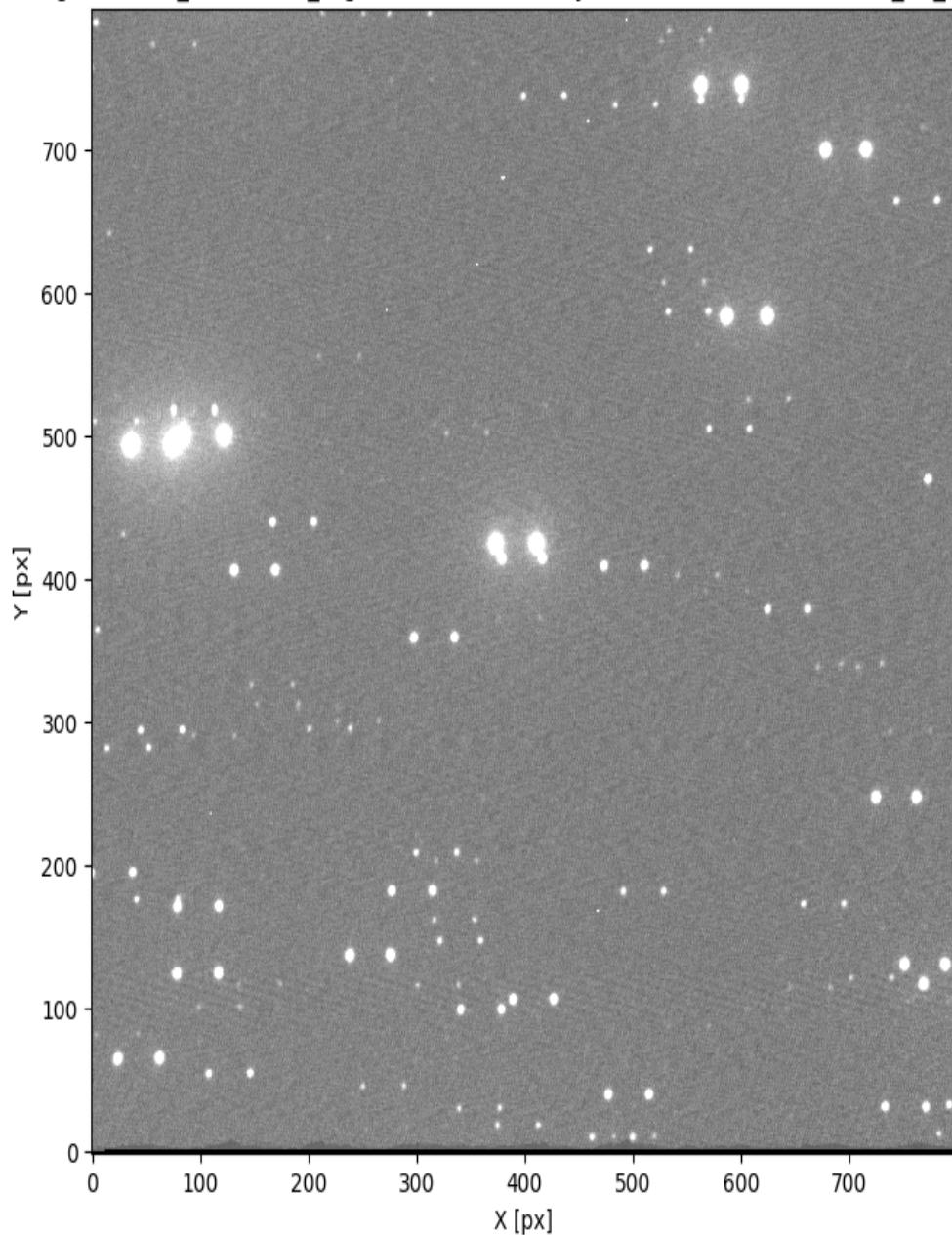
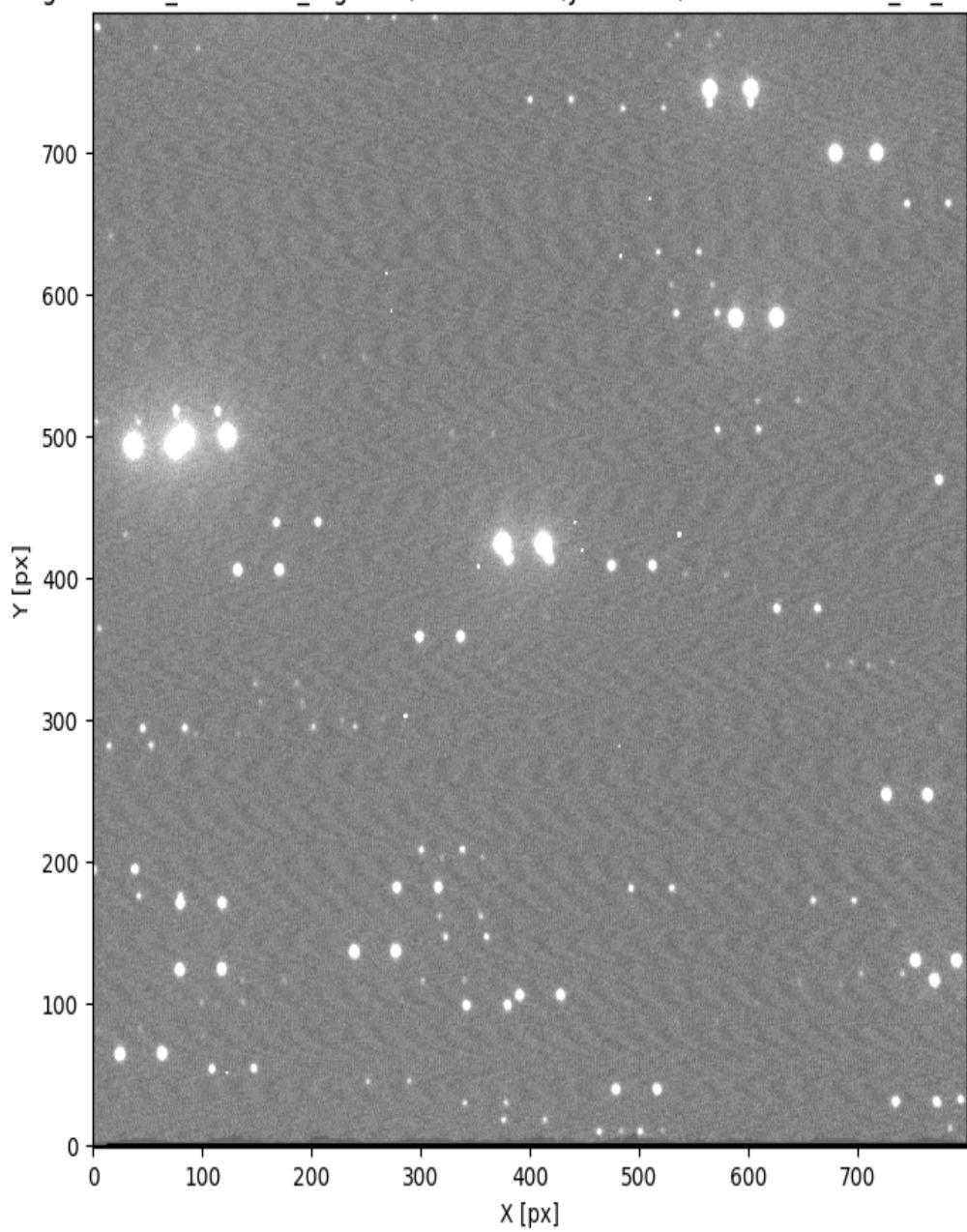


1. Imágenes originales

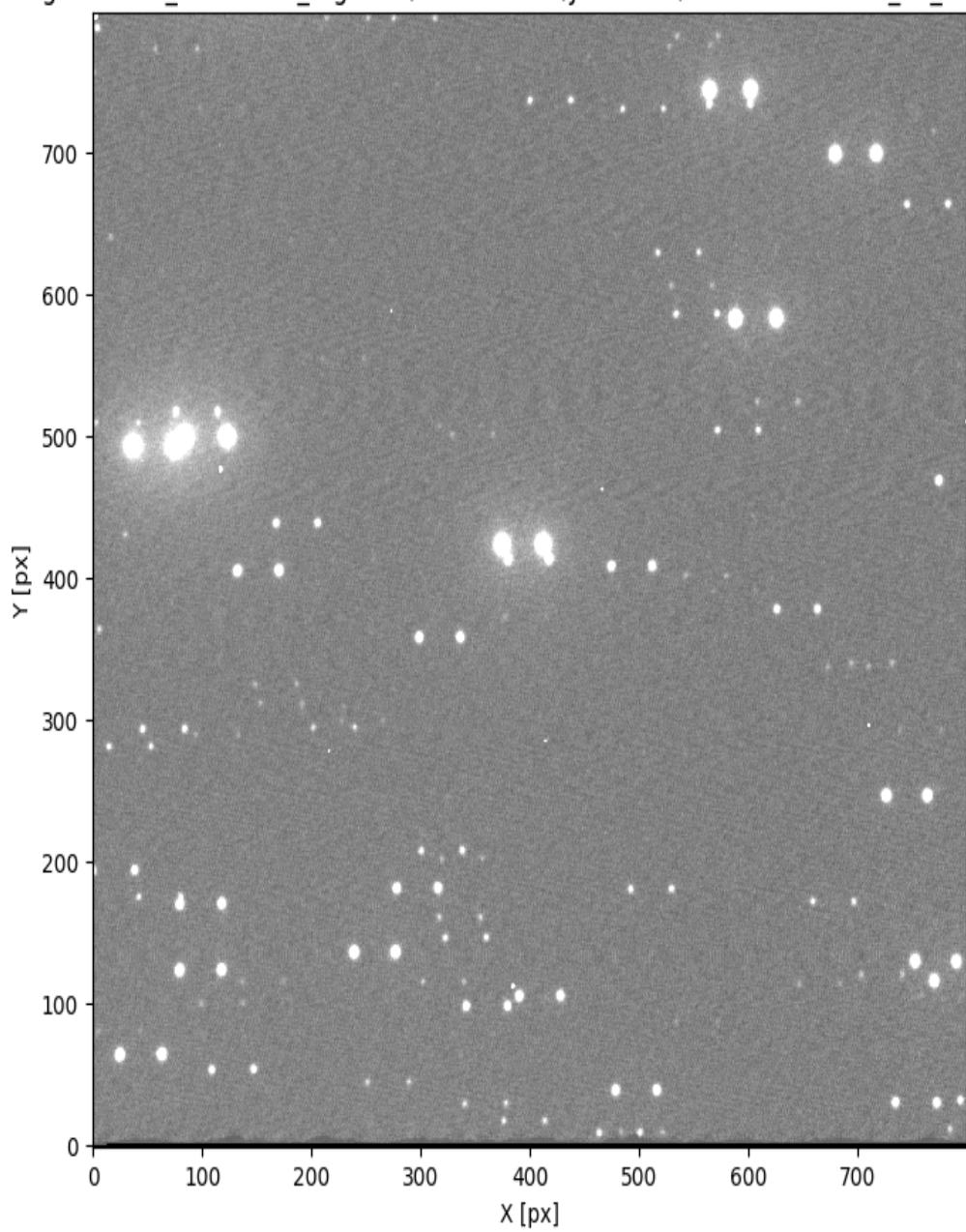
Reference Image noche1_20230720_organize/BD+384058/JohnsonB/caf-20230720-21_32_52-sci-blap_b_f.fits



