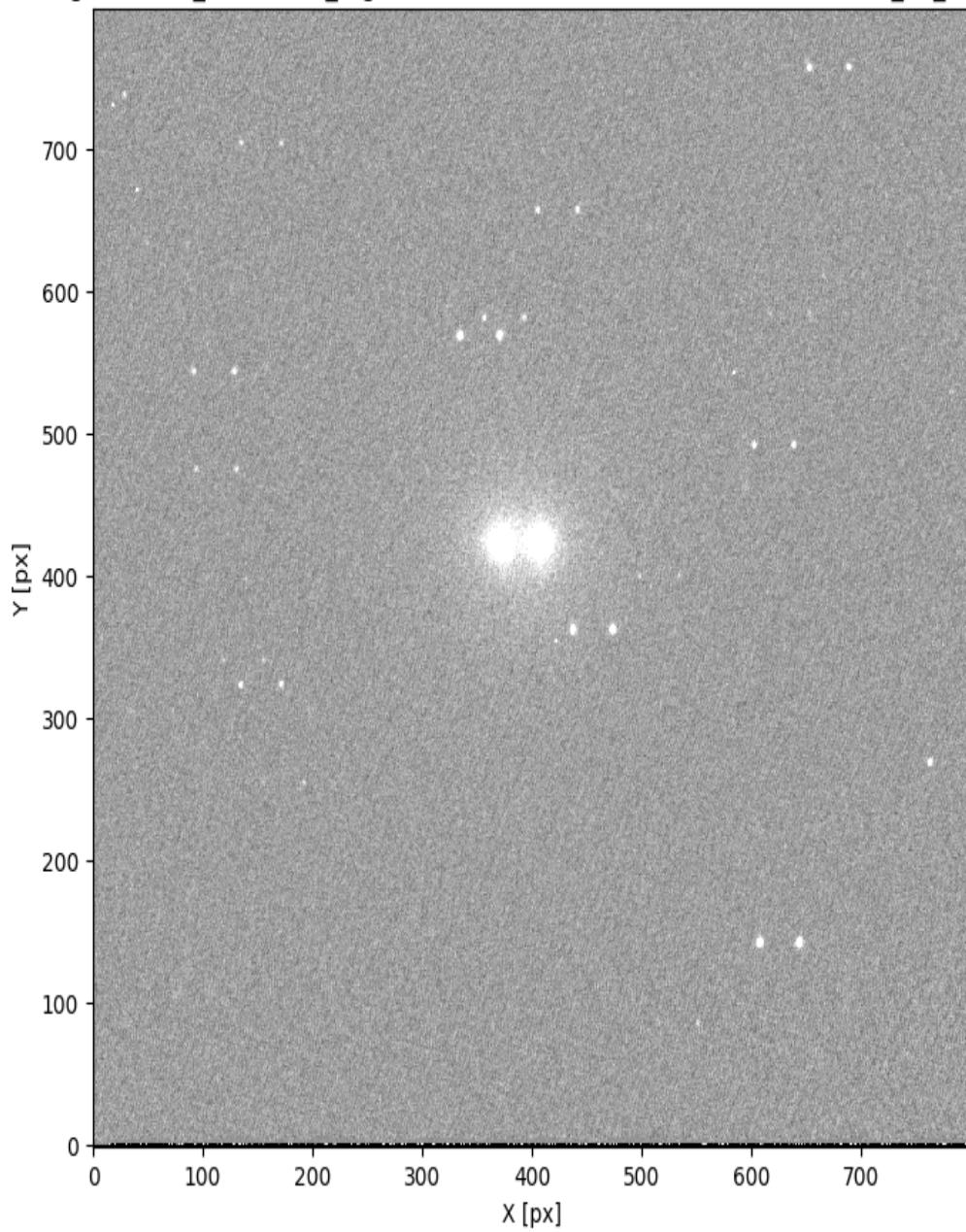
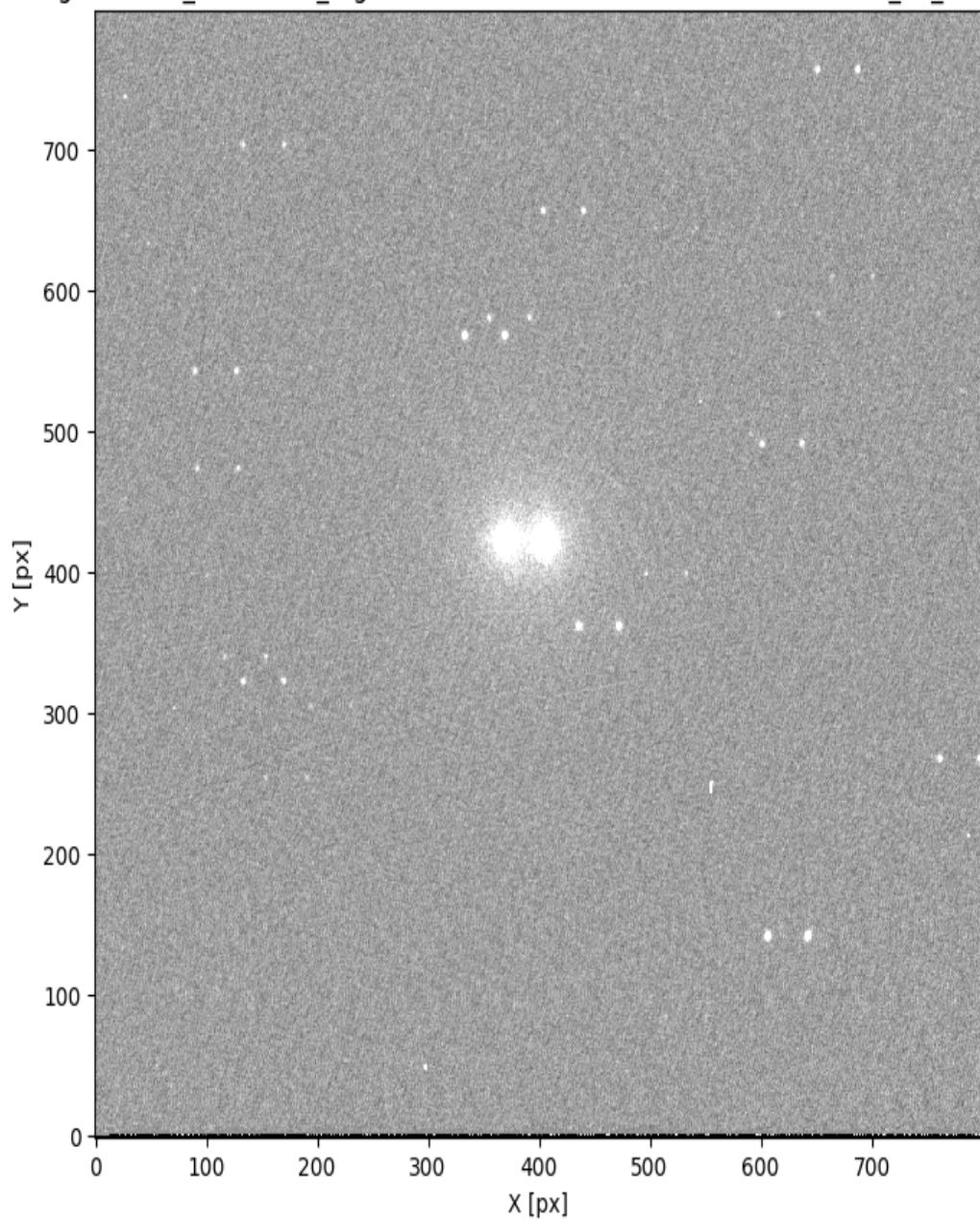


1. Imágenes originales

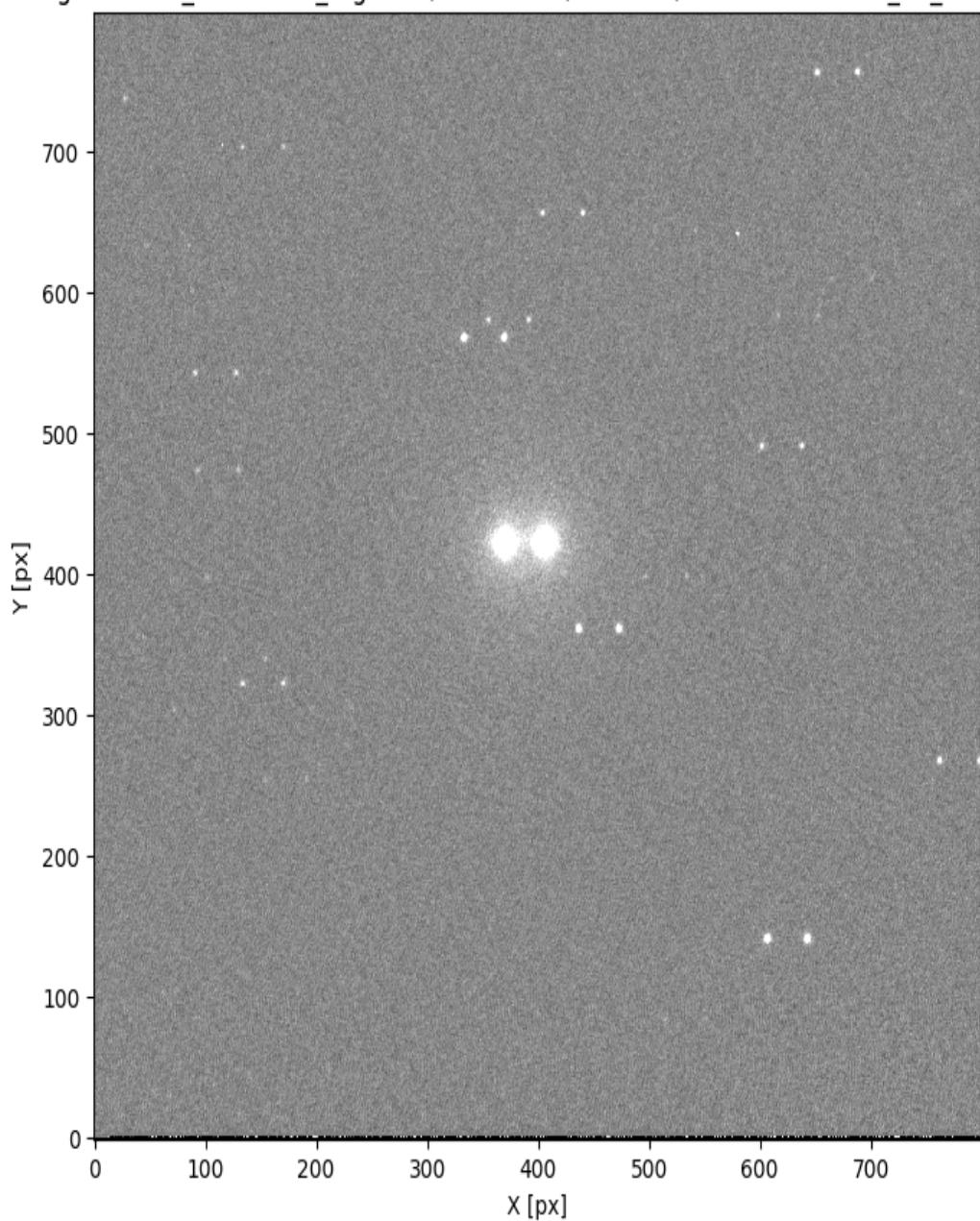
Reference Image noche1_20230720_organize/HD154892/BesselIR/caf-20230720-20_57_24-sci-blap_b_f.fits



