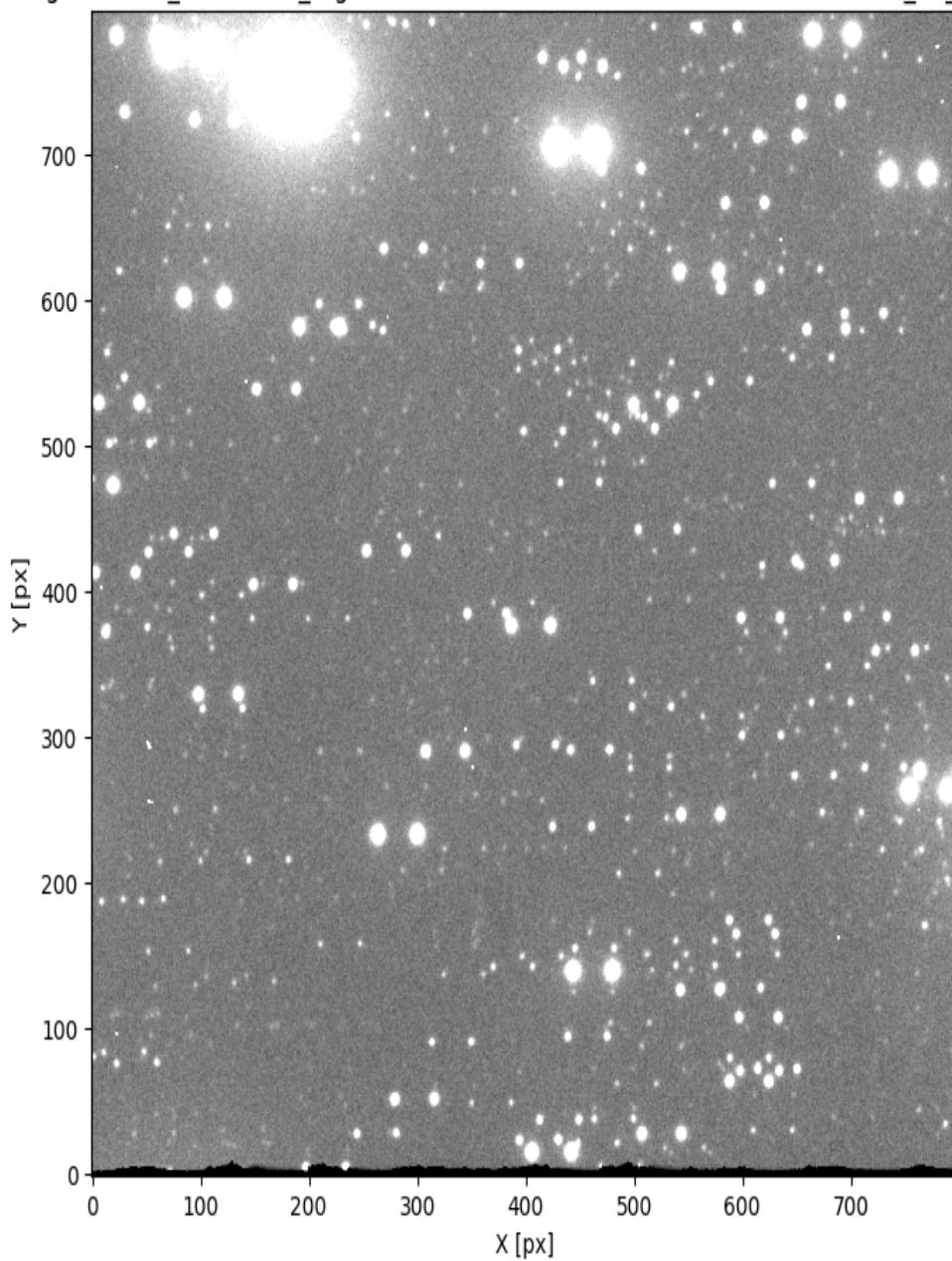
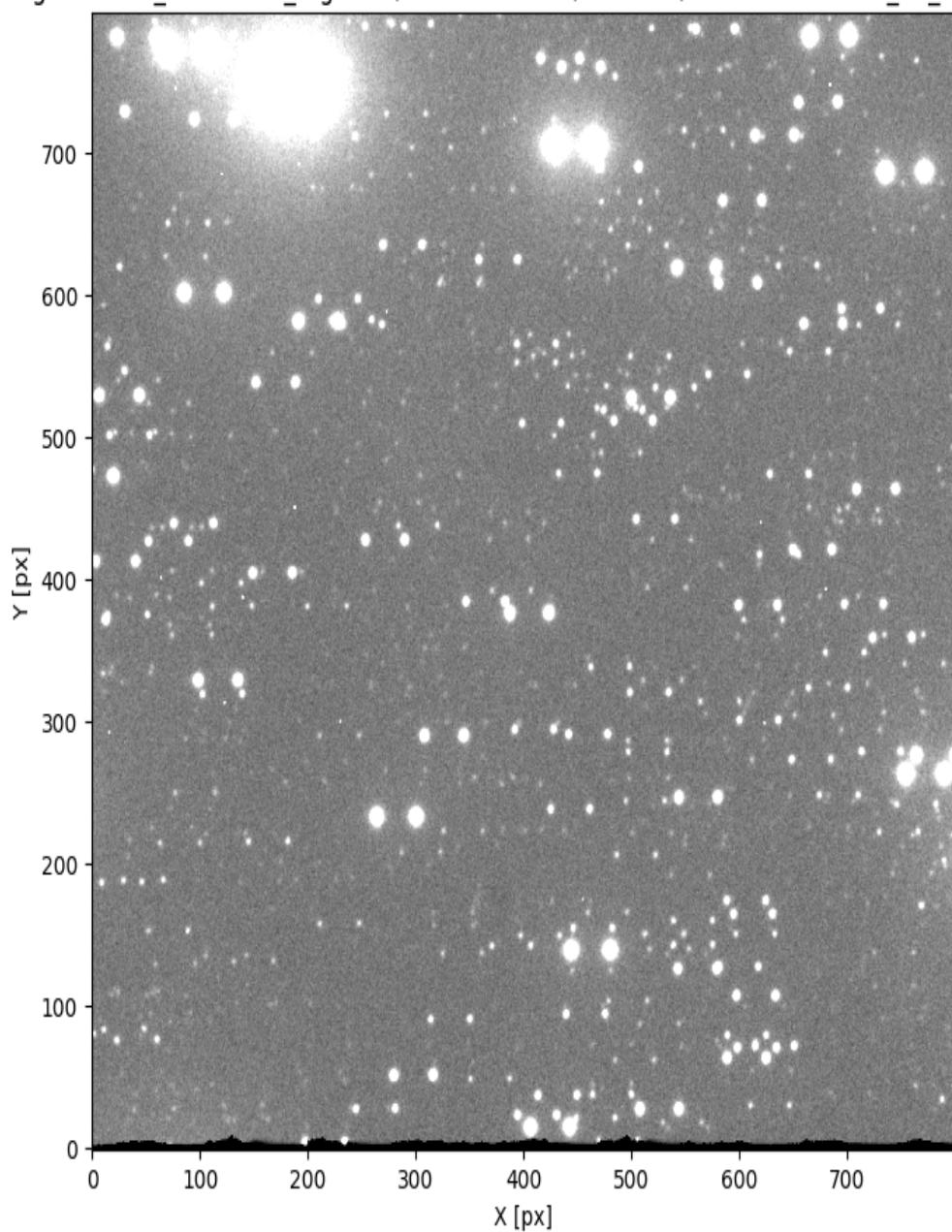


1. Imágenes originales

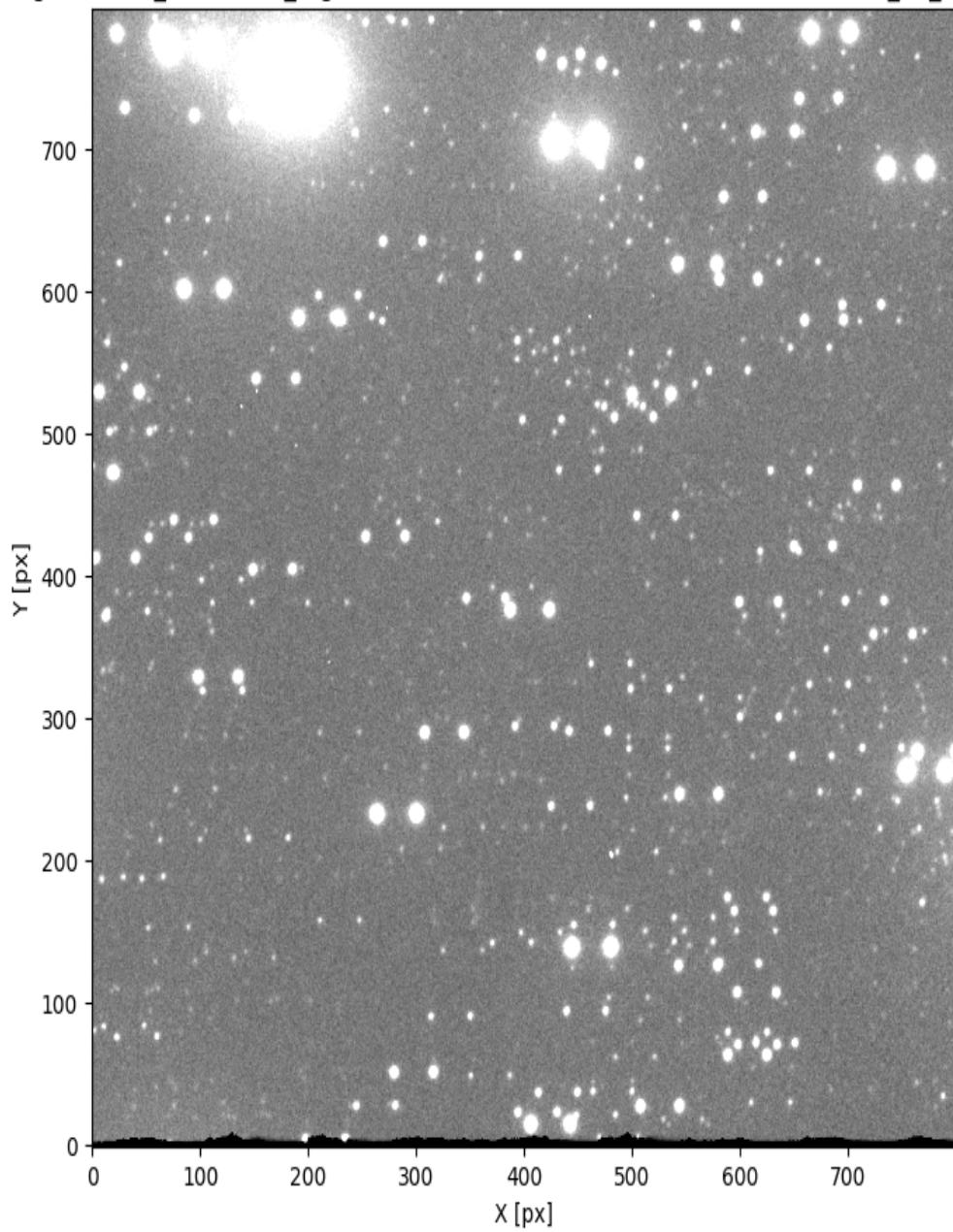