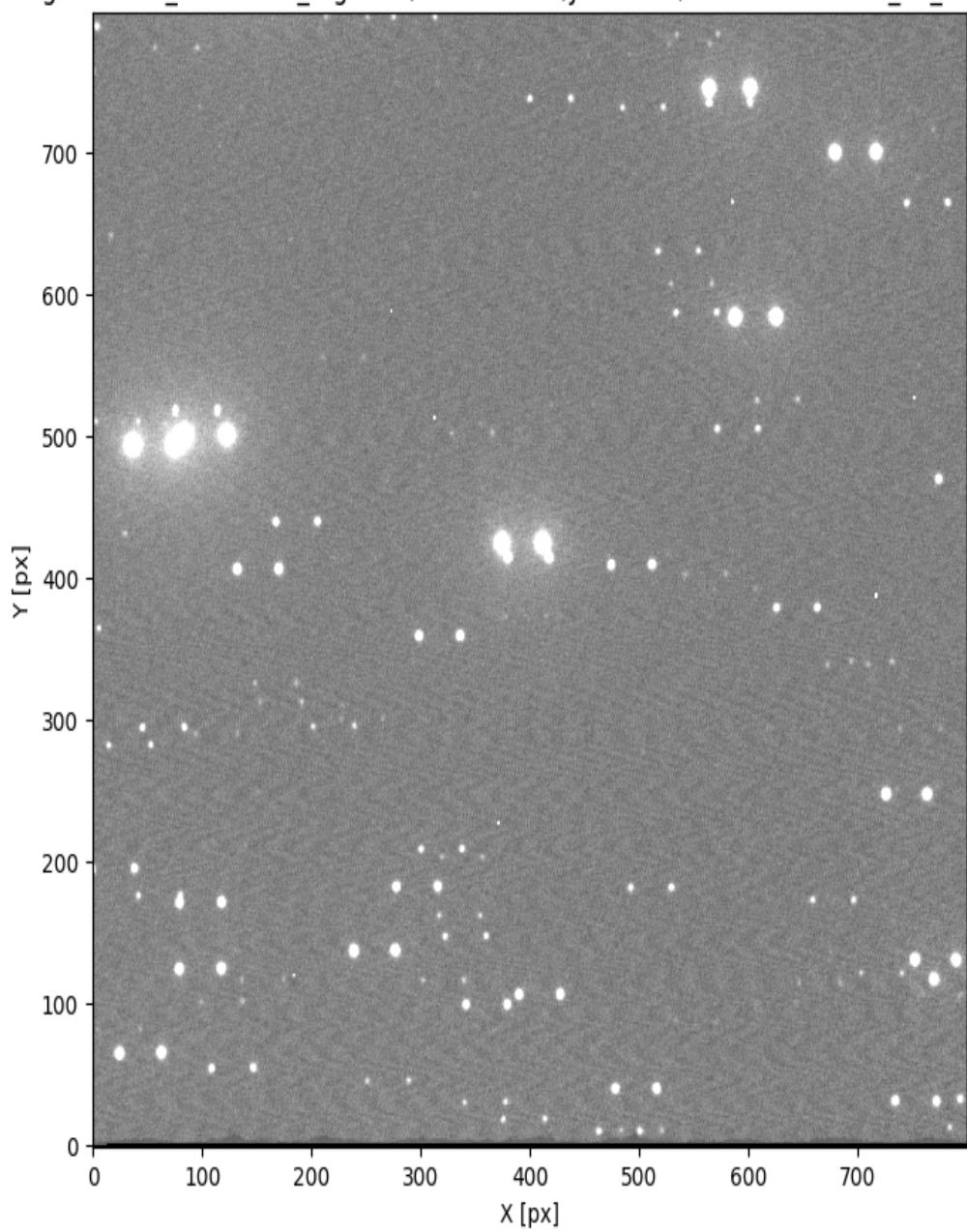
Original Image noche1_20230720_organize/BD+384058/JohnsonB/caf-20230720-21_33_53-sci-blap_b_f.fits



Original Image noche1_20230720_organize/BD+384058/JohnsonB/caf-20230720-21_34_54-sci-blap_b_f.fits

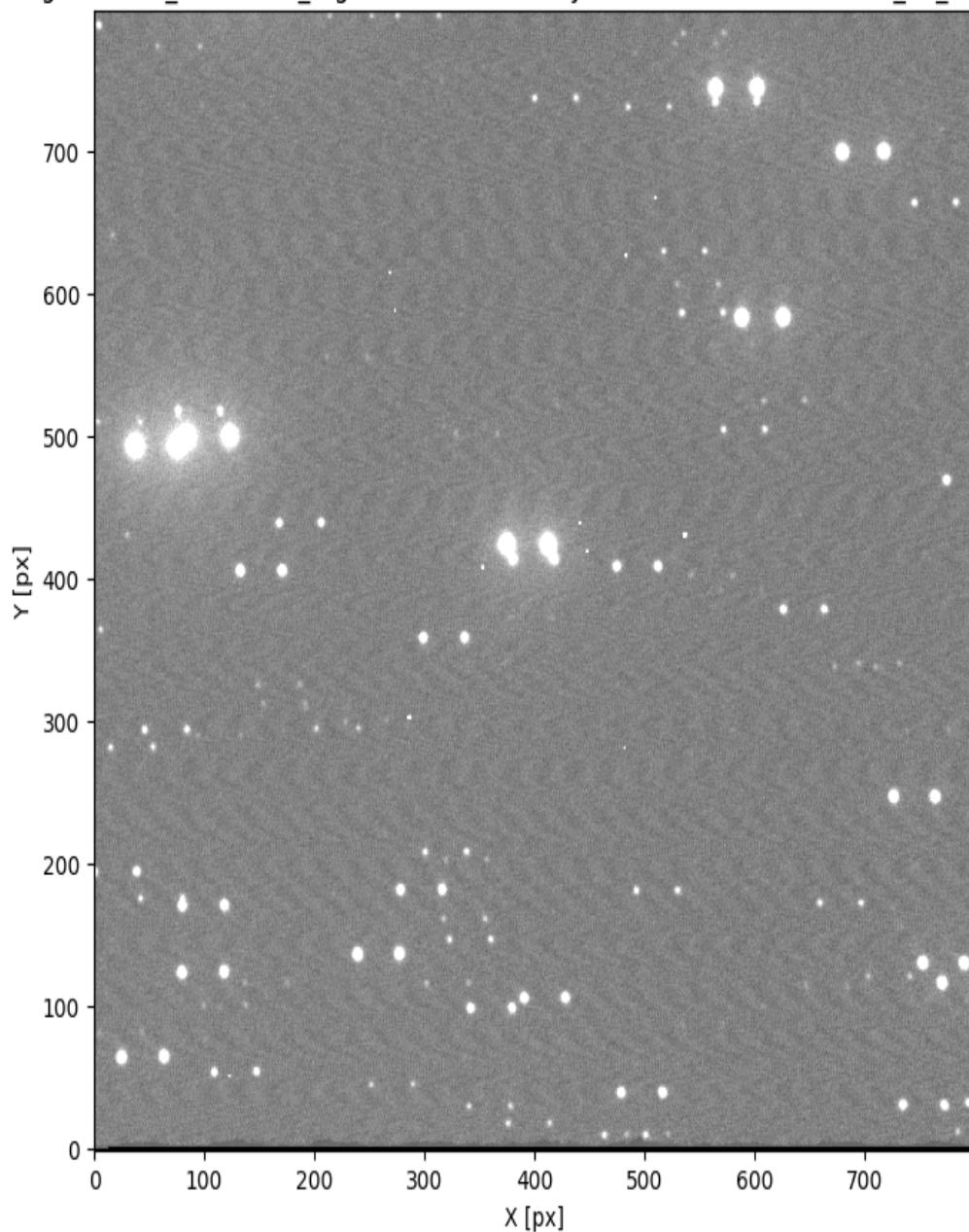


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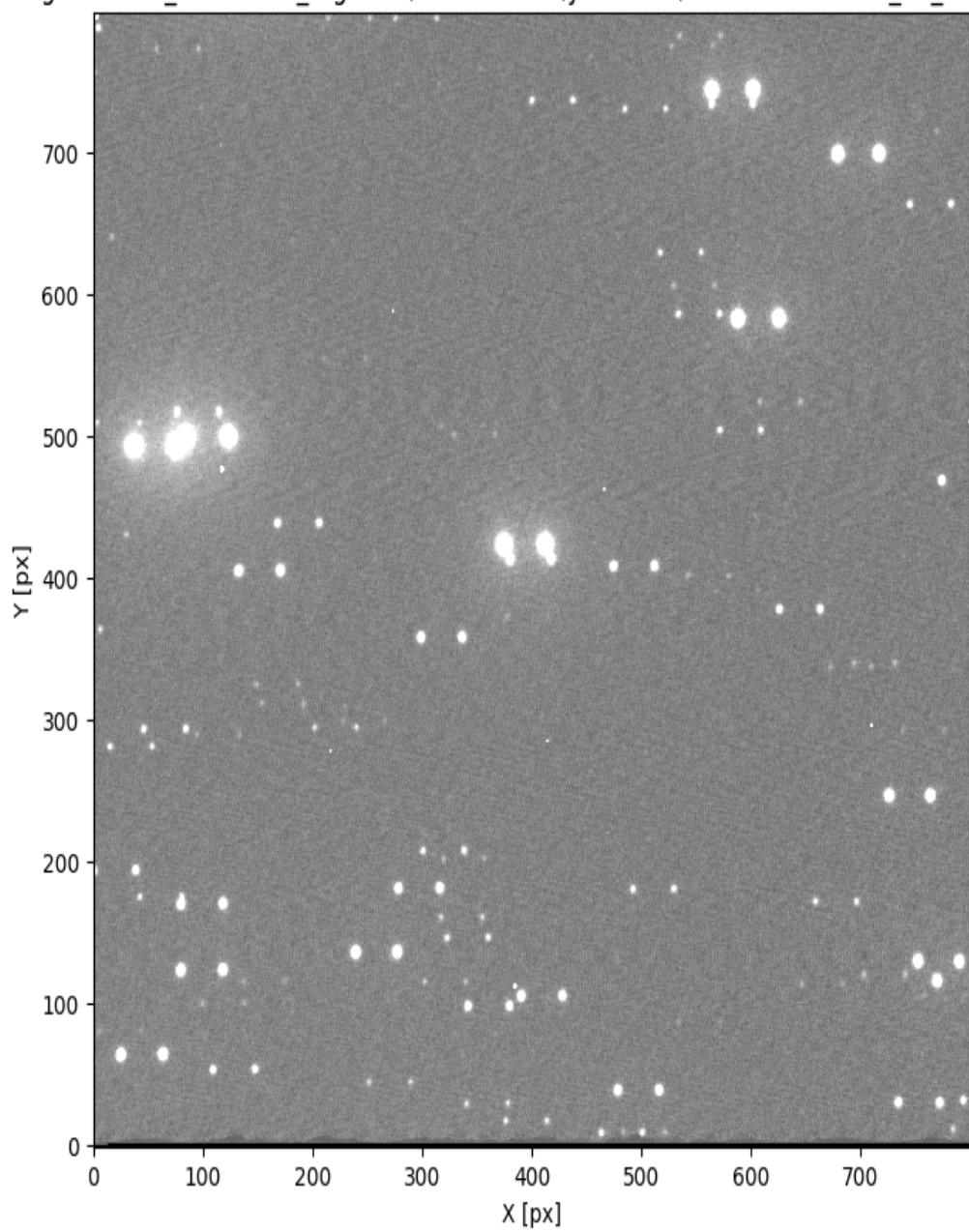