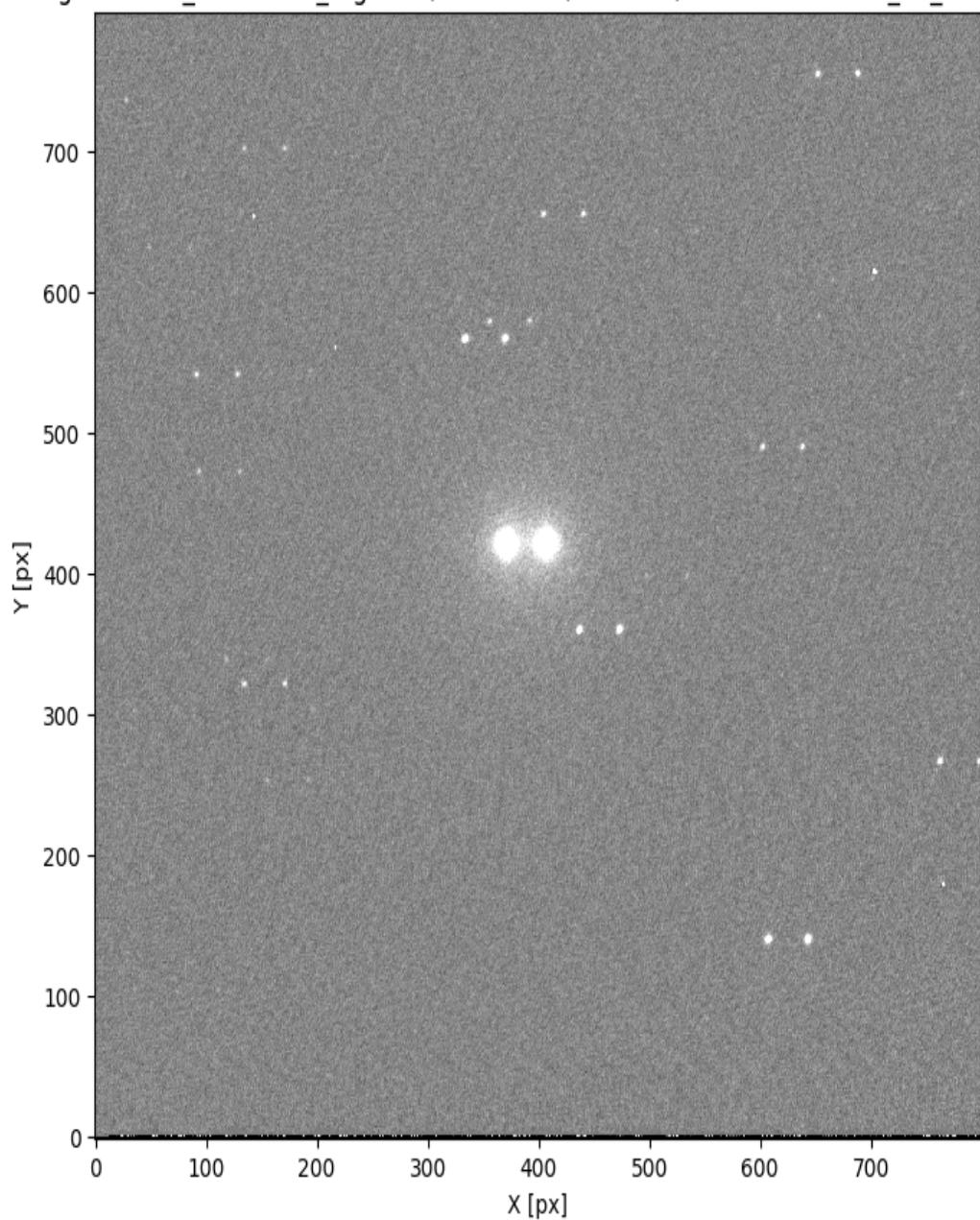
Original Image noche1_20230720_organize/HD154892/BesselR/caf-20230720-20_58_07-sci-blap_b_f.fits



Original Image noche1_20230720_organize/HD154892/BesselR/caf-20230720-20_58_51-sci-blap_b_f.fits

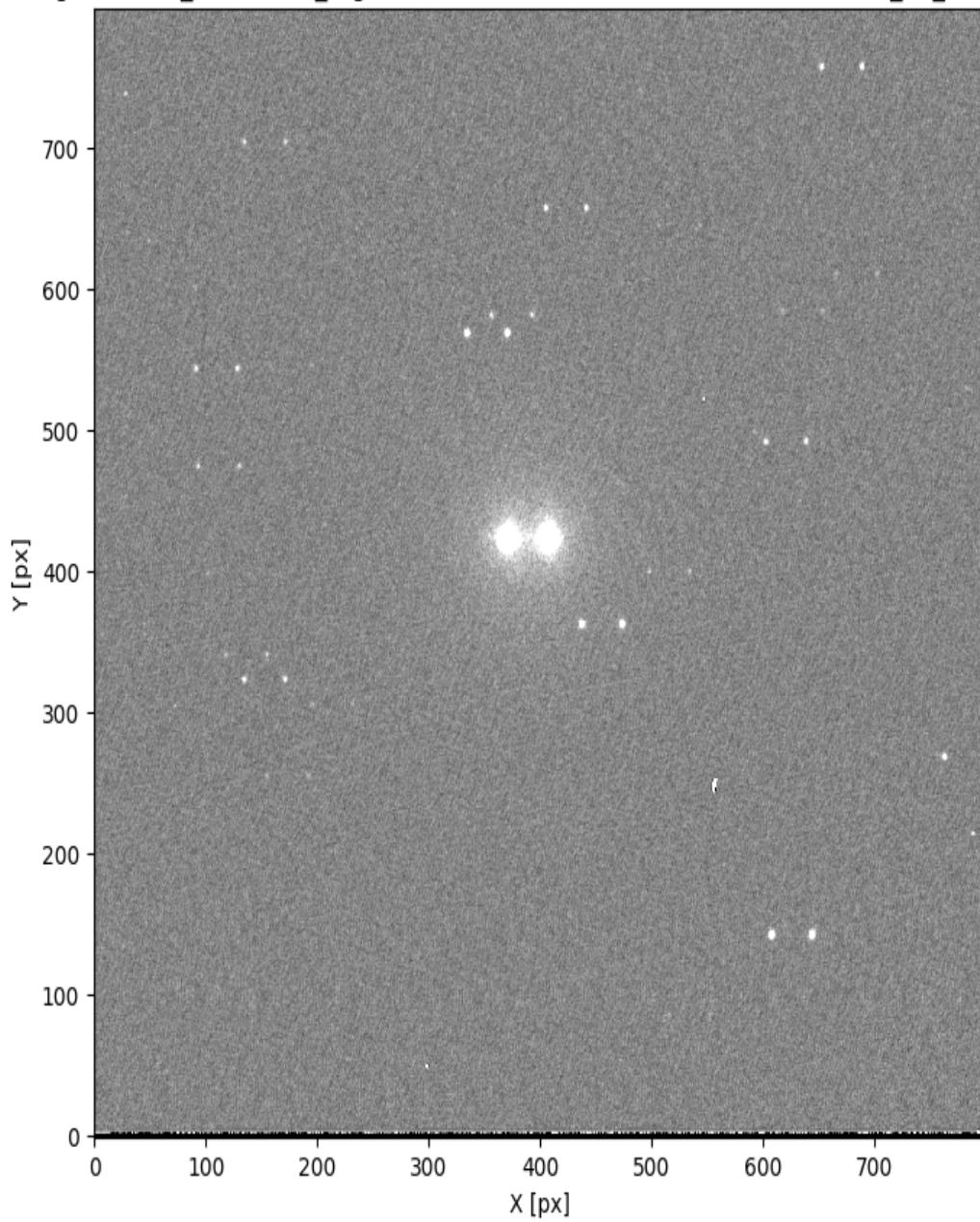


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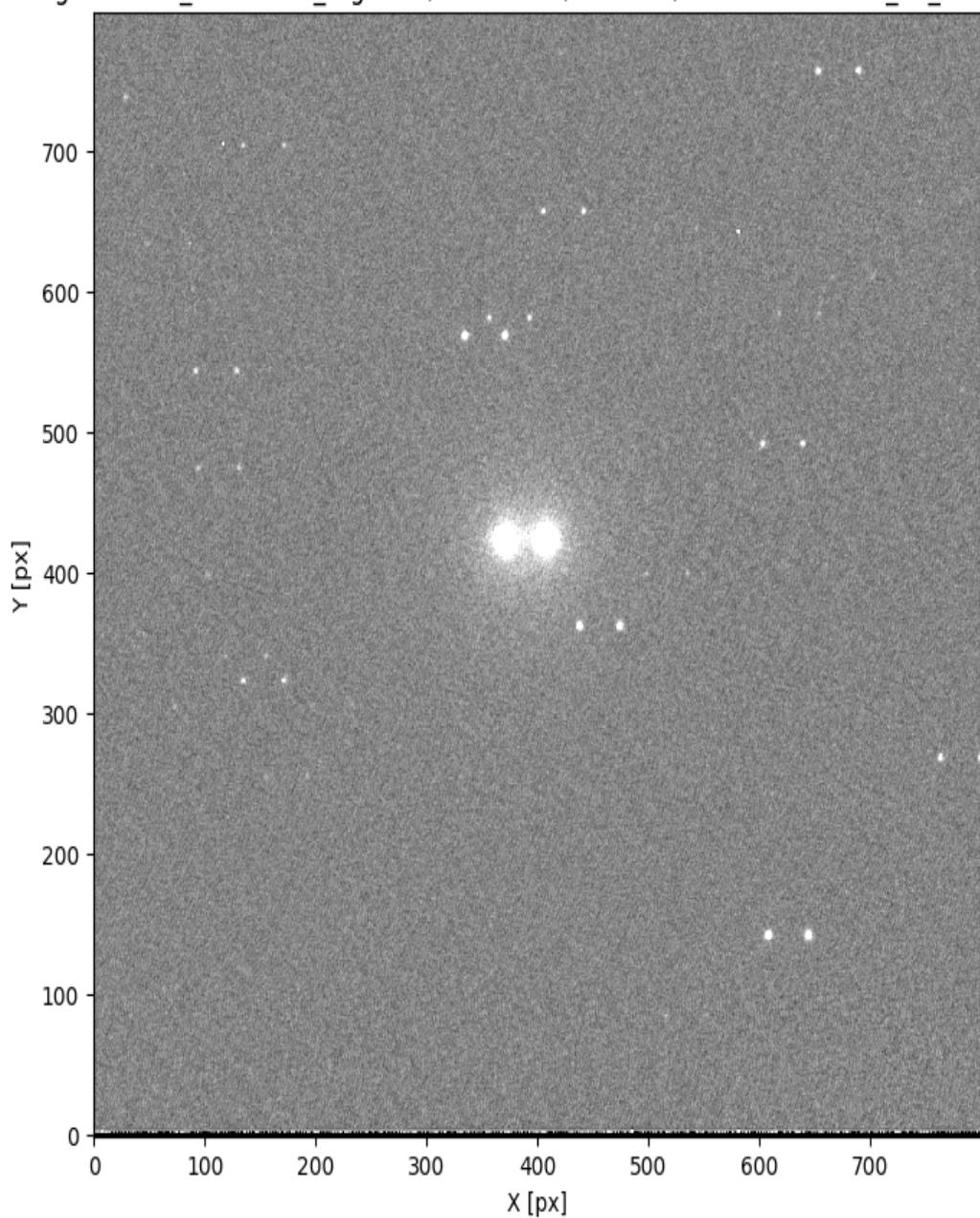


