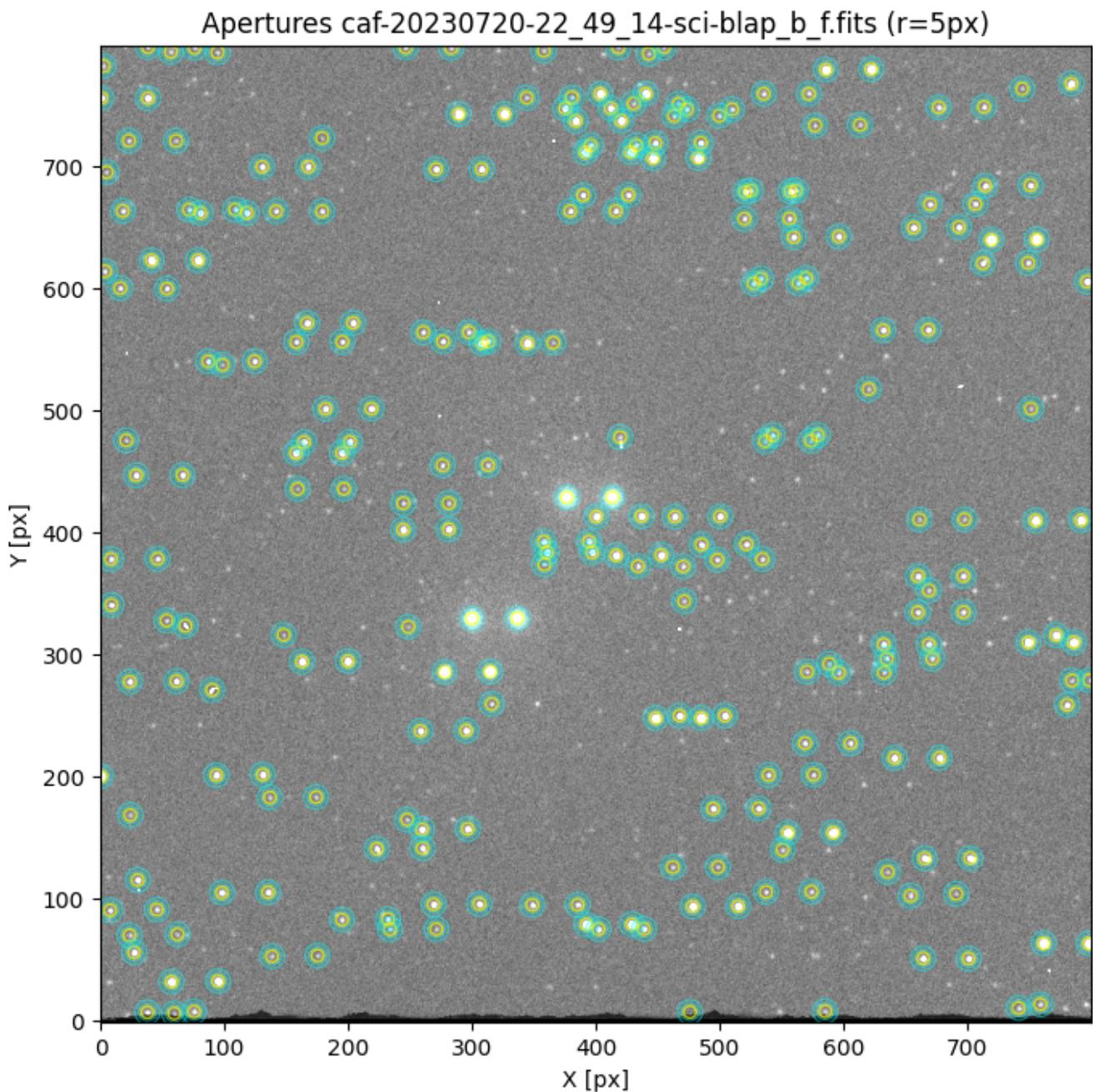
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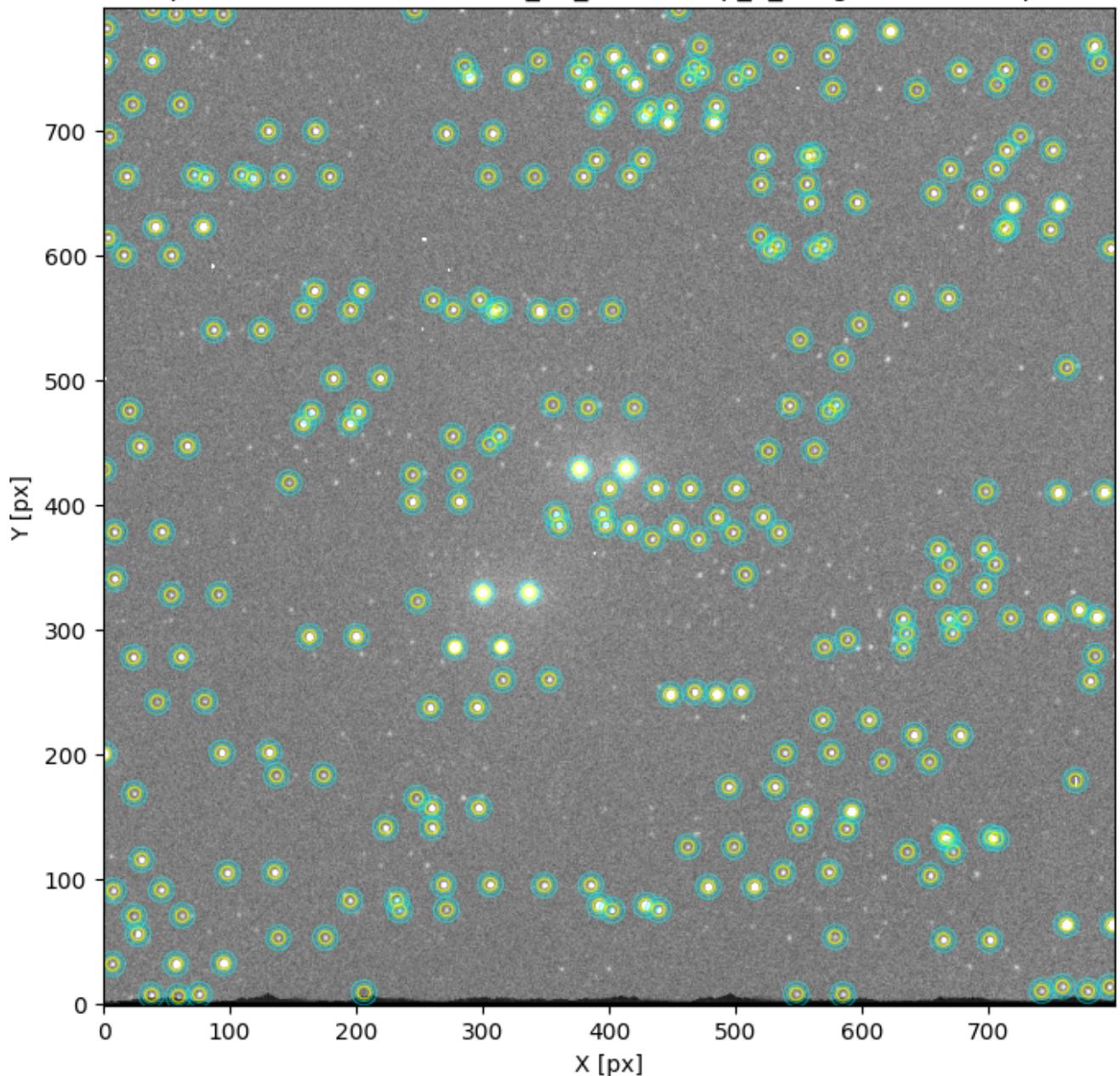