2. Imágenes alineadas

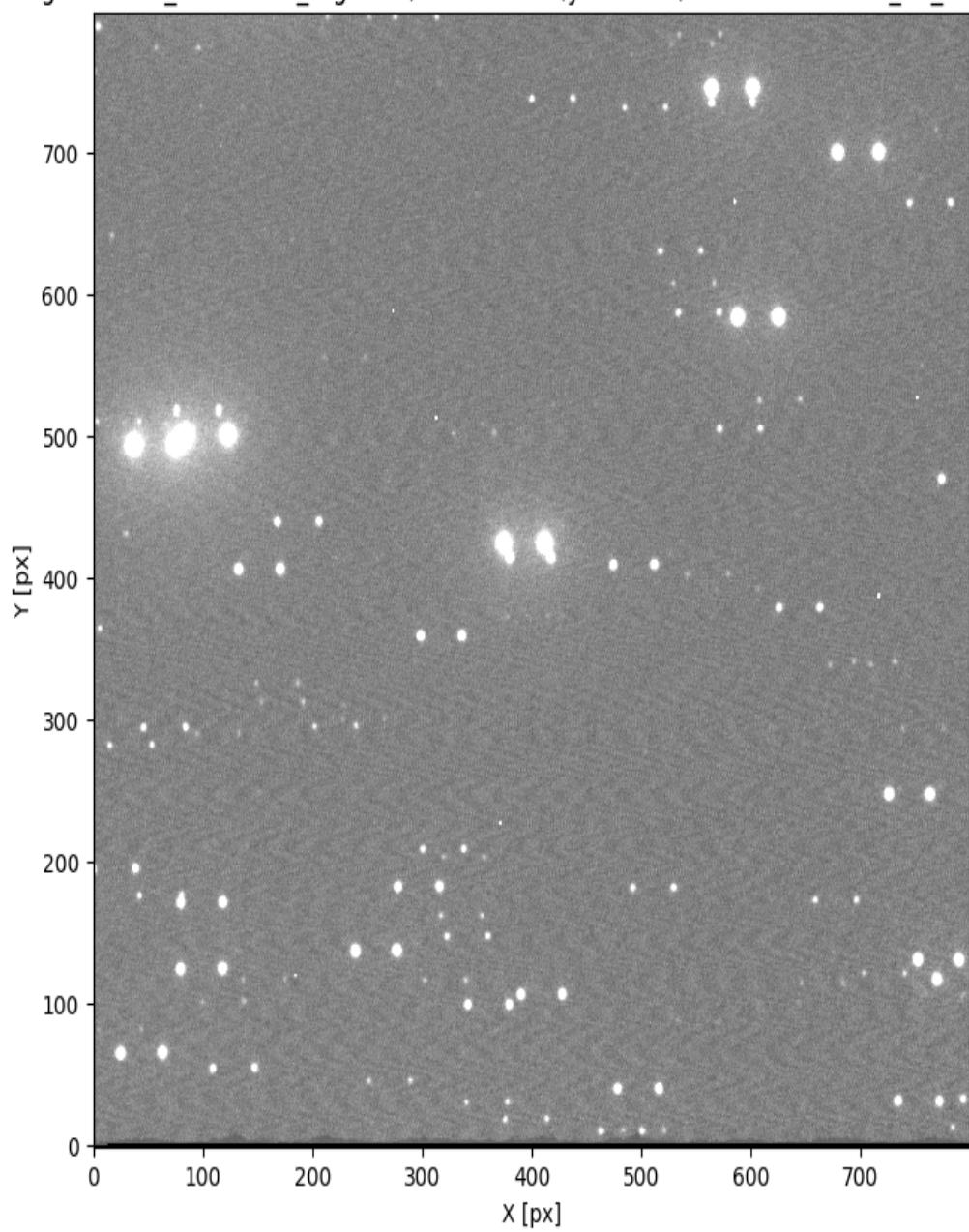
Aligned Image noche1_20230720_organize/BD+384058/JohnsonB/caf-20230720-21_33_53-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/BD+384058/JohnsonB/caf-20230720-21_34_54-sci-blap_b_f.fits

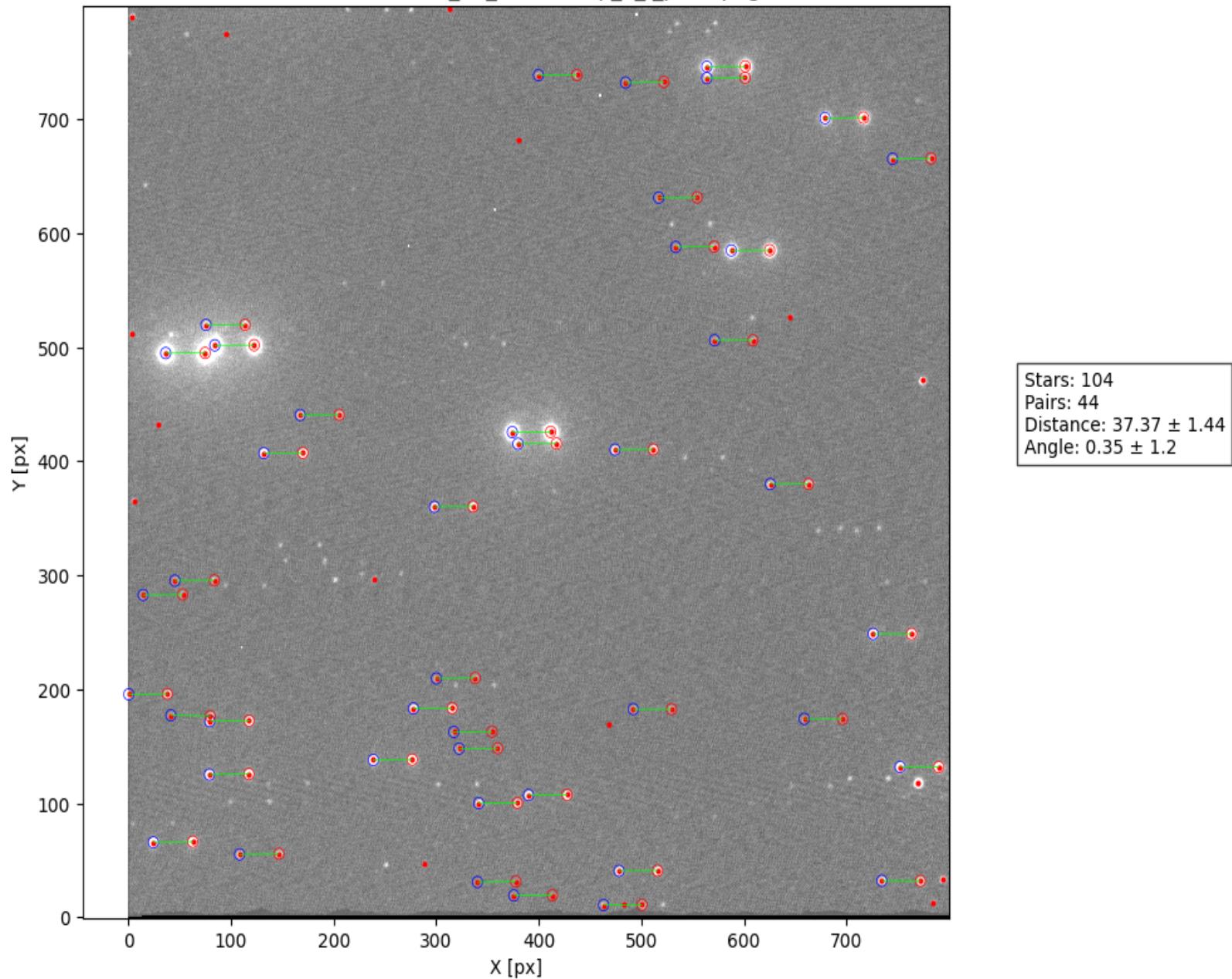


Aligned Image noche1_20230720_organize/BD+384058/JohnsonB/caf-20230720-21_35_55-sci-blap_b_f.fits