2. Imágenes alineadas

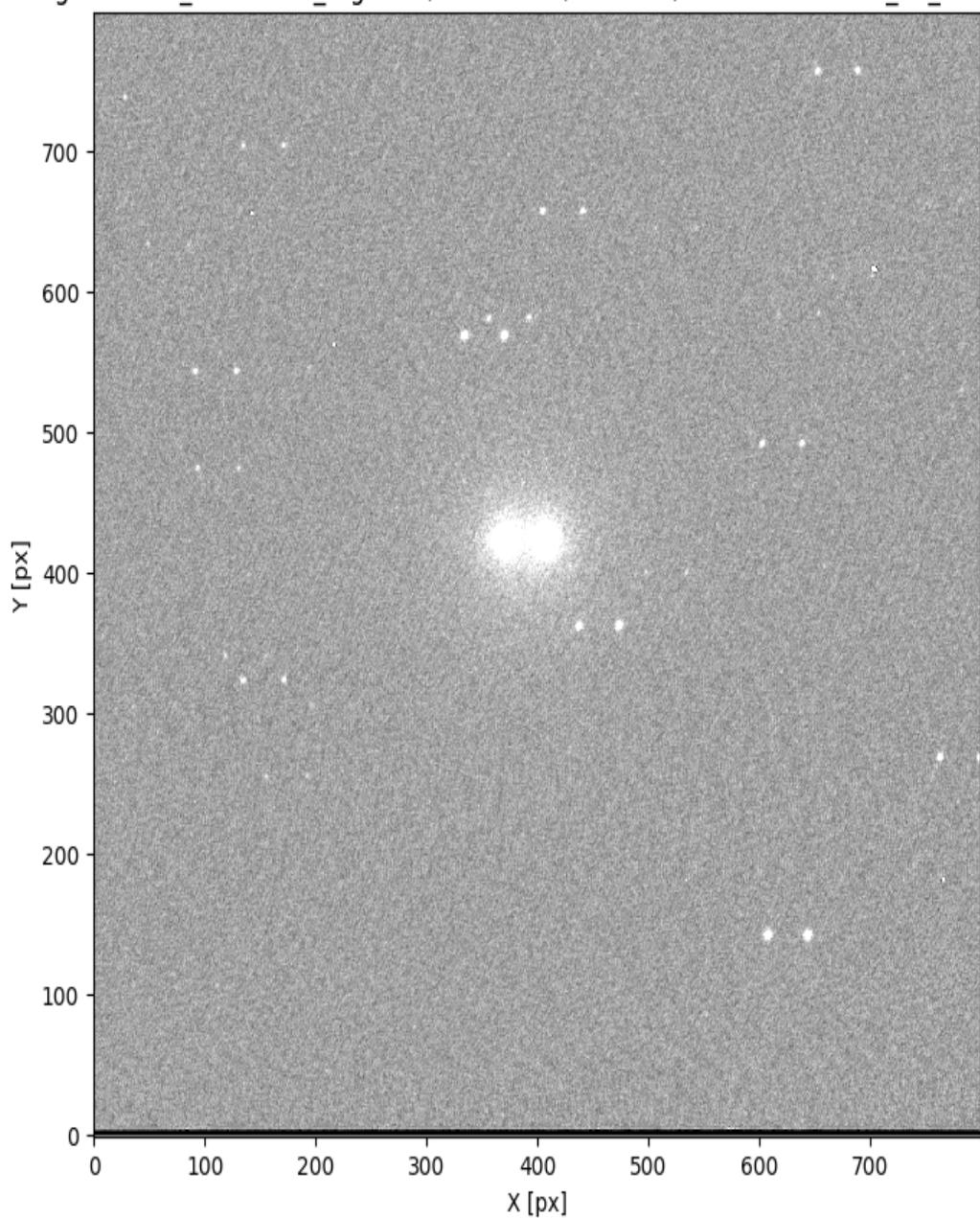
Aligned Image noche1_20230720_organize/HD154892/BesselIR/caf-20230720-20_58_07-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/HD154892/BesselR/caf-20230720-20_58_51-sci-blap_b_f.fits

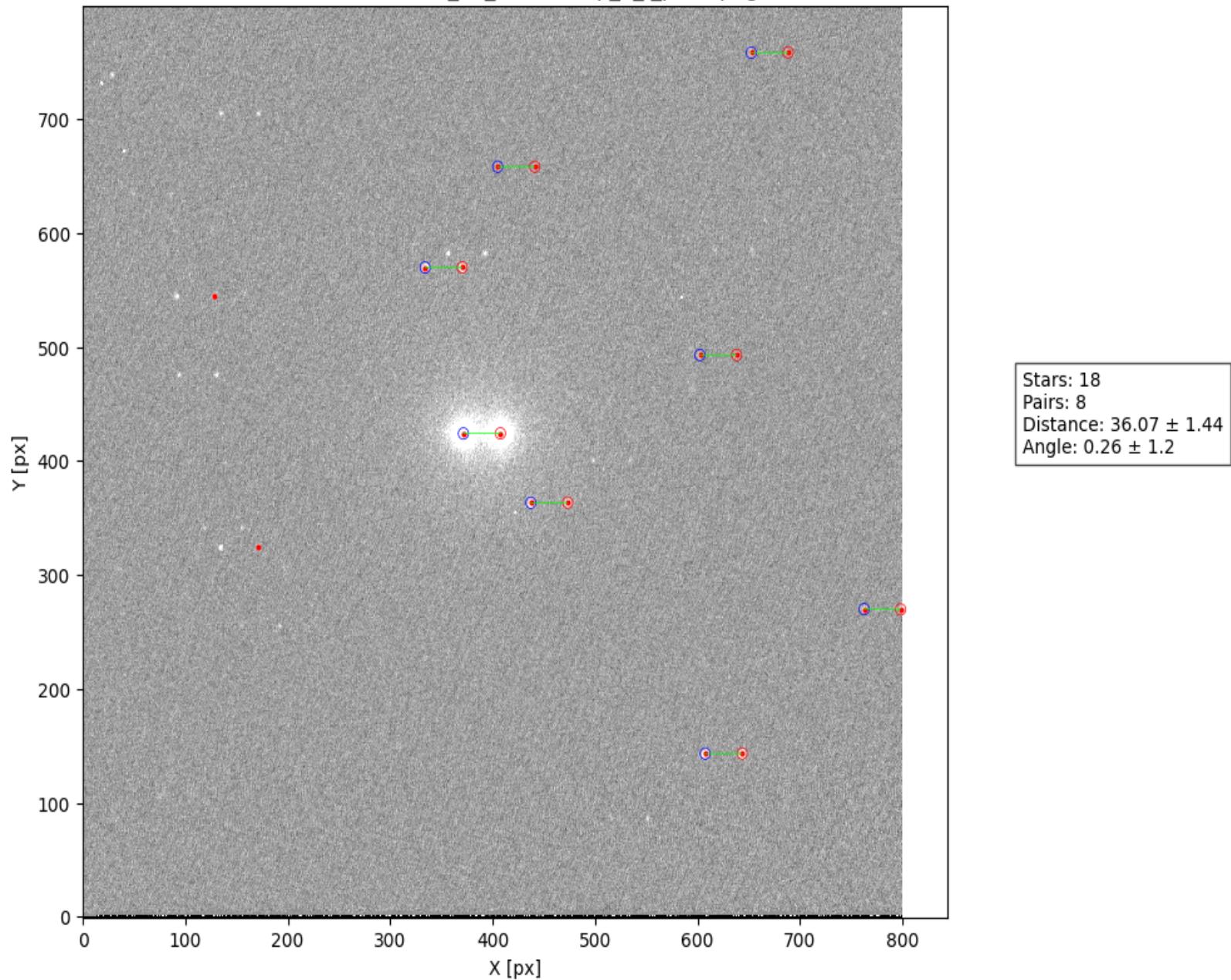


Aligned Image noche1_20230720_organize/HD154892/BesselR/caf-20230720-20_59_34-sci-blap_b_f.fits