Reference Image noche1_20230720_organize/EXO2030+375/BesselR/caf-20230721-03_37_55-sci-blap_b_f.fits



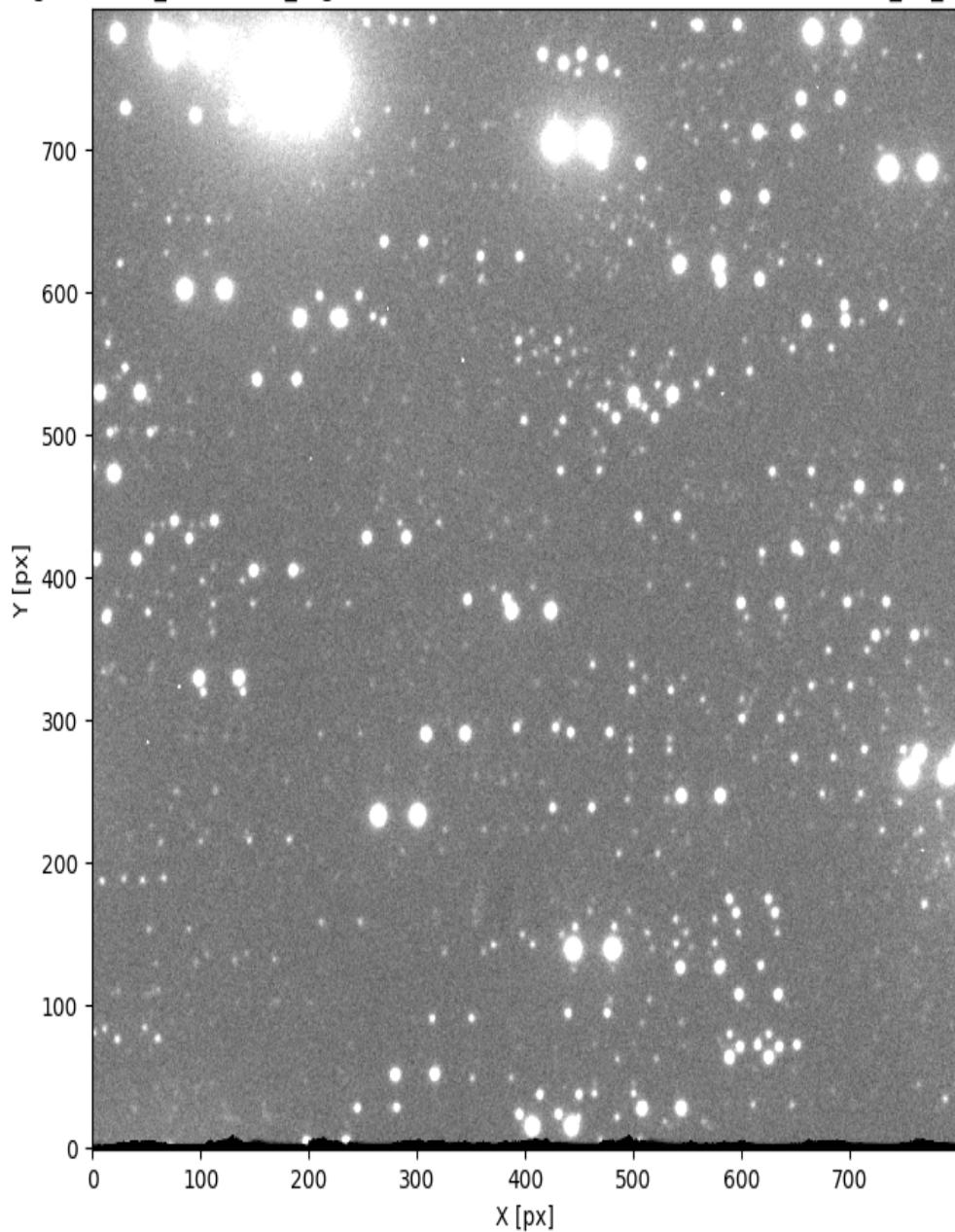