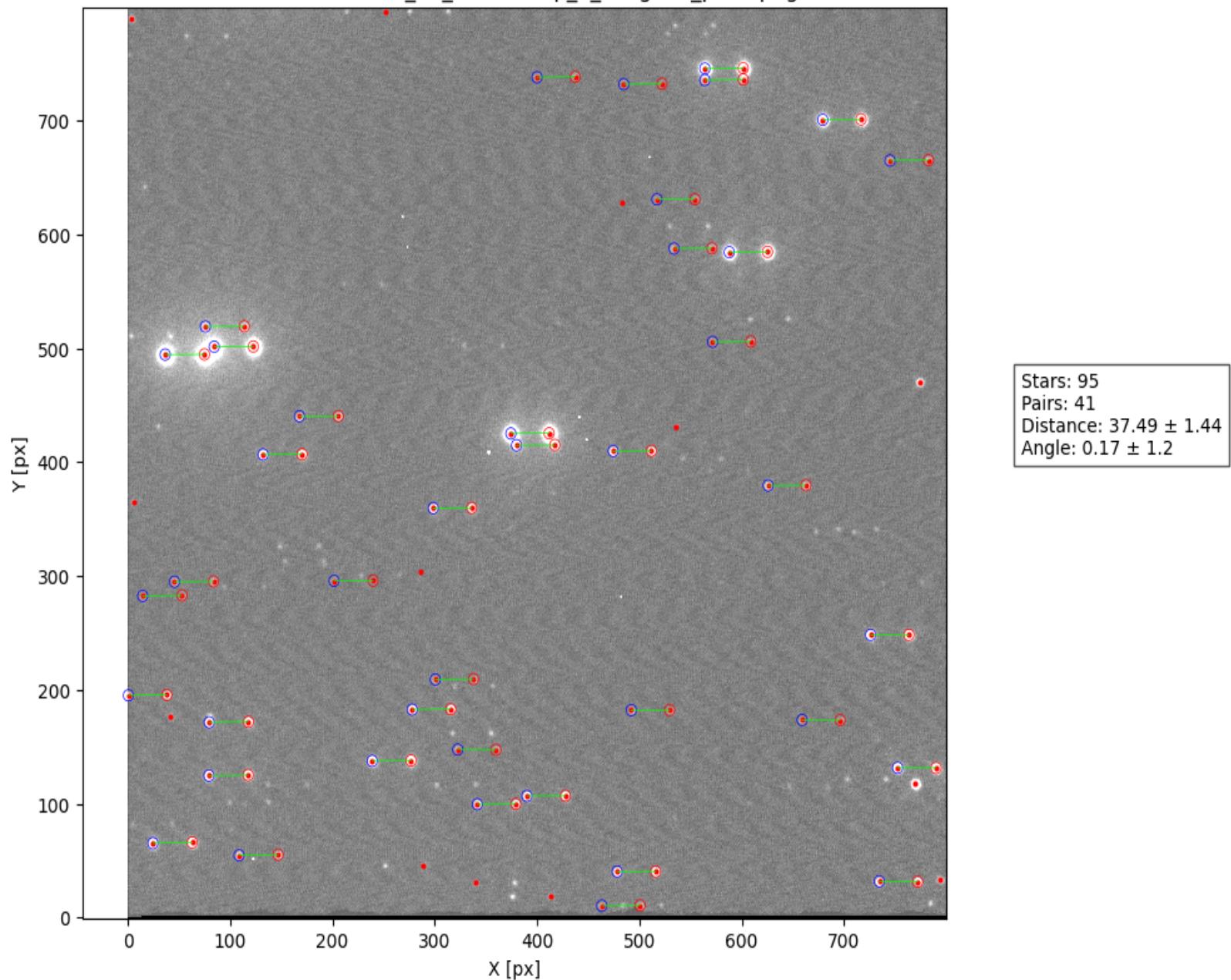


3. Imágenes con pares identificados

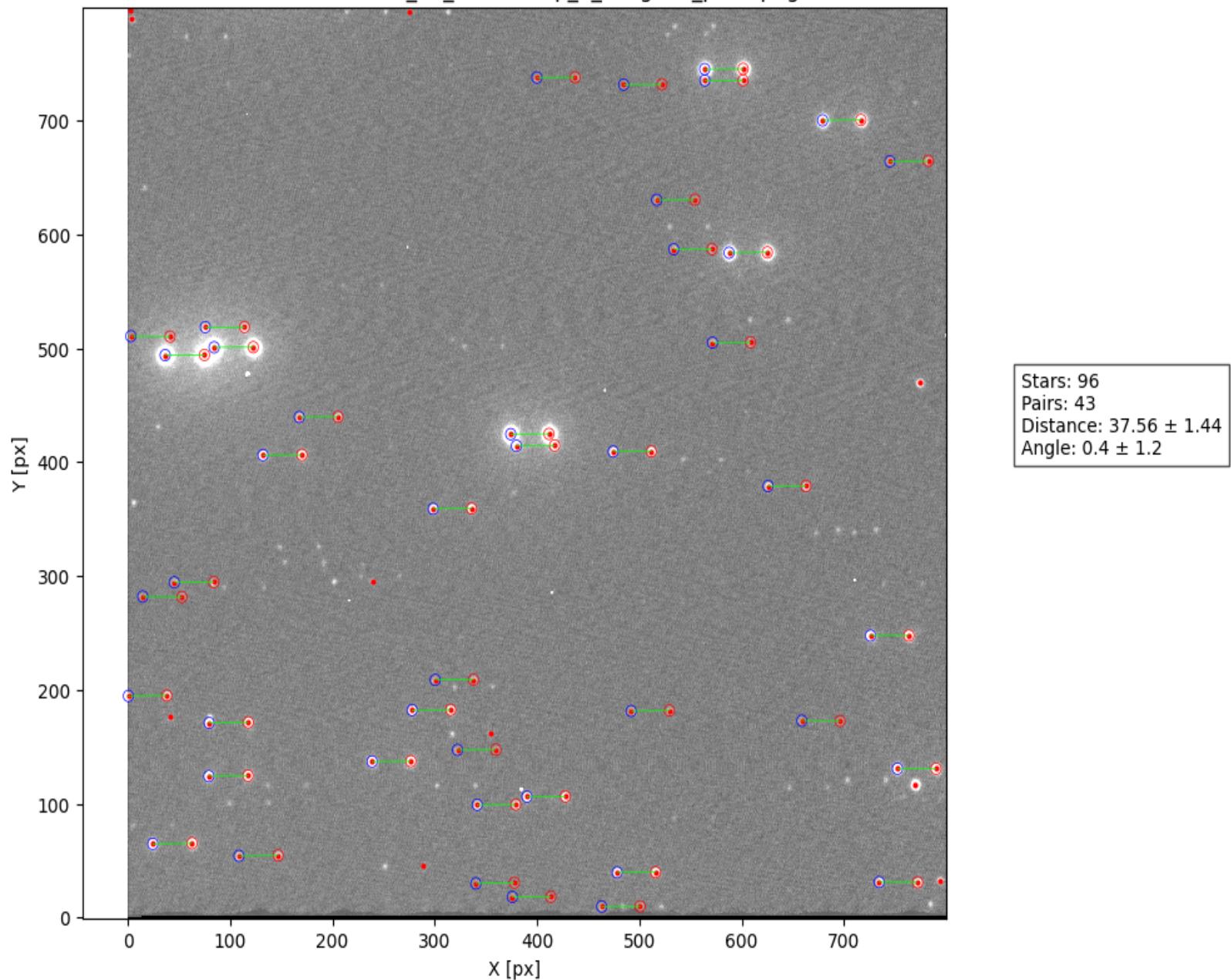
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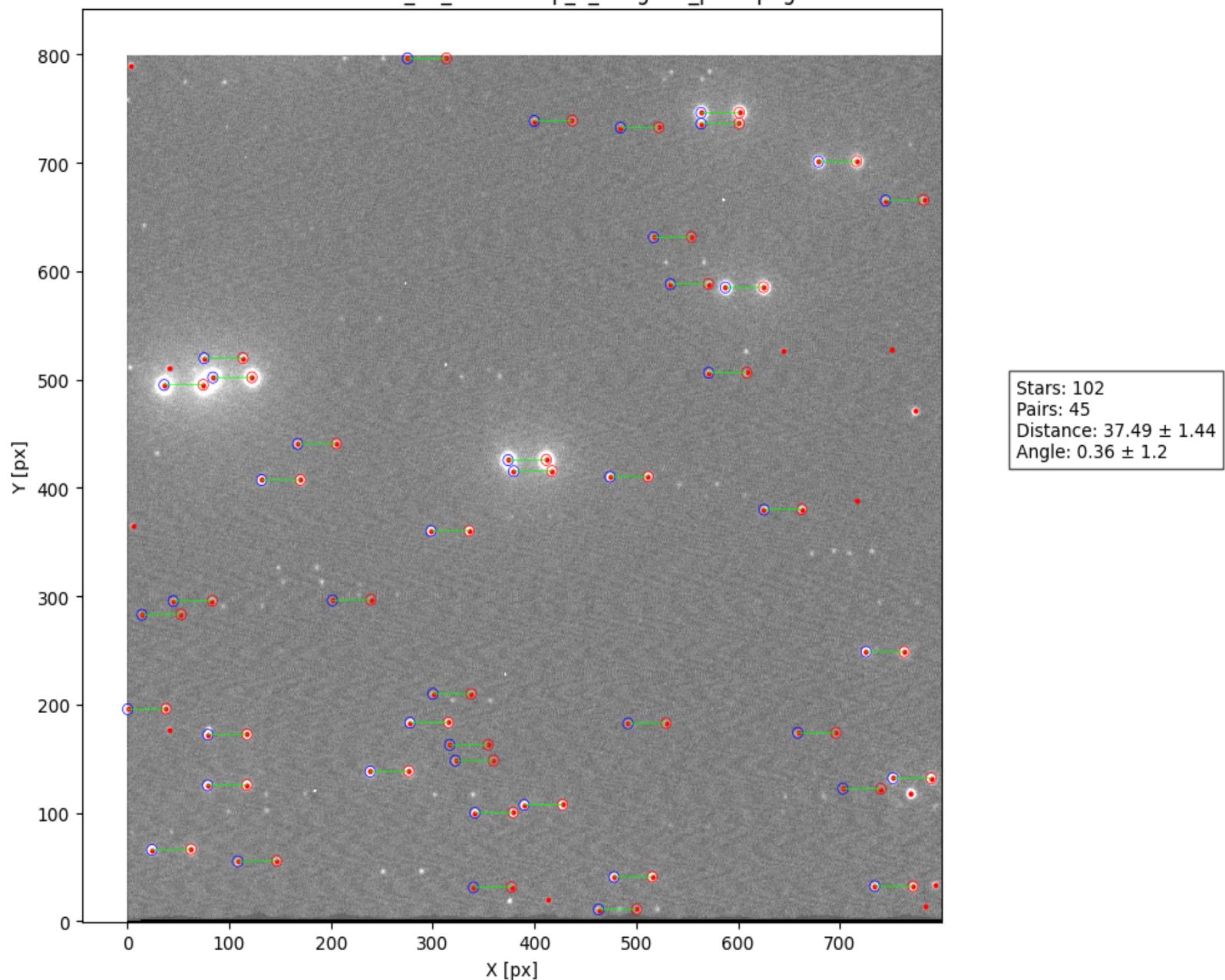
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