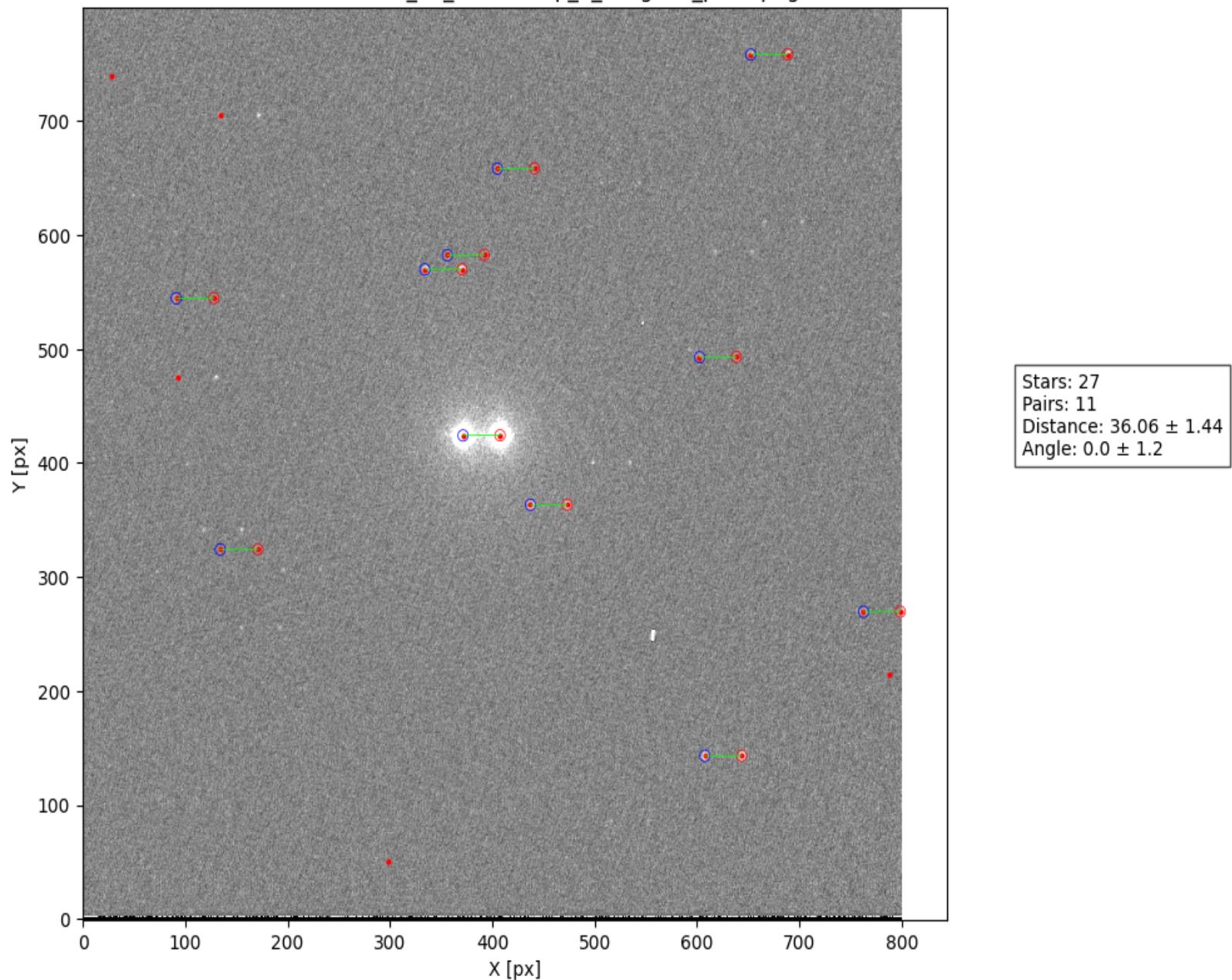


3. Imágenes con pares identificados

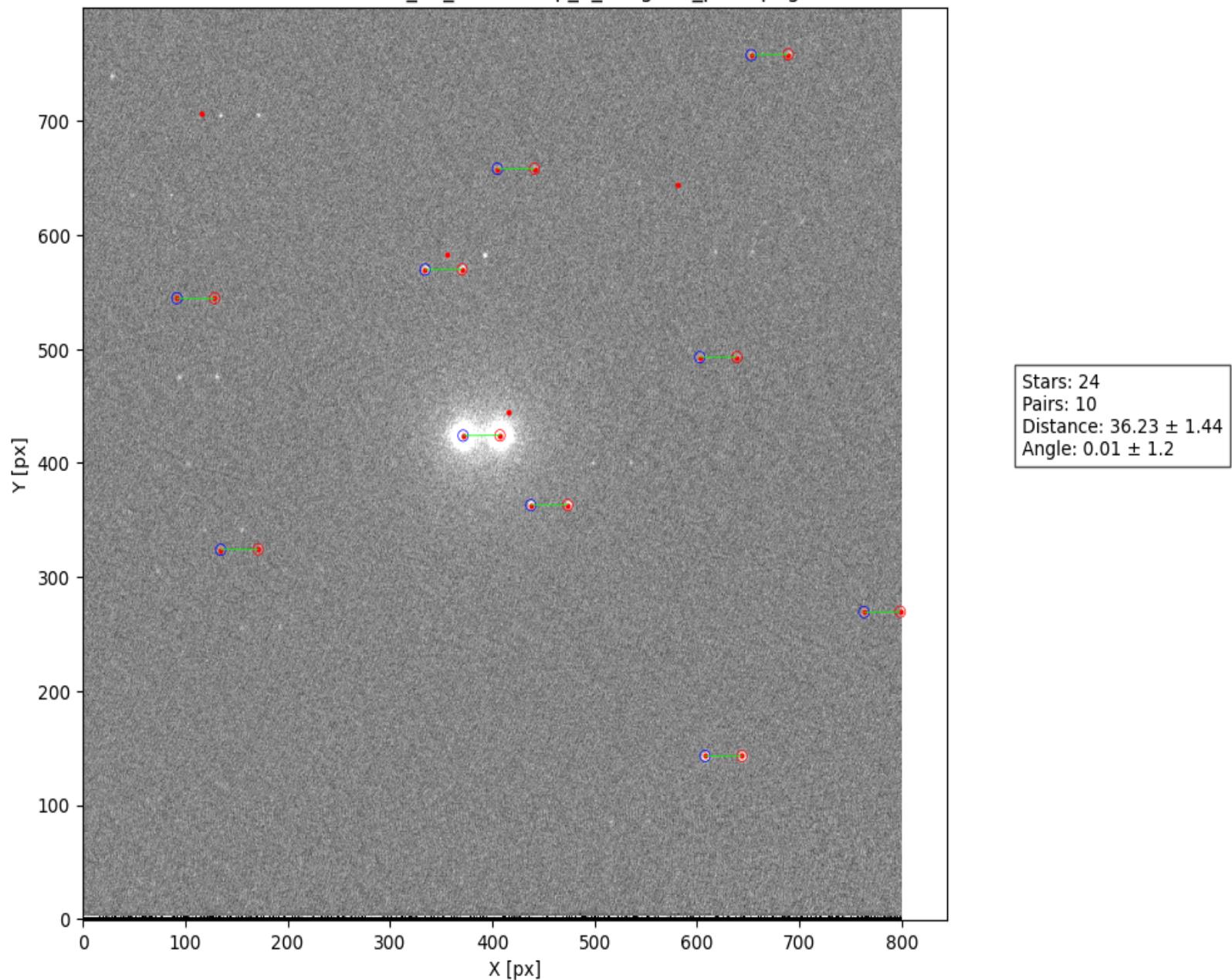
caf-20230720-20_57_24-sci-blap_b_f_pairs.png



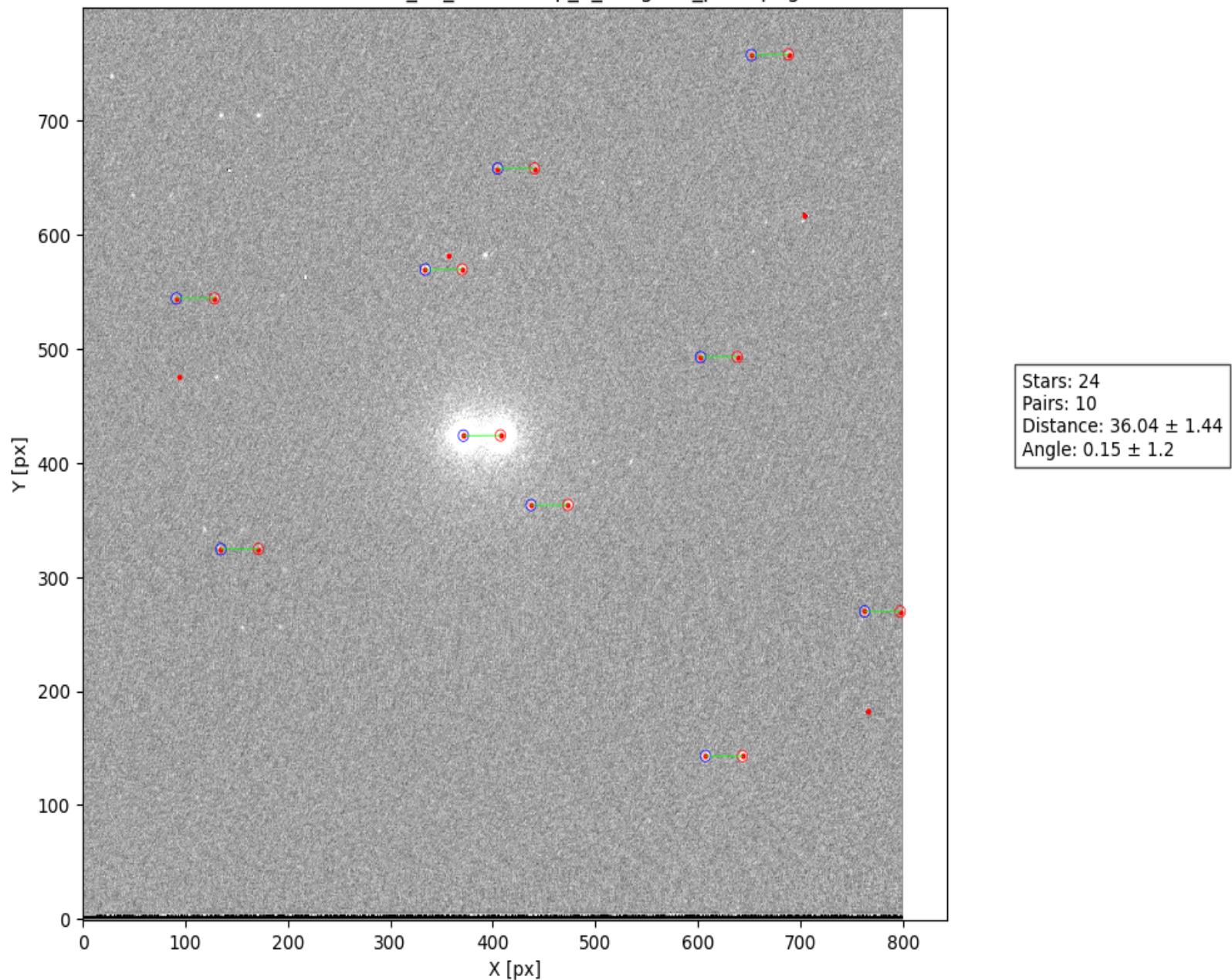
caf-20230720-20_58_07-sci-blap_b_f-aligned_pairs.png