Original Image noche1_20230720_organize/EXO2030+375/BesselR/caf-20230721-03_39_28-sci-blap_b_f.fits



Original Image noche1_20230720_organize/EXO2030+375/BesselR/caf-20230721-03_41_02-sci-blap_b_f.fits

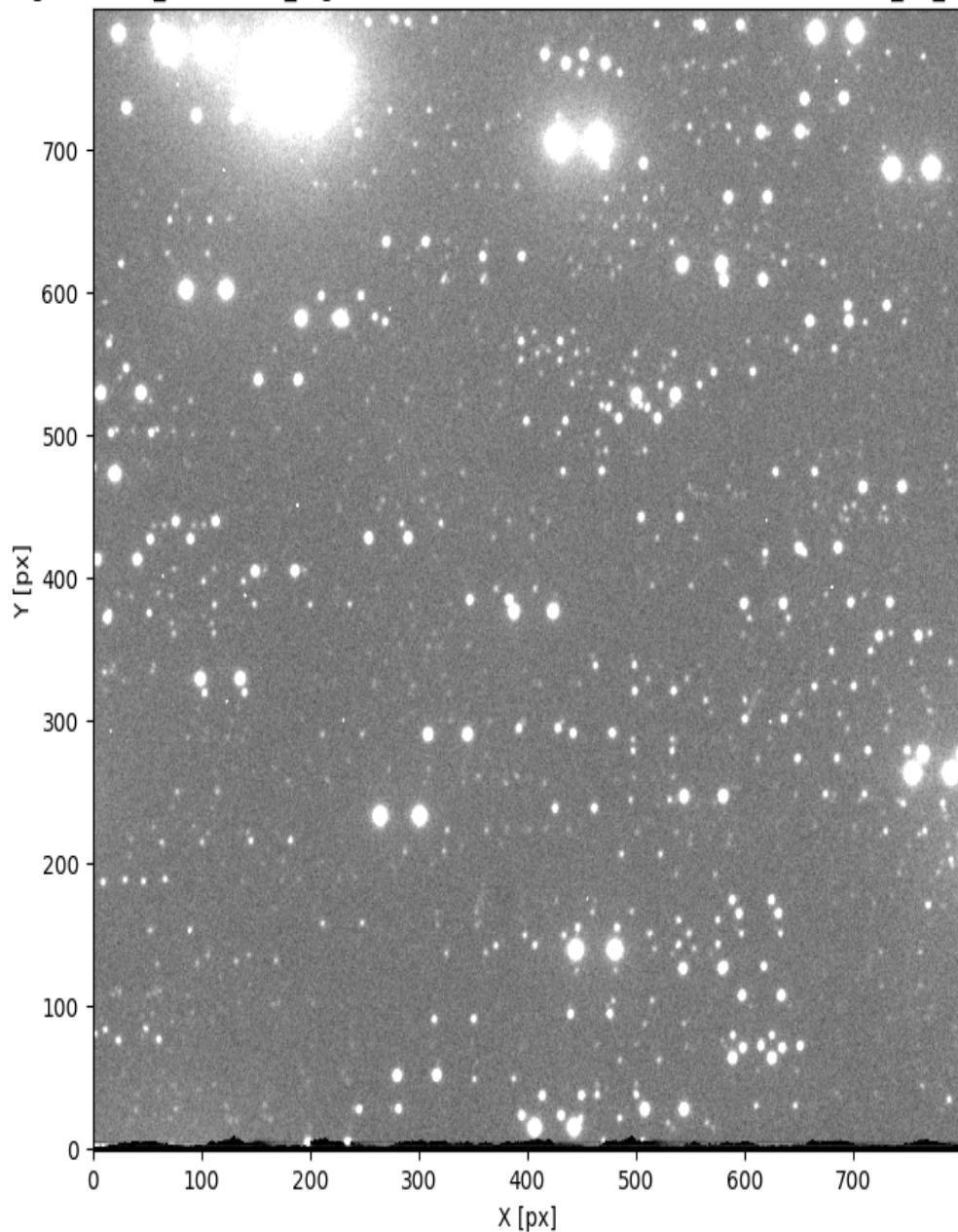


Original Image noche1_20230720_organize/EXO