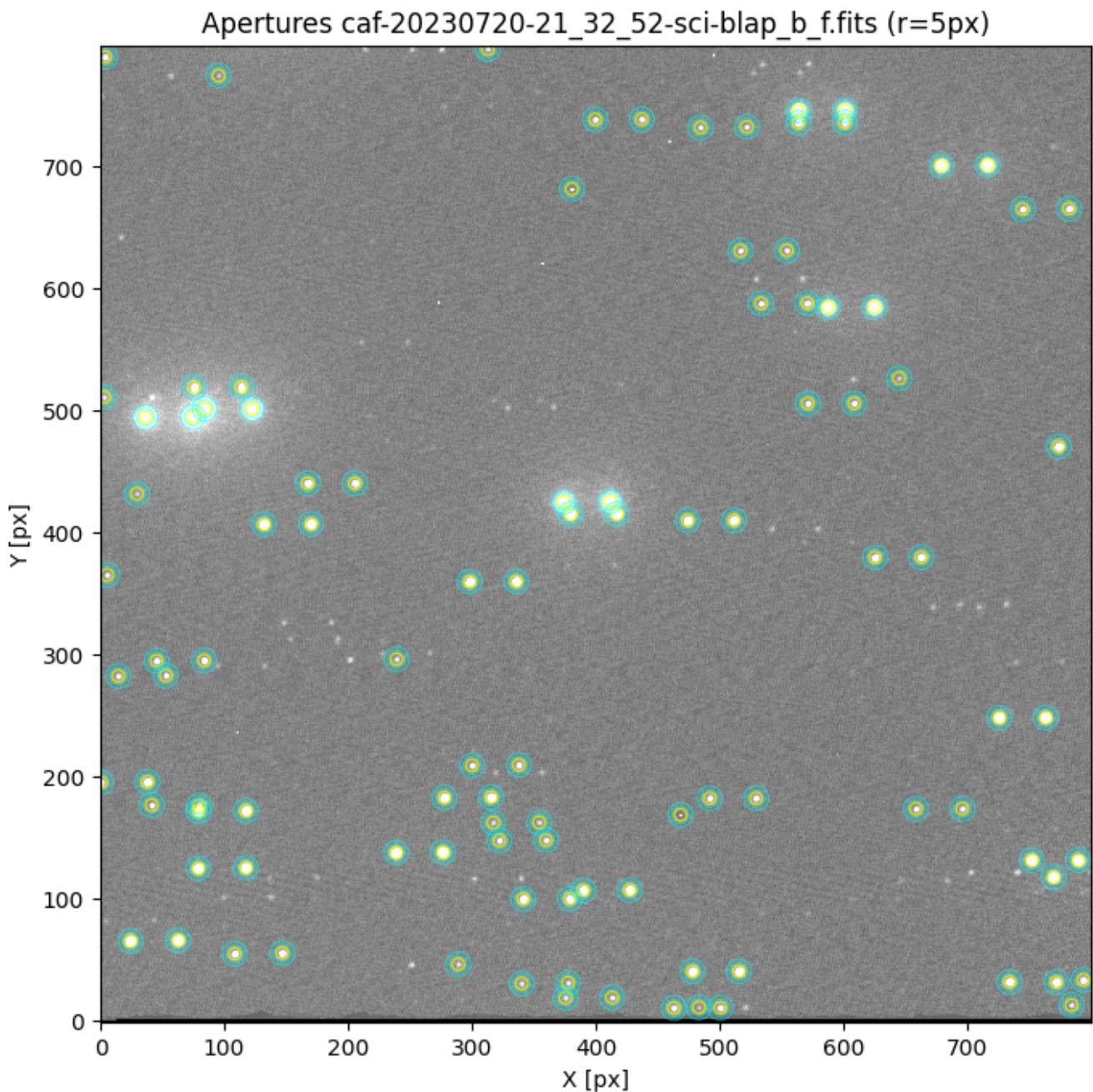
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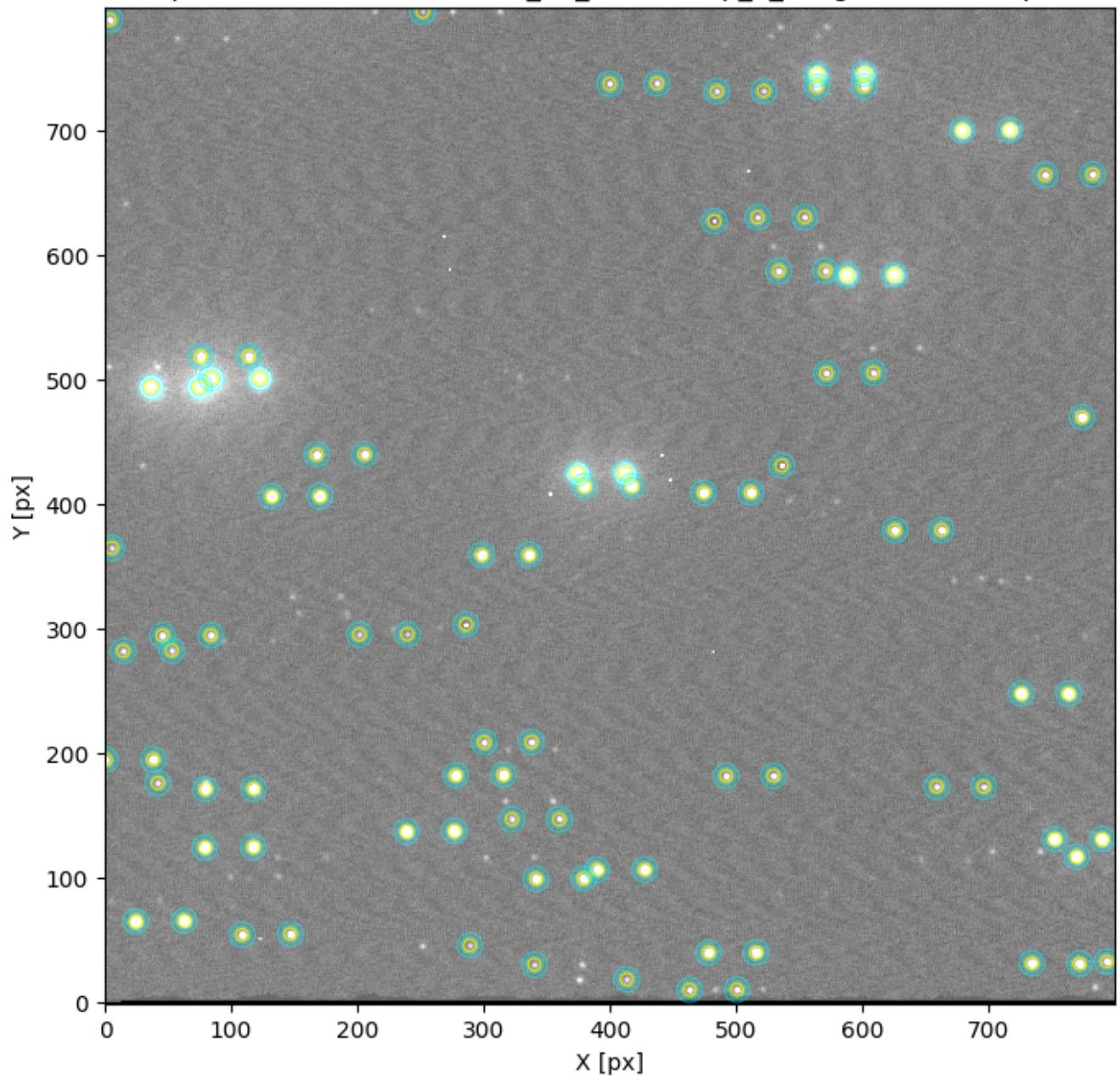
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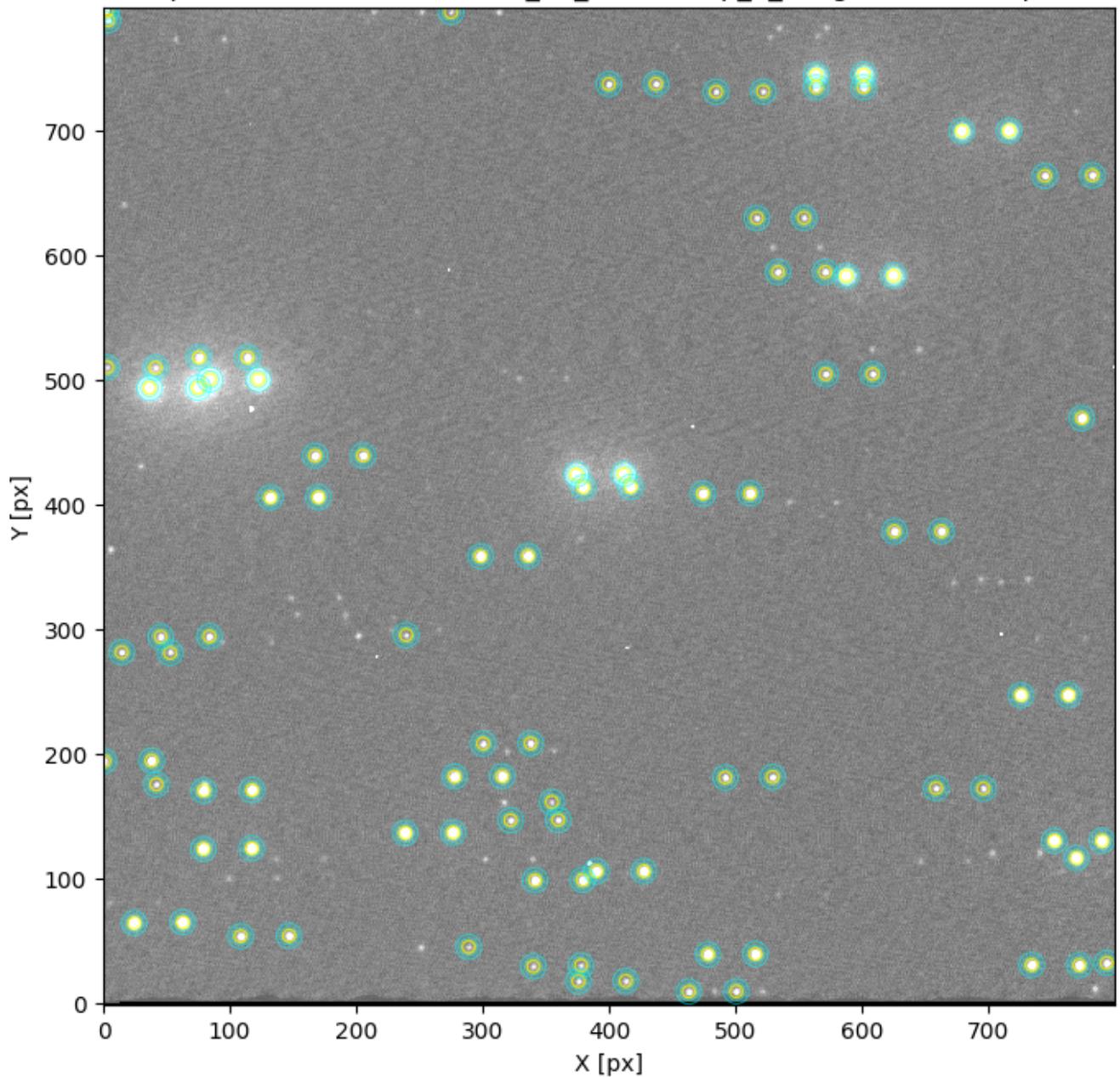
4. Fotometría — Aperturas