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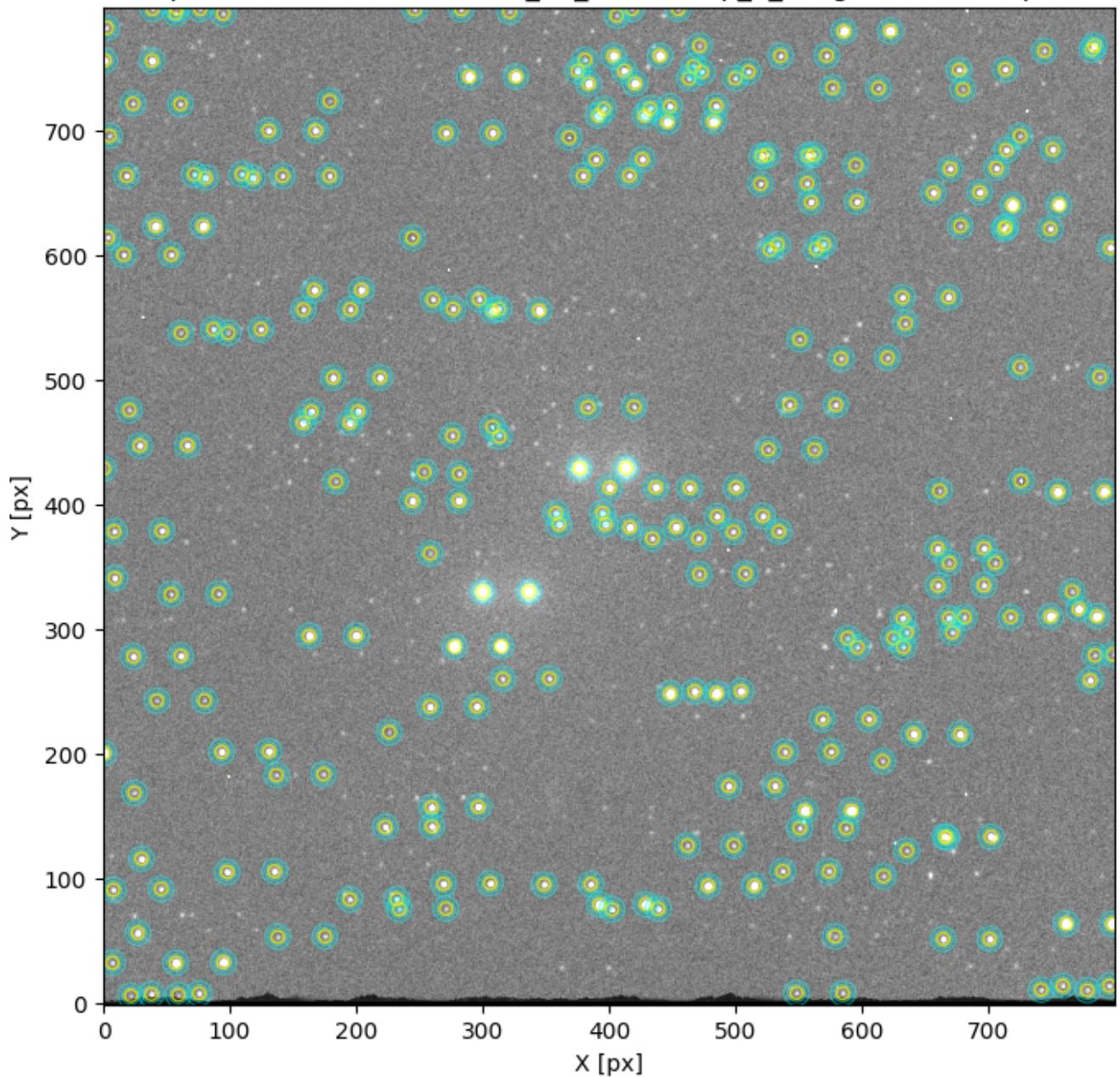
4. Fotometría — Aperturas



