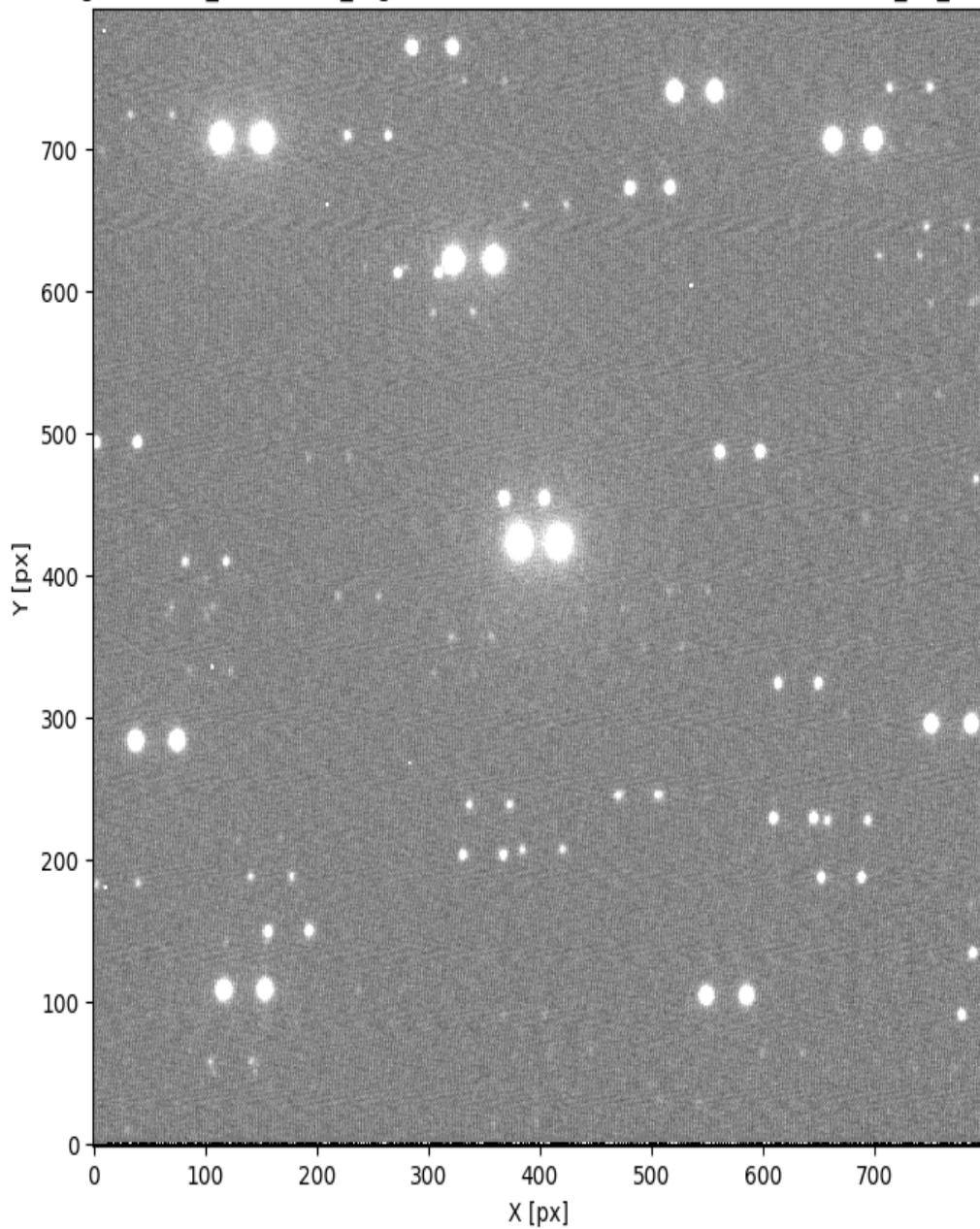
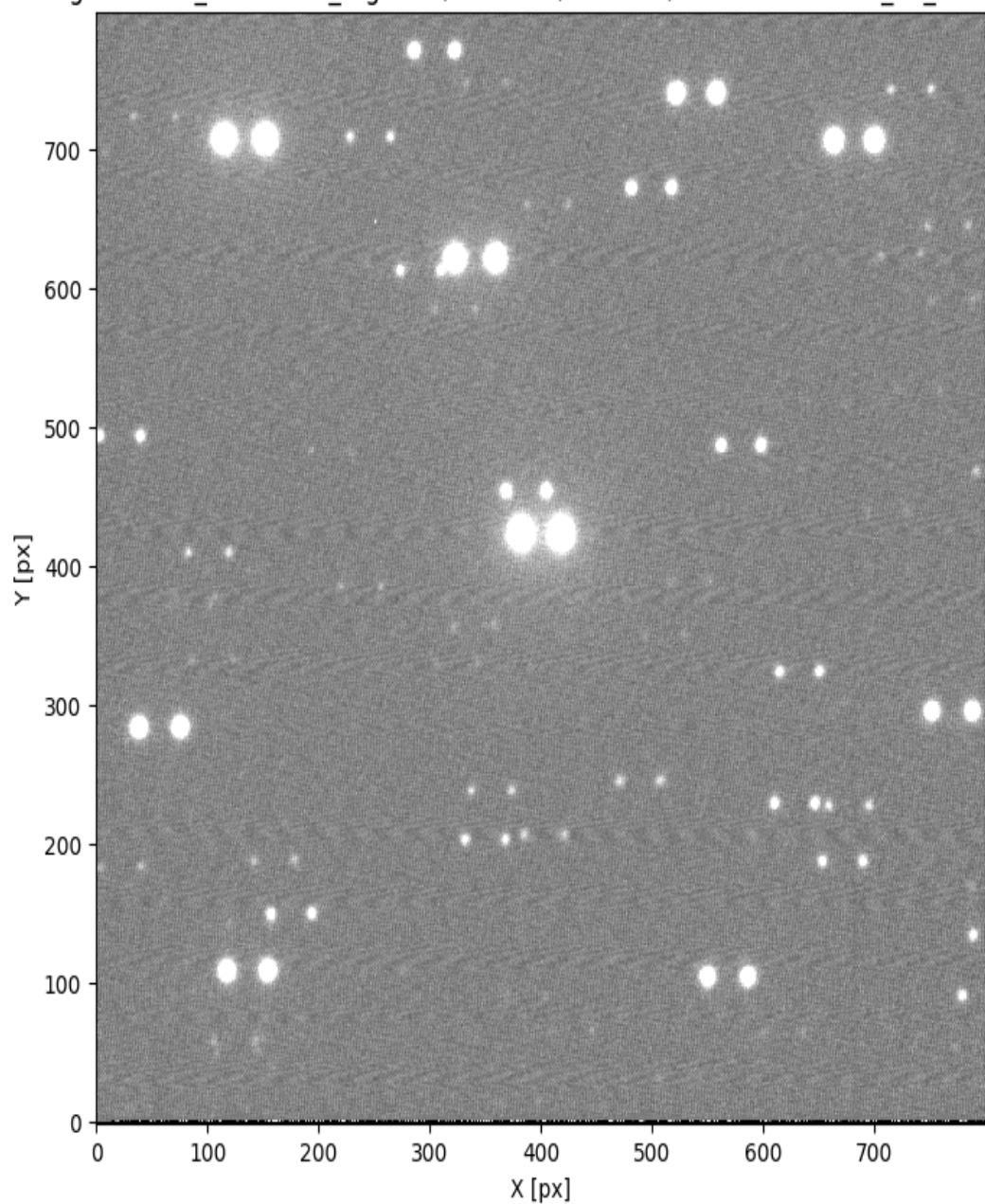


1. Imágenes originales

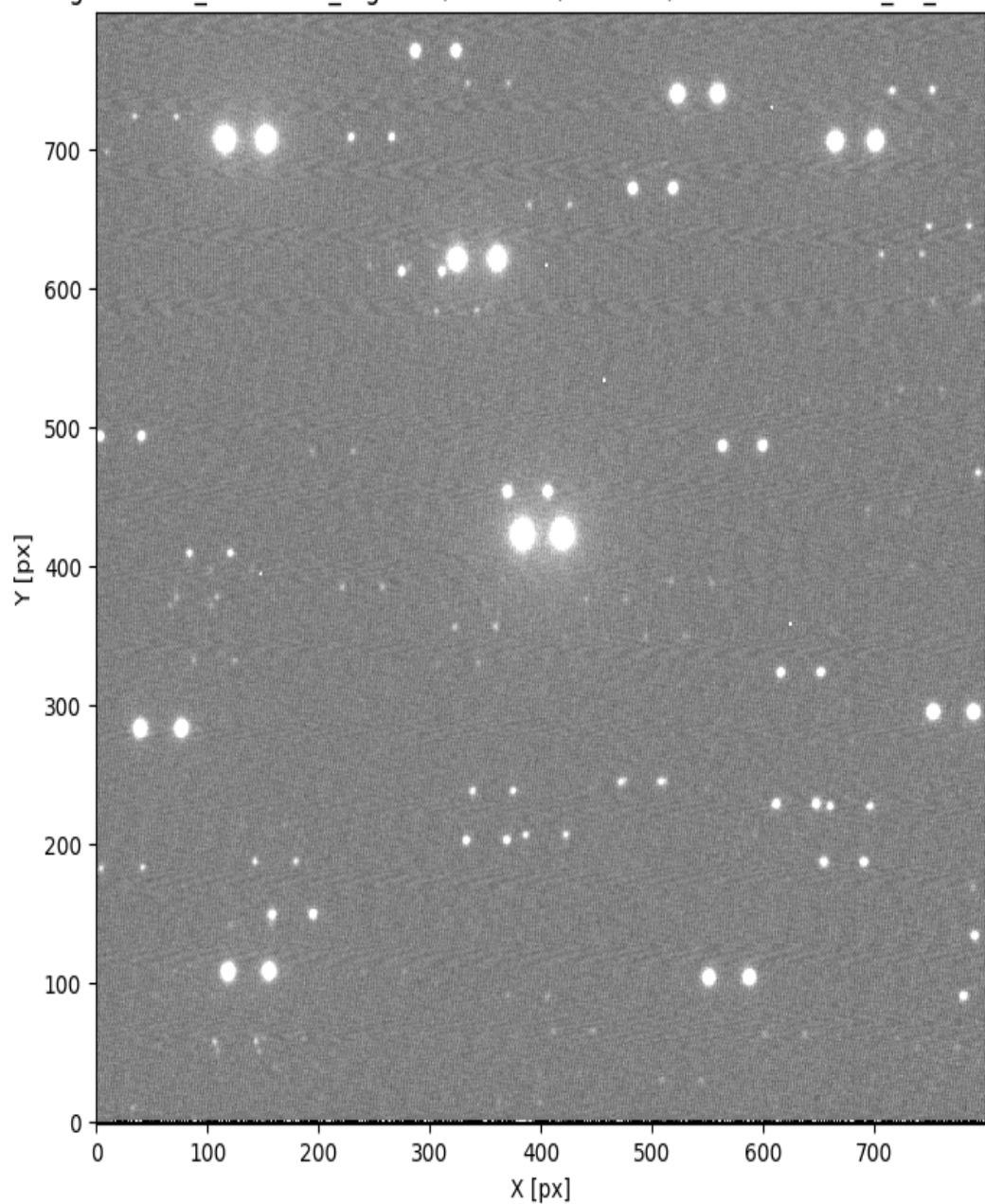
Reference Image noche1_20230720_organize/MWC656/BesselR/caf-20230721-02_44_49-sci-blap_b_f.fits