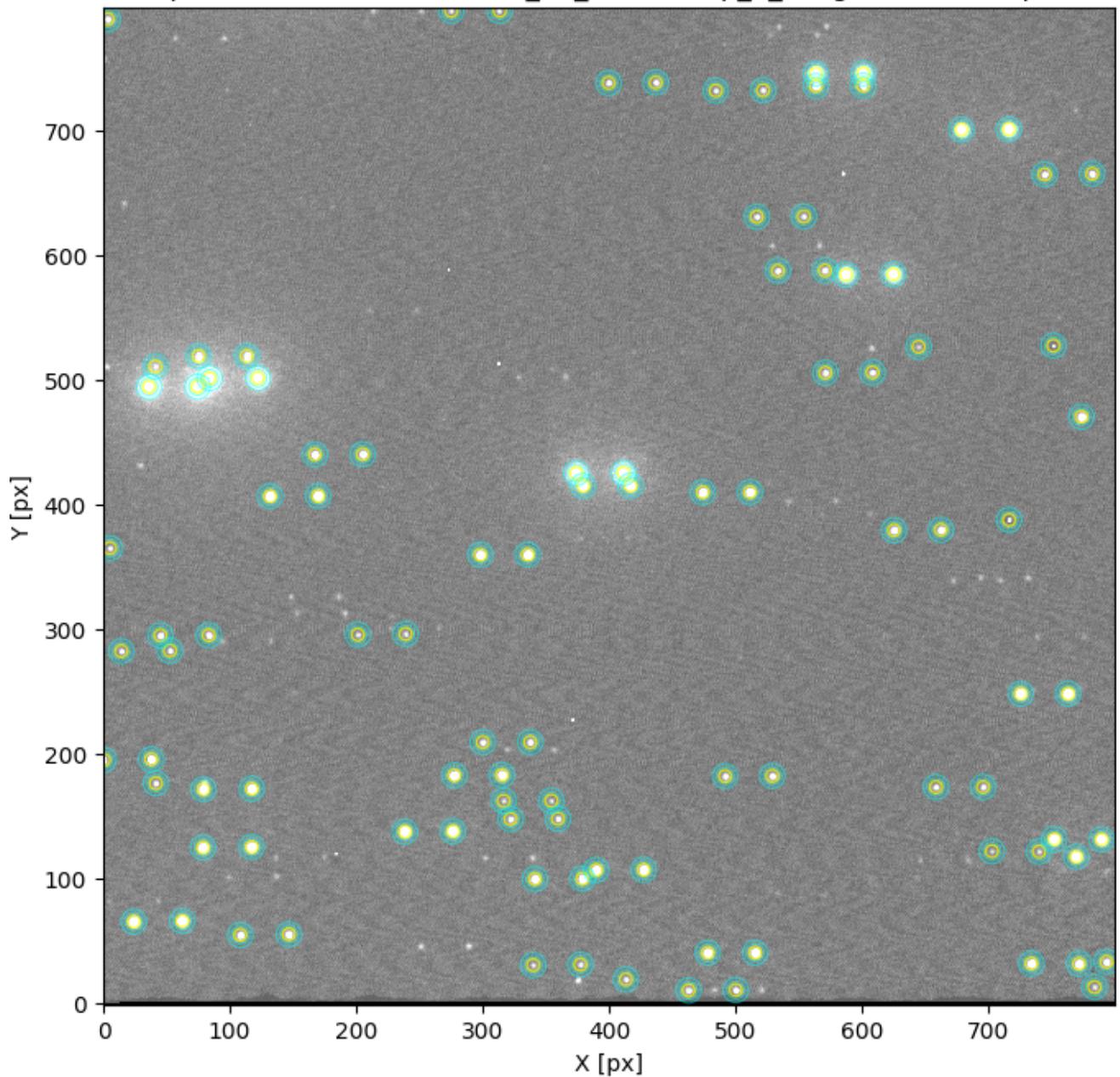
Apertures caf-20230720-21_33_53-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230720-21_34_54-sci-blap_b_f-aligned.fits (r=5px)

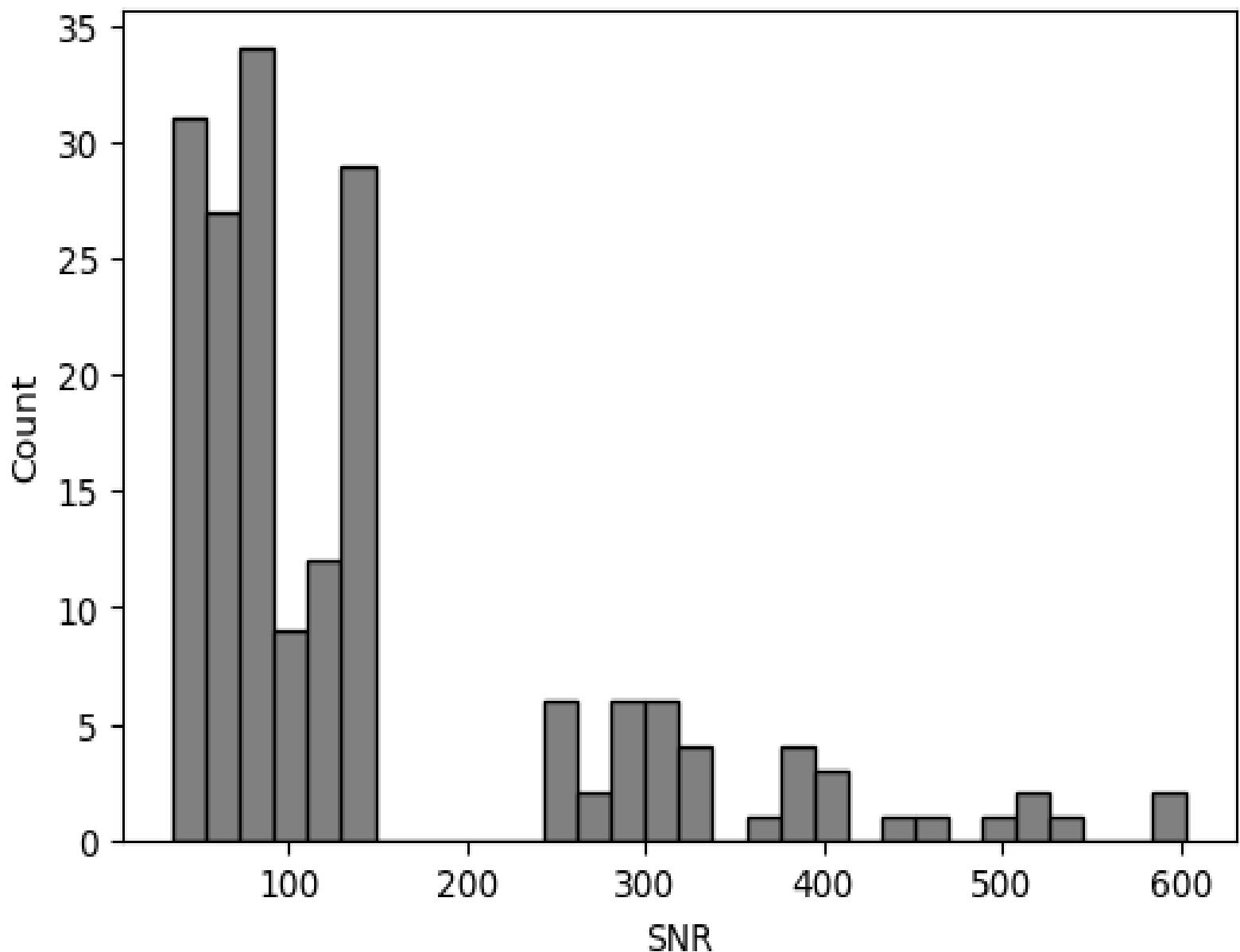


Apertures caf-20230720-21_35_55-sci-blap_b_f-aligned.fits (r=5px)