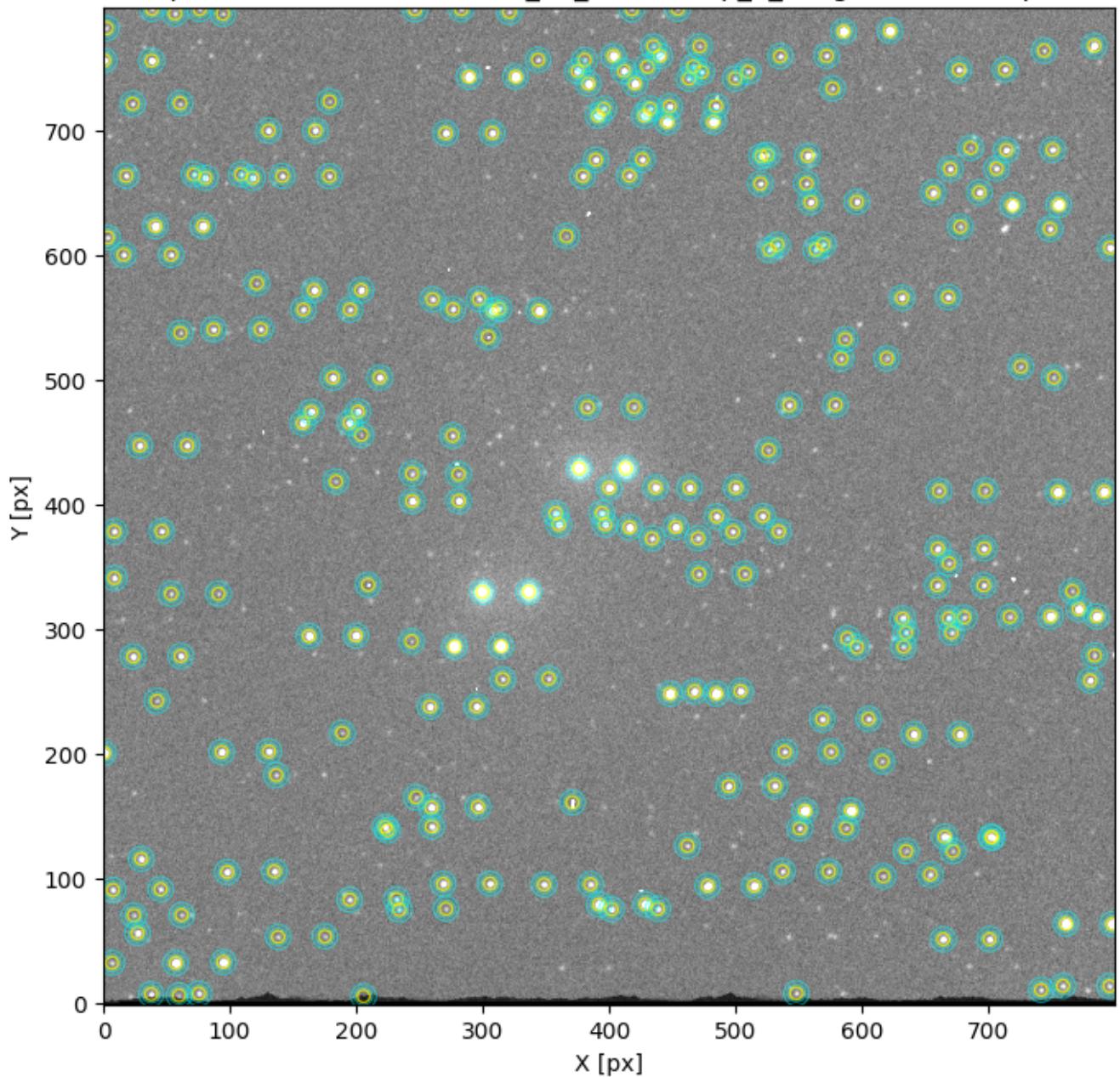
Apertures caf-20230720-22_50_27-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230720-22_51_39-sci-blap_b_f-aligned.fits (r=5px)