2030+375/BesselR/caf-20230721-03_42_35-sci-blap_b_f.fits

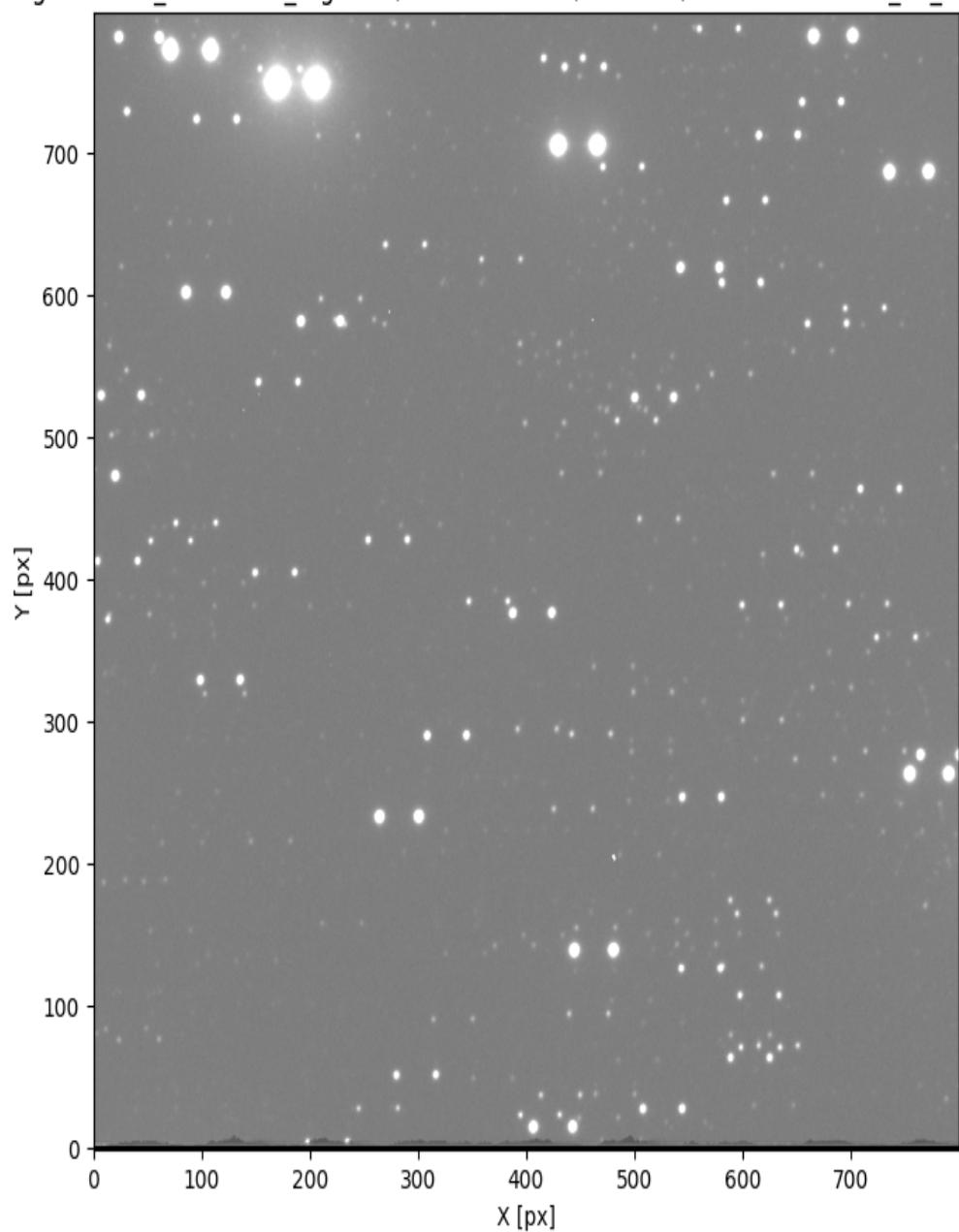


2. Imágenes alineadas

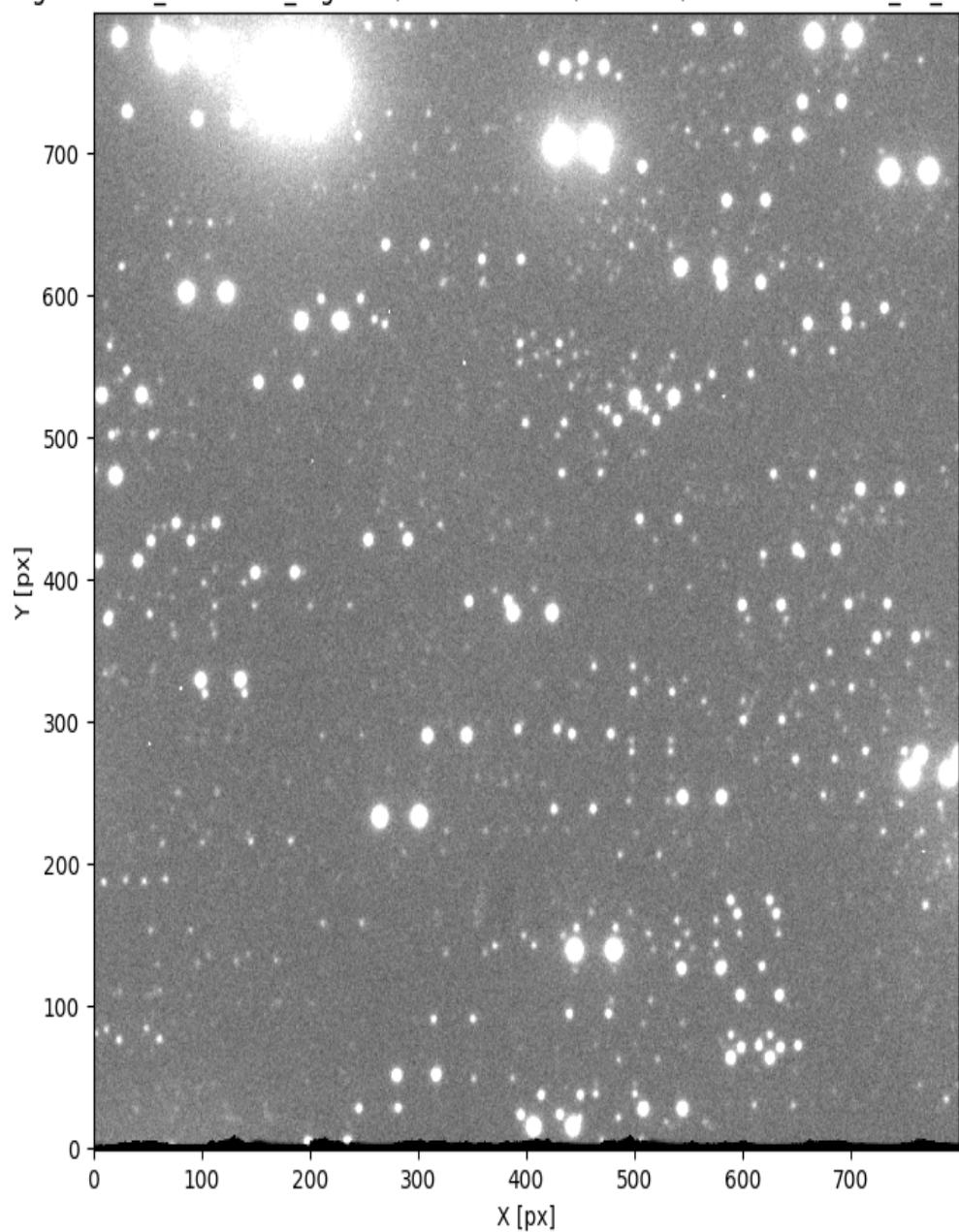