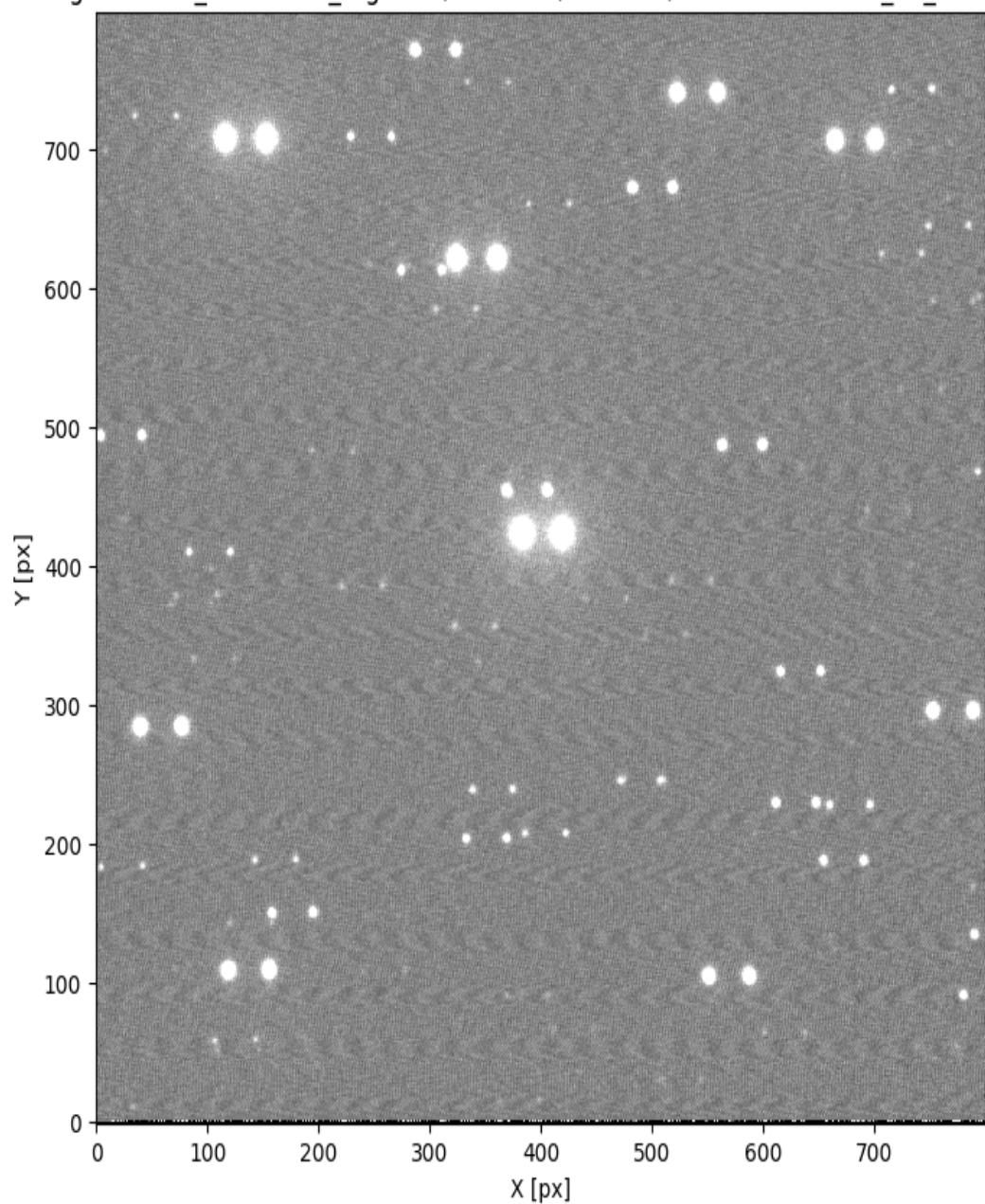
Original Image noche1_20230720_organize/MWC656/BesselR/caf-20230721-02_46_04-sci-blap_b_f.fits



Original Image noche1_20230720_organize/MWC656/BesselR/caf-20230721-02_47_18-sci-blap_b_f.fits

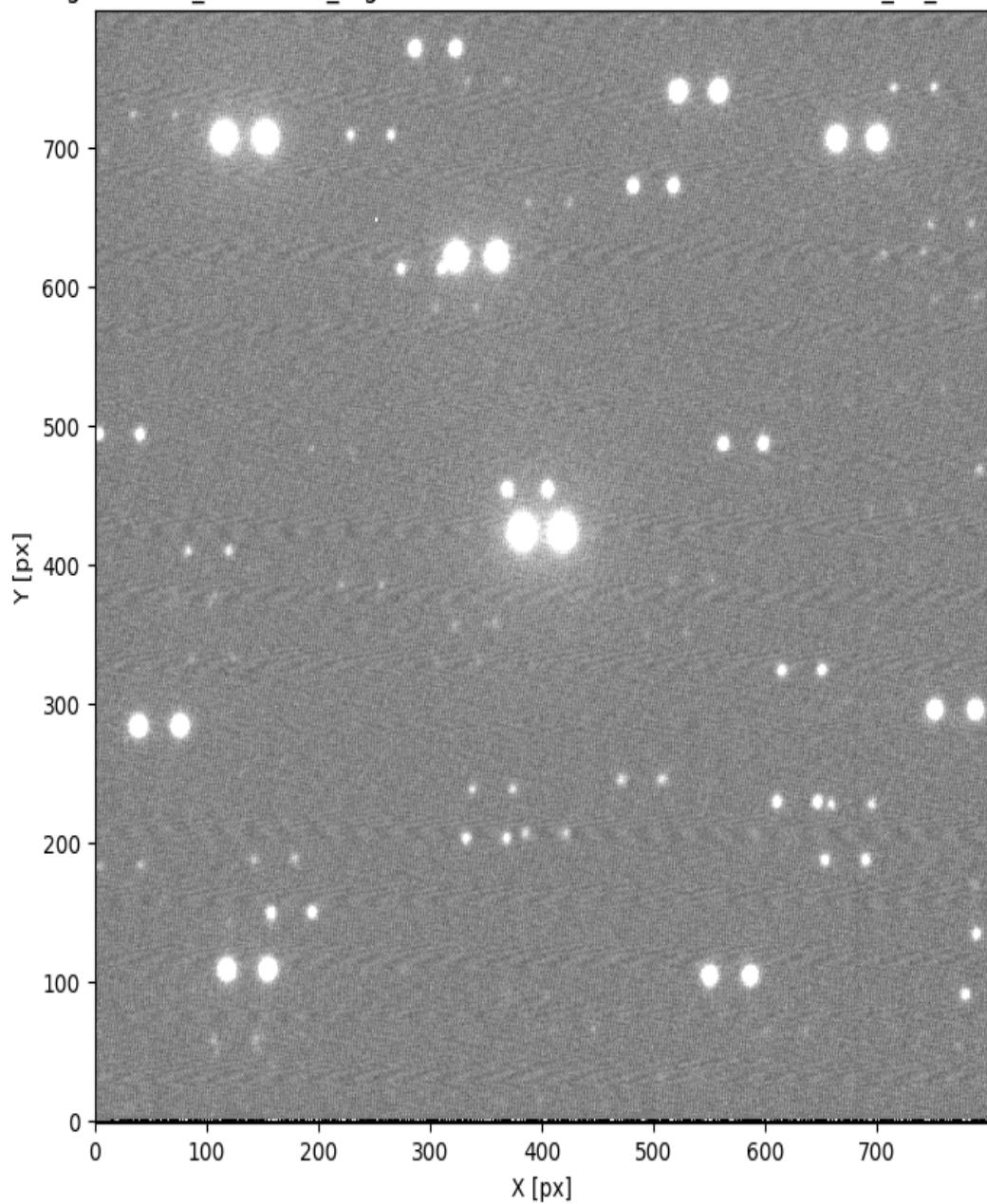


Original Image noche1_20230720_organize/MWC656/BesselR/caf-20230721-02_48_32-sci-blap_b_f.fits