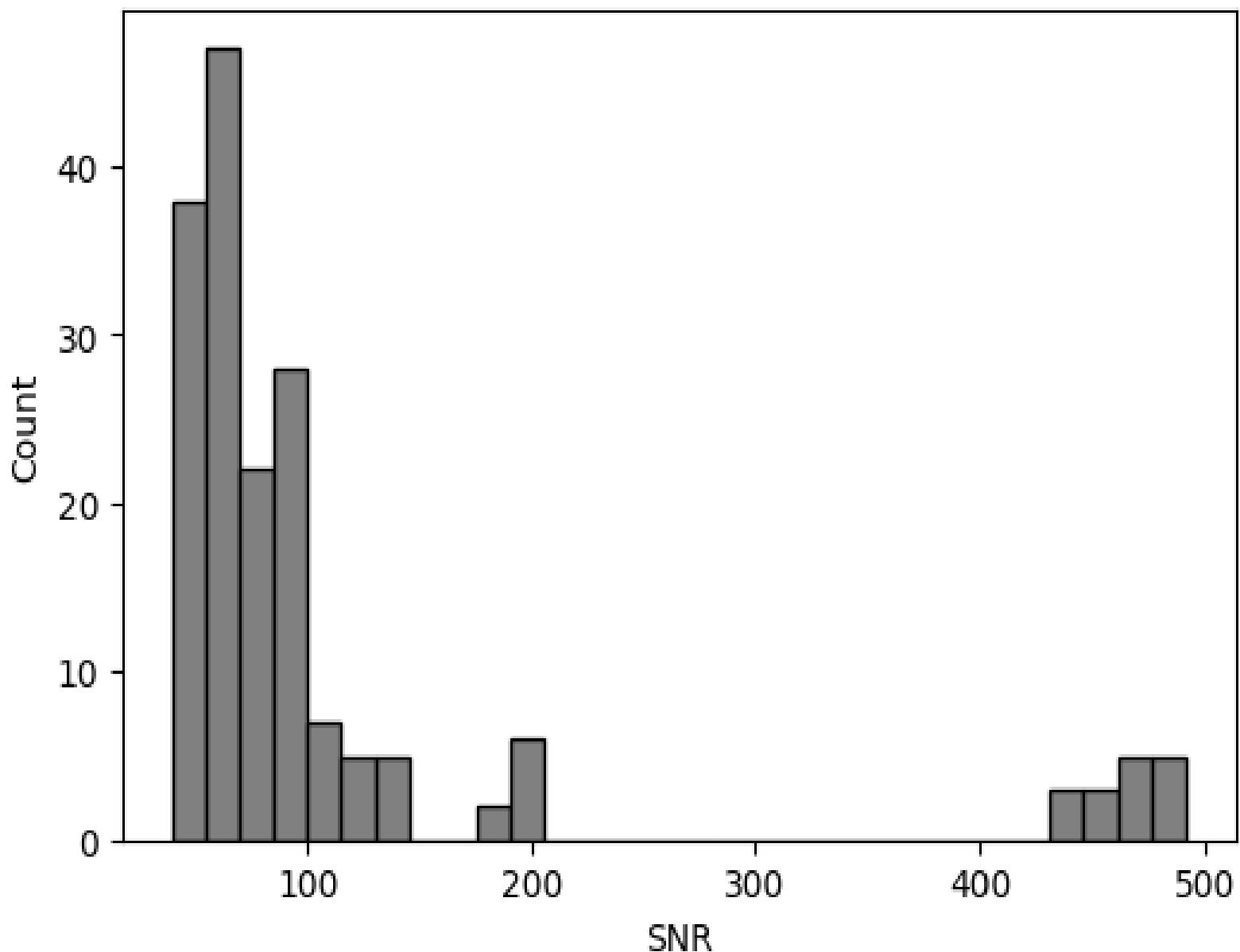


Apertures caf-20230720-22_52_51-sci-blap_b_f-aligned.fits (r=5px)