Aligned Image noche1_20230720_organize/EXO2030+375/BesselR/caf-20230721-03_39_28-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/EXO2030+375/BesselR/caf-20230721-03_41_02-sci-blap_b_f.fits

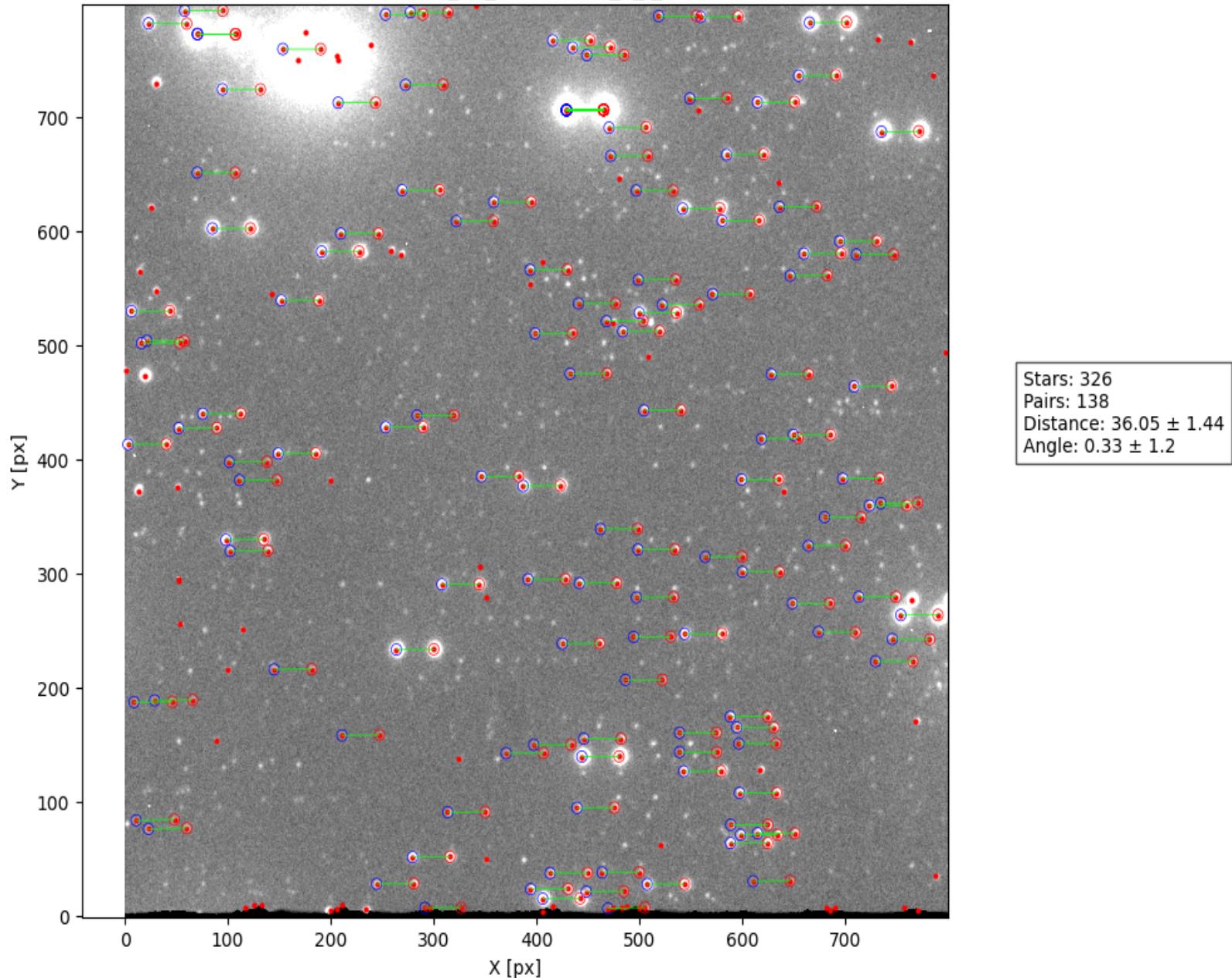


Aligned Image