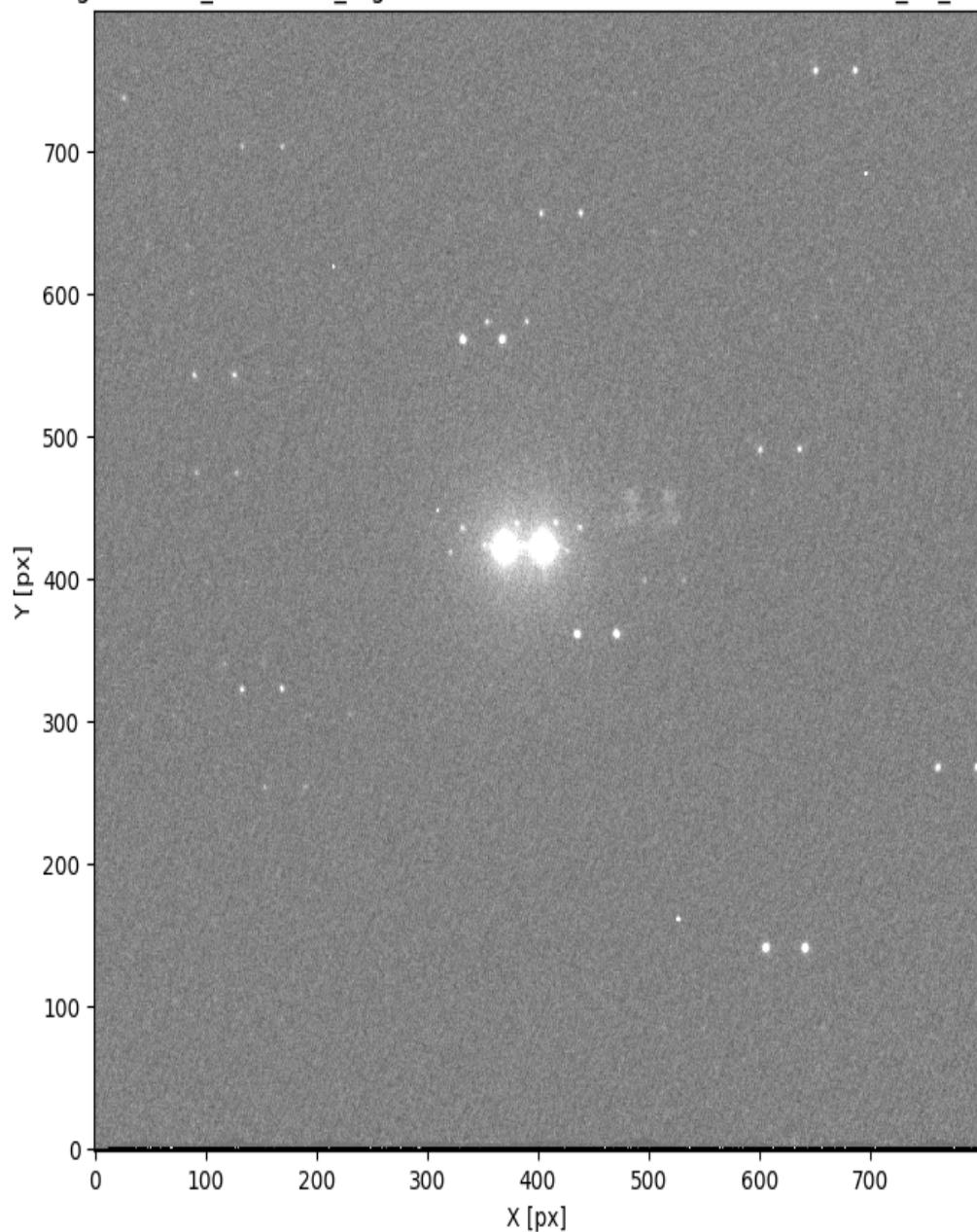
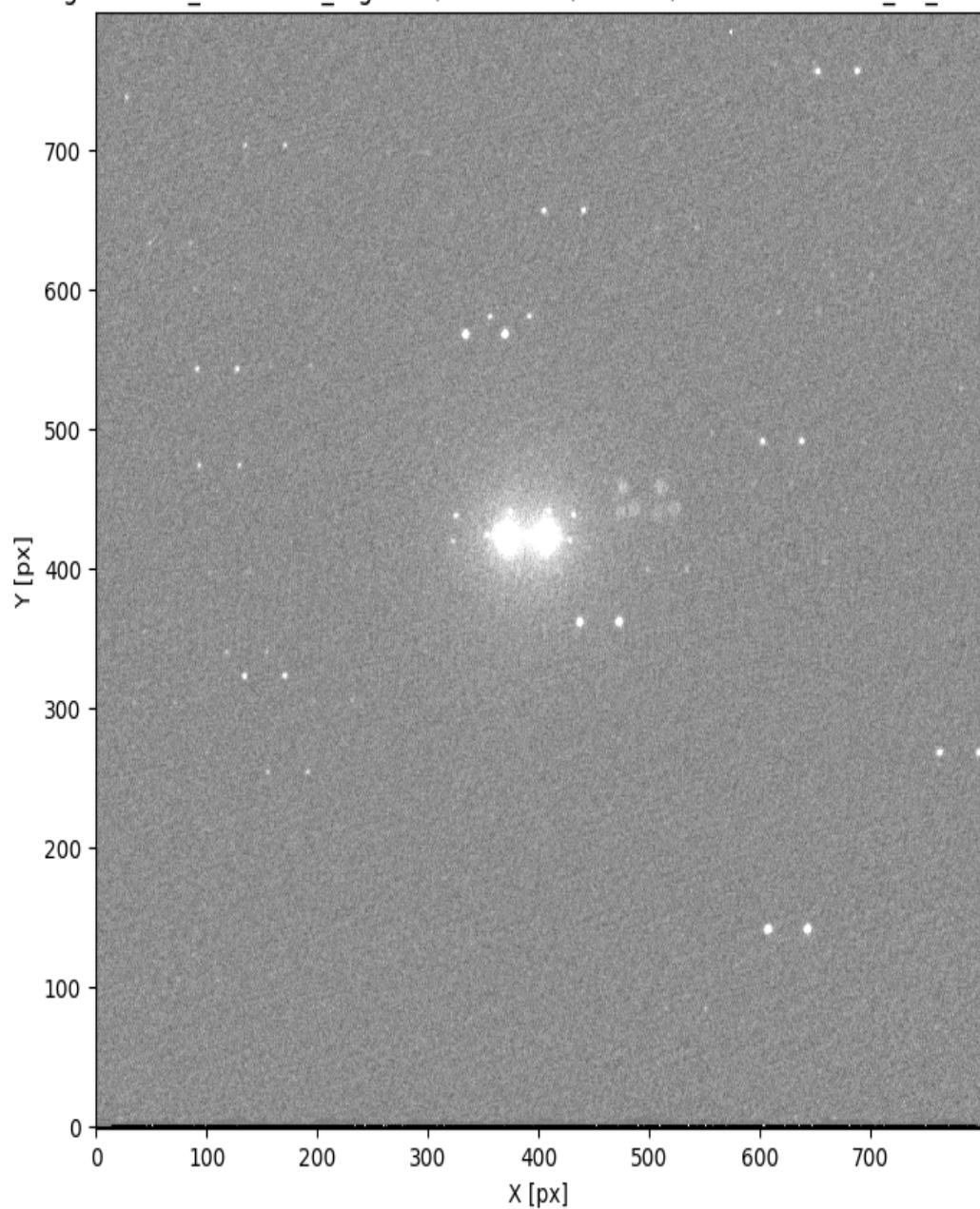


1. Imágenes originales

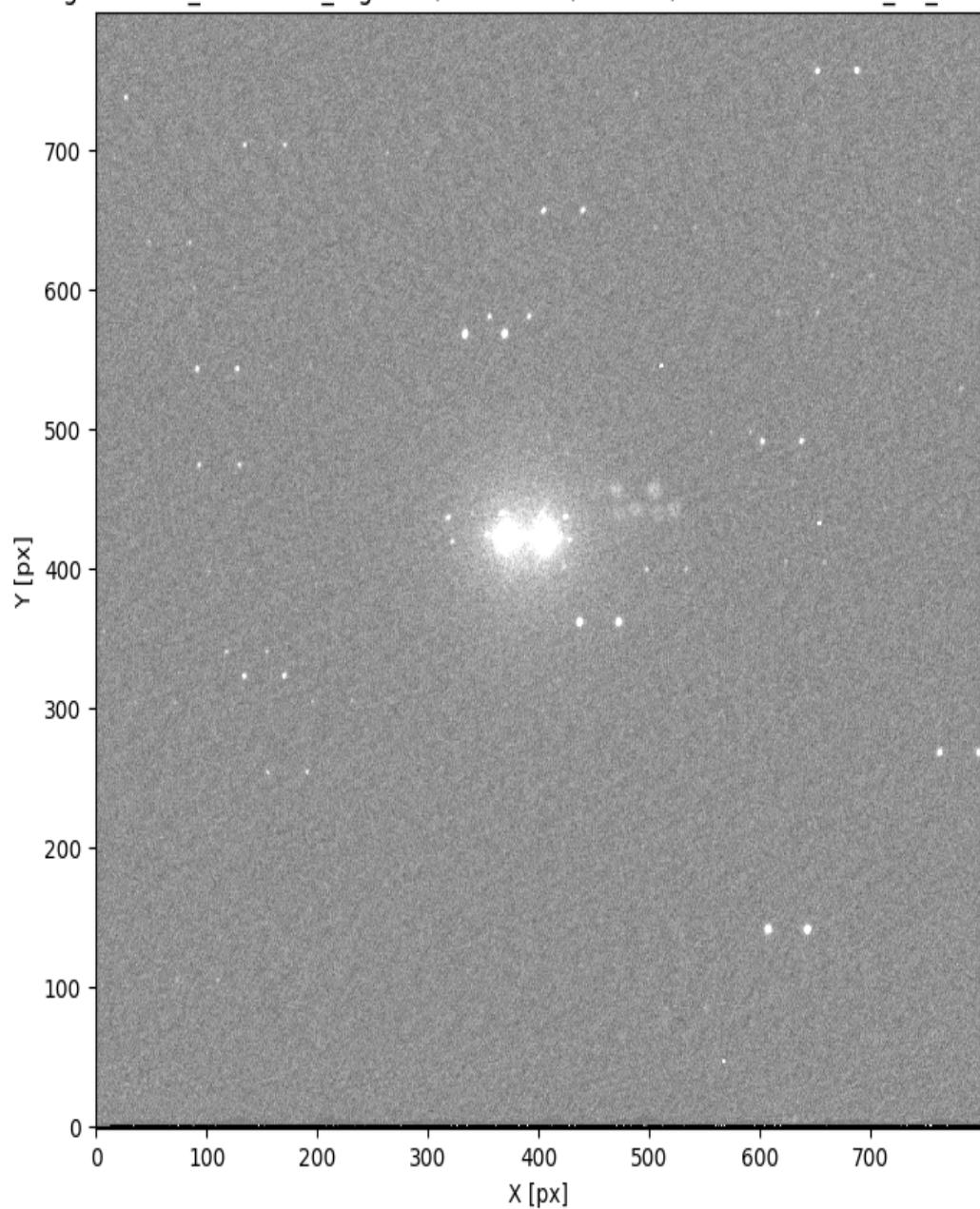
Reference Image noche1_20230720_organize/HD154892/BessellI/caf-20230720-20_51_30-sci-blap_b_f.fits