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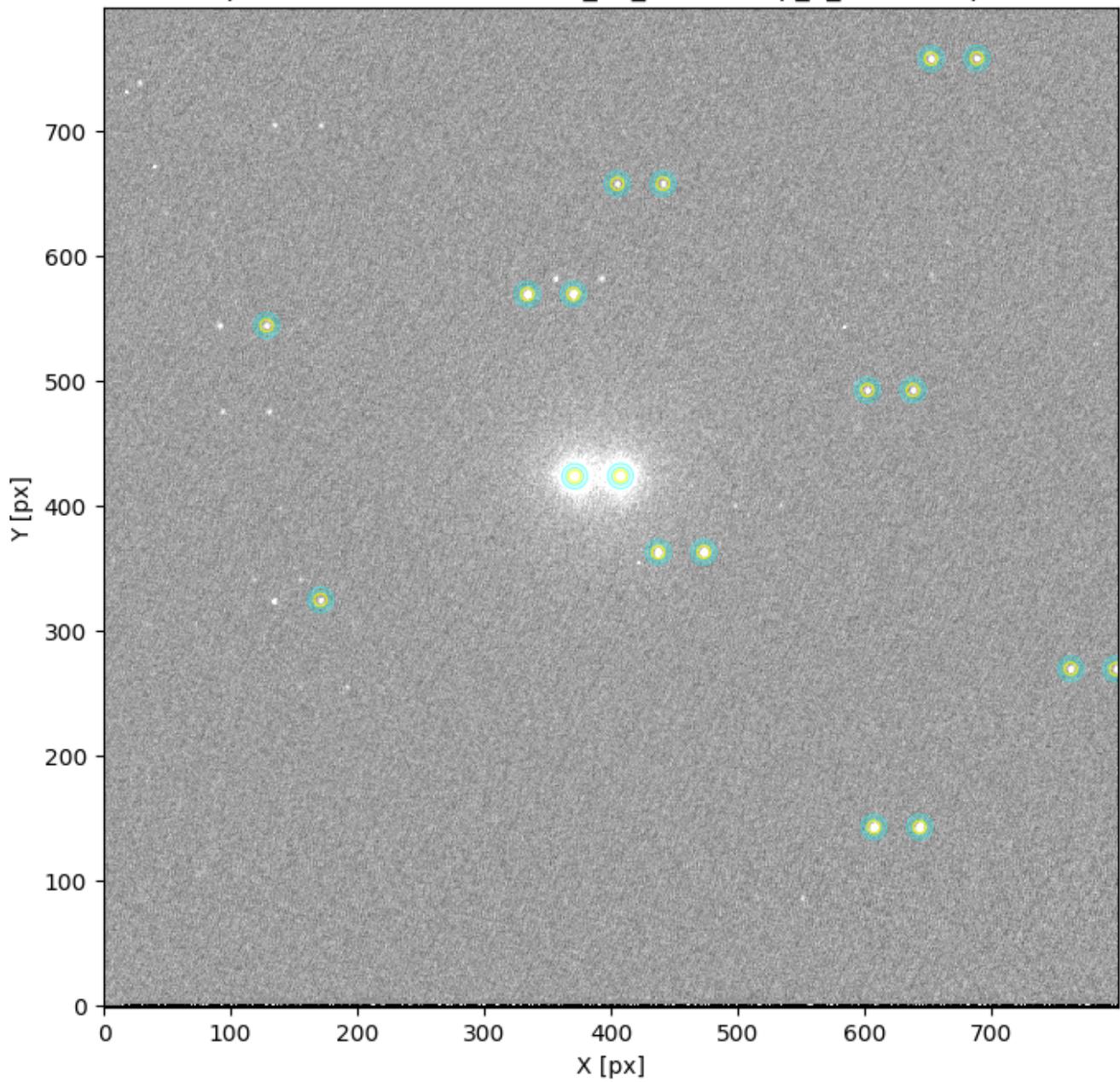


caf-20230720-20_59_34-sci-blap_b_f-aligned_pairs.png

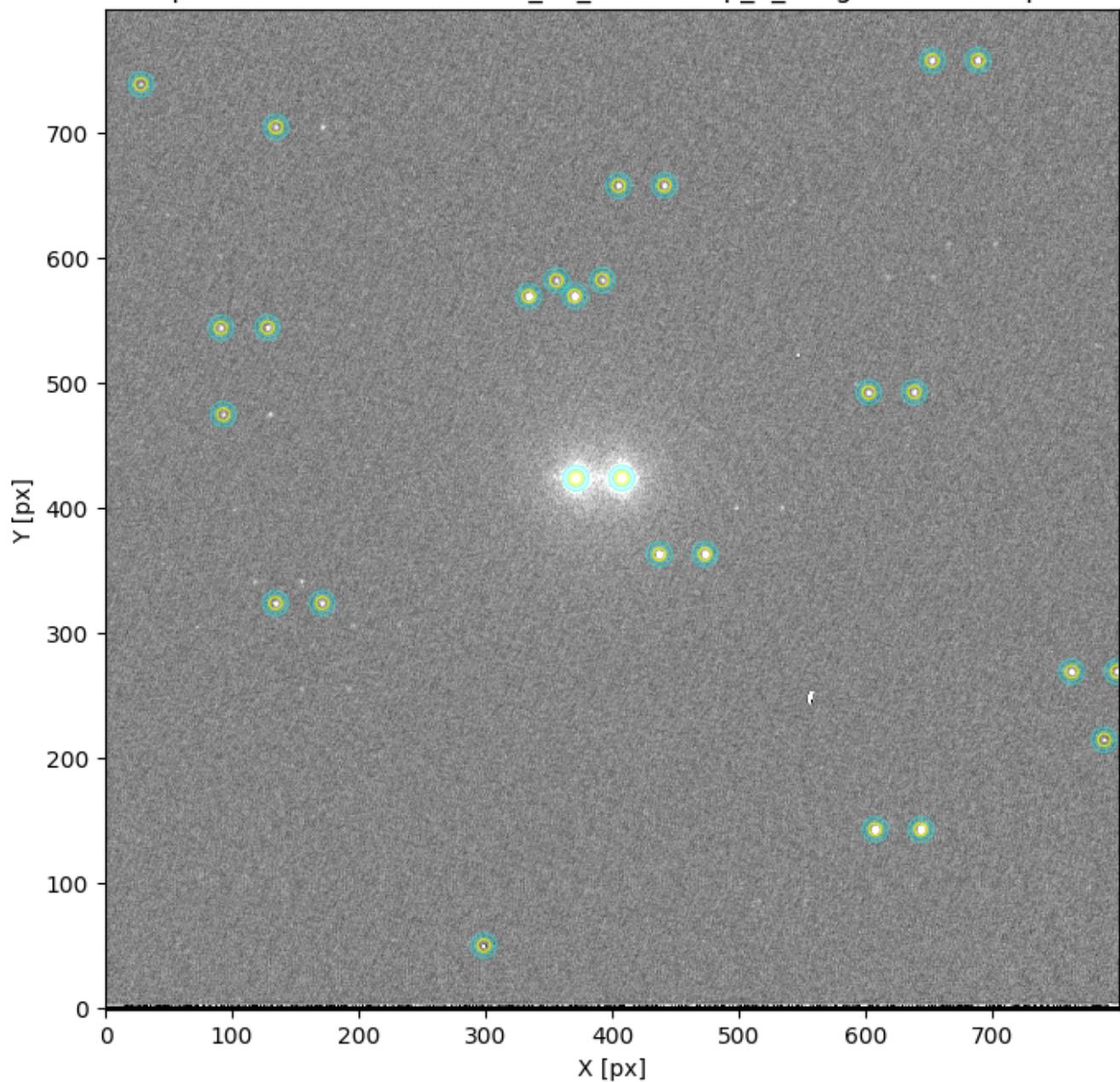


4. Fotometría — Aperturas

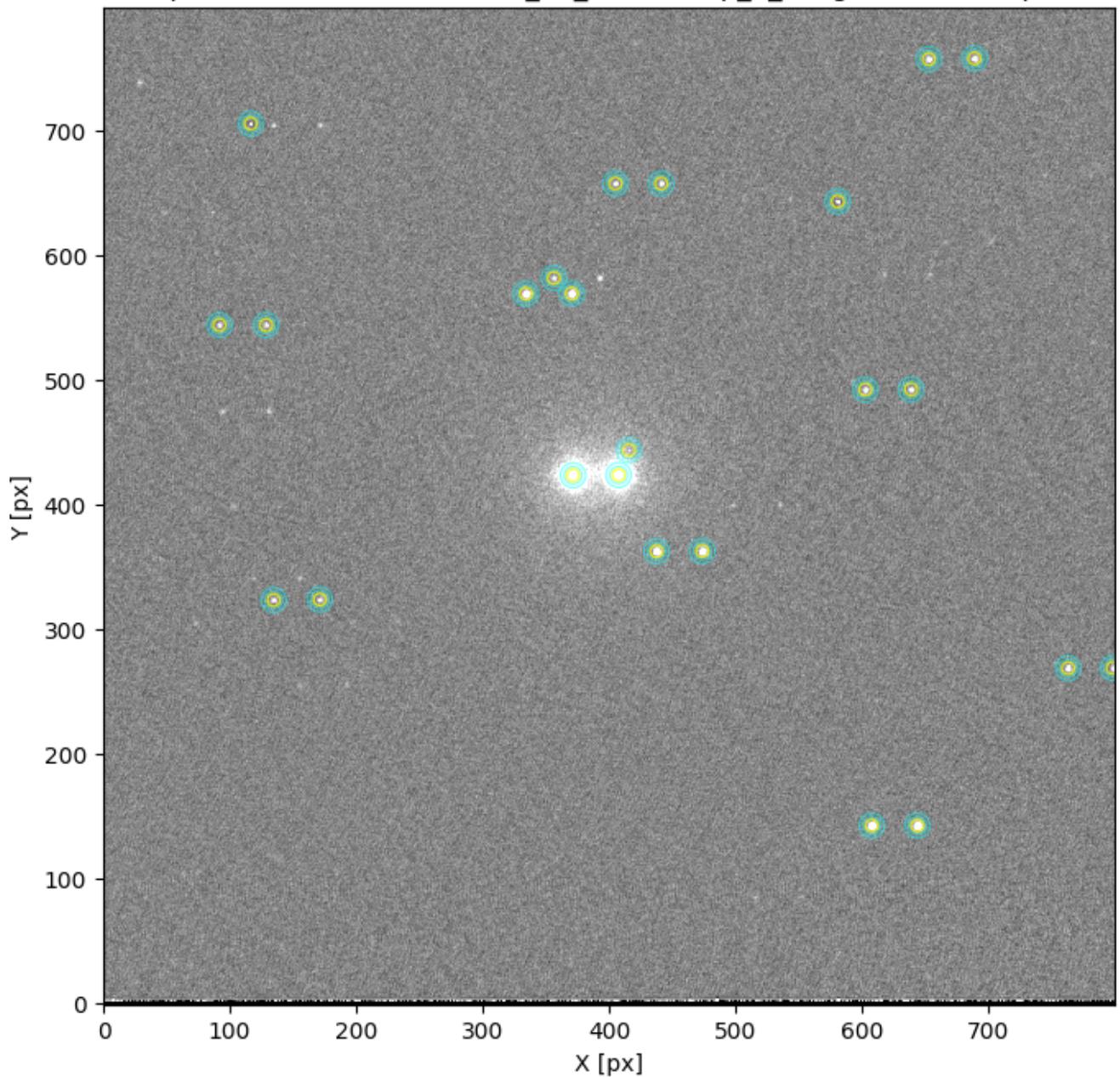
Apertures caf-20230720-20_57_24-sci-blap_b_f.fits ($r=5\text{px}$)