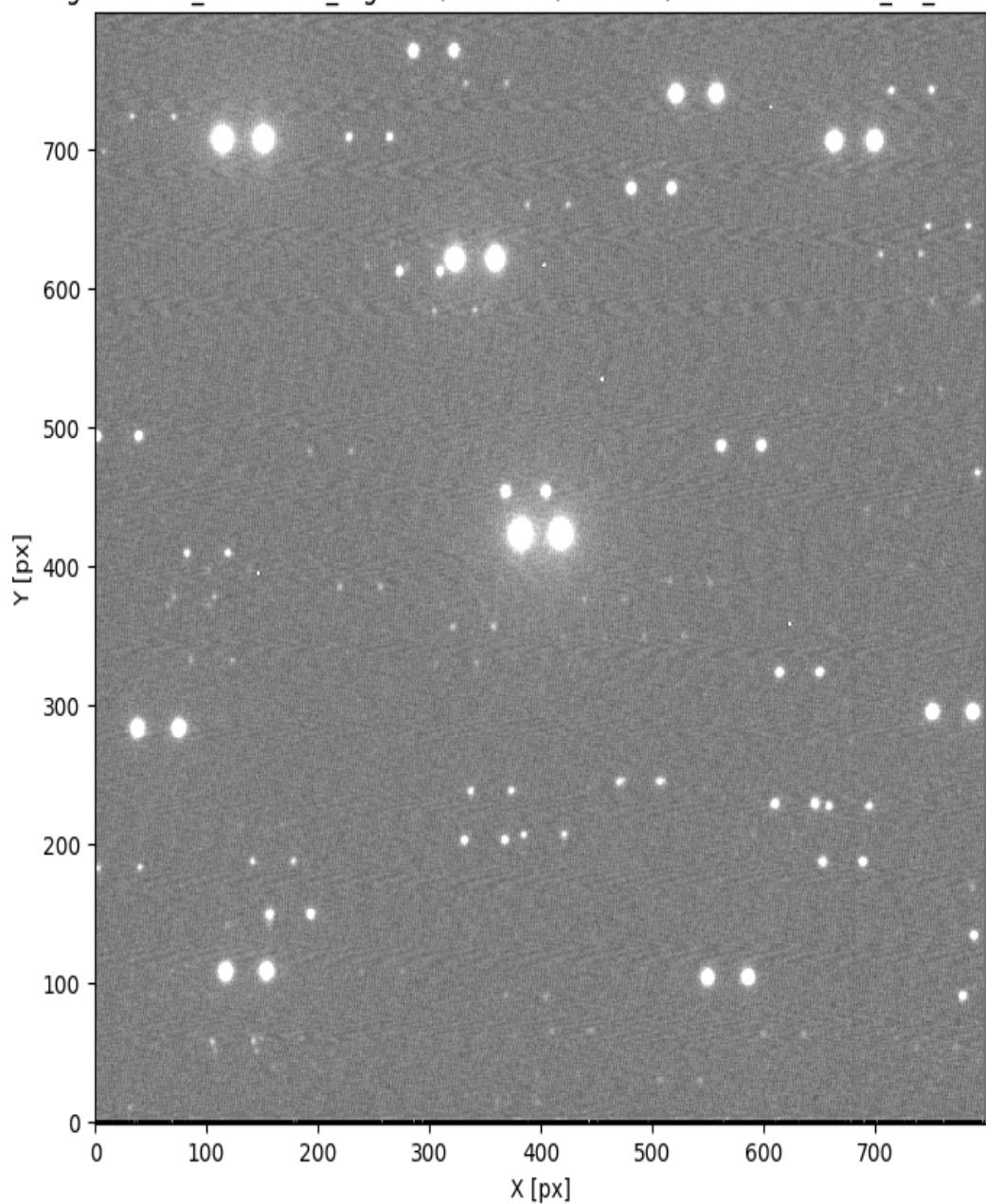


2. Imágenes alineadas

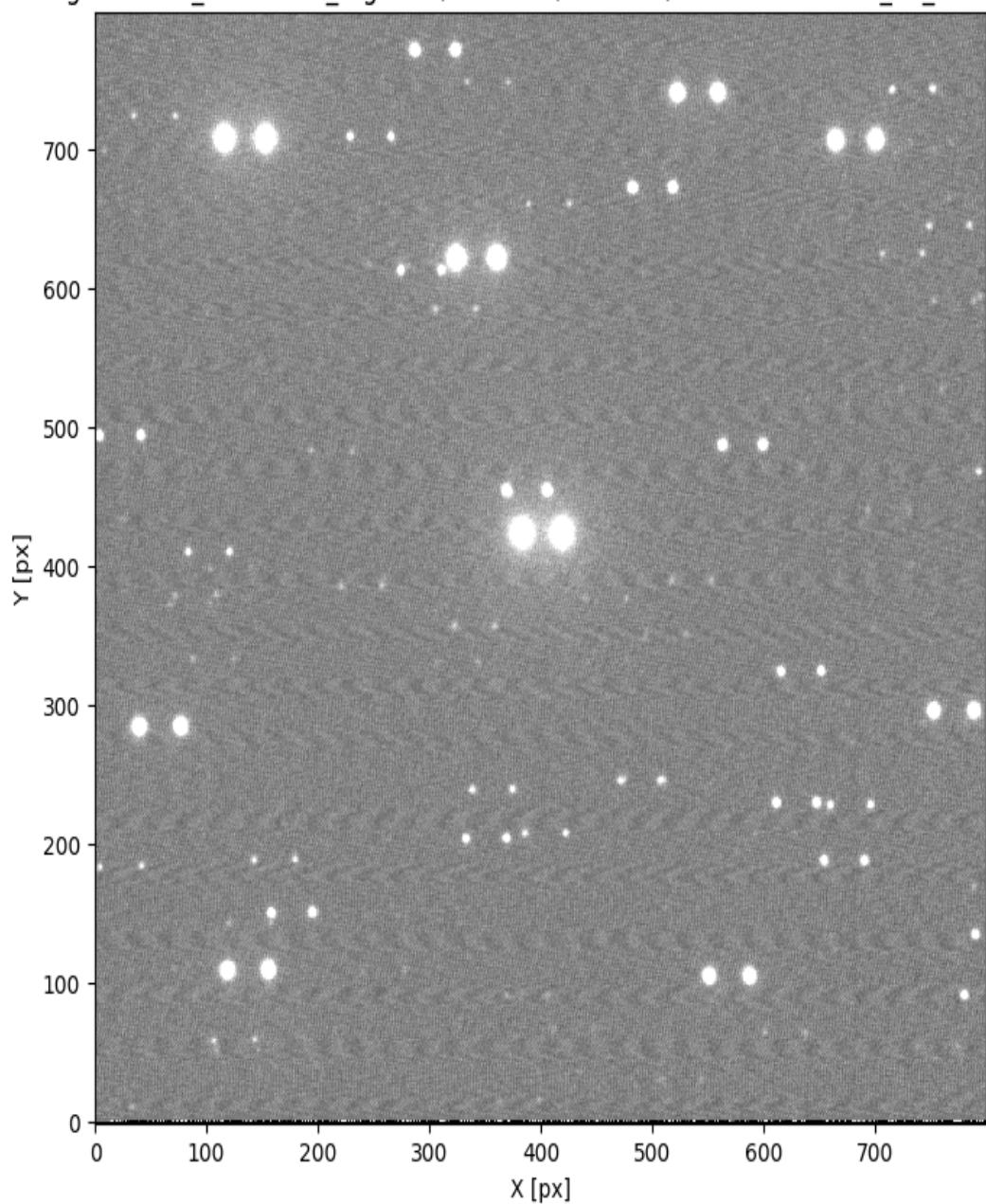
Aligned Image noche1_20230720_organize/MWC656/BesselR/caf-20230721-02_46_04-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/MWC656/BesselR/caf-20230721-02_47_18-sci-blap_b_f.fits

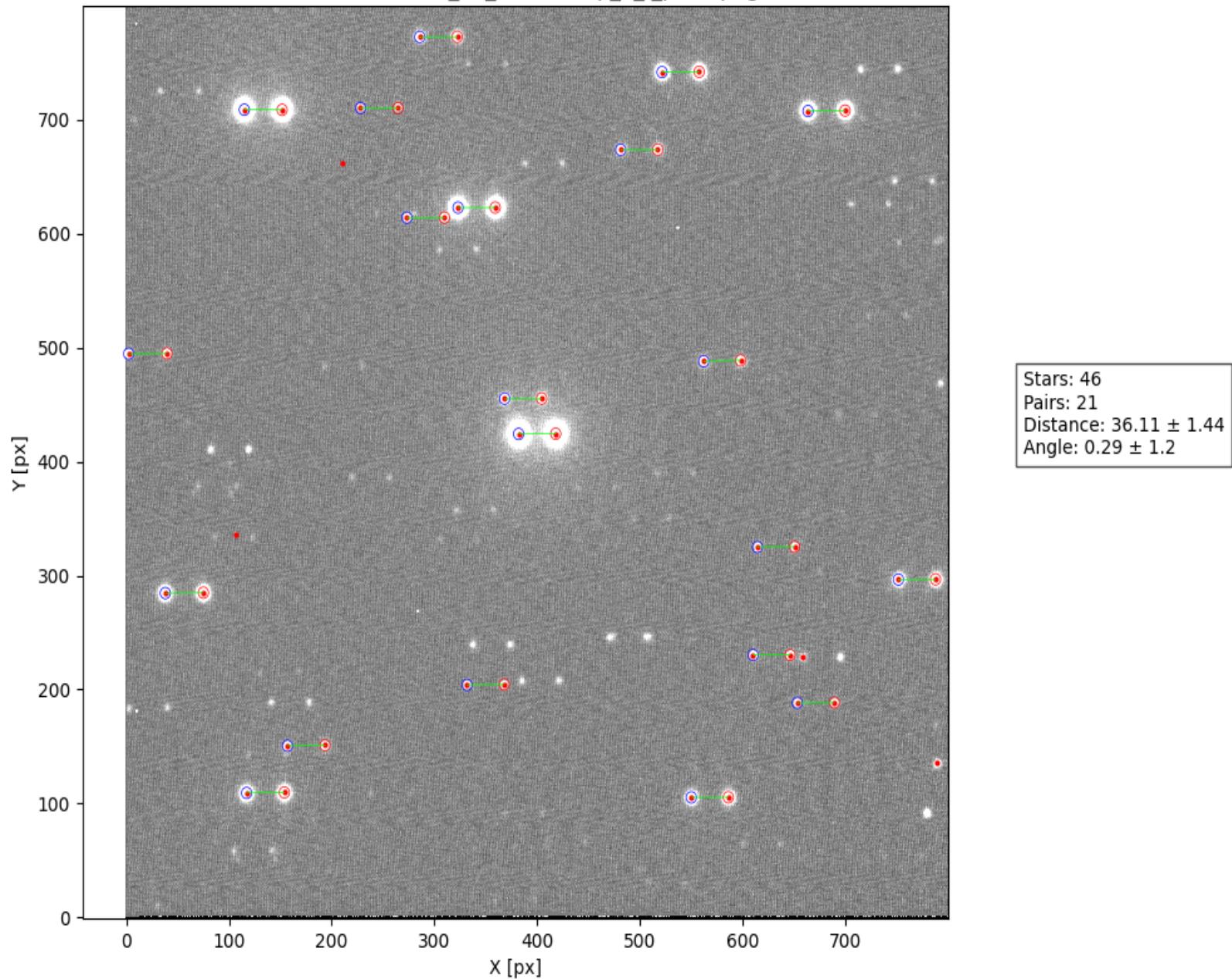


Aligned Image noche1_20230720_organize/MWC656/BesselR/caf-20230721-02_48_32-sci-blap_b_f.fits