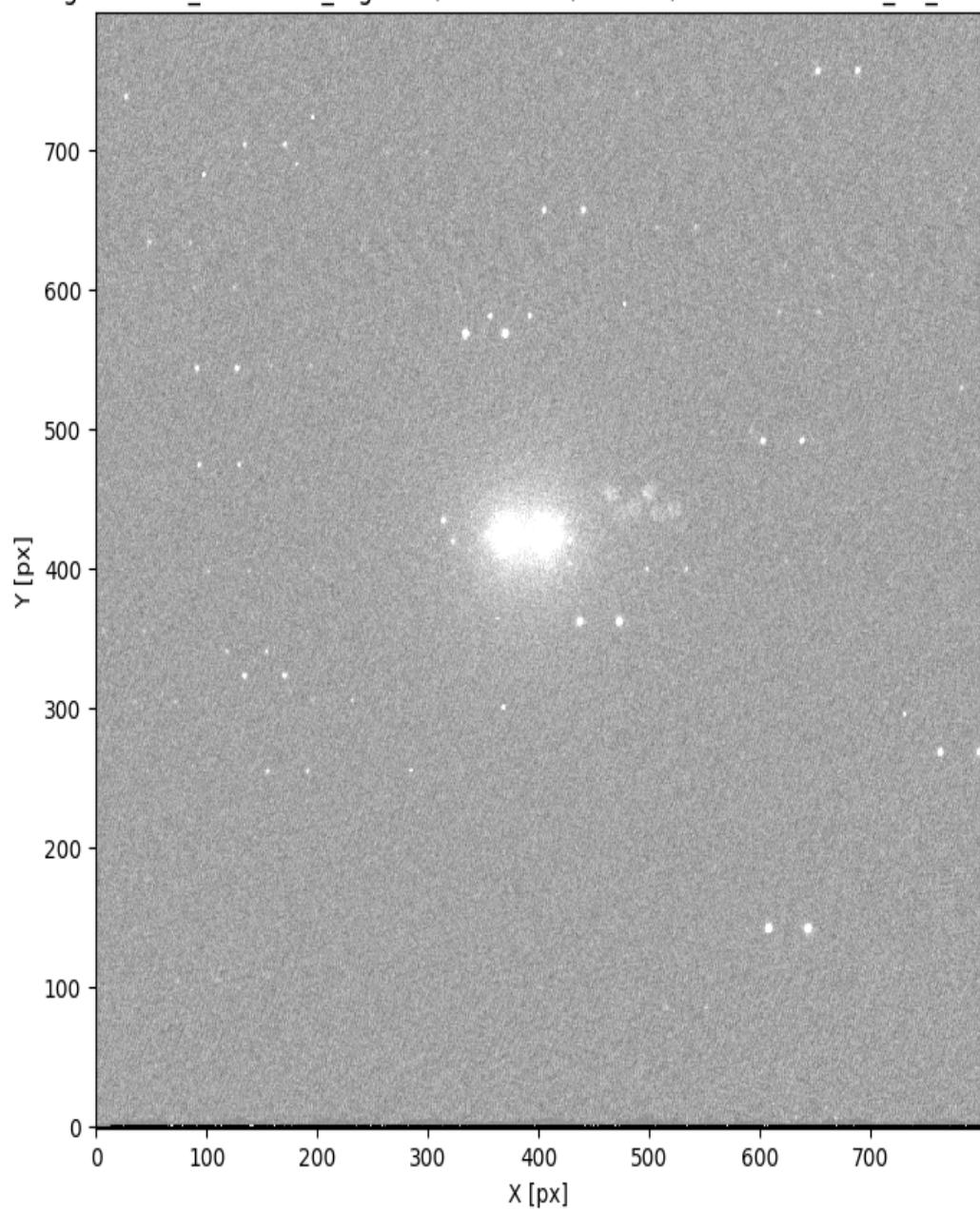
Original Image noche1_20230720_organize/HD154892/Besselli/caf-20230720-20_52_13-sci-blap_b_f.fits



Original Image noche1_20230720_organize/HD154892/Besselll/caf-20230720-20_52_57-sci-blap_b_f.fits

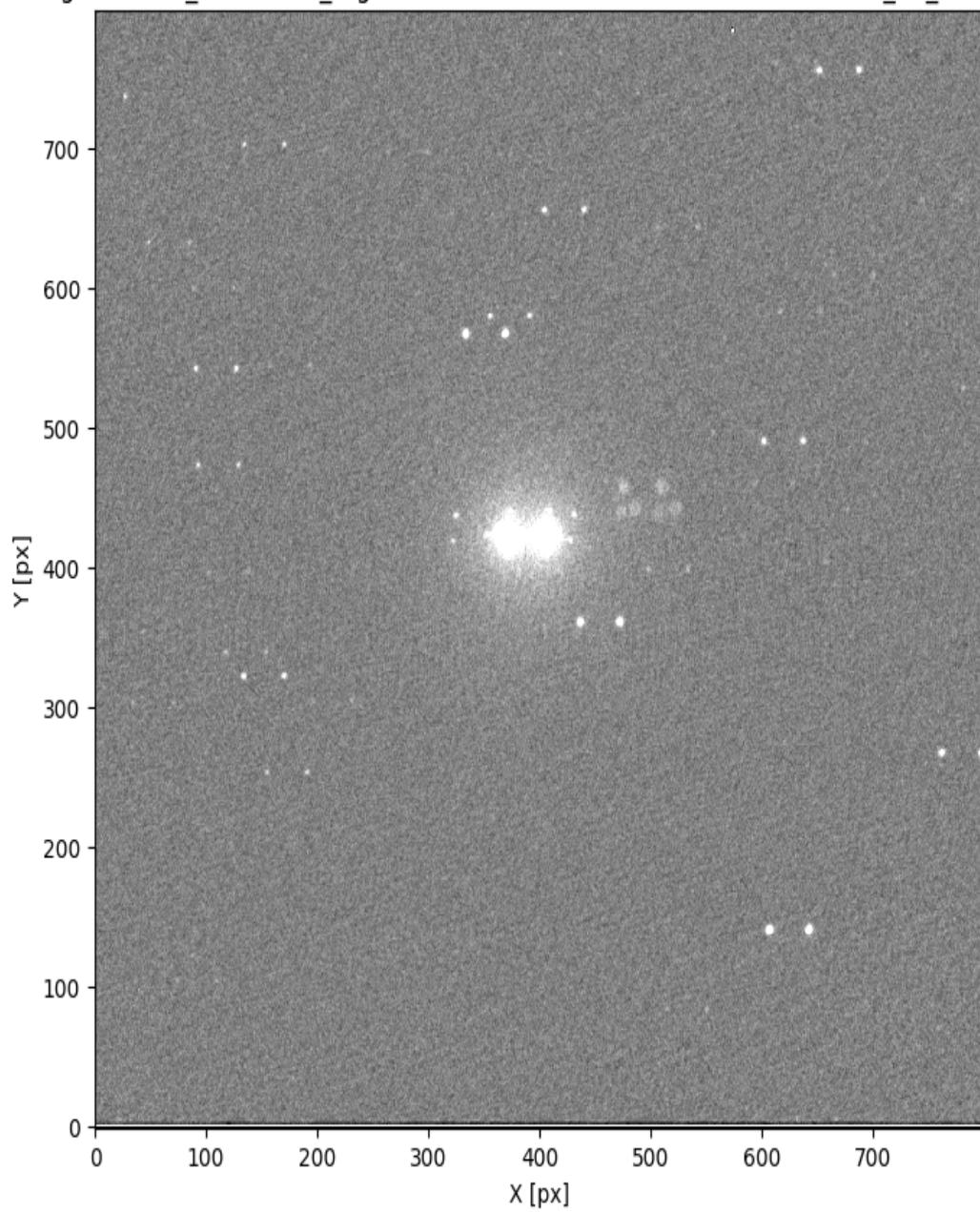


Original Image noche1_20230720_organize/HD154892/Besselli/caf-20230720-20_53_40-sci-blap_b_f.fits