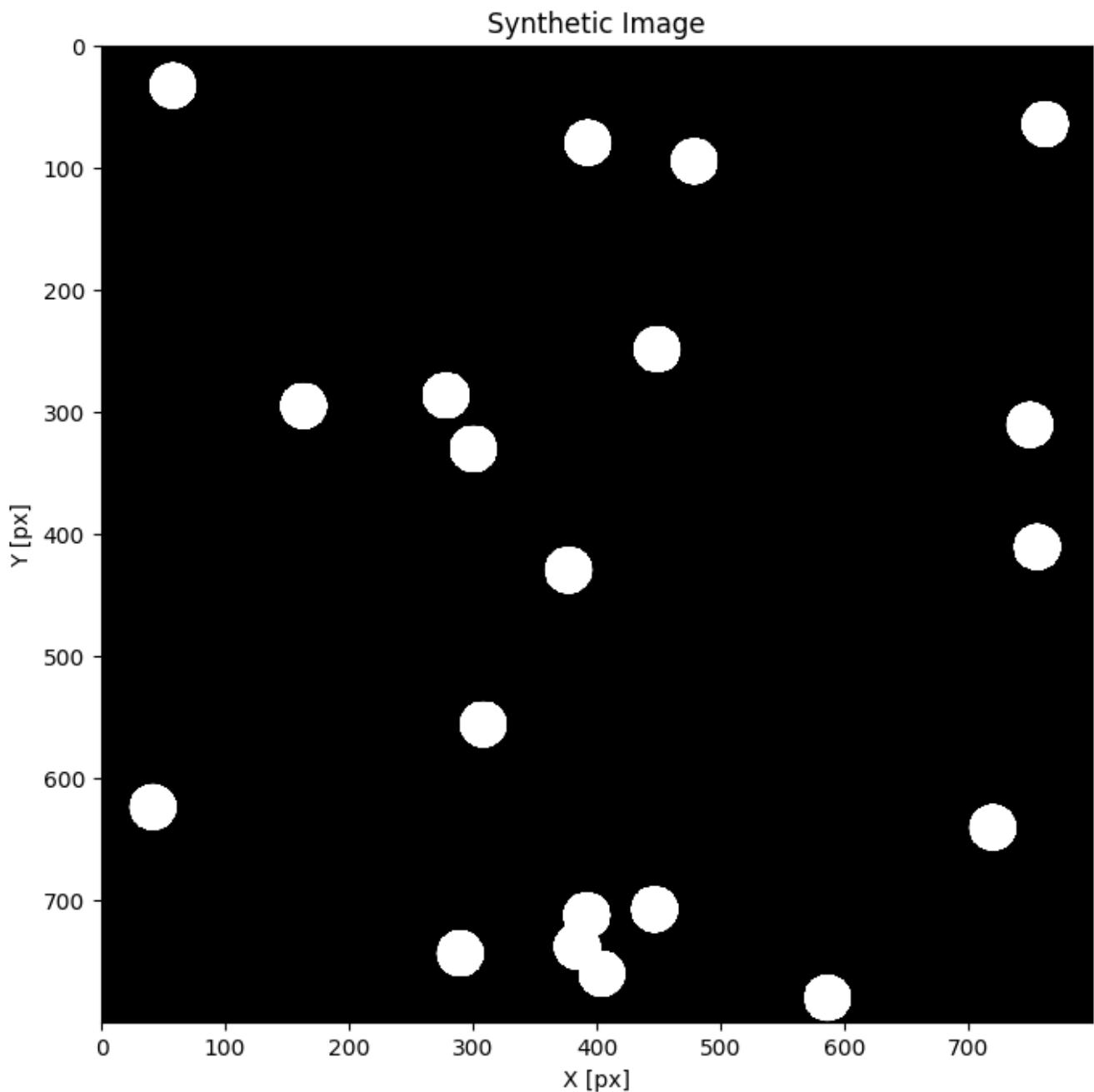


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



5. Astrometría — Imagen sintética



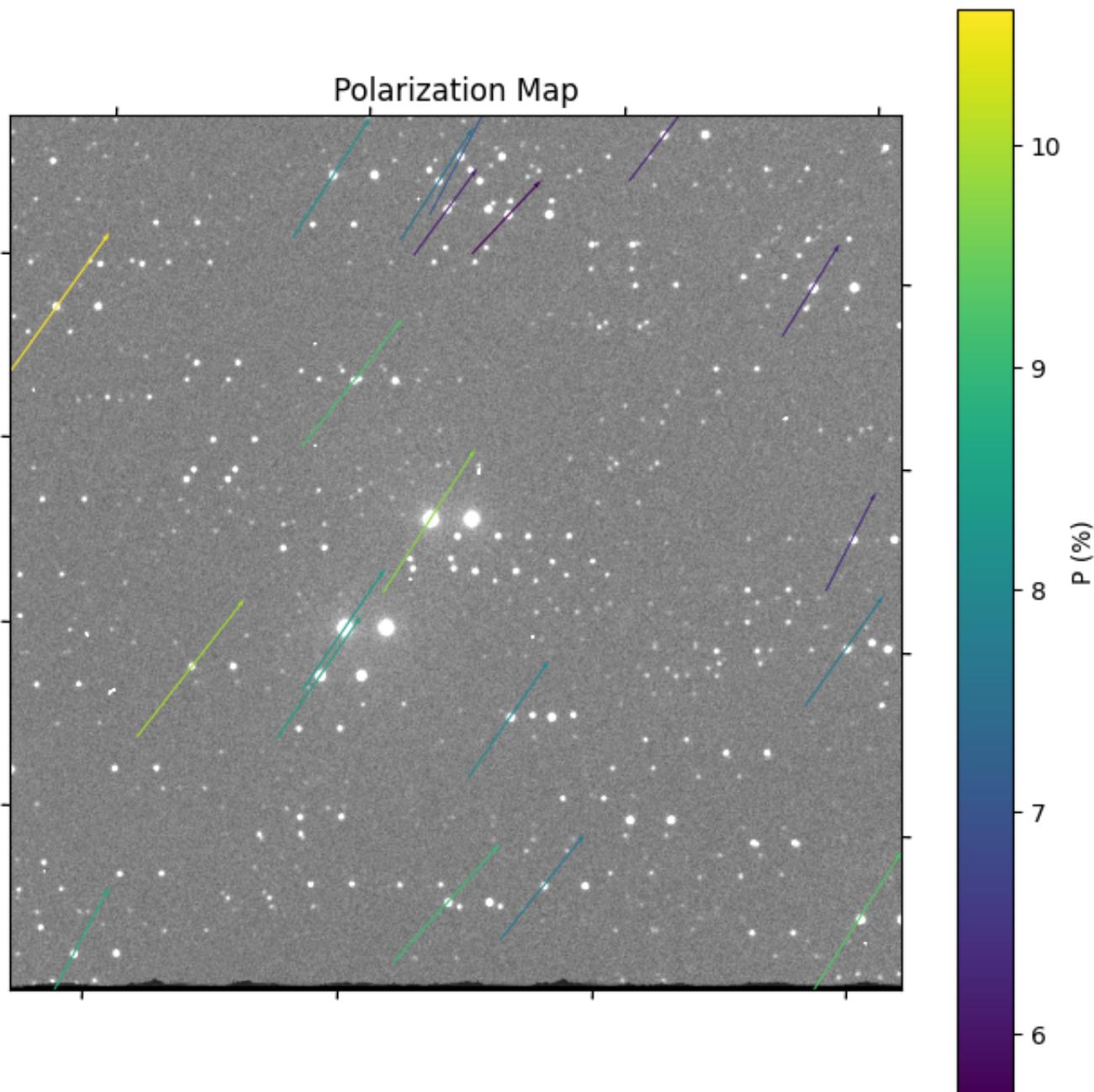
5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
1	278.305026	-10.634575	No_ID	
4	278.313457	-10.532148	Gaia DR3 4155013763742890240	Star
7	278.313713	-10.586080	No_ID	
10	278.316378	-10.573637	Gaia DR2 4155011461640381568	Star
27	278.339061	-10.578843	Gaia DR2 4155011186762449152	Star
31	278.343756	-10.603894	Gaia DR3 4154999298292954752	Star
32	278.344417	-10.620699	No_ID	
35	278.349924	-10.535262	Gaia DR3 4155013076548080640	Star
36	278.350361	-10.600904	Gaia DR3 4154999328346069632	Star
47	278.364803	-10.534922	No_ID	
52	278.365508	-10.590266	ATO J278.3657-10.5901	HighMassXBin
62	278.383930	-10.600968	Gaia DR3 4155000638322721664	Star
72	278.392621	-10.640189	Gaia DR3 4154998233141422592	Star
73	278.398785	-10.541347	Gaia DR2 4155001458649122304	Star
88	278.407222	-10.581599	Gaia DR2 4155000668375096320	Star
89	278.407648	-10.589600	Gaia DR2 4155000668375096320	Star
94	278.411435	-10.590863	Gaia DR2 4155000668375096320	Star
96	278.411762	-10.604679	No_ID	
104	278.414852	-10.588092	No_ID	
105	278.418808	-10.561581	Gaia DR2 4155000810121416704	Star