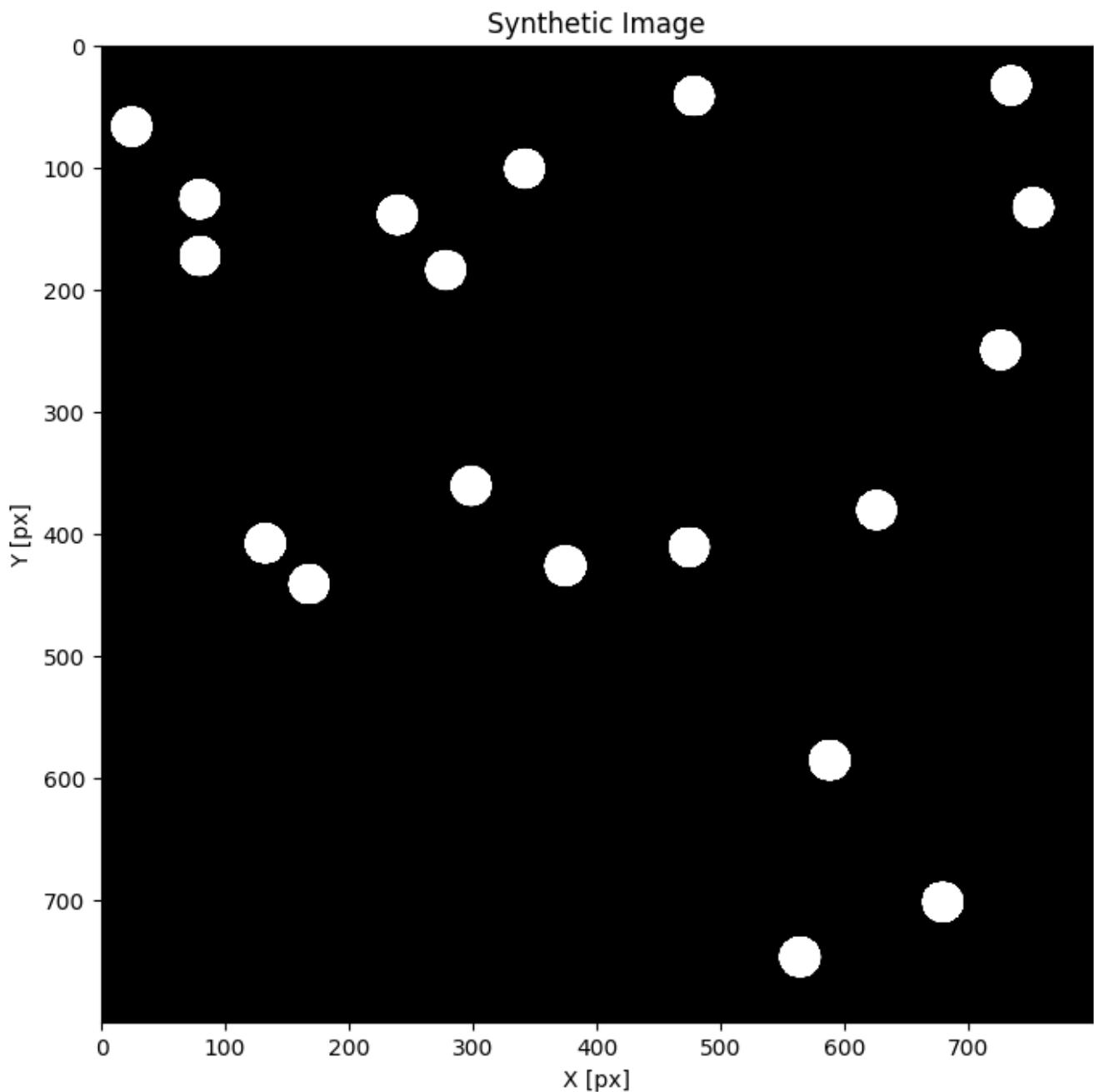


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



5. Astrometría — Imagen sintética



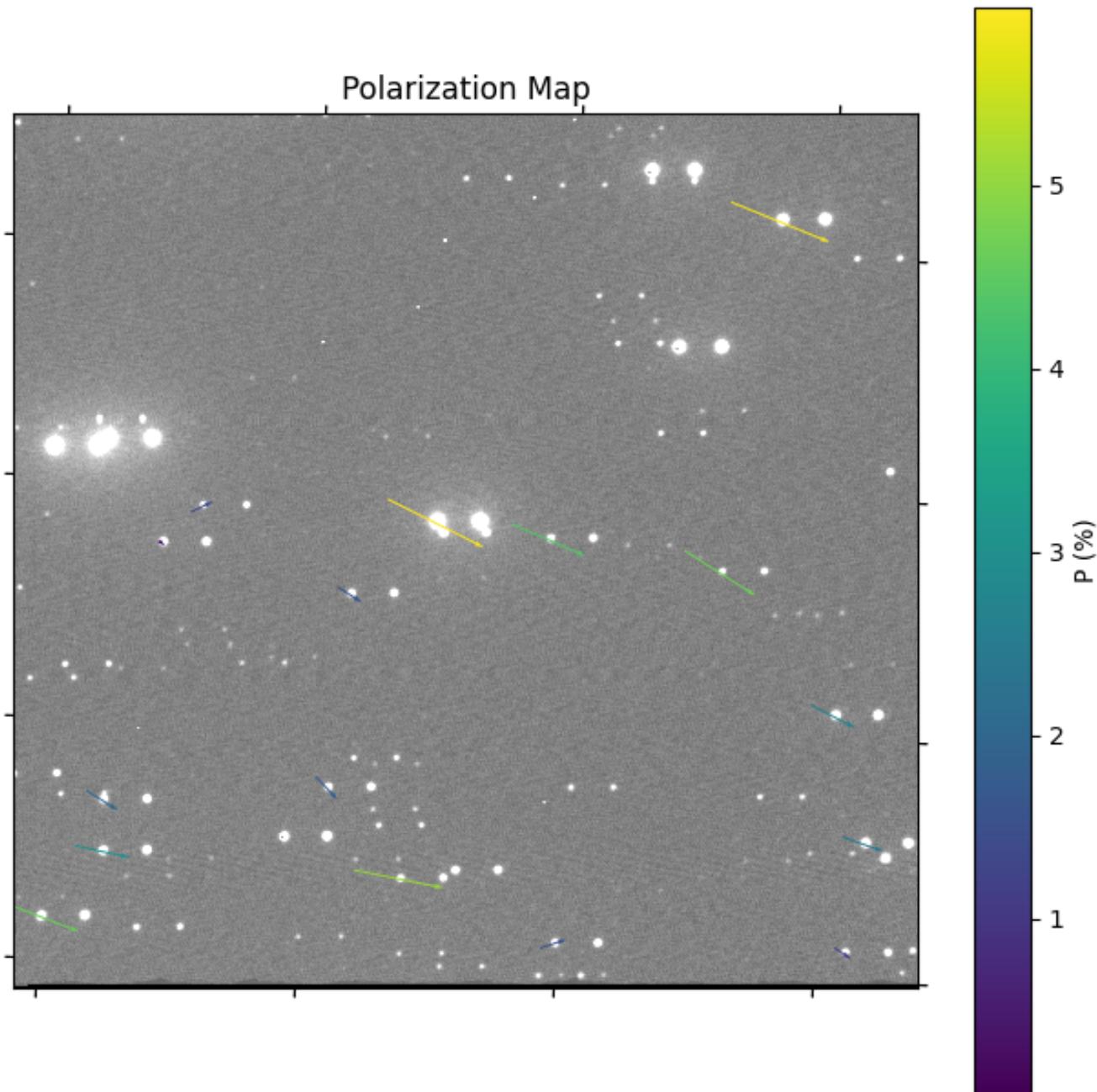
5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
3	305.796662	39.403914	NVSS J202309+392352	Radio
4	305.796654	39.366559	Gaia DR2 2061240537203703424	EmLine*
6	305.798719	39.300329	TYC 3152-333-1	Star
7	305.807004	39.346363	ZTF J202312.09+392026.0	EclBin
9	305.810230	39.307992	Gaia DR2 2061239403332307840	EmLine*
10	305.815590	39.406091	Gaia DR2 2061428721185185792	EmLine*
11	305.813558	39.331204	Gaia DR2 2061240227966040448	EmLine*
14	305.819041	39.307791	Gaia DR2 2061239403332307840	EmLine*
17	305.822293	39.336670	Gaia DR2 2061240227966040448	EmLine*
21	305.837446	39.401745	No_ID	
24	305.855798	39.338788	No_ID	
25	305.861593	39.386507	No_ID	
26	305.863725	39.314262	No_ID	
27	305.866345	39.364242	ZTF J202327.47+392137.8	EclBin
29	305.868630	39.349545	BD+38 4058	EclBin
30	305.870252	39.319257	No_ID	
35	305.900110	39.379979	TYC 3156-168-1	Star
39	305.922697	39.392795	TYC 3156-101-1	Star
43	305.930488	39.375685	TYC 3156-117-1	Star

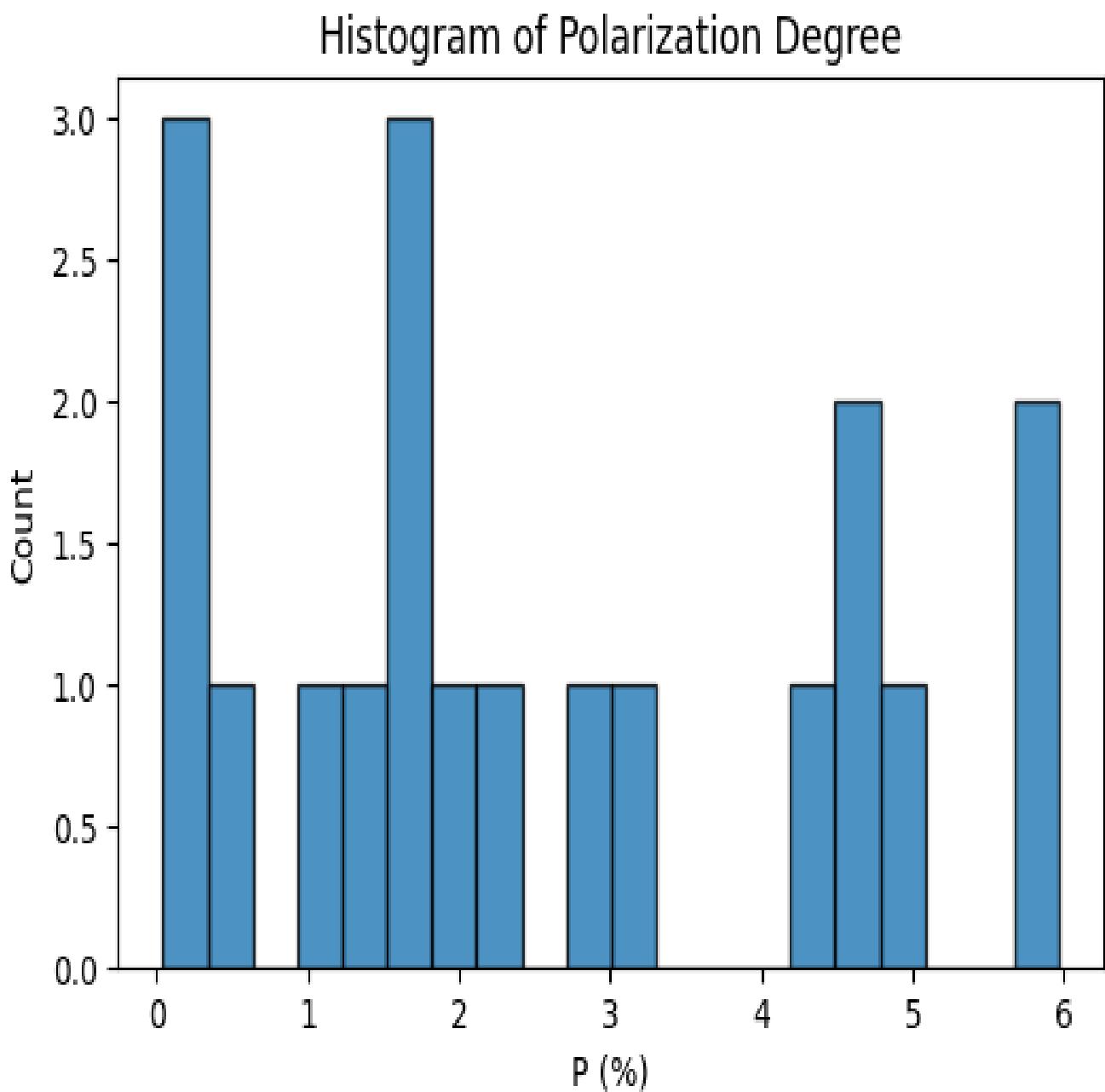
6. Polarimetría — Estimación Interestelar (ISM)

Comp.	Q mean	Q σ	Q weight	U mean	U σ	U weight	Dominante Q	Dominante U
0	0.056	0.065	0.40	-0.818	0.851	0.70		✓
1	2.845	0.915	0.60	-4.056	0.763	0.30	✓	