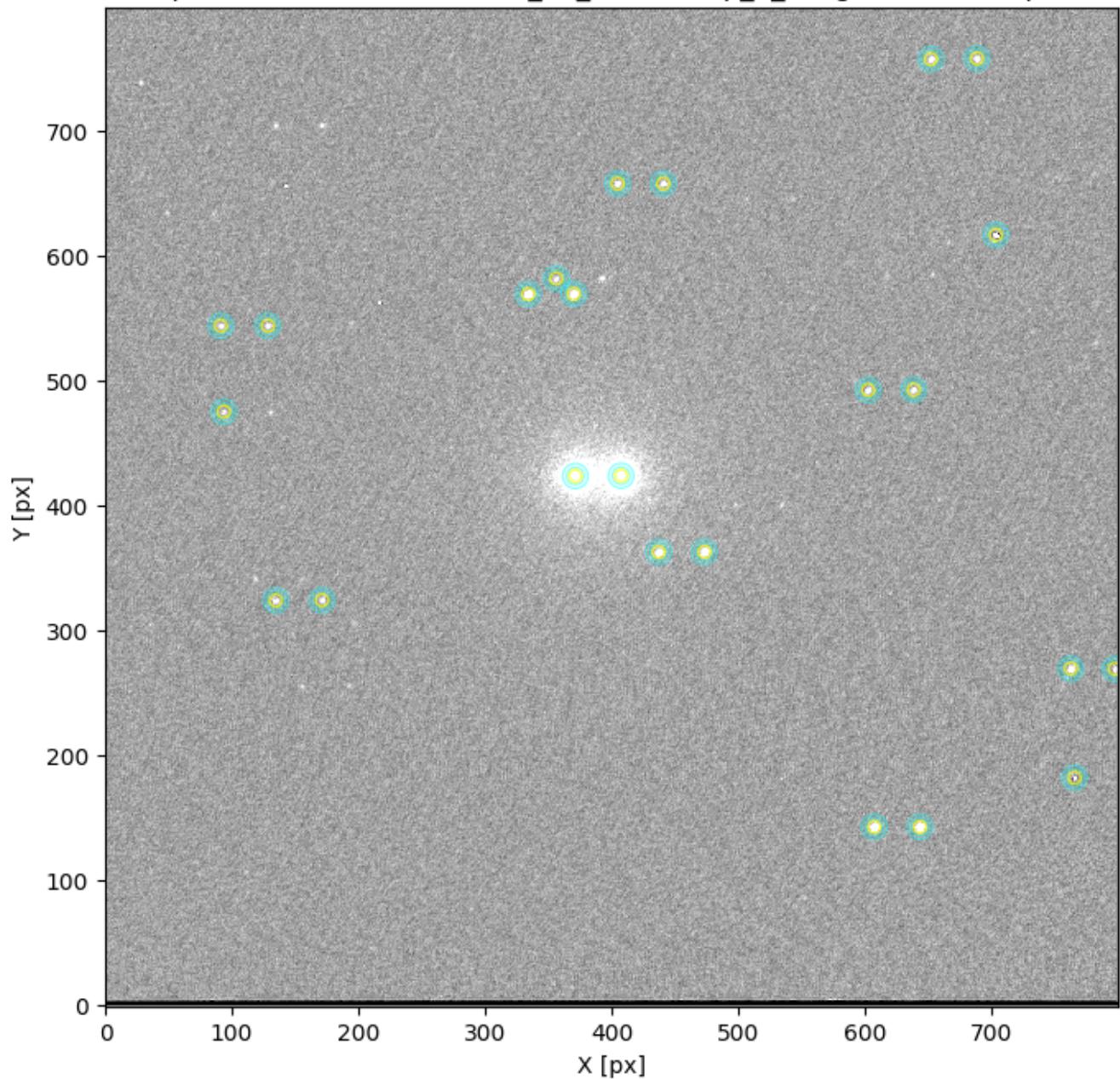
Apertures caf-20230720-20_58_07-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230720-20_58_51-sci-blap_b_f-aligned.fits (r=5px)

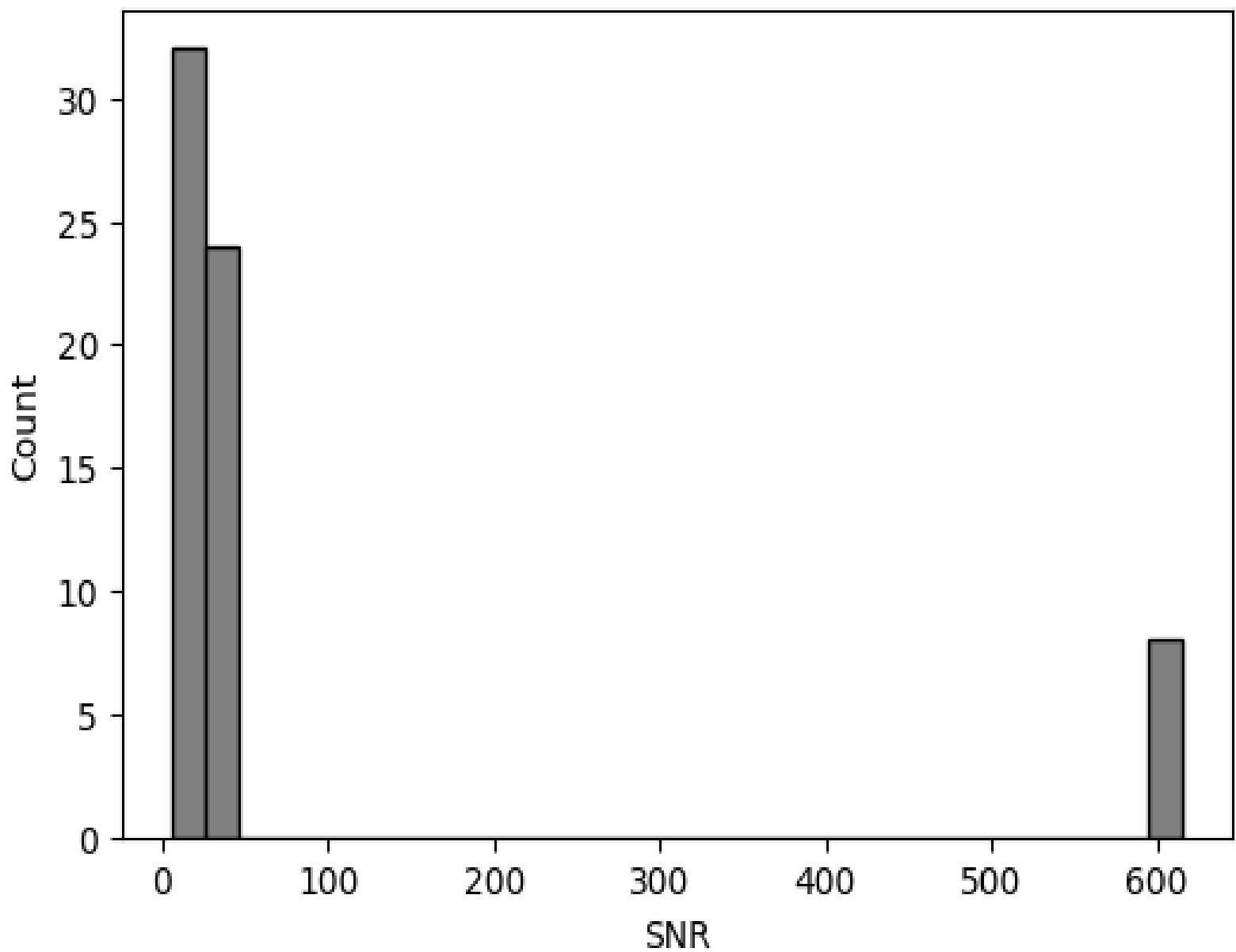


Apertures caf-20230720-20_59_34-sci-blap_b_f-aligned.fits (r=5px)

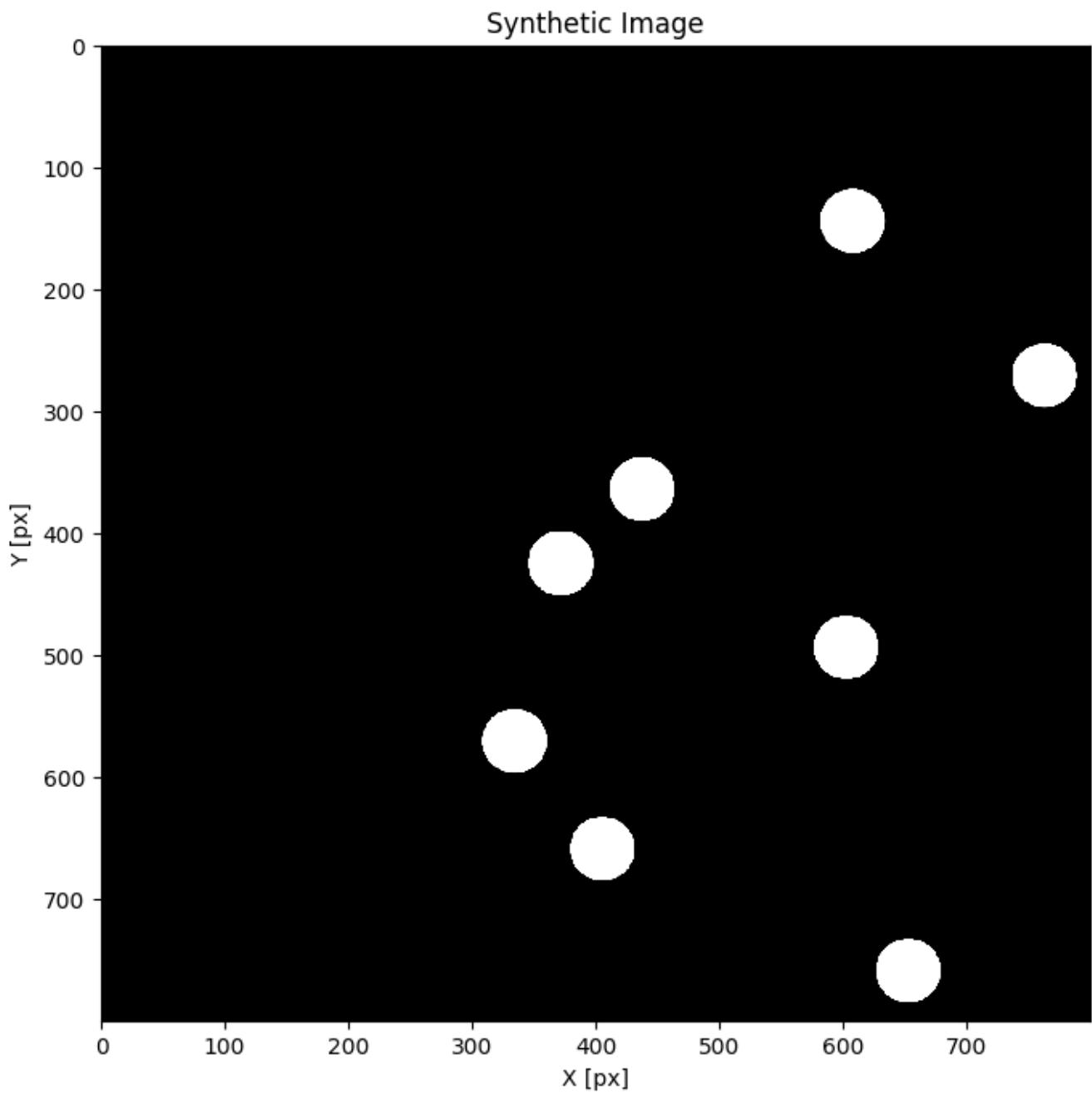


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



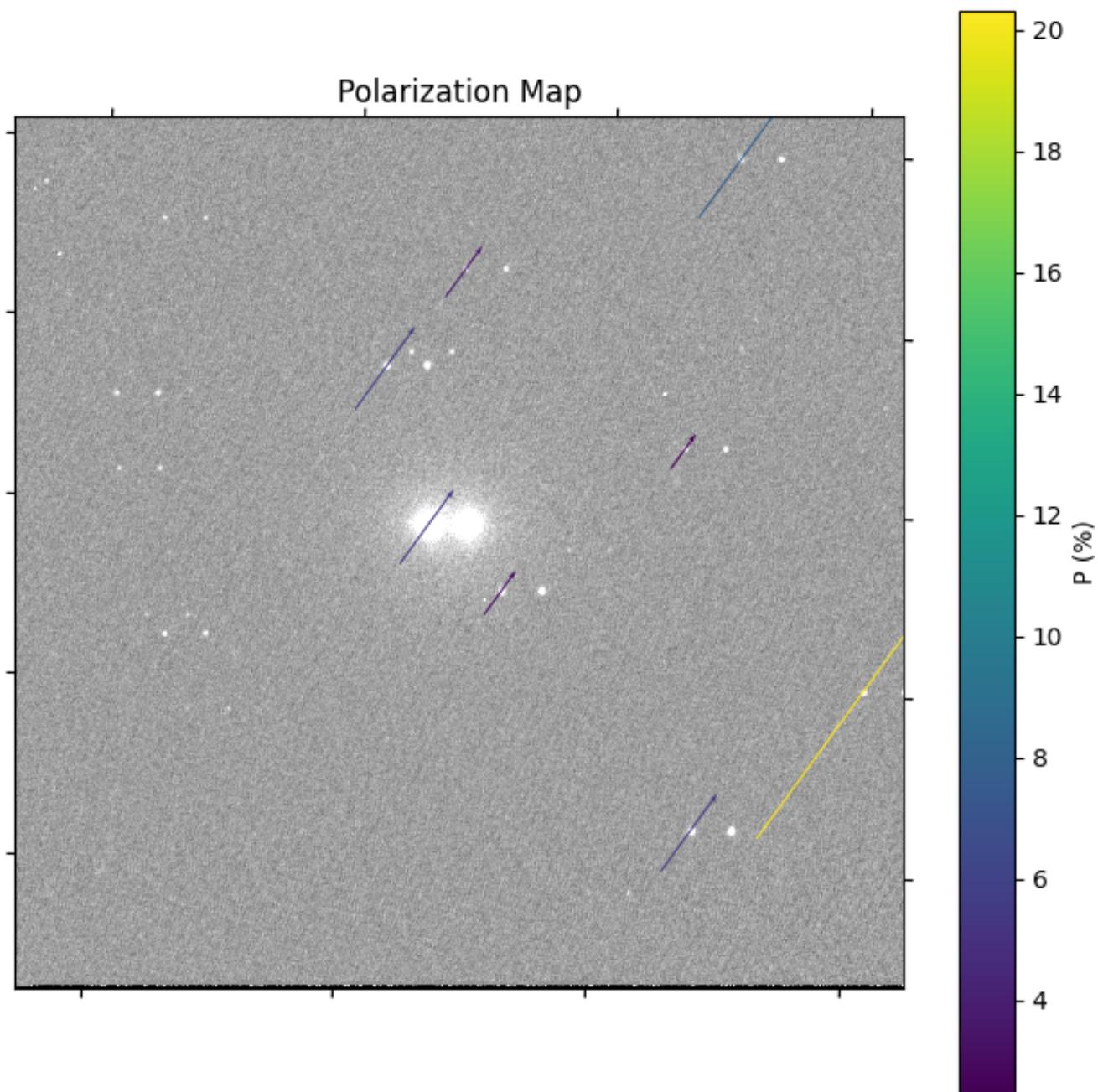
5. Astrometría — Imagen sintética



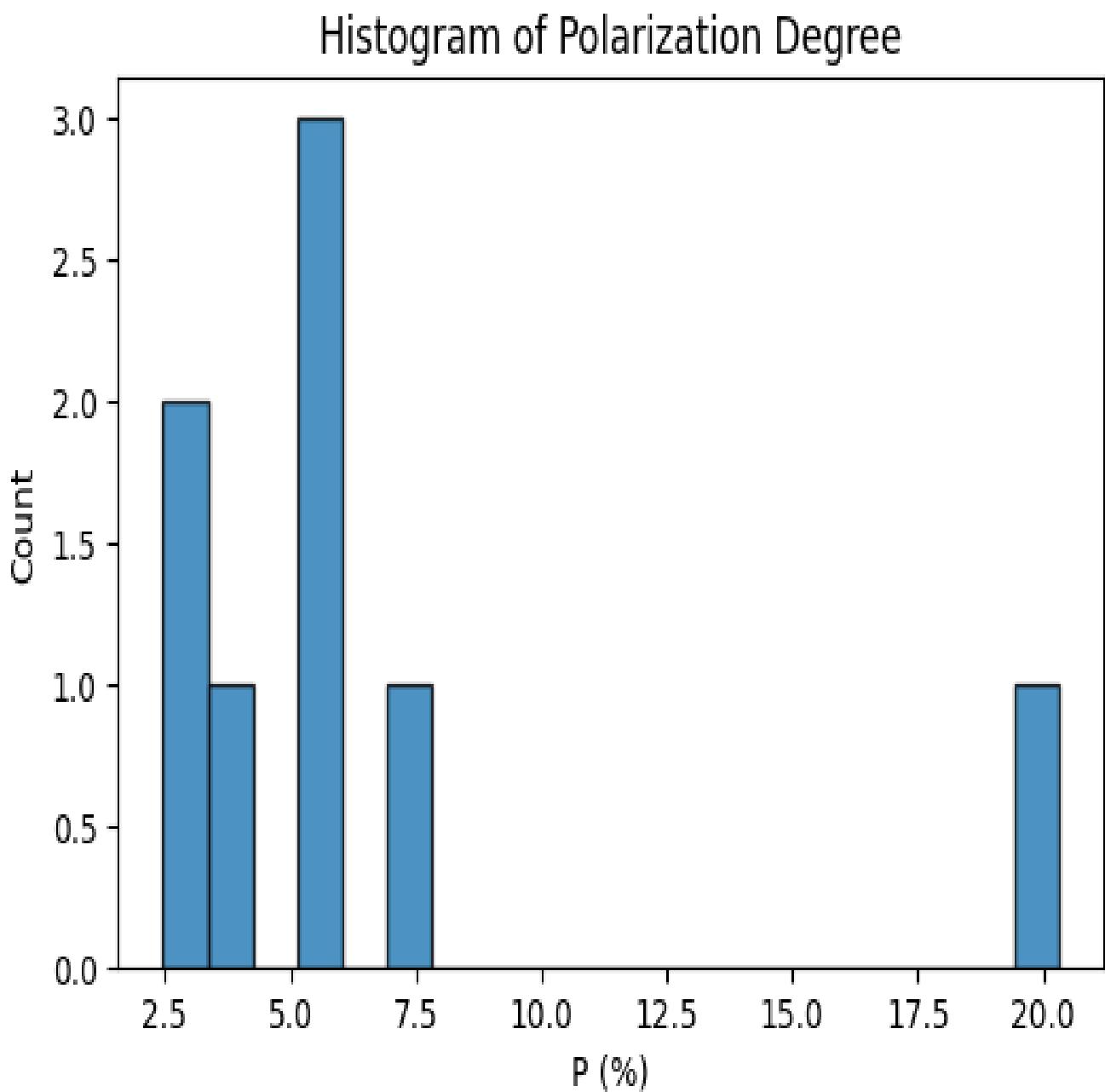
5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
0	256.880344	15.246311	No_ID	
1	256.900371	15.268296	No_ID	
2	256.912778	15.220297	No_ID	
3	256.921655	15.210352	HD 154892	HighPM*
4	256.933235	15.243736	No_ID	
5	256.943531	15.204120	No_ID	
6	256.957243	15.214029	No_ID	
7	256.973690	15.249615	No_ID	

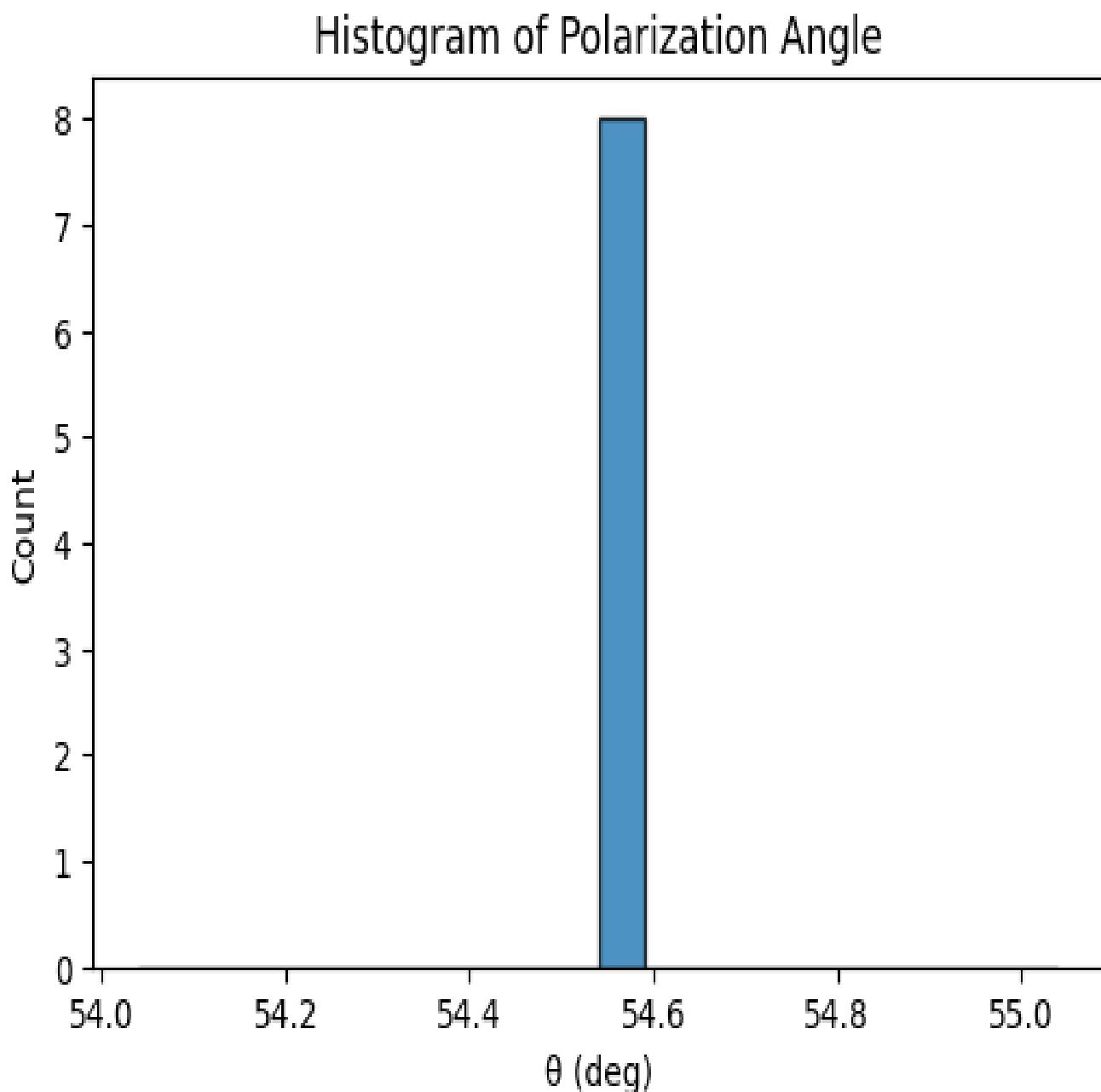
6. Polarimetría — Mapa de polarización



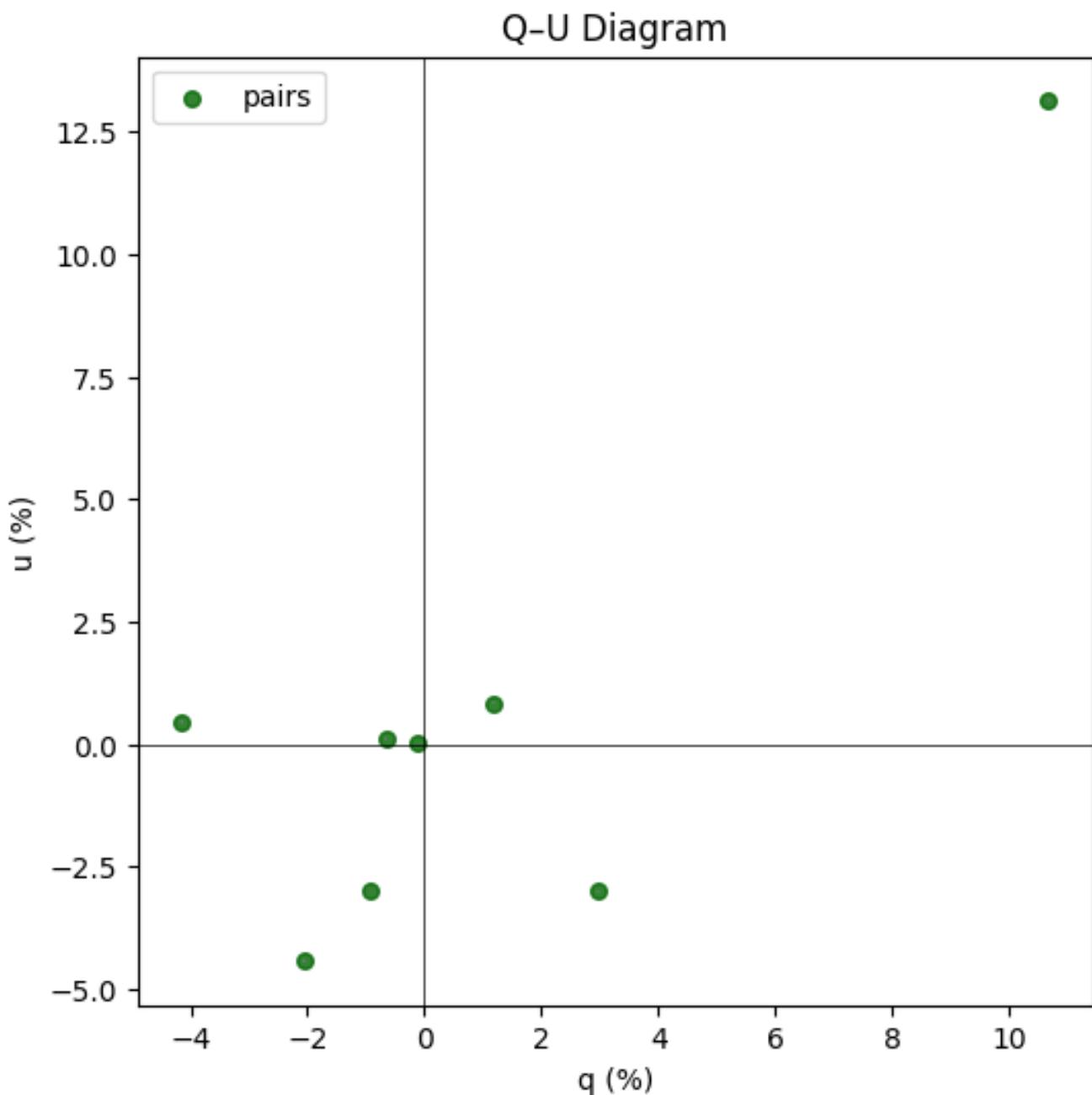
6. Polarimetría — Histograma de P



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	-0.106 \pm 0.000	1.0	0.041 \pm 0.000	1.0
1	-	-	-	-

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.

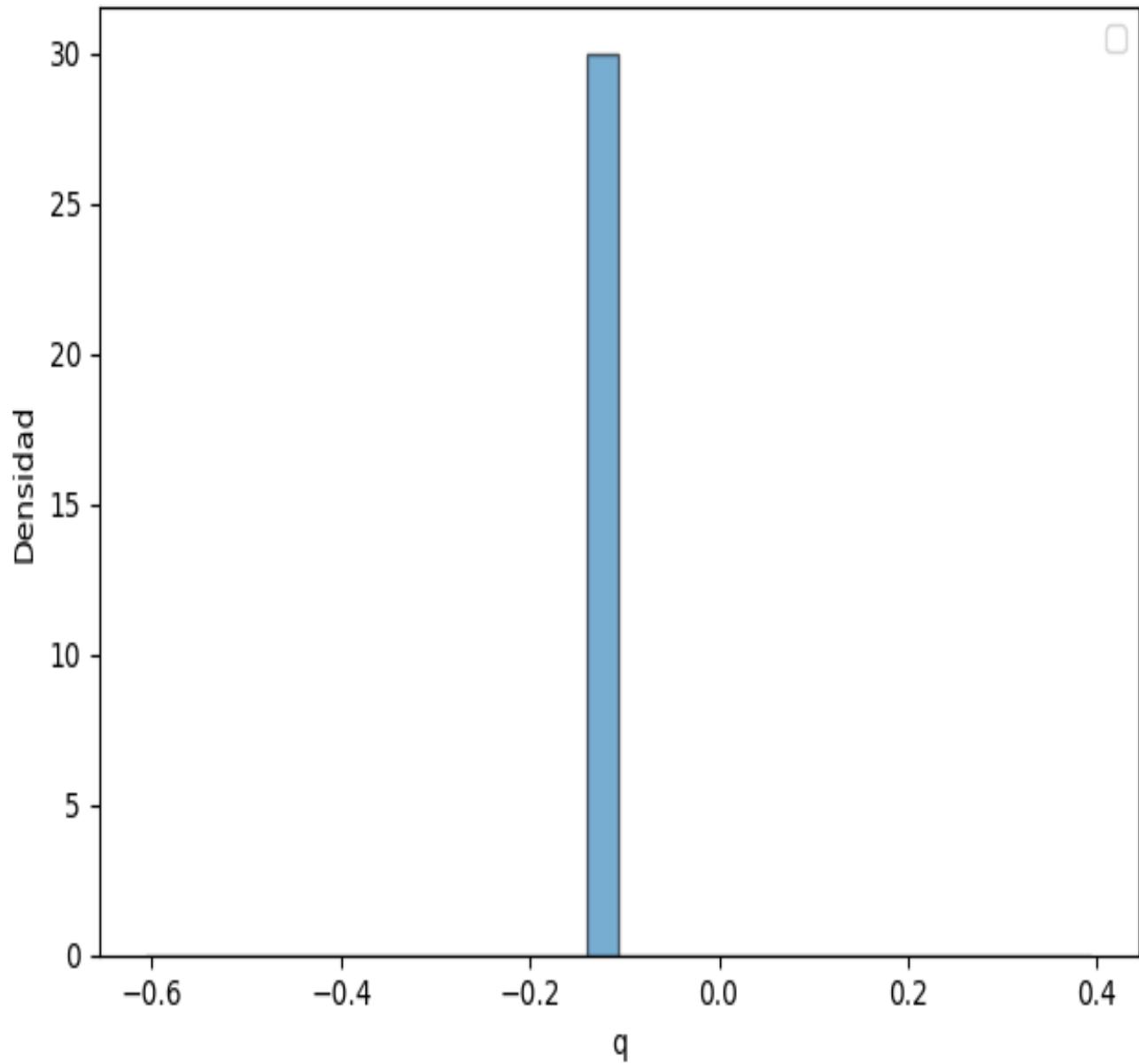
U sigmas: desviaciones estándar (σ) de los componentes gaussianos ajustados a u.

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