6. Polarimetría — Estimación Interestelar (ISM)

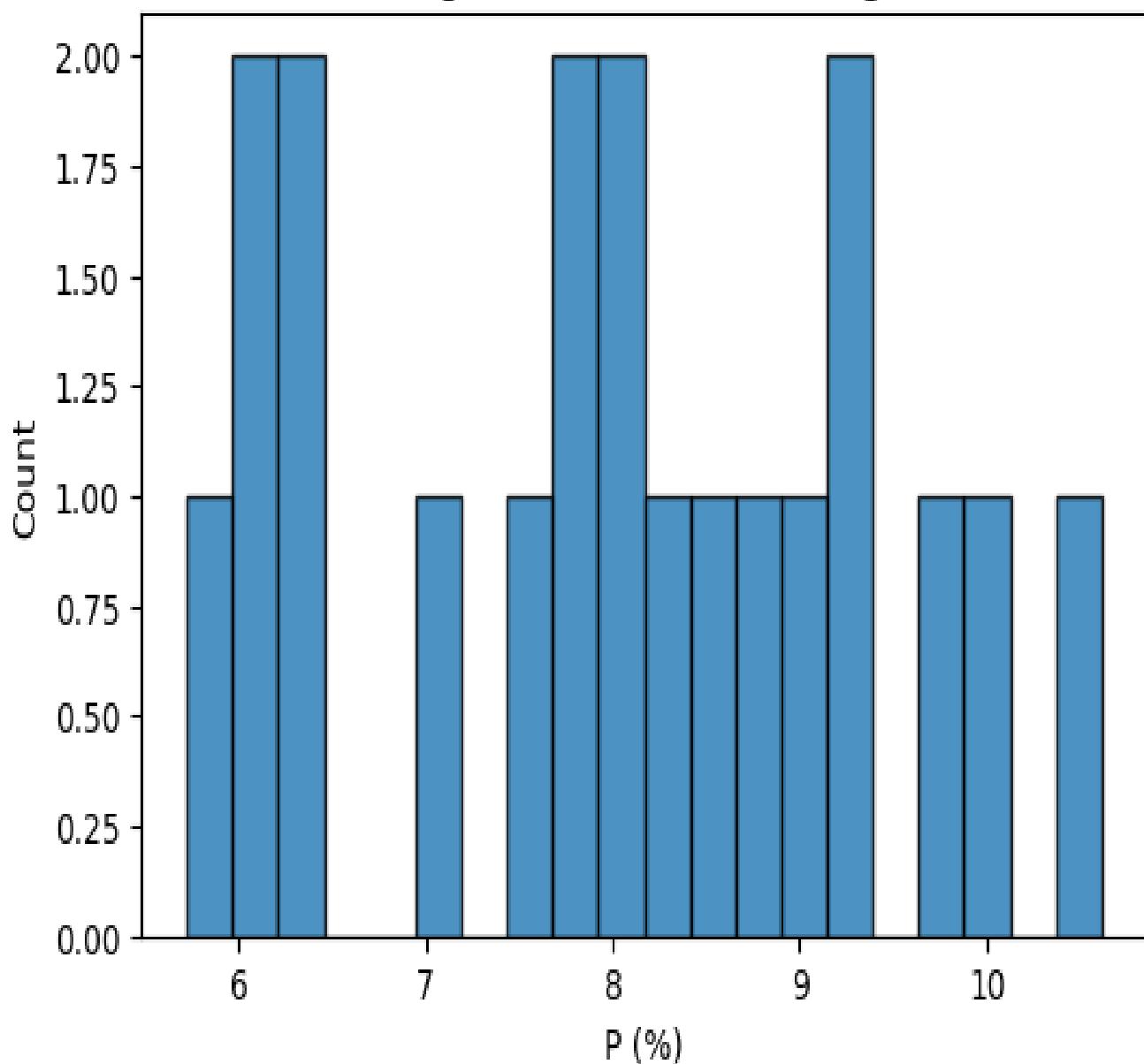
Comp.	Q mean	Q σ	Q weight	U mean	U σ	U weight	Dominante Q	Dominante U
0	-4.217	0.001	0.25	8.155	0.469	0.75		✓
1	-3.083	0.152	0.75	5.523	0.001	0.25	✓	