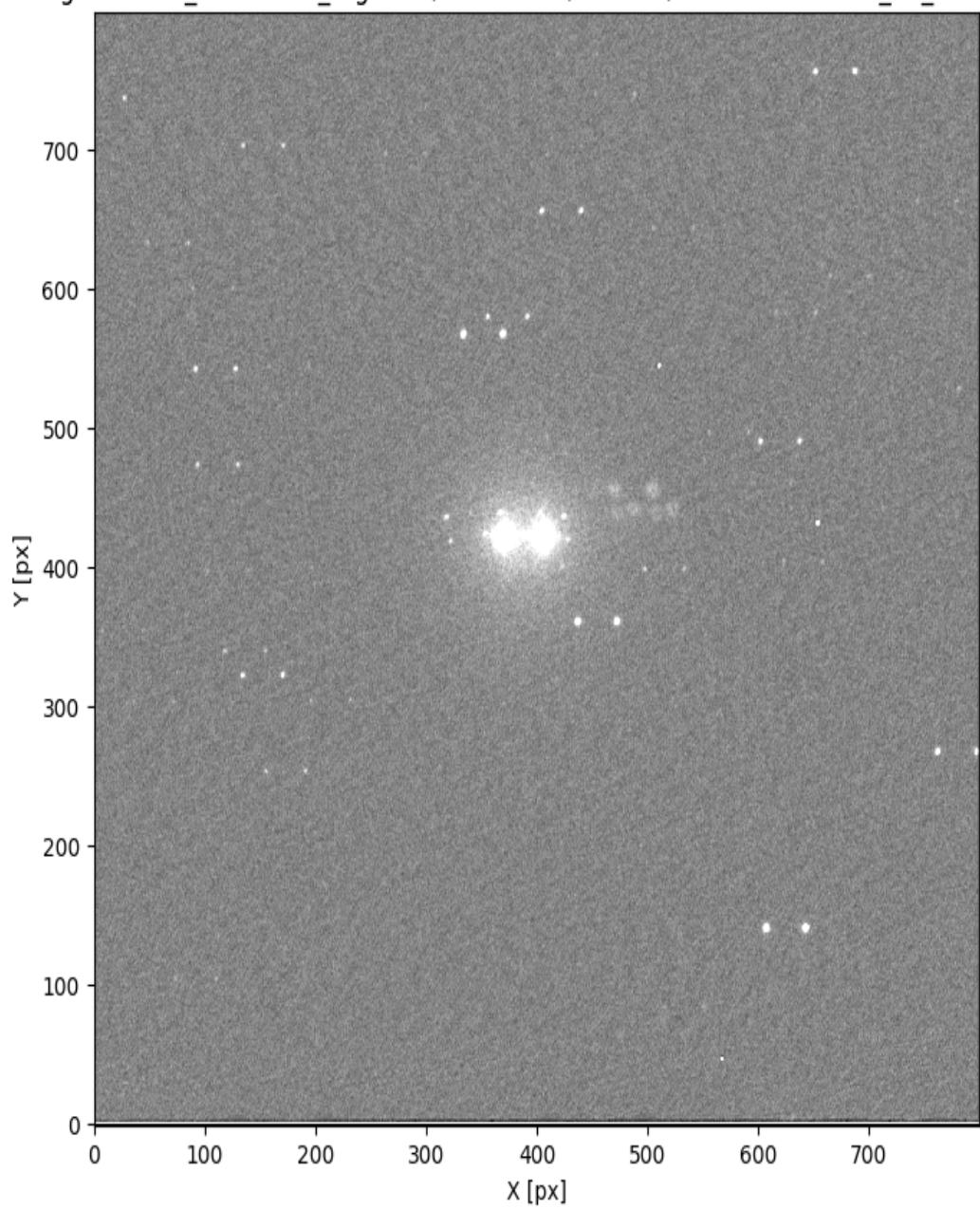


2. Imágenes alineadas

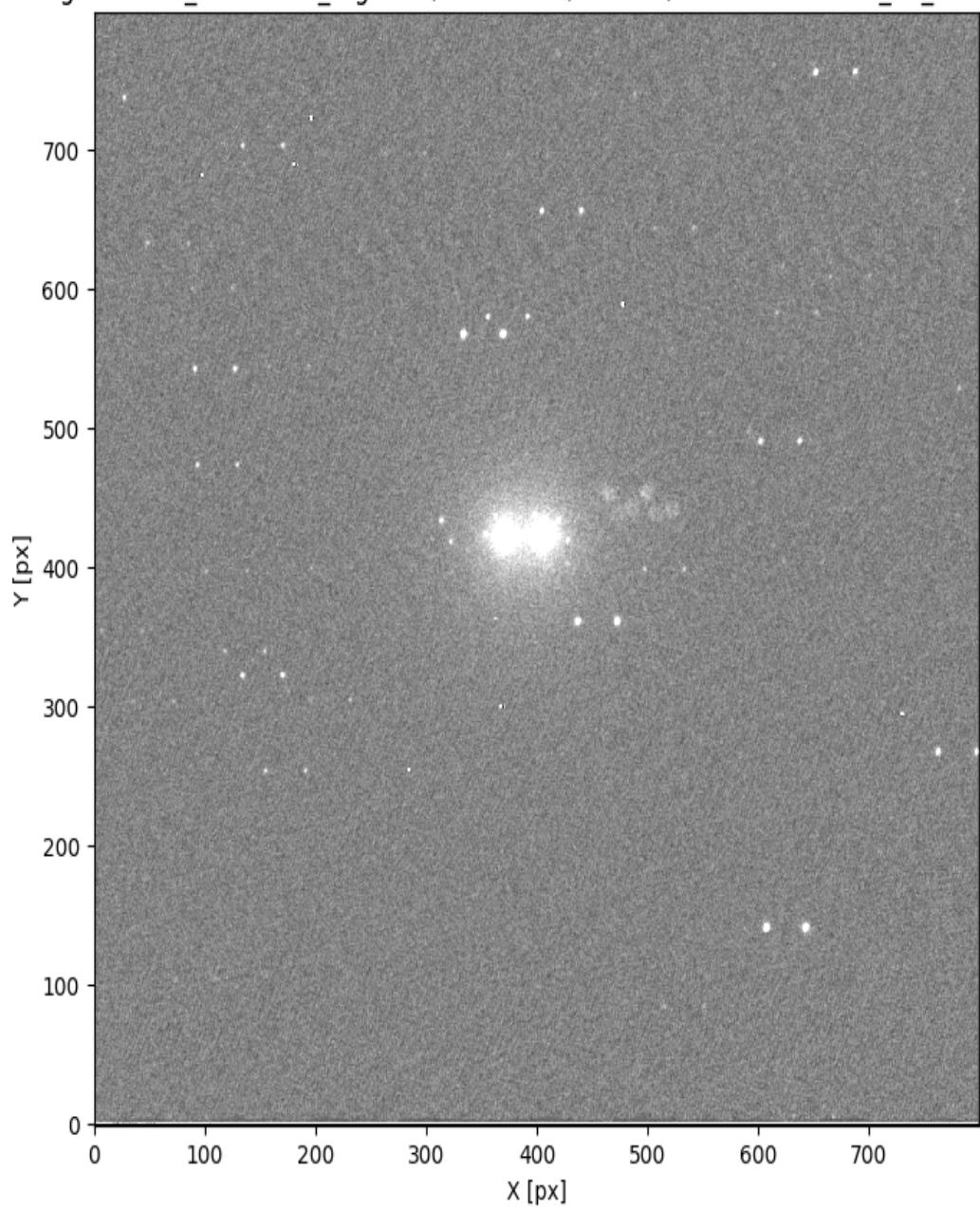
Aligned Image noche1_20230720_organize/HD154892/Besselli/caf-20230720-20_52_13-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/HD154892/Besselli/caf-20230720-20_52_57-sci-blap_b_f.fits

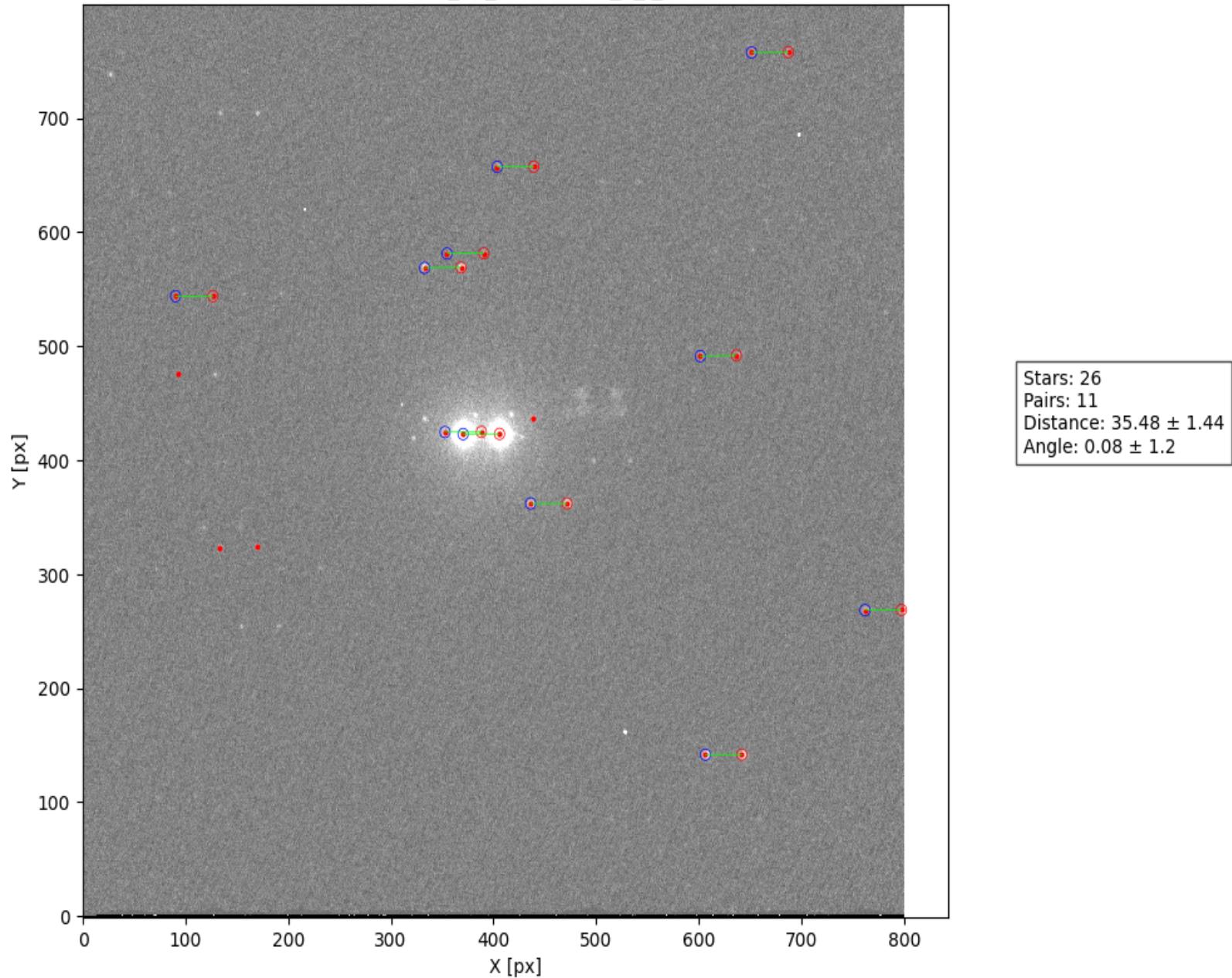


Aligned Image noche1_20230720_organize/HD154892/Besselli/caf-20230720-20_53_40-sci-blap_b_f.fits

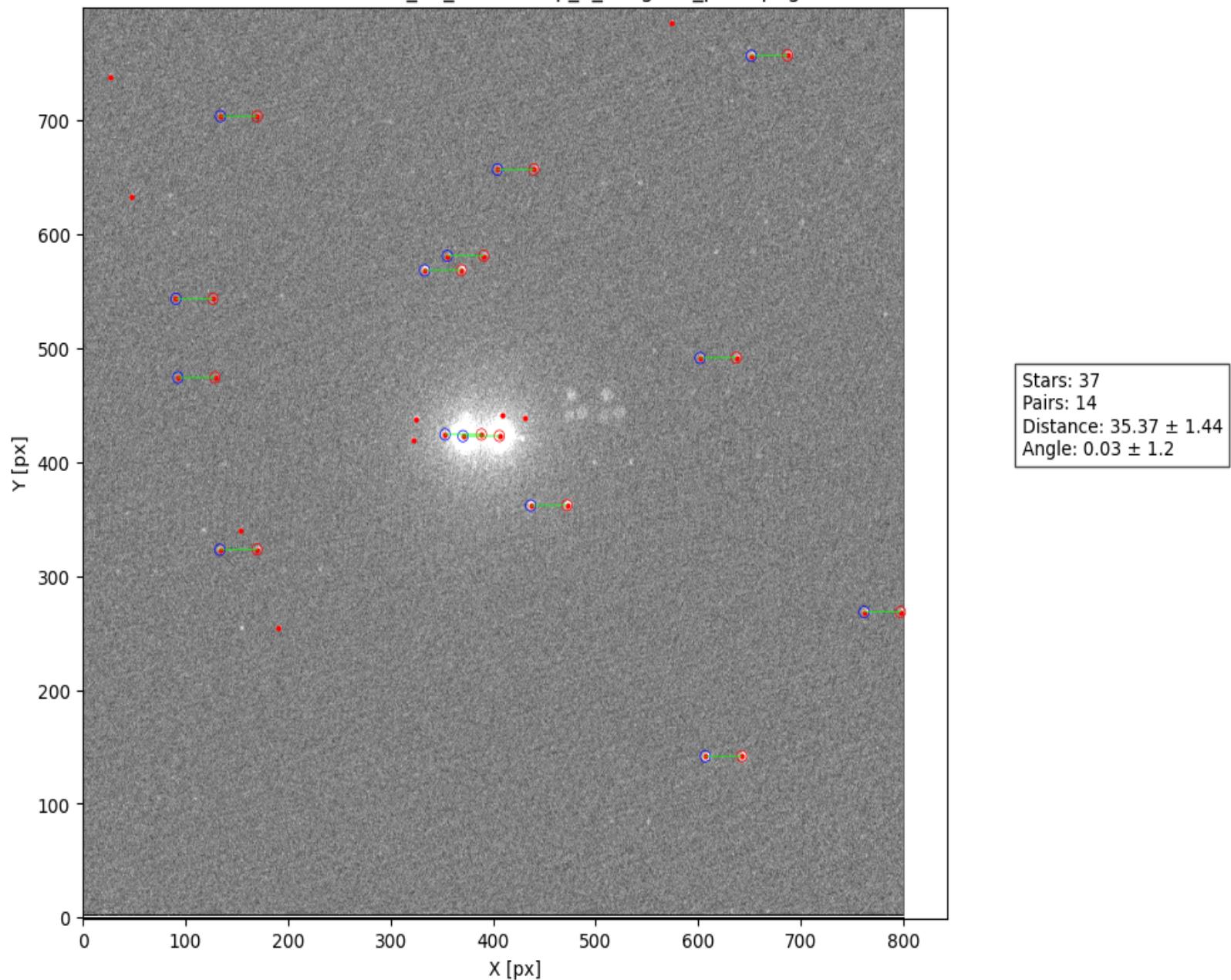


3. Imágenes con pares identificados

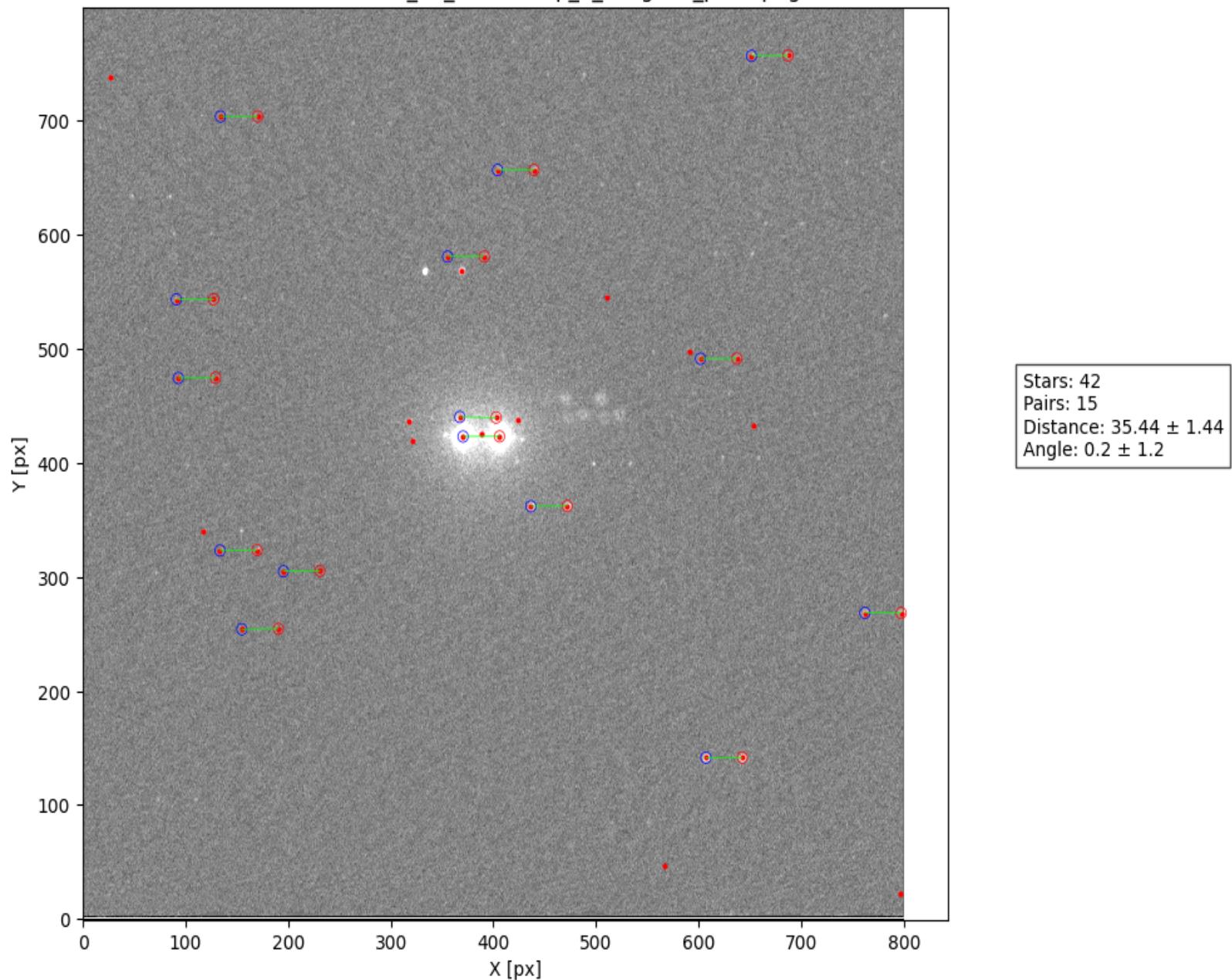
caf-20230720-20_51_30-sci-blap_b_f_pairs.png



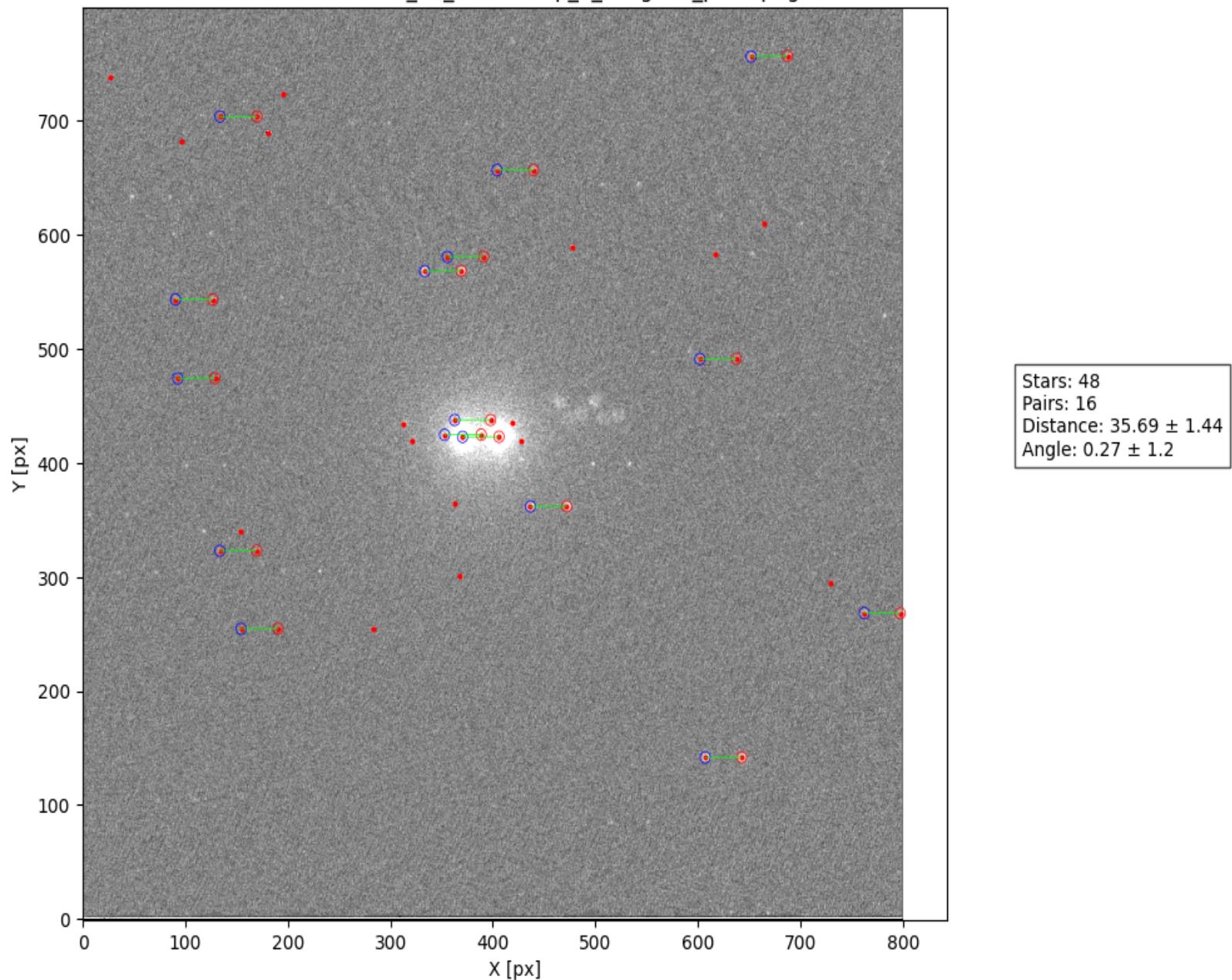
caf-20230720-20_52_13-sci-blap_b_f-aligned_pairs.png



caf-20230720-20_52_57-sci-blap_b_f-aligned_pairs.png

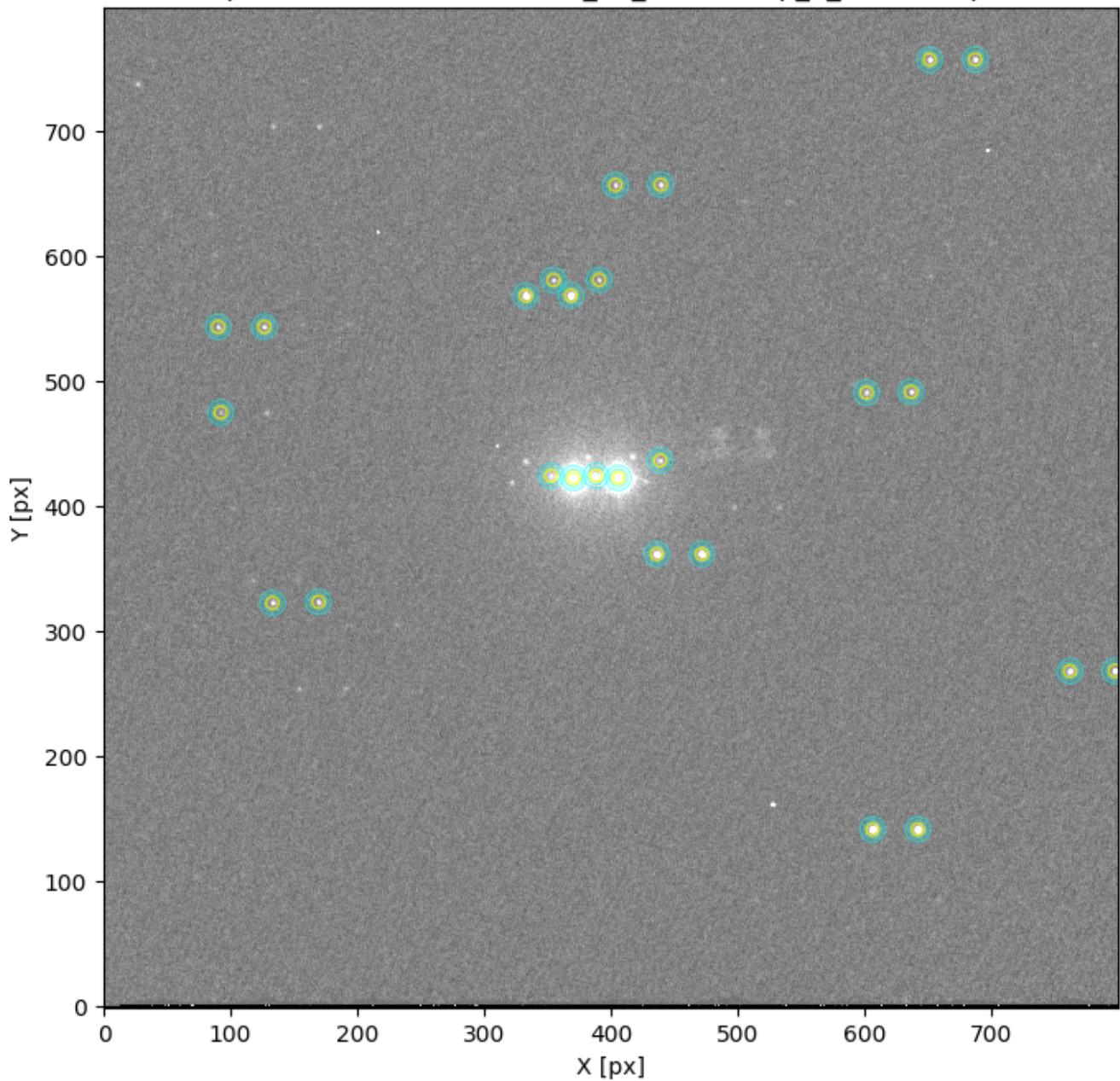


caf-20230720-20_53_40-sci-blap_b_f-aligned_pairs.png

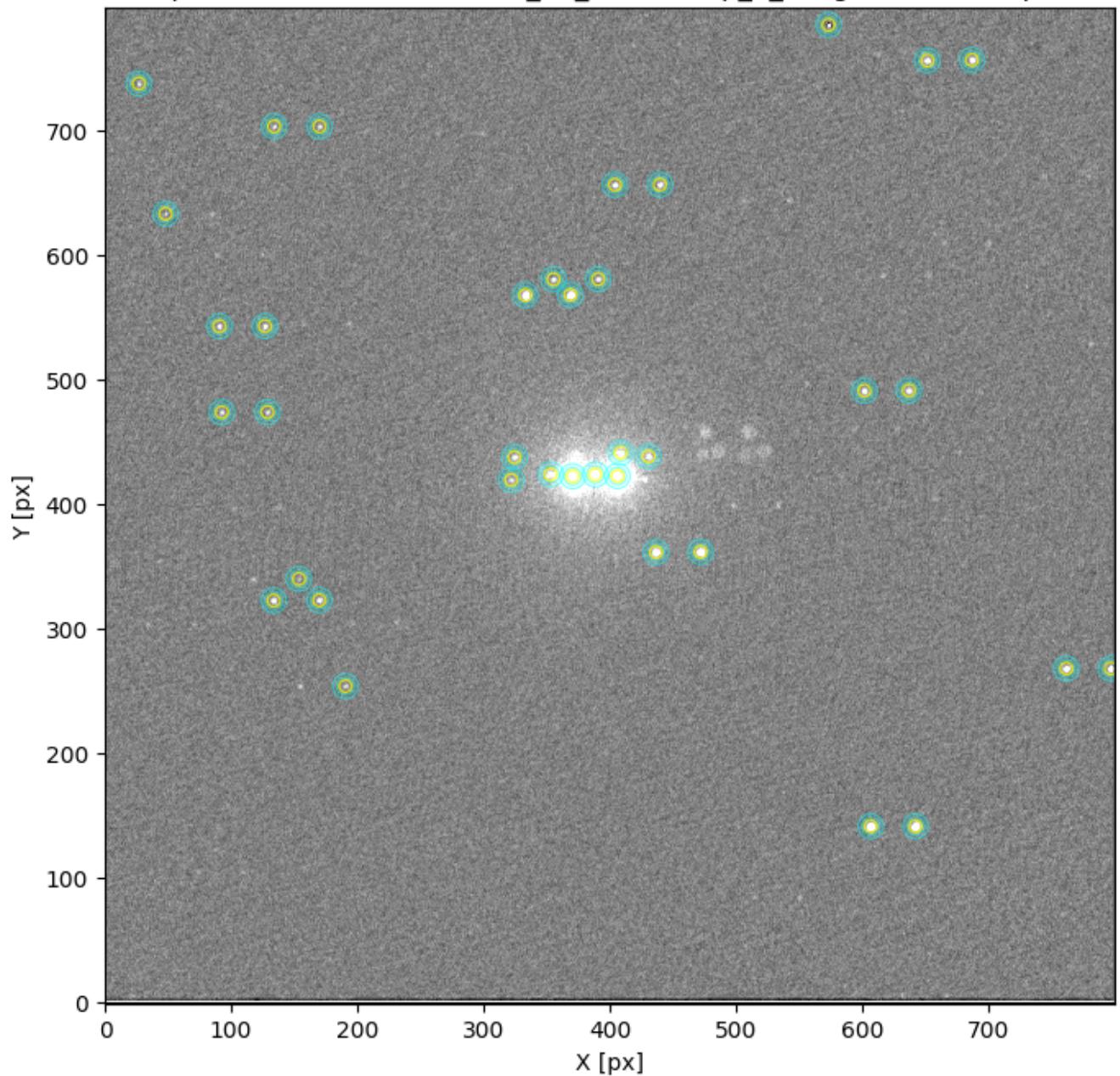


4. Fotometría — Aperturas

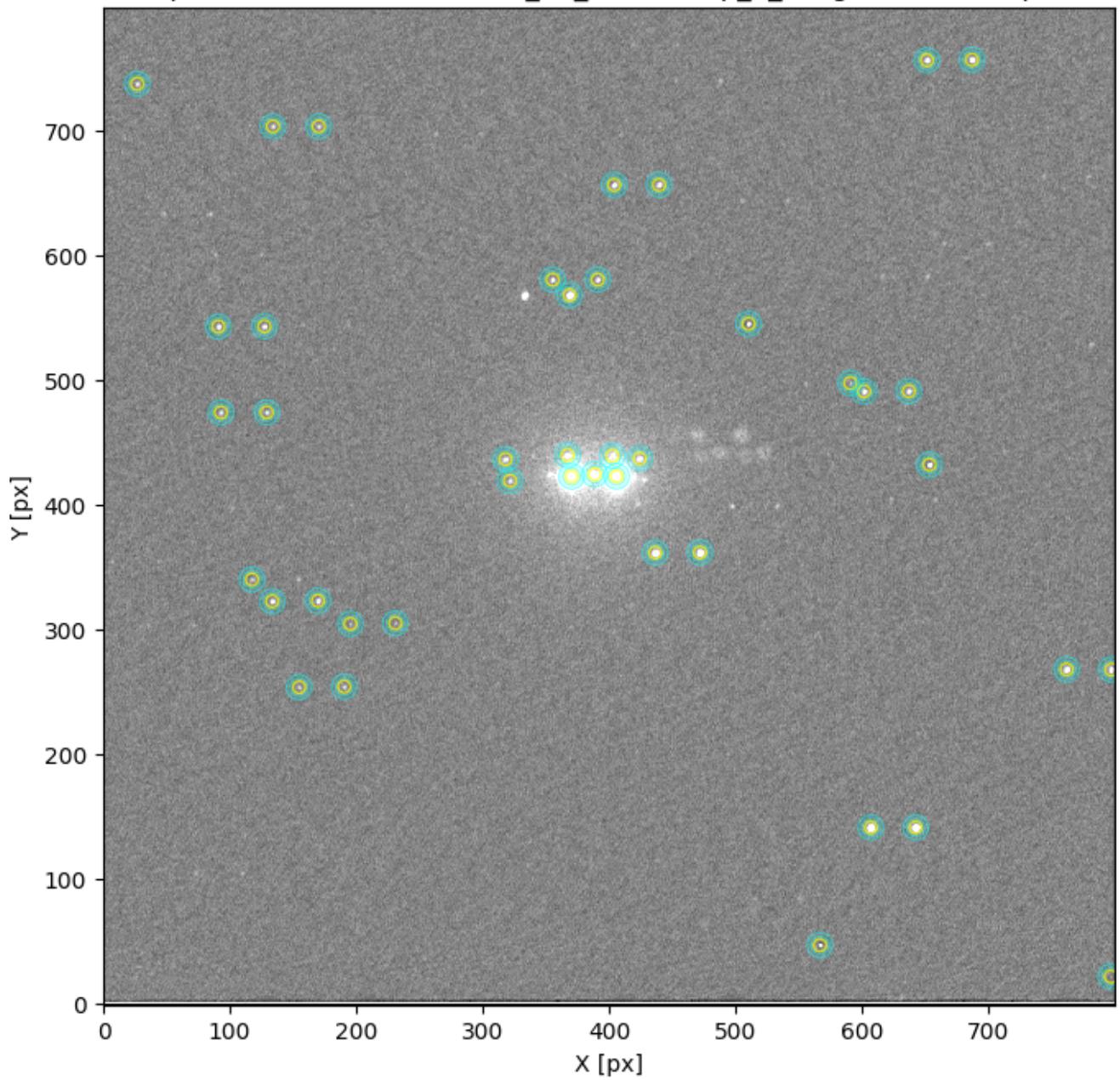
Apertures caf-20230720-20_51_30-sci-blap_b_f.fits ($r=5\text{px}$)



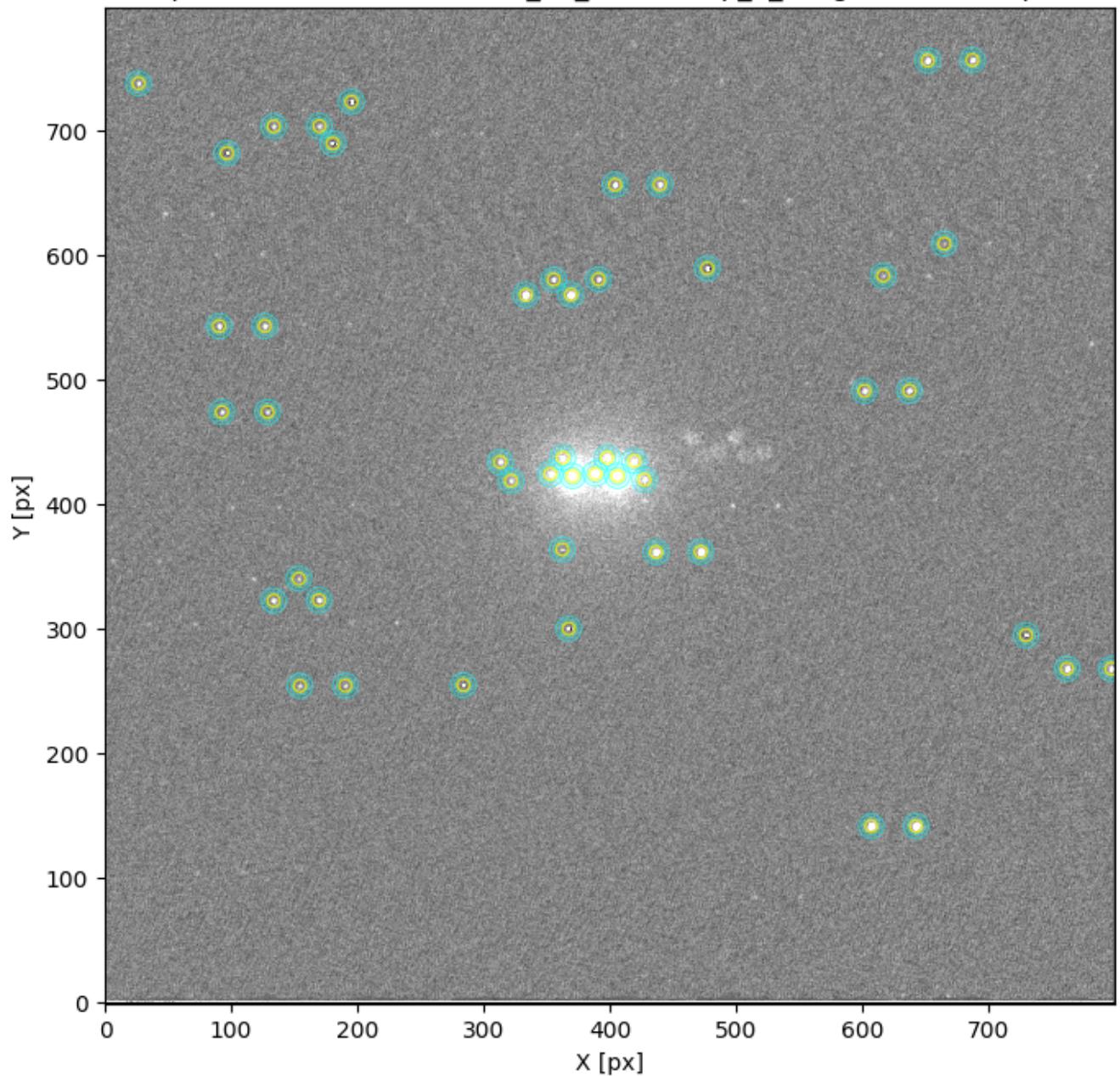
Apertures caf-20230720-20_52_13-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230720-20_52_57-sci-blap_b_f-aligned.fits (r=5px)

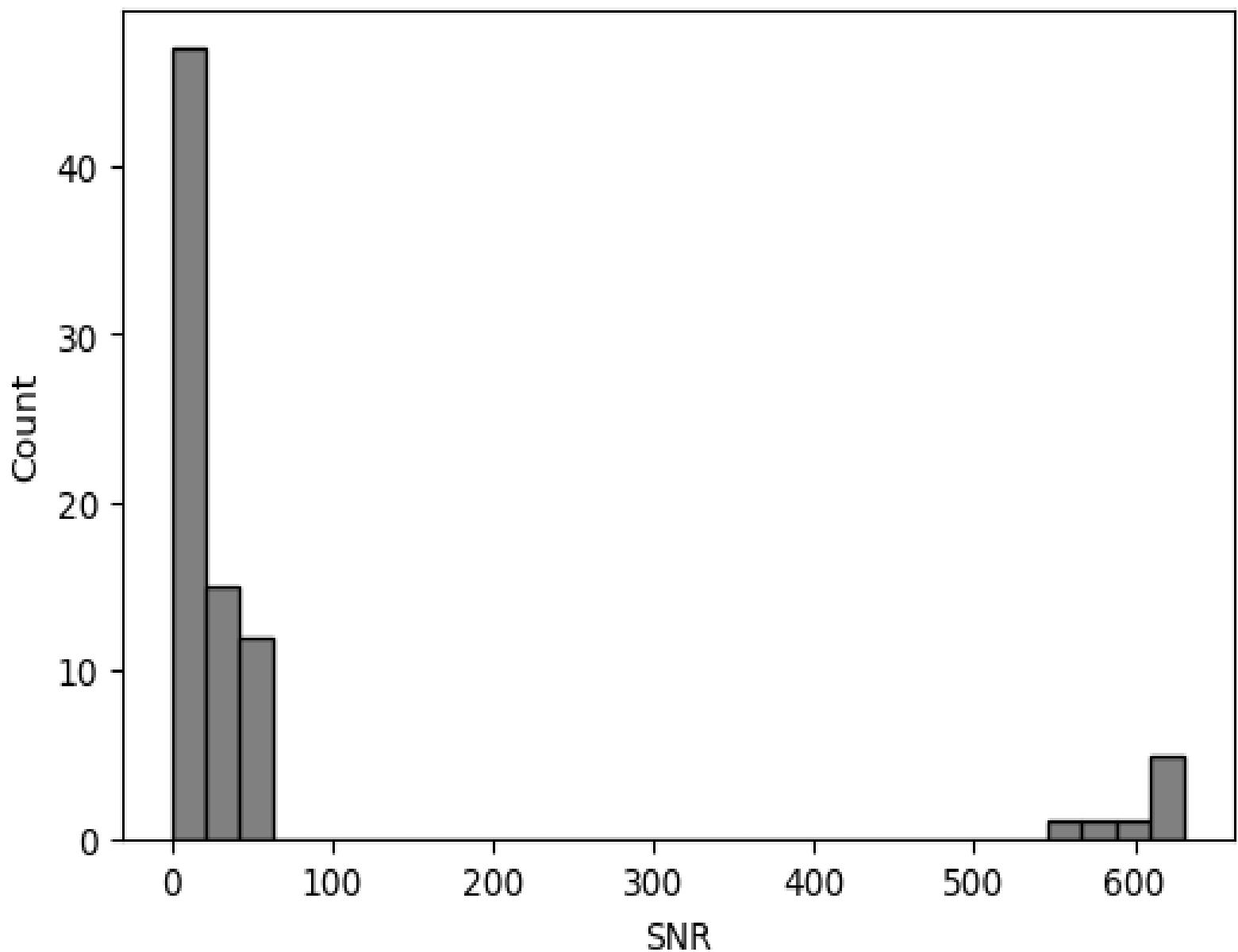


Apertures caf-20230720-20_53_40-sci-blap_b_f-aligned.fits (r=5px)