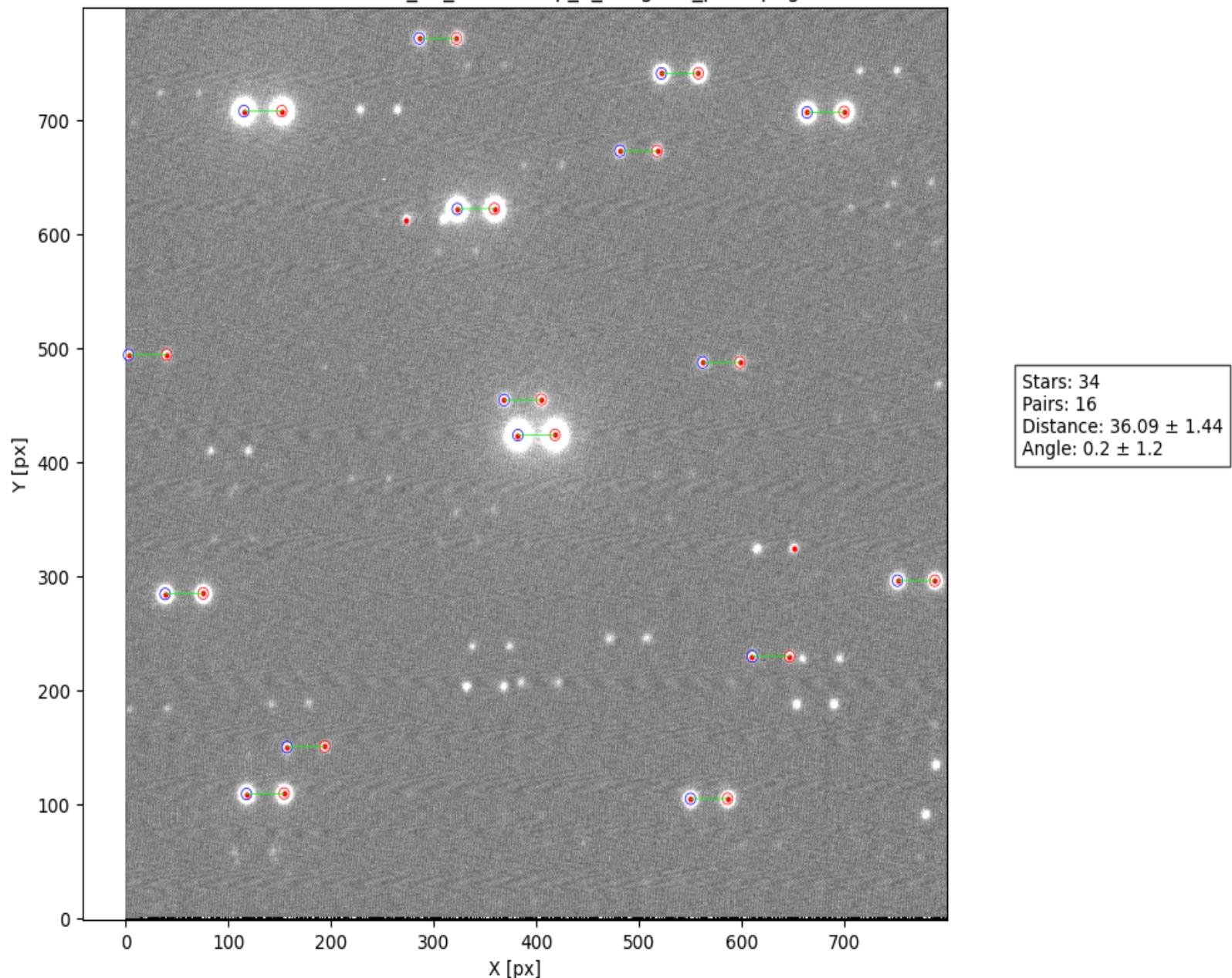


3. Imágenes con pares identificados

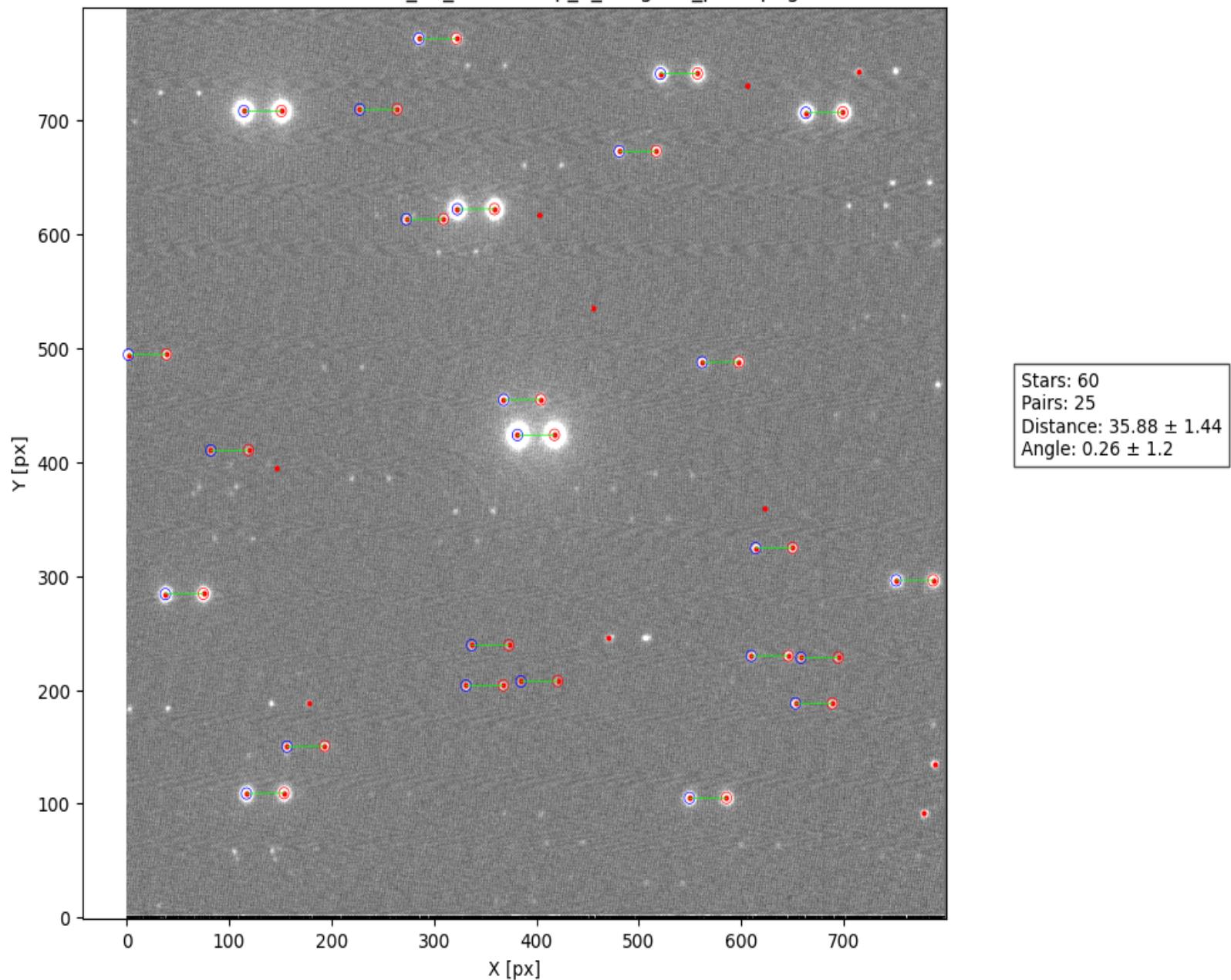
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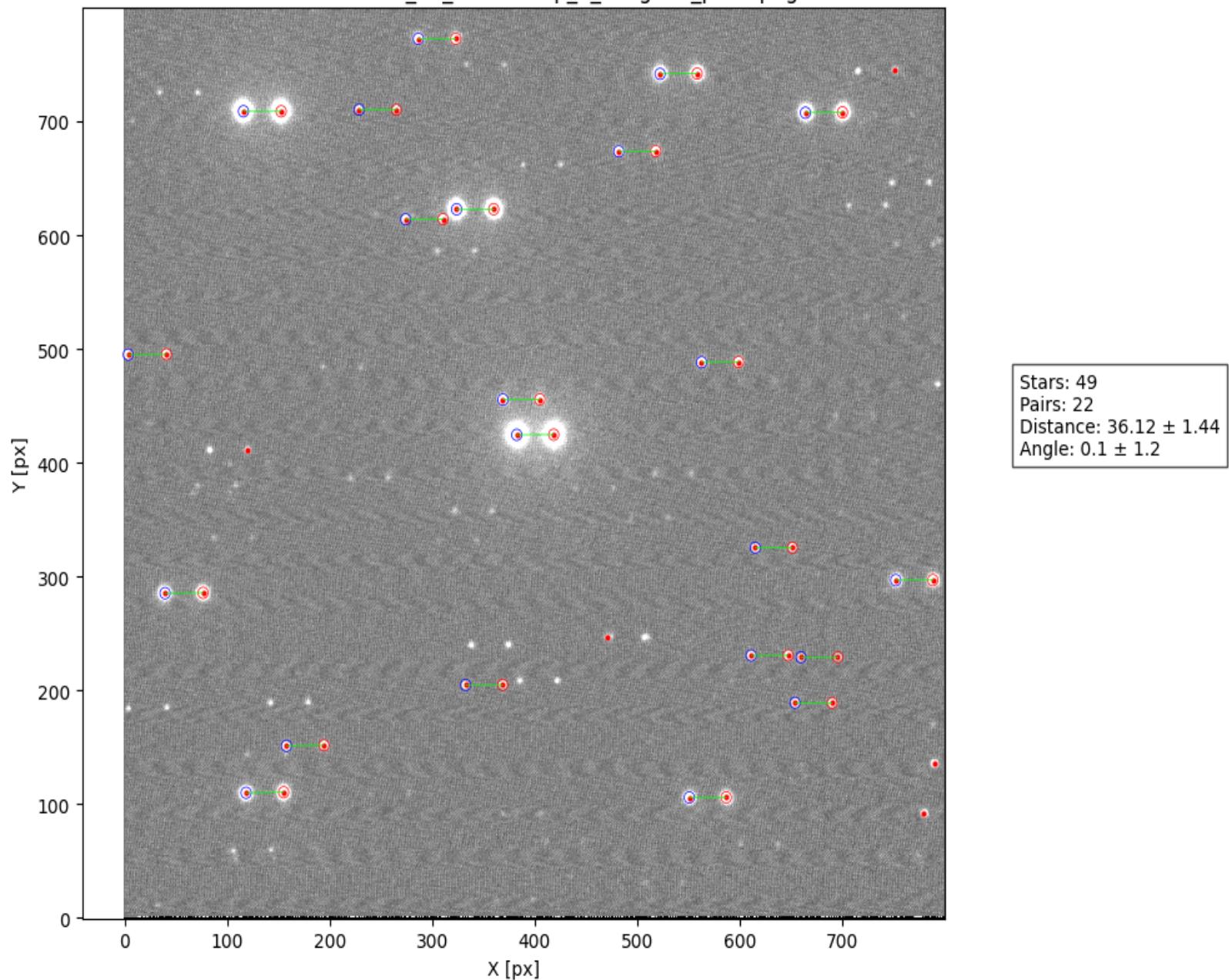
caf-20230721-02_46_04-sci-blap_b_f-aligned_pairs.png



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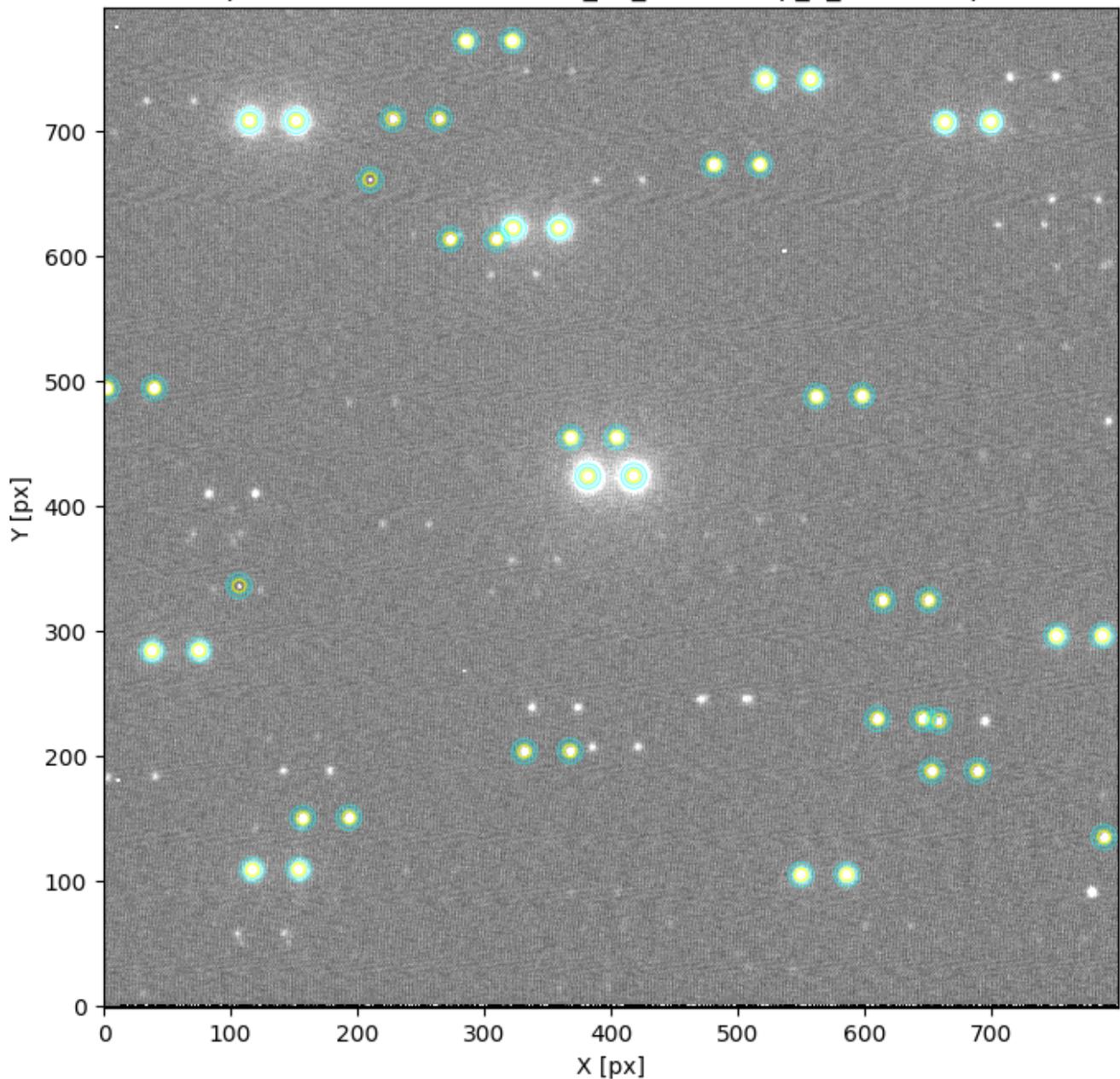


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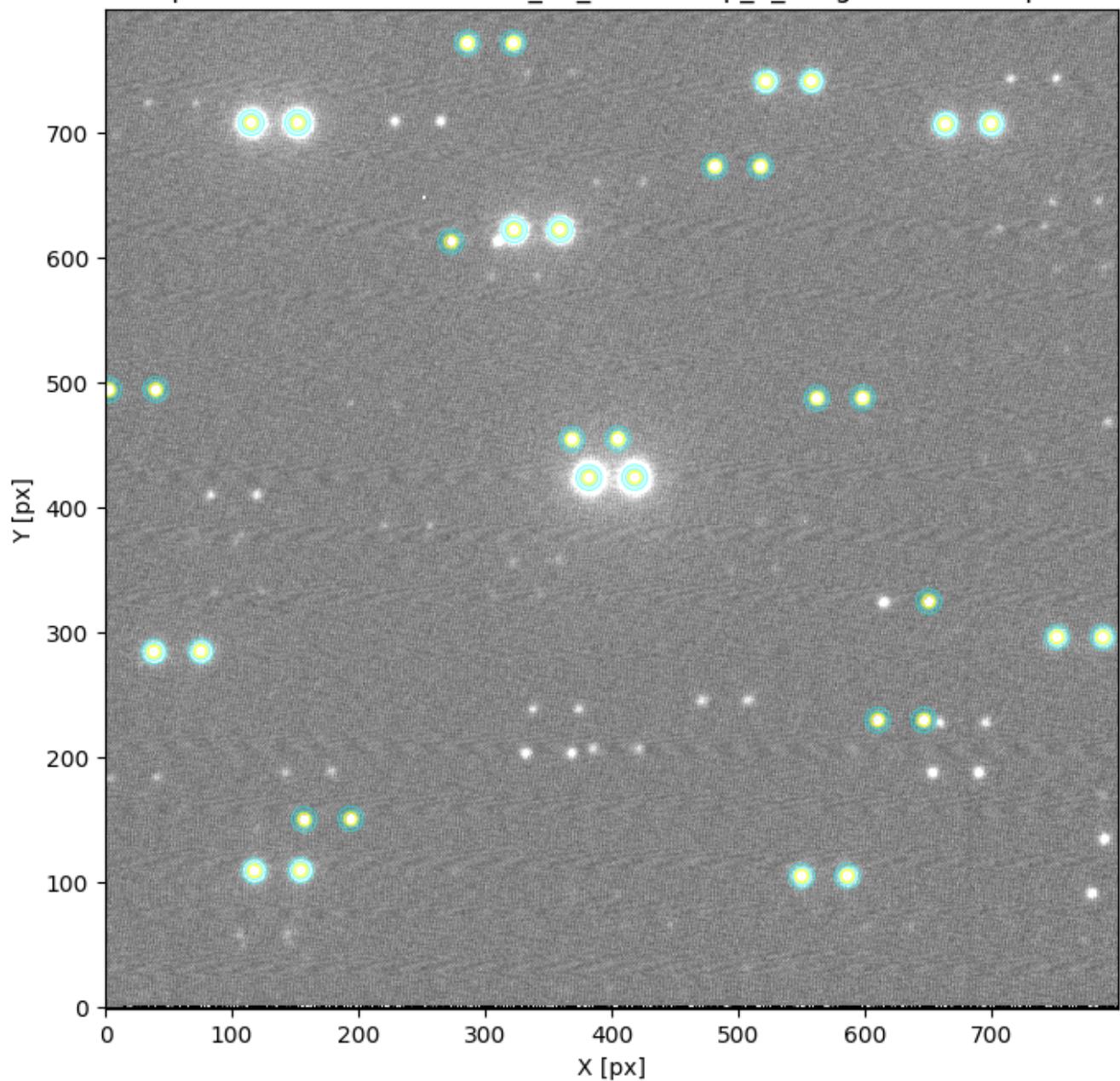


4. Fotometría — Aperturas

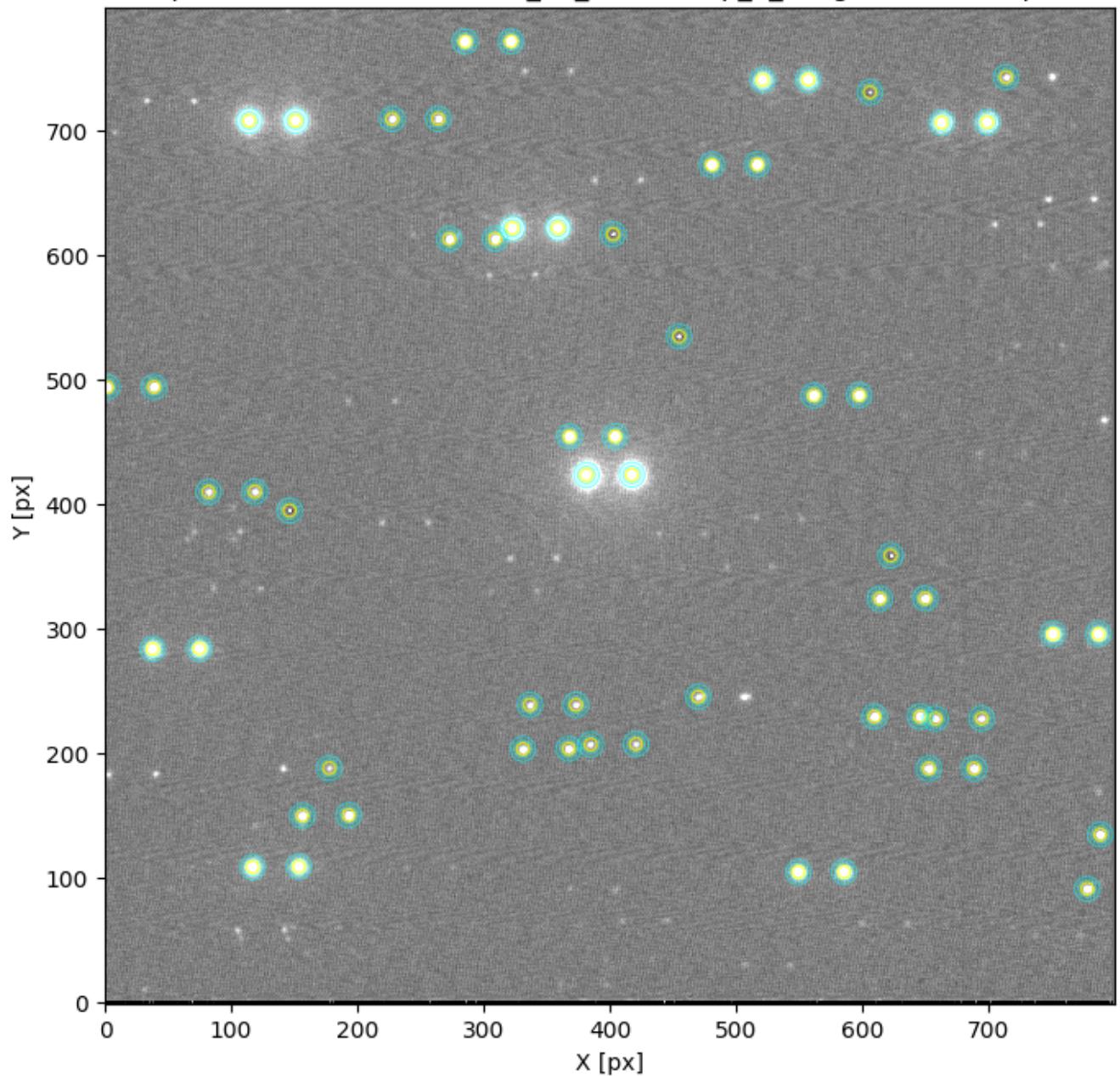
Apertures caf-20230721-02_44_49-sci-blap_b_f.fits ($r=5\text{px}$)