6. Polarimetría — Mapa de polarización

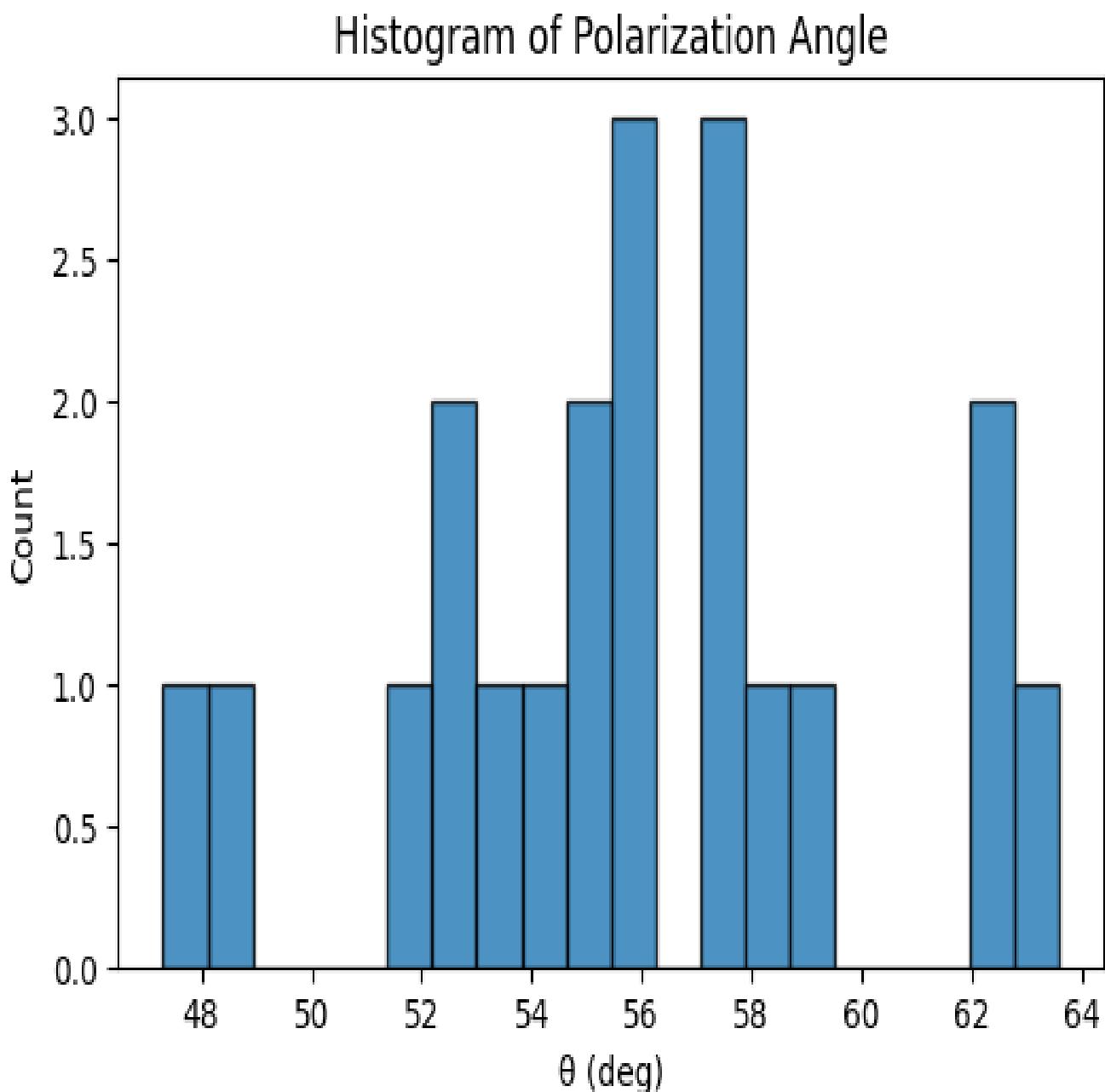


6. Polarimetría — Histograma de P

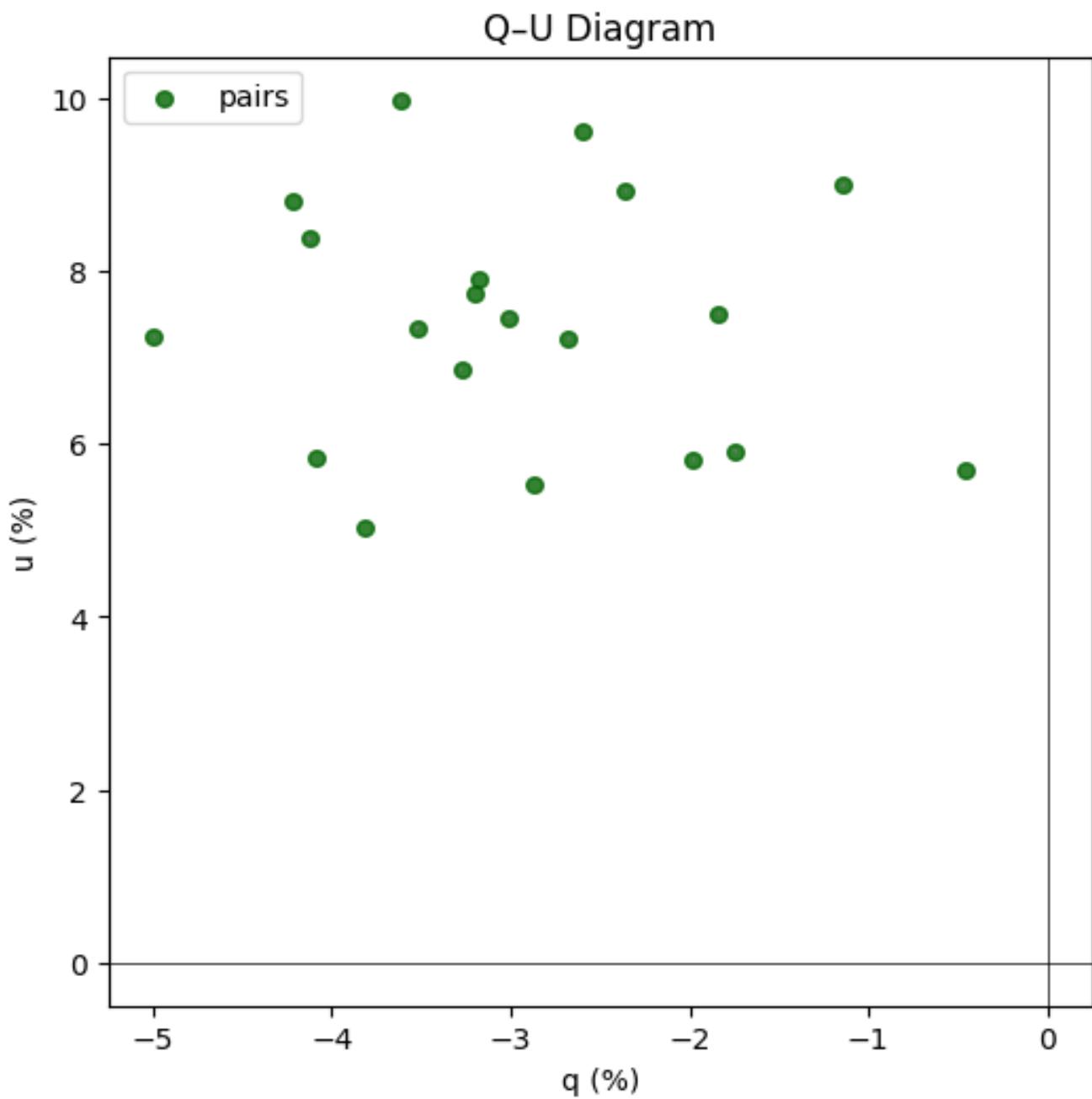
Histogram of Polarization Degree



6. Polarimetría — Histograma de θ



6. Polarimetría — Diagrama Q–U



6. Polarimetría — Estimación Interestelar (ISM)

Comp.	Q mean	Q σ	Q weight	U mean	U σ	U weight	Dom Q	Dom U
1	-3.083	0.152	0.75	5.523	0.001	0.25	✓	

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.

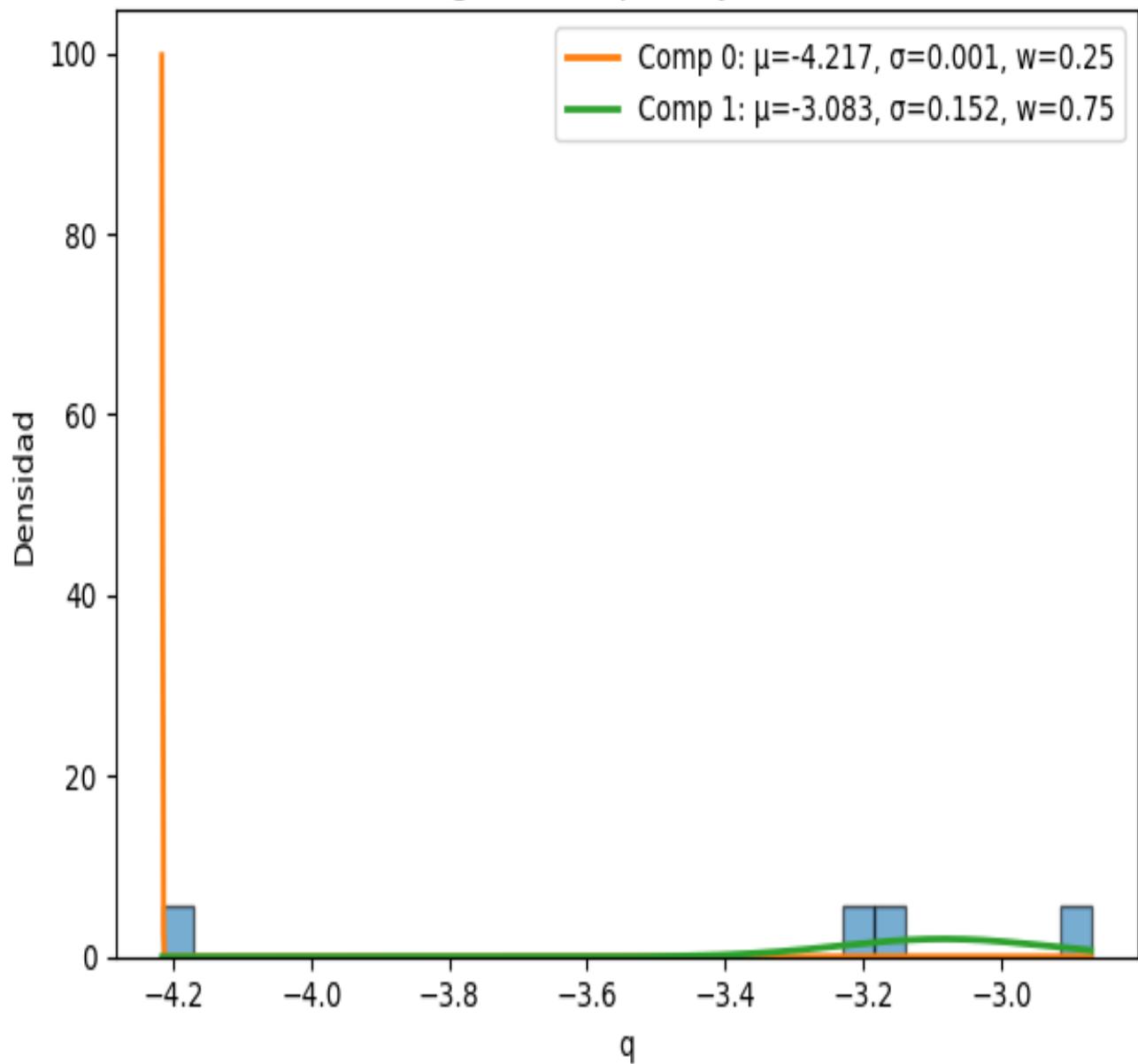
U Means: medias de la componente u estimada para la polarización interestelar.

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