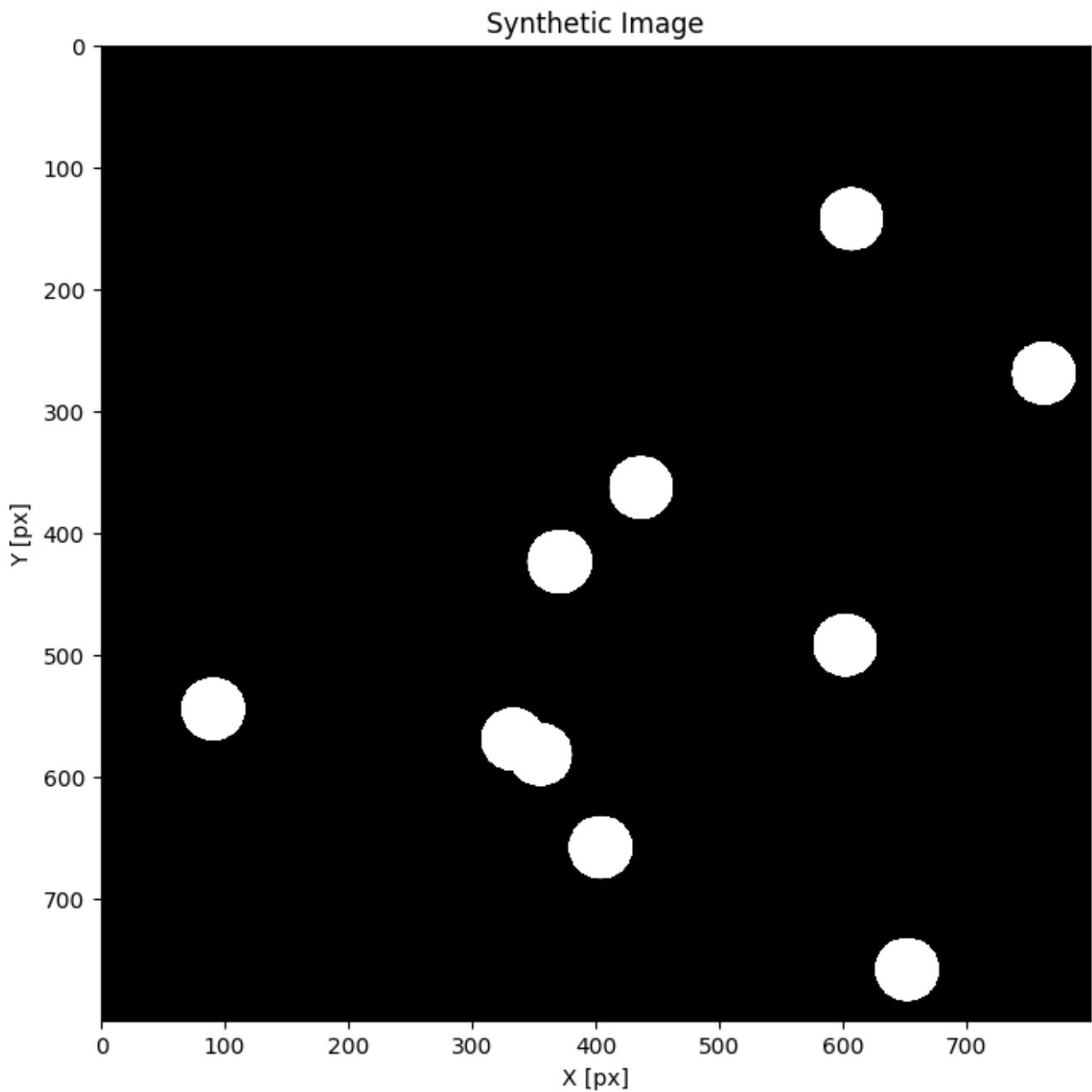


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



5. Astrometría — Imagen sintética



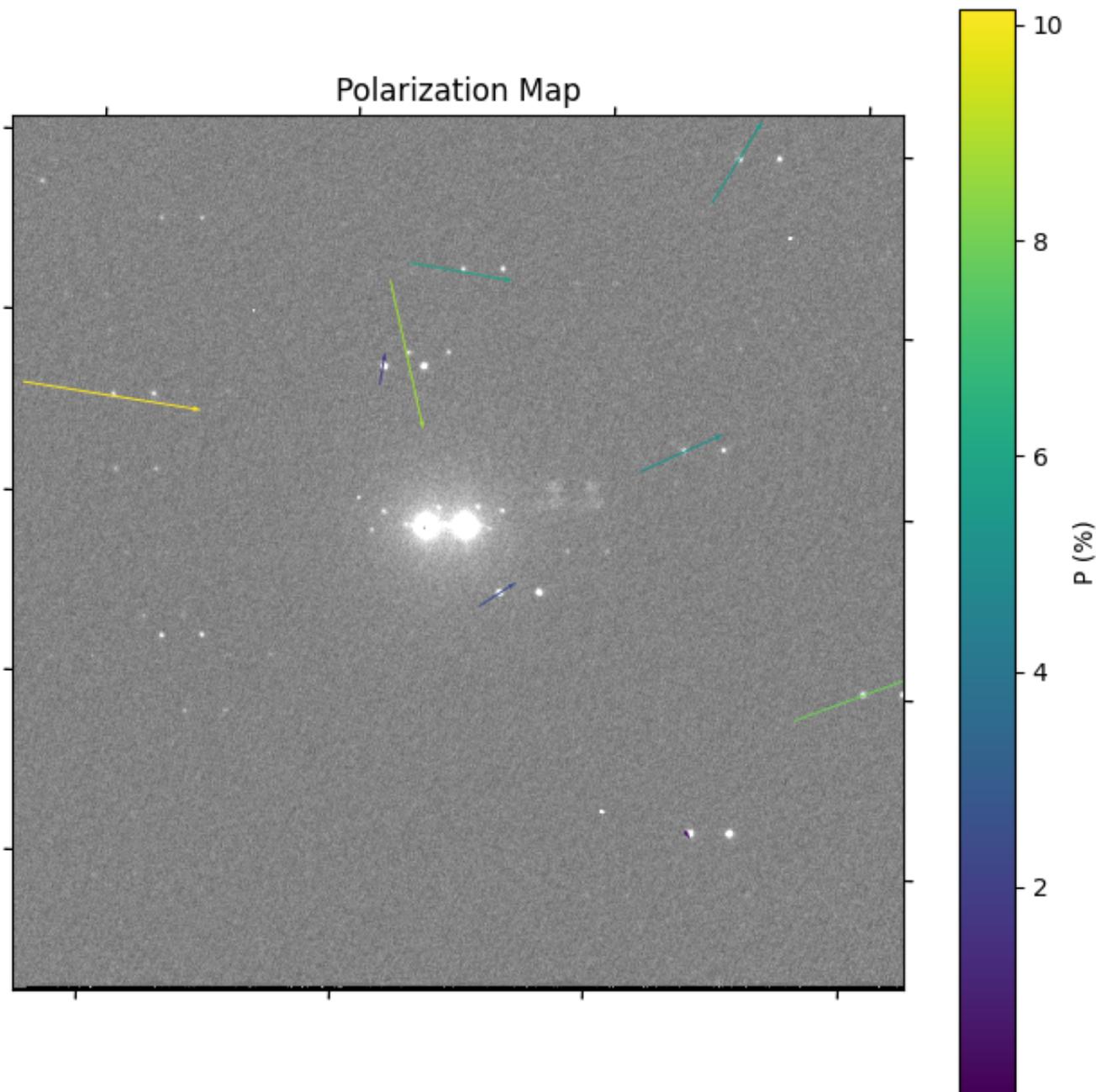
5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
0	256.880344	15.246305	No_ID	
1	256.900364	15.268304	No_ID	
2	256.912797	15.220287	No_ID	
3	256.921643	15.210374	HD 154892	HighPM*
5	256.933241	15.243725	No_ID	
6	256.938322	15.168865	No_ID	
7	256.943489	15.204153	No_ID	
8	256.945502	15.207286	No_ID	
9	256.957261	15.214024	No_ID	
10	256.973682	15.249619	No_ID	

6. Polarimetría — Estimación Interestelar (ISM)

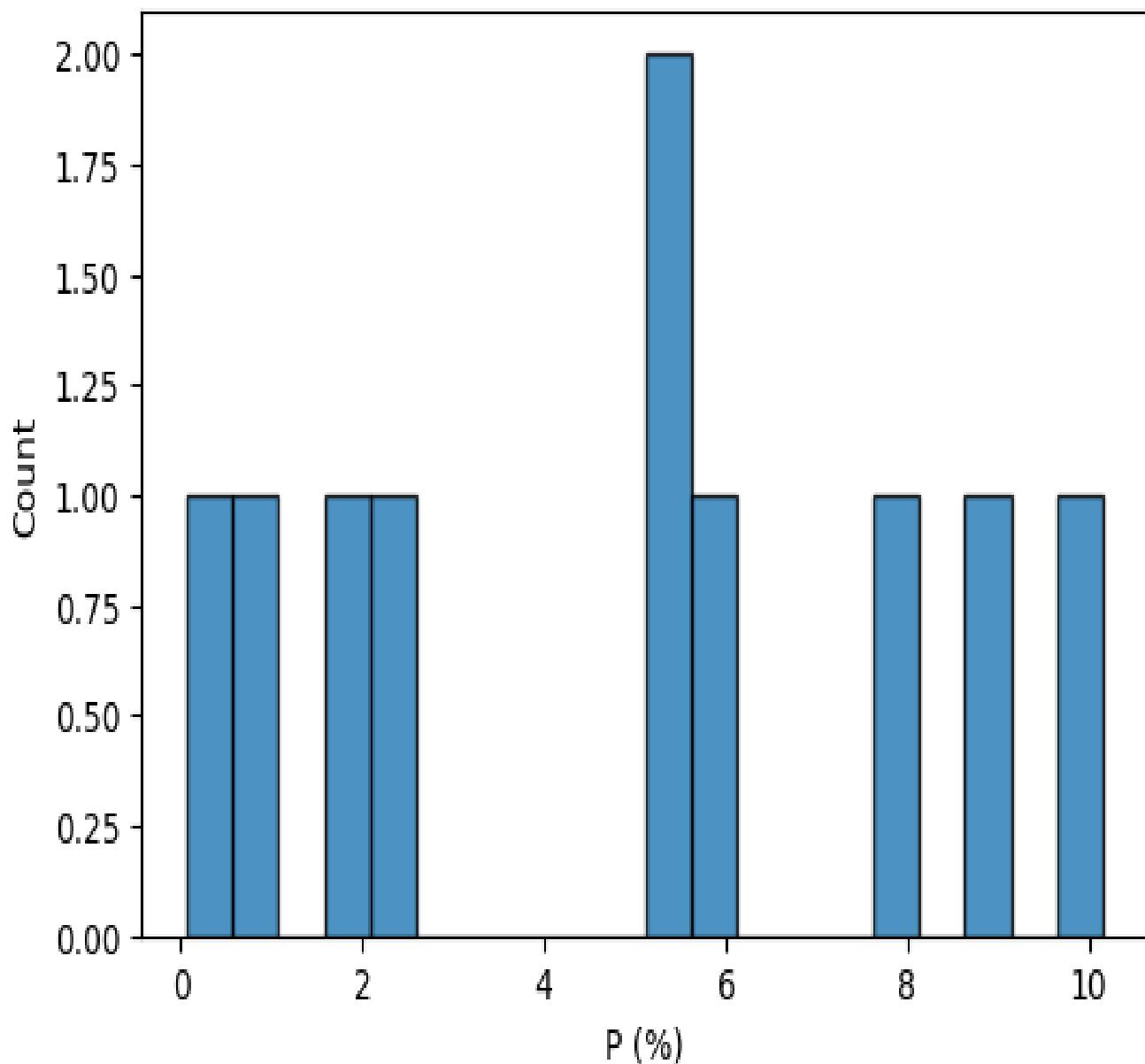
Comp.	Q mean	Q σ	Q weight	U mean	U σ	U weight	Dominante Q	Dominante U
0	-0.004	0.000	1.00	0.064	0.000	1.00	✓	✓
1	-	-	-	-	-	-		