6. Polarimetría — Mapa de polarización

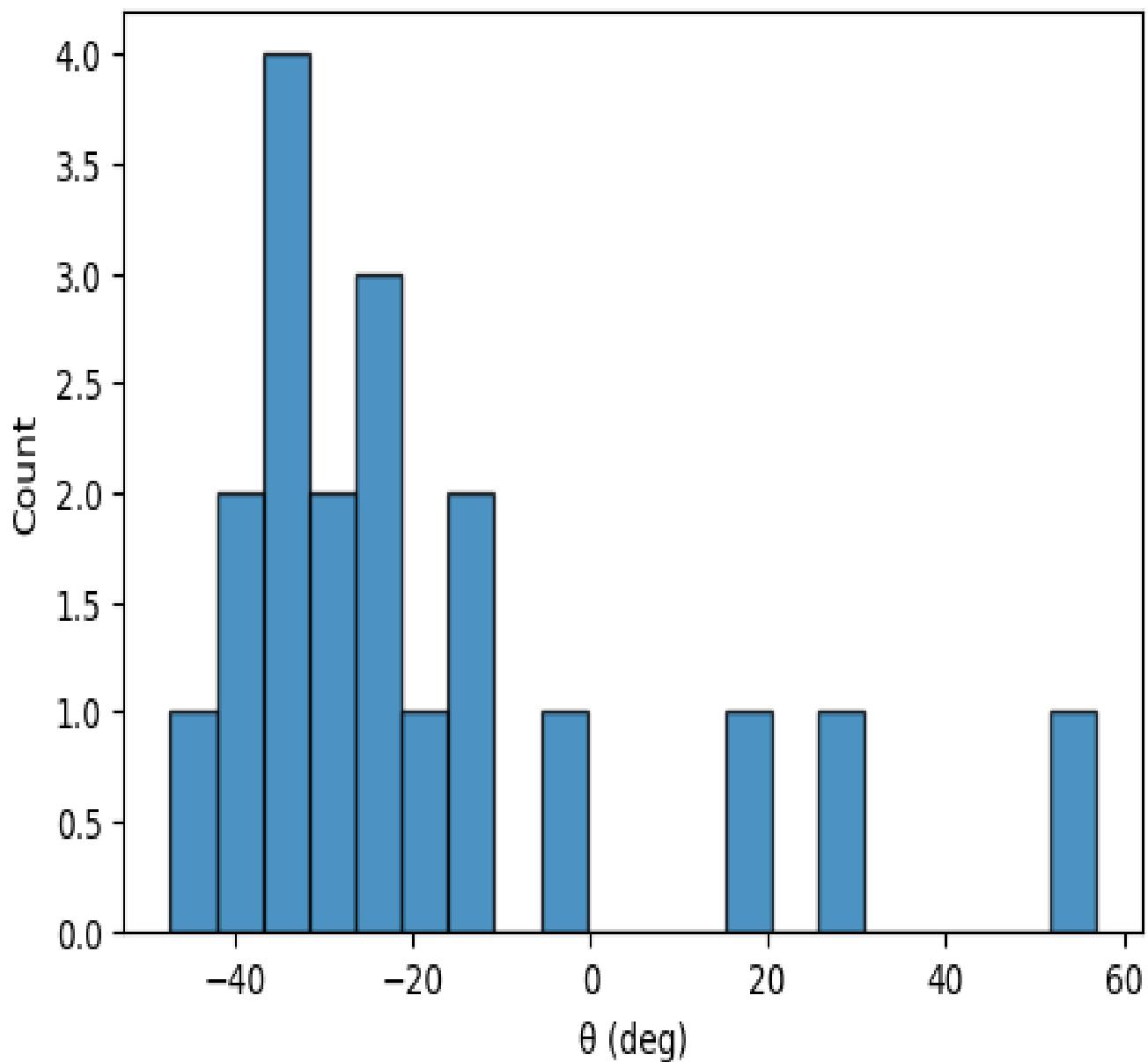


6. Polarimetría — Histograma de P

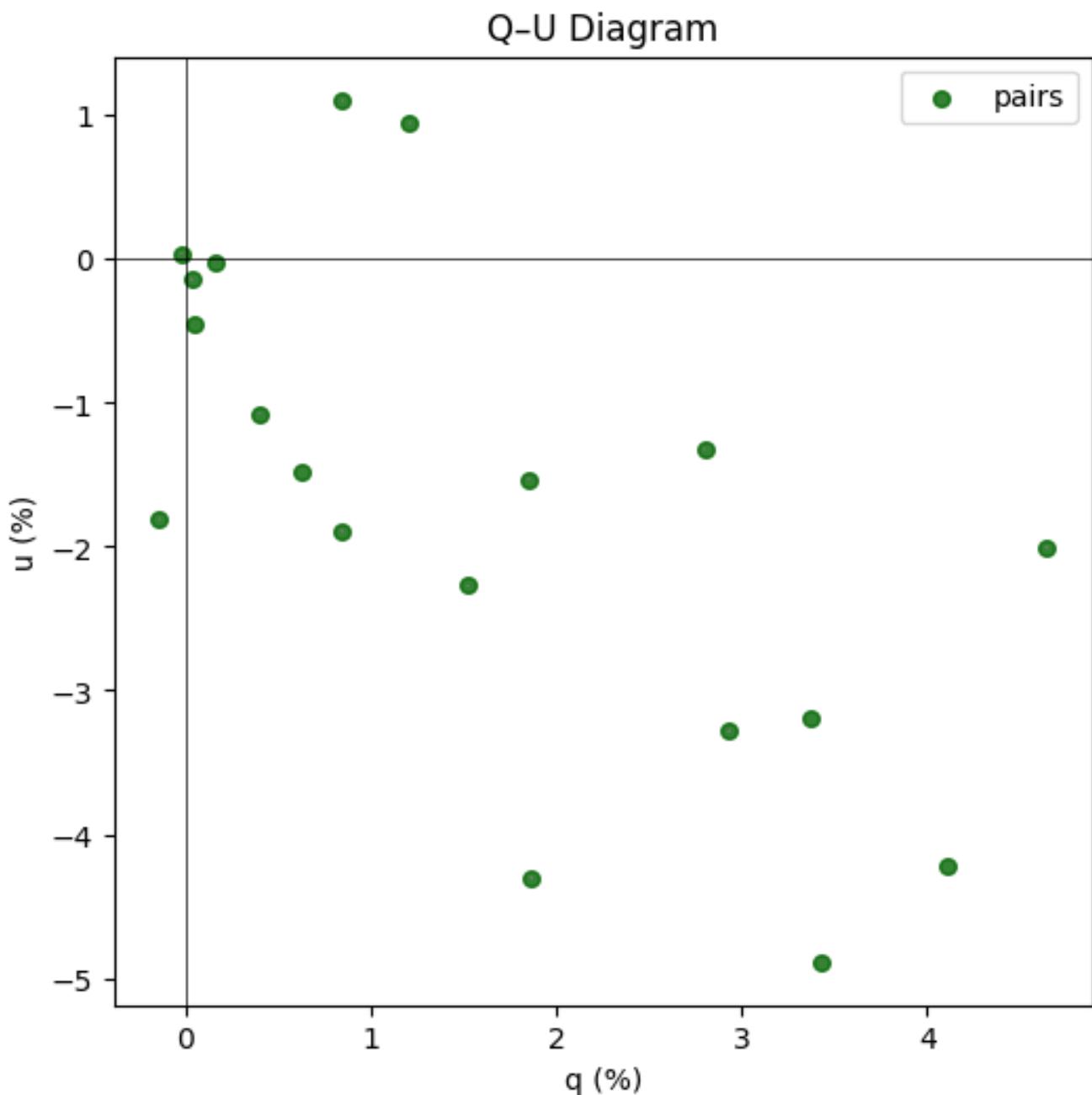


6. Polarimetría — Histograma de θ

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
0	0.056	0.065	0.40	-0.818	0.851	0.70		✓
1	2.845	0.915	0.60	-4.056	0.763	0.30	✓	

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.

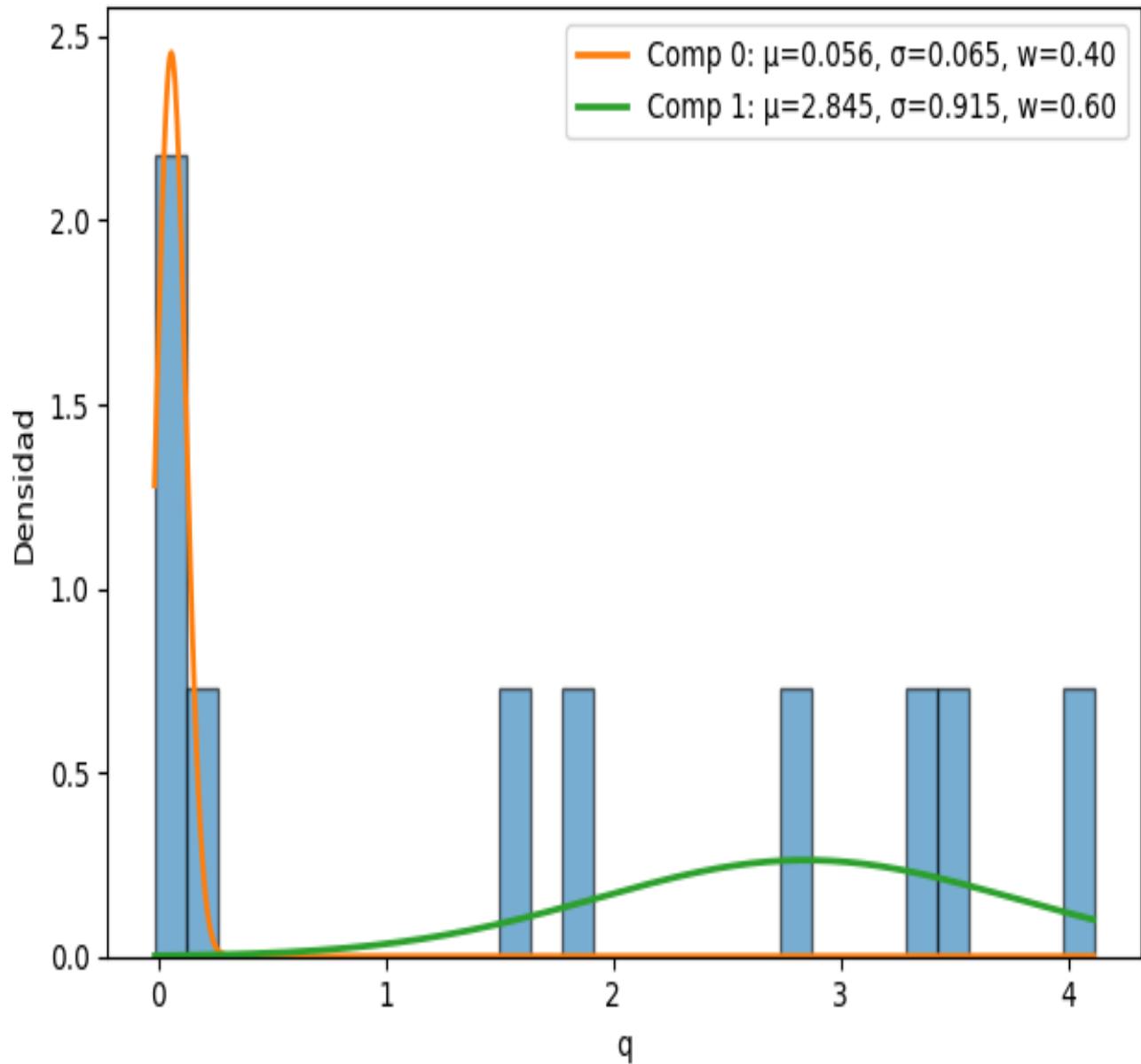
U Means: medias de la componente u estimada para la polarización interestelar.

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 — Estimación ISM Q

Histograma de q con GMM overlay



6. Polarimetría — Estimacion ISM U

Histograma de u con GMM overlay