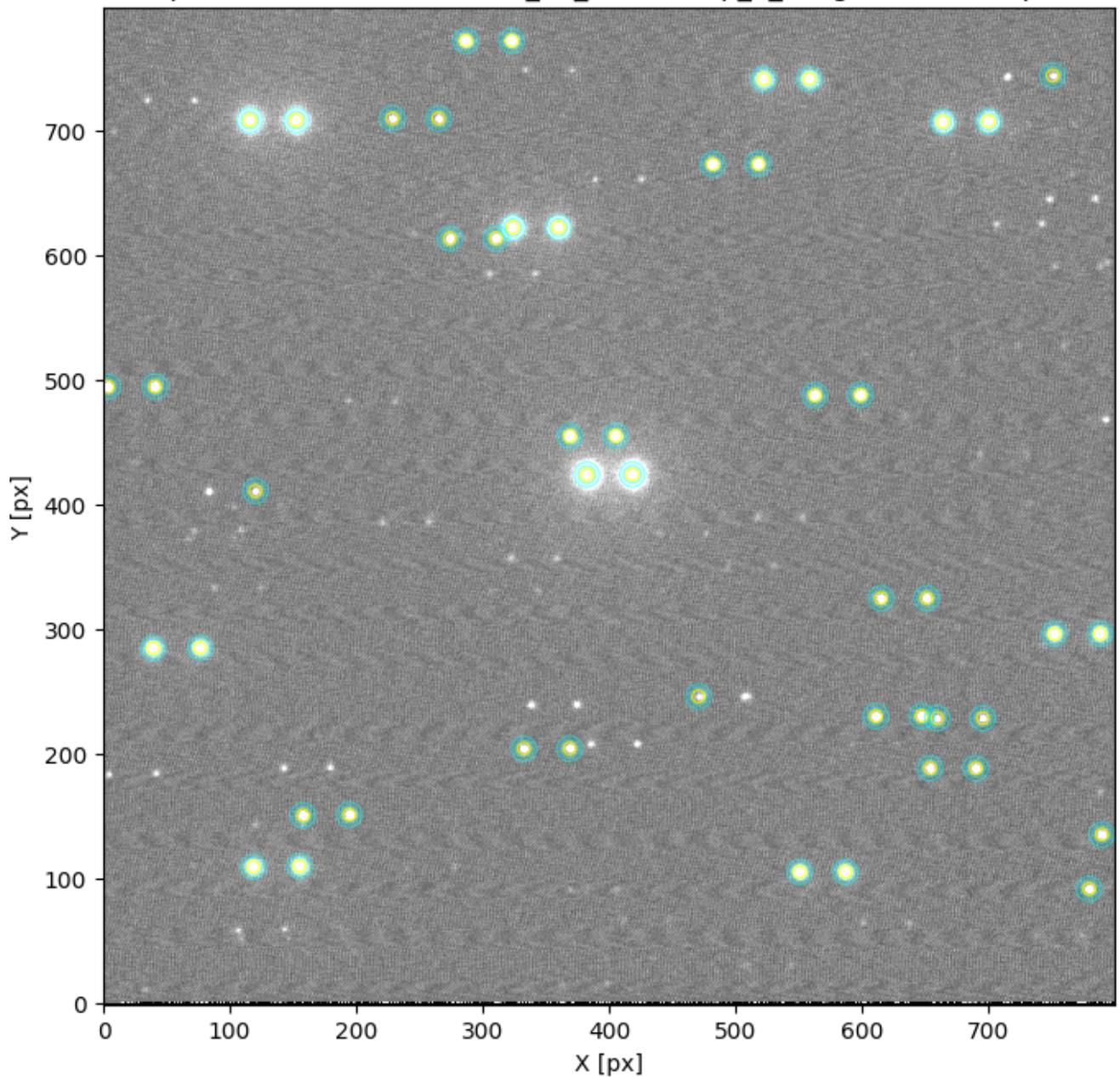
Apertures caf-20230721-02_46_04-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230721-02_47_18-sci-blap_b_f-aligned.fits (r=5px)

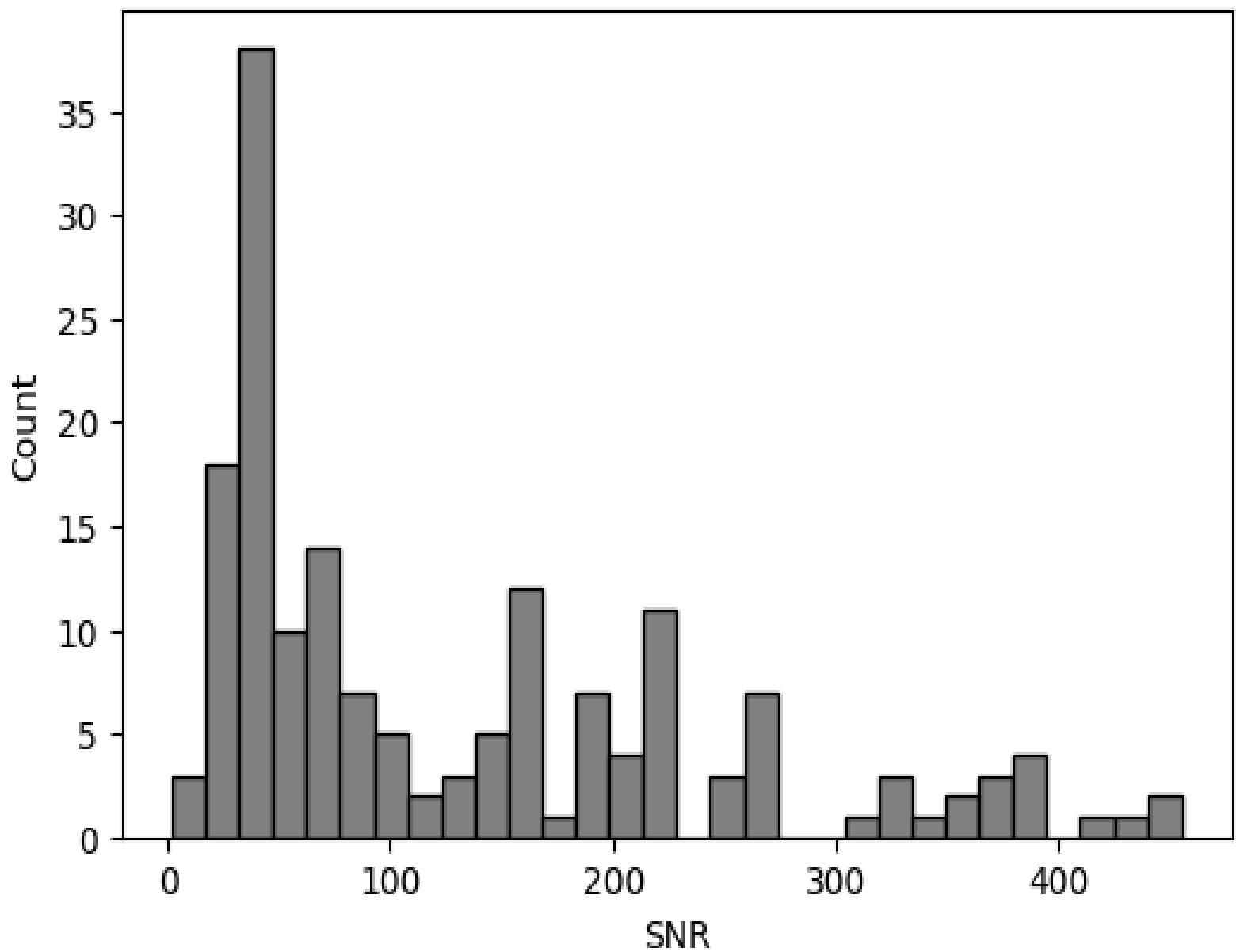


Apertures caf-20230721-02_48_32-sci-blap_b_f-aligned.fits (r=5px)

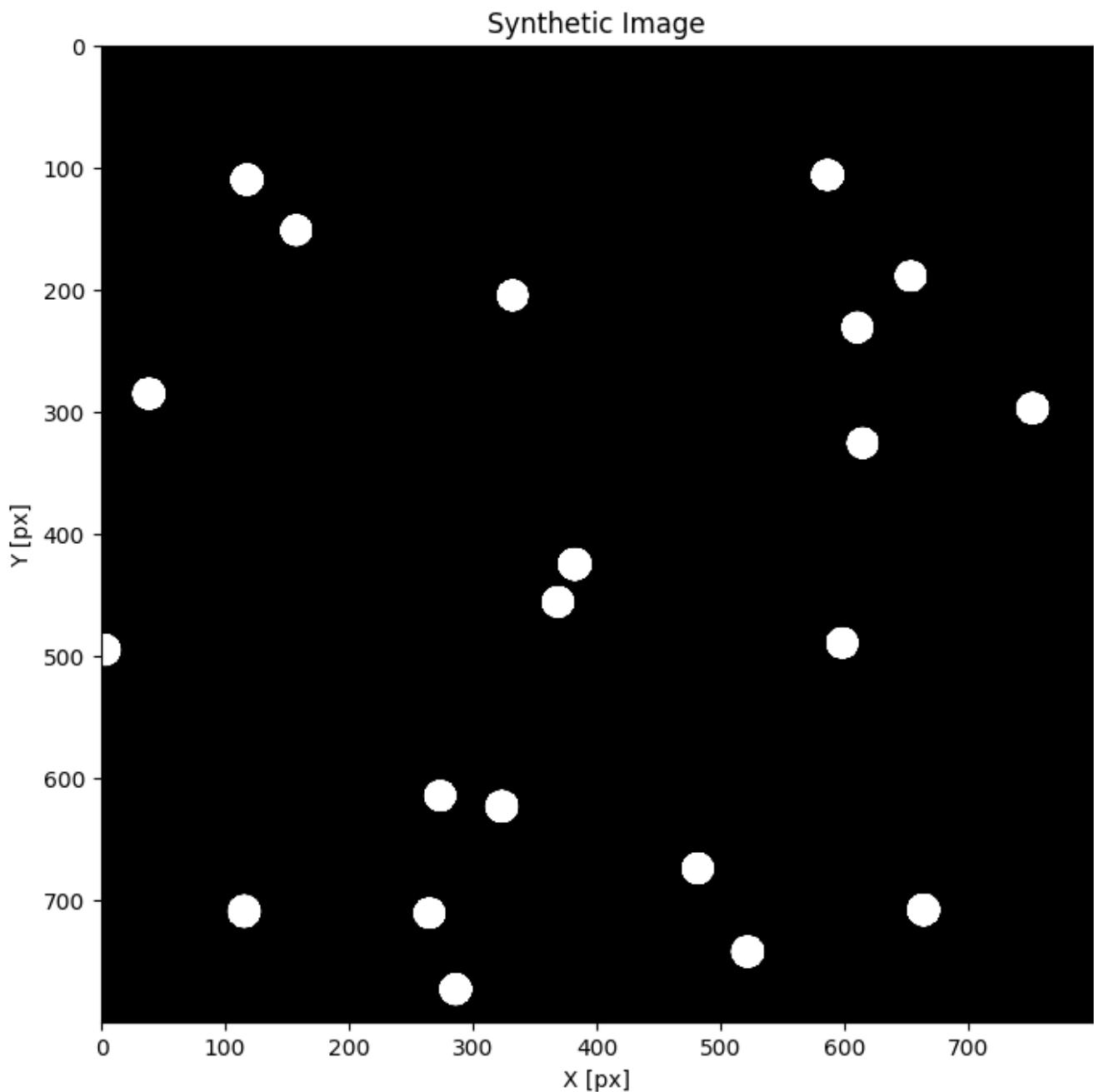


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



5. Astrometría — Imagen sintética



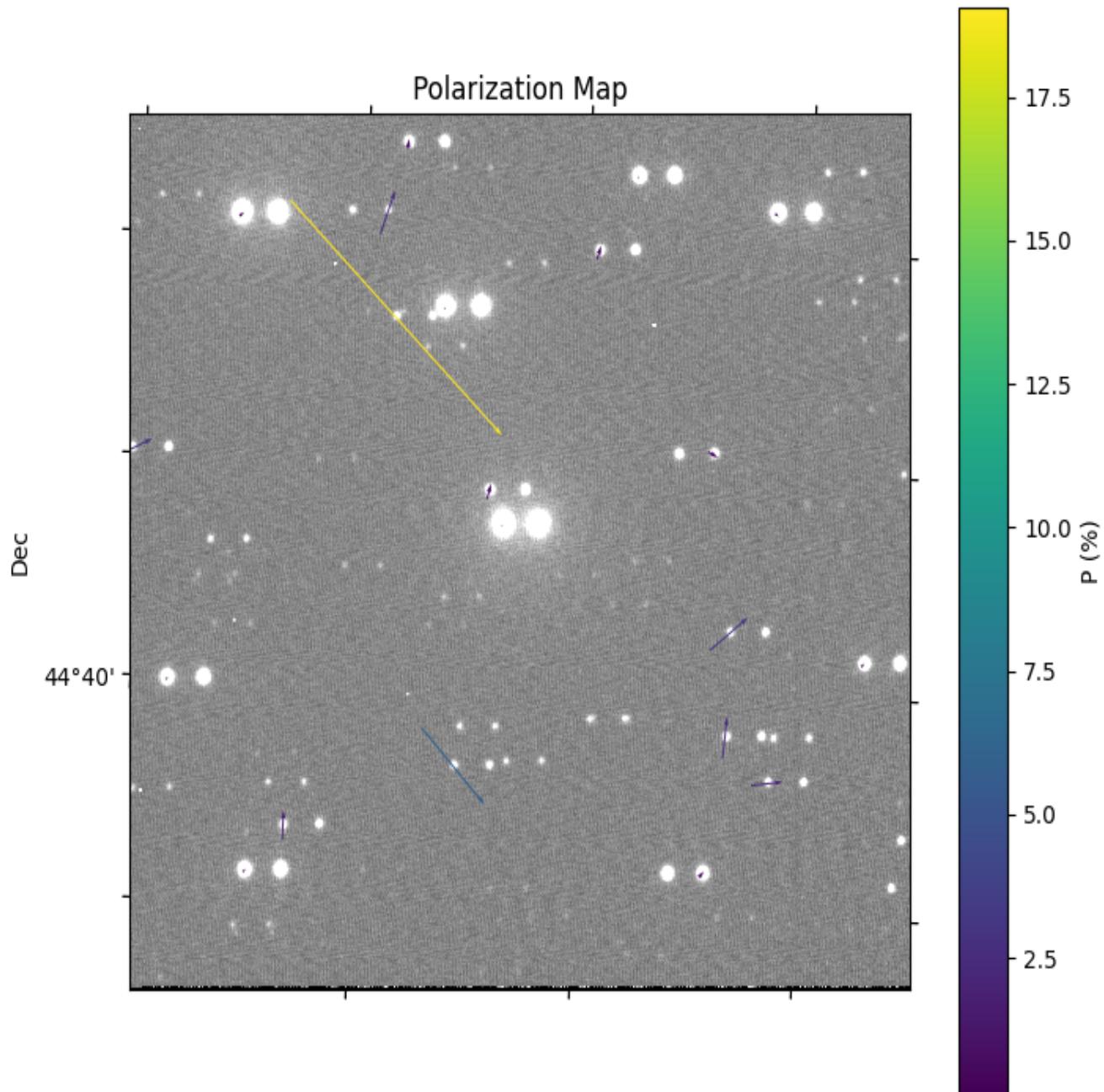
5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
0	340.674354	44.752868	TYC 3226-1106-1	gammaDorV*
1	340.672204	44.684488	No_ID	
2	340.680948	44.690090	No_ID	
3	340.691812	44.762283	No_ID	
4	340.692984	44.715316	No_ID	
5	340.700169	44.755812	No_ID	
6	340.707684	44.672147	TYC 3226-1350-1	Star
7	340.714715	44.776161	TYC 3226-999-1	Star
8	340.719679	44.755991	No_ID	
9	340.738527	44.721615	HD 215227	HighMassXBin
10	340.744810	44.719487	Gaia DR3 1982359580155628672	PulsV*
11	340.753228	44.752839	No_ID	
12	340.750527	44.665961	No_ID	
13	340.776781	44.704854	BD+43 4280	Star
14	340.778923	44.712068	BD+43 4280	Star
15	340.790417	44.734925	No_ID	
16	340.795184	44.681328	TYC 3226-1319-1	Star
17	340.798655	44.761373	TYC 3226-1049-1	Star
18	340.796478	44.703124	TYC 3226-1245-1	Star
19	340.804698	44.740465	TYC 3226-1125-1	Star
20	340.809433	44.705913	TYC 3226-1245-1	Star

6. Polarimetría — Estimación Interestelar (ISM)

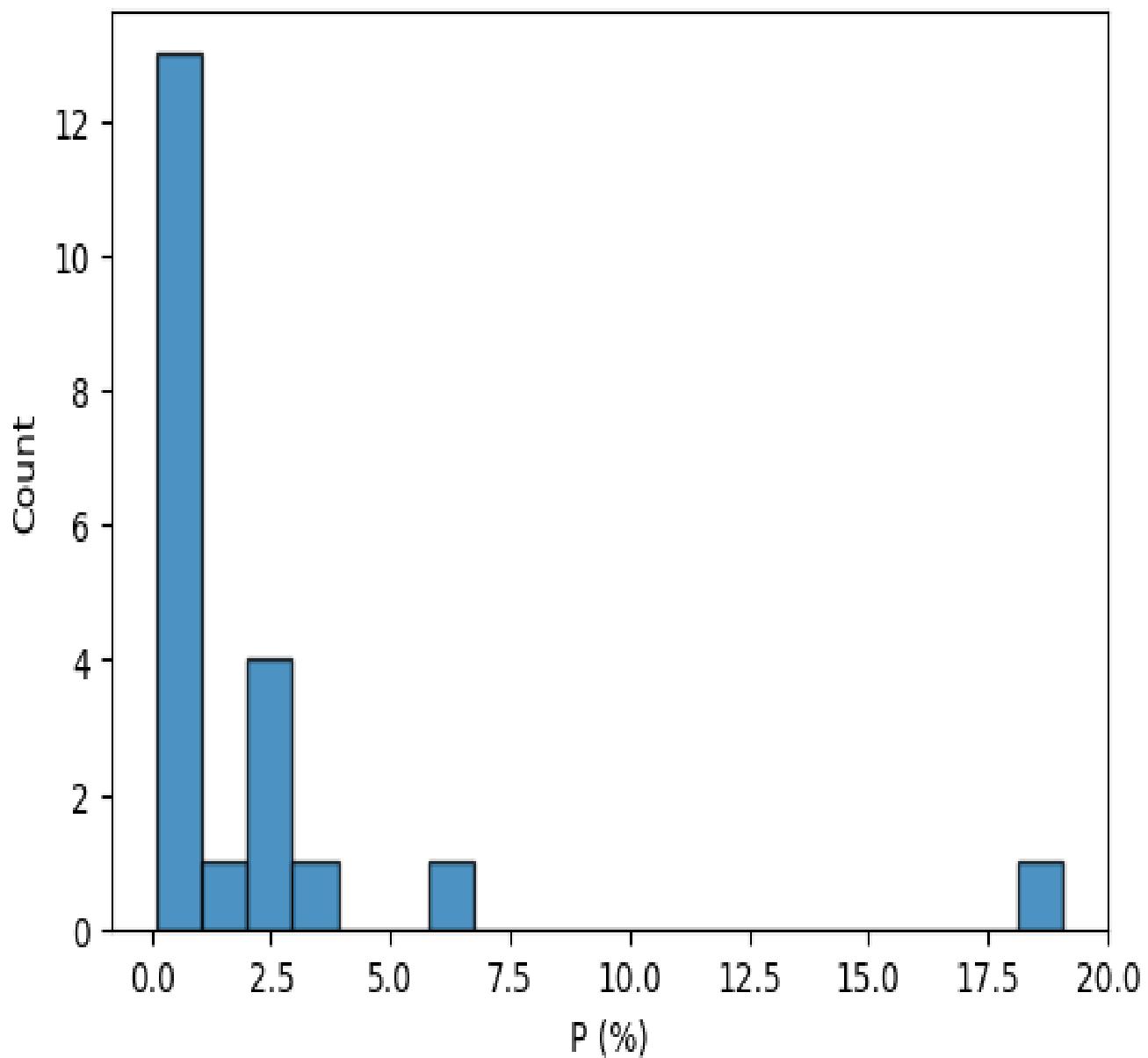
Comp.	Q mean	Q σ	Q weight	U mean	U σ	U weight	Dominante Q	Dominante U
0	0.051	0.060	0.78	0.046	0.184	0.62	✓	✓
1	-0.133	0.004	0.22	0.303	0.105	0.38		