6. Polarimetría — Mapa de polarización

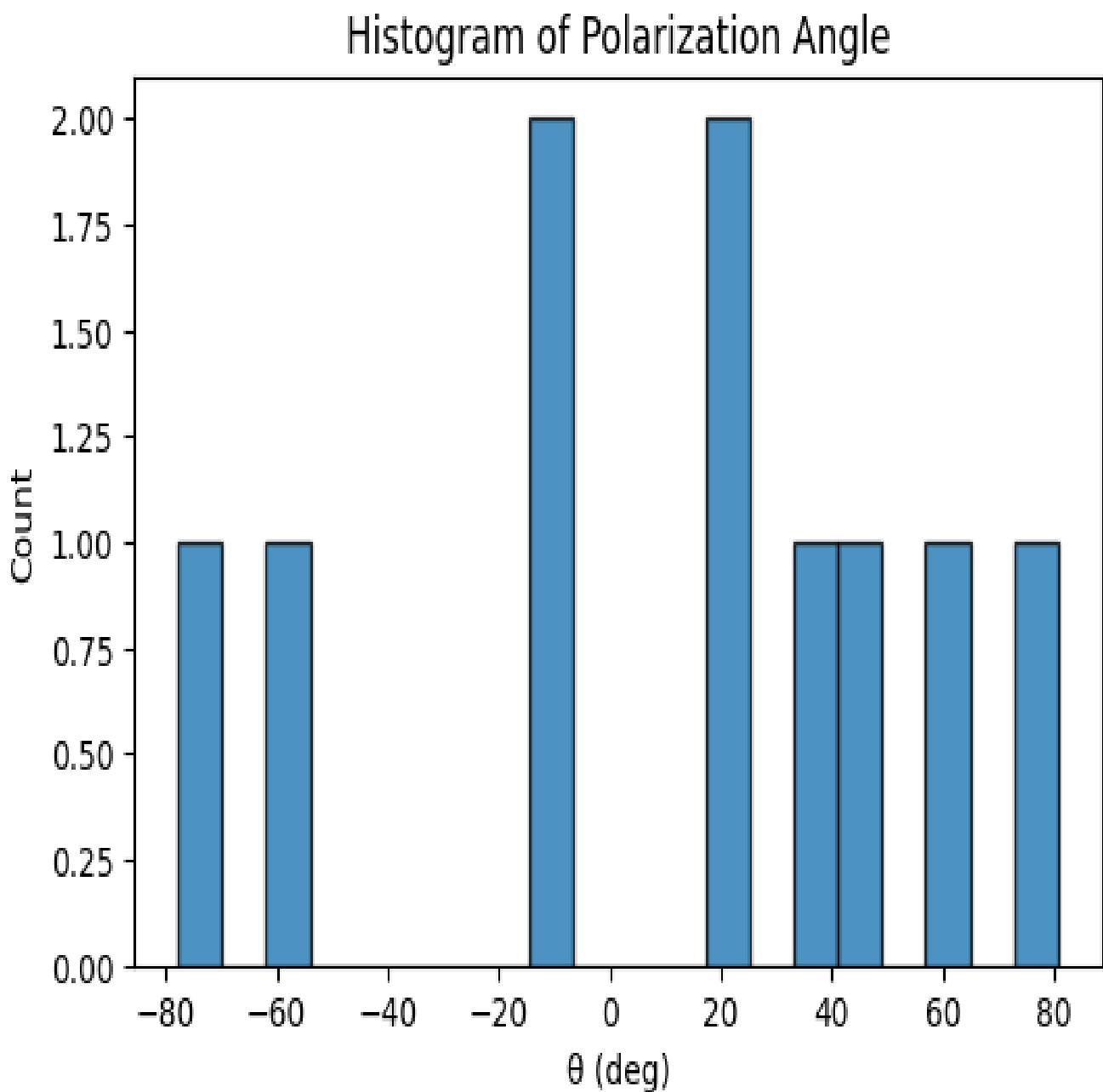


6. Polarimetría — Histograma de P

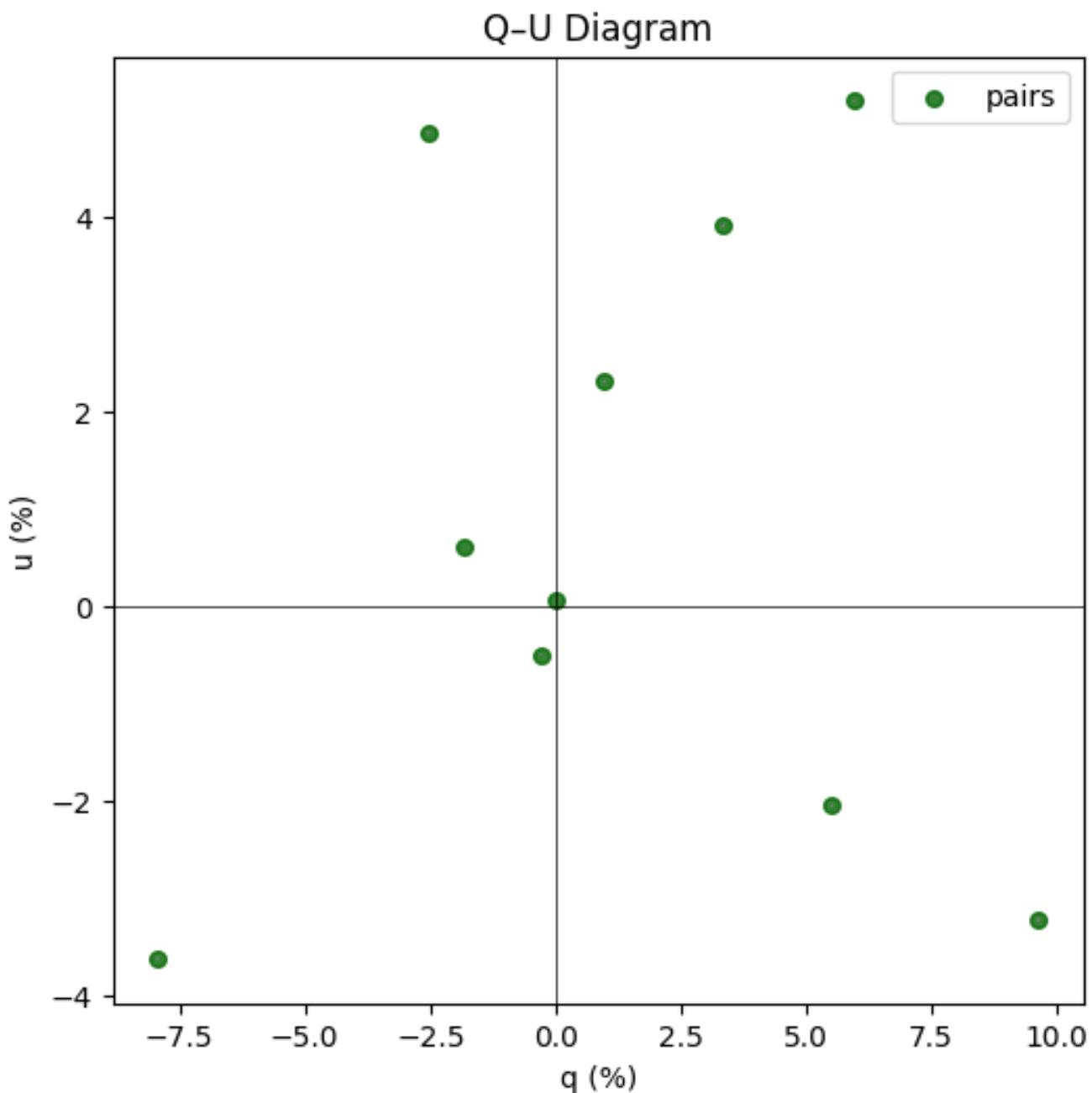
Histogram of Polarization Degree



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	-	-	-	-	-	-		

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.

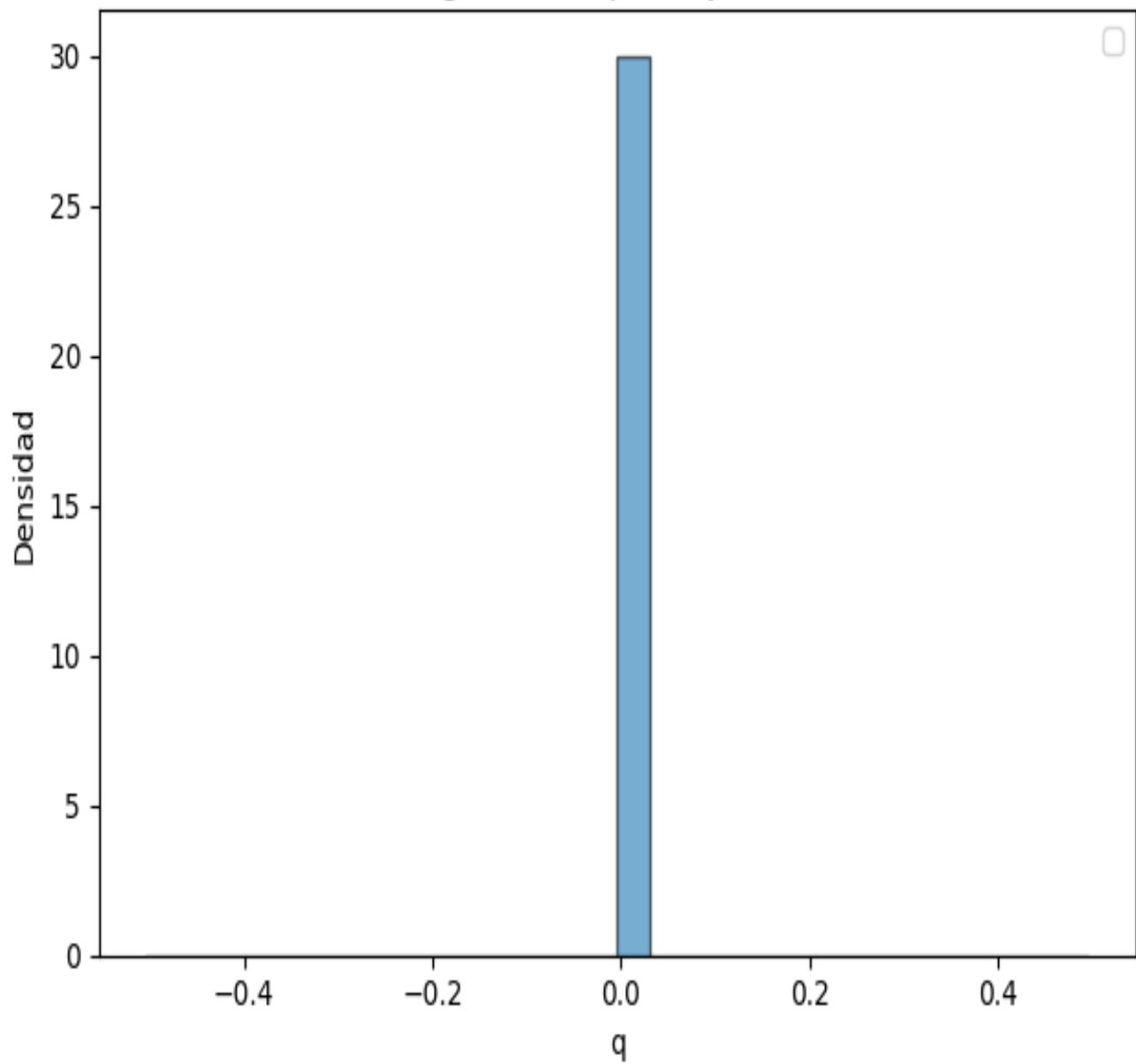
U Means: medias de la componente u estimada para la polarización interestelar.

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

Histograma de u con ajuste GMM