noche1_20230720_organize/EXO2030+375/BesselR/caf-20230721-03_42_35-sci-blap_b_f.fits

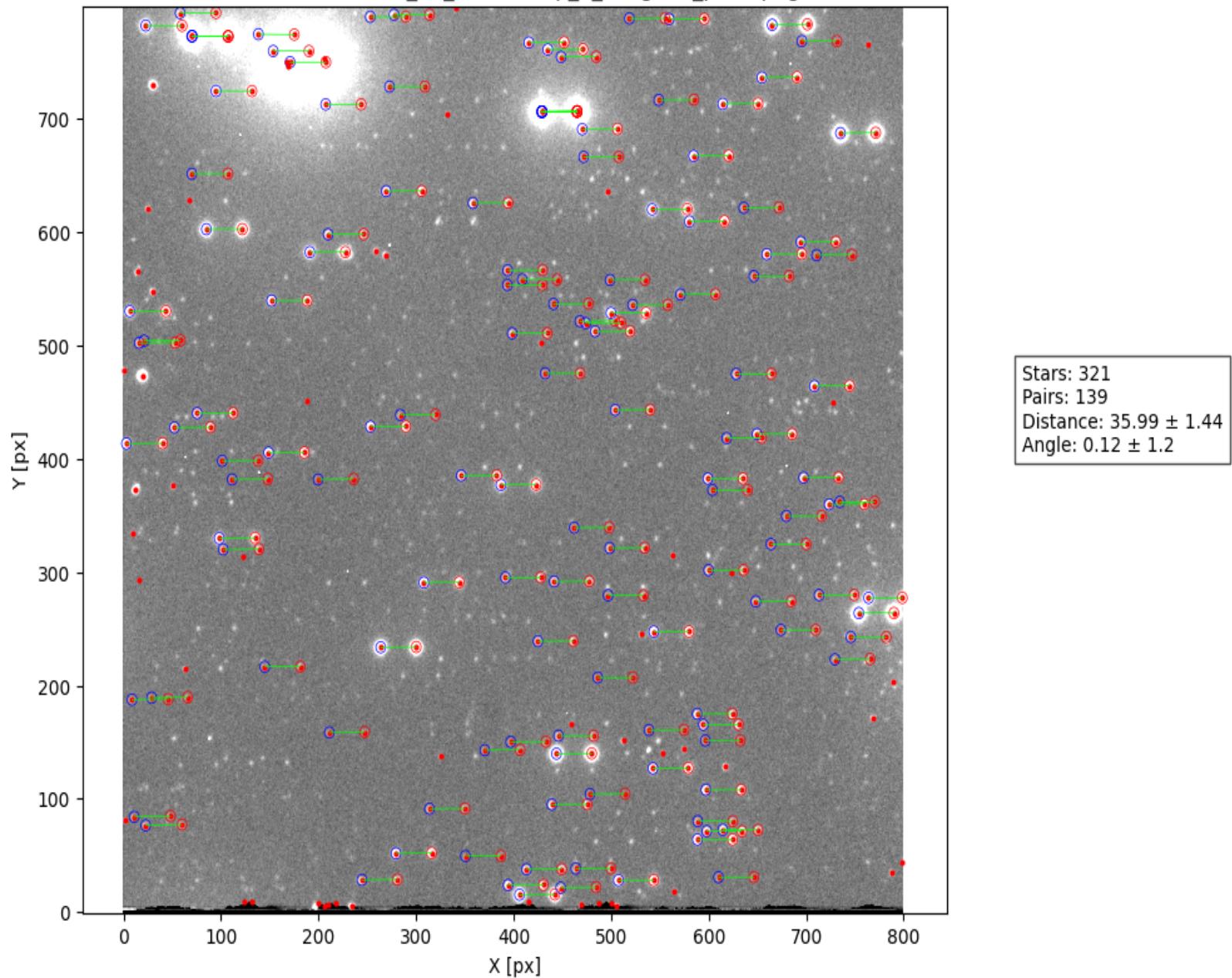


3. Imágenes con pares identificados