6. Polarimetría — Mapa de polarización

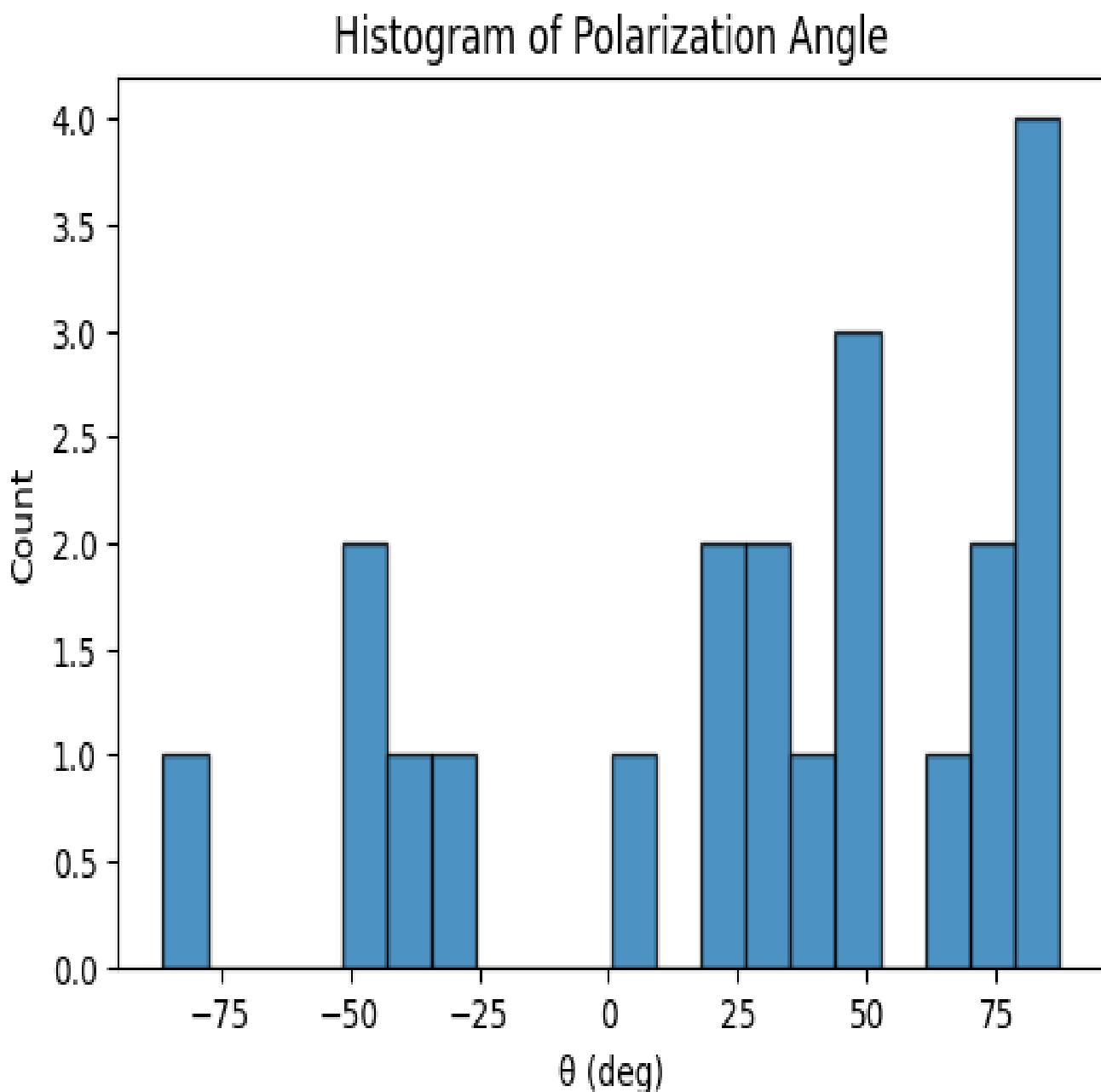


6. Polarimetría — Histograma de P

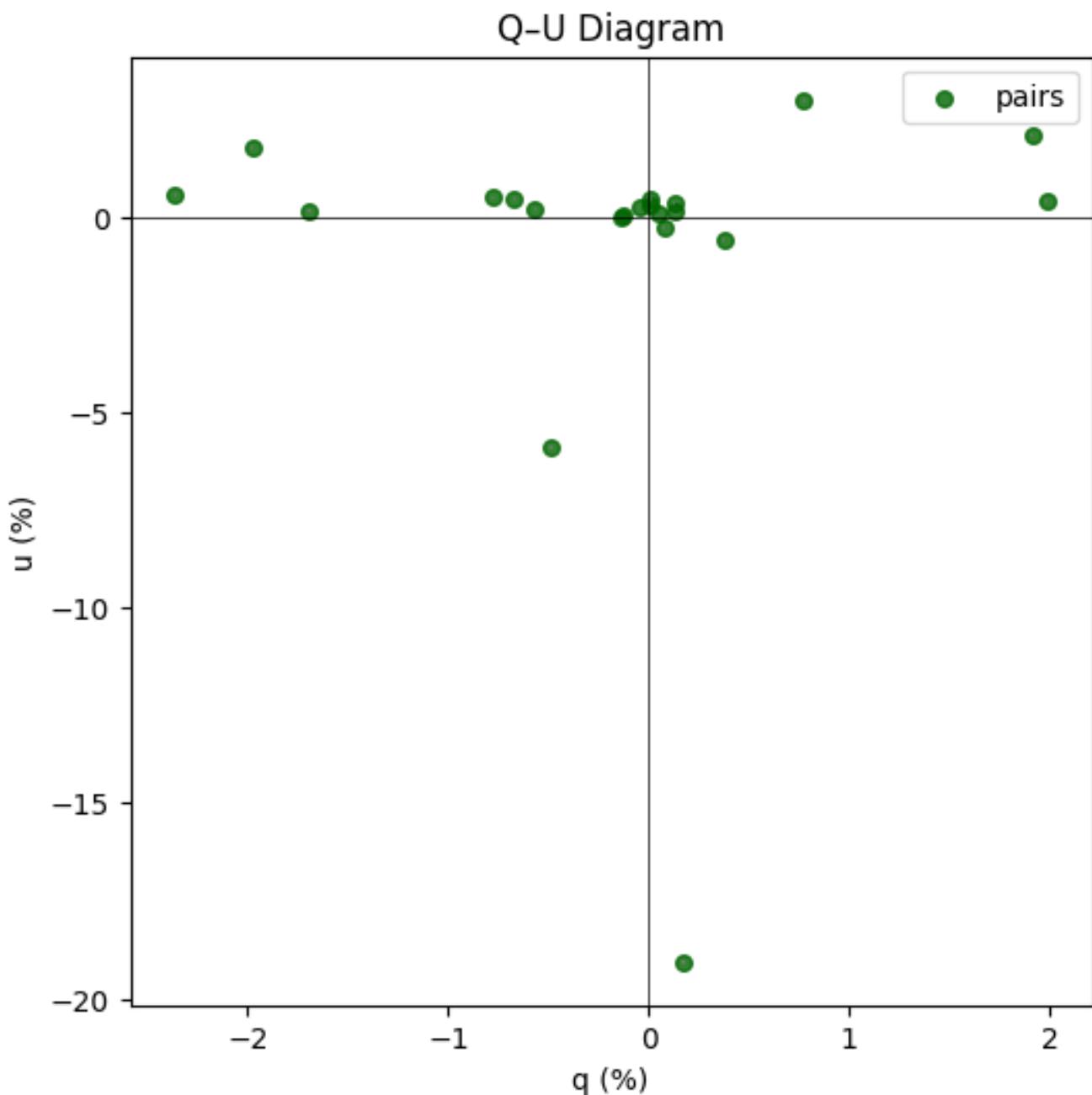
Histogram of Polarization Degree



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	-0.133	0.004	0.22	0.303	0.105	0.38		

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.

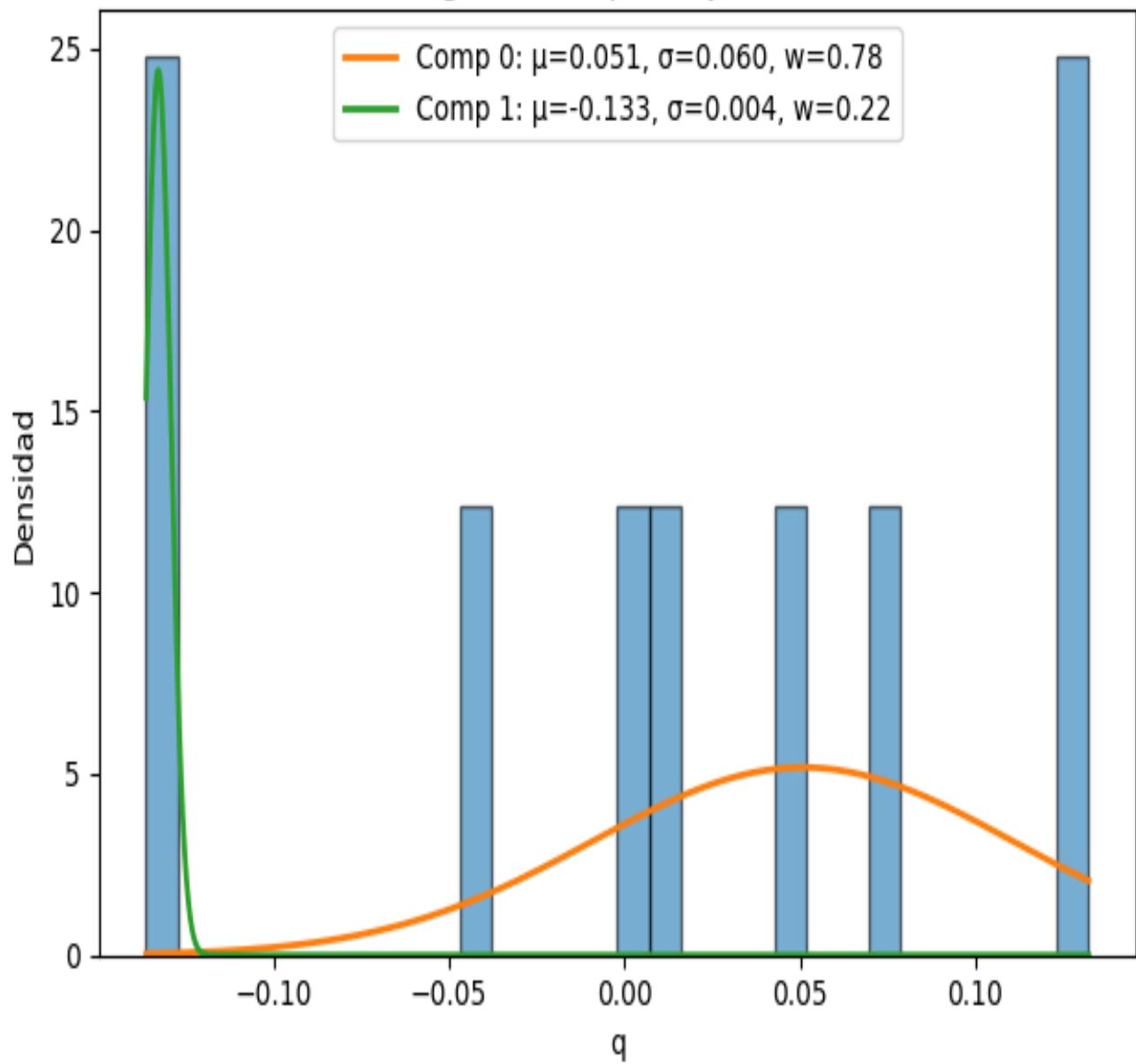
U Means: medias de la componente u estimada para la polarización interestelar.

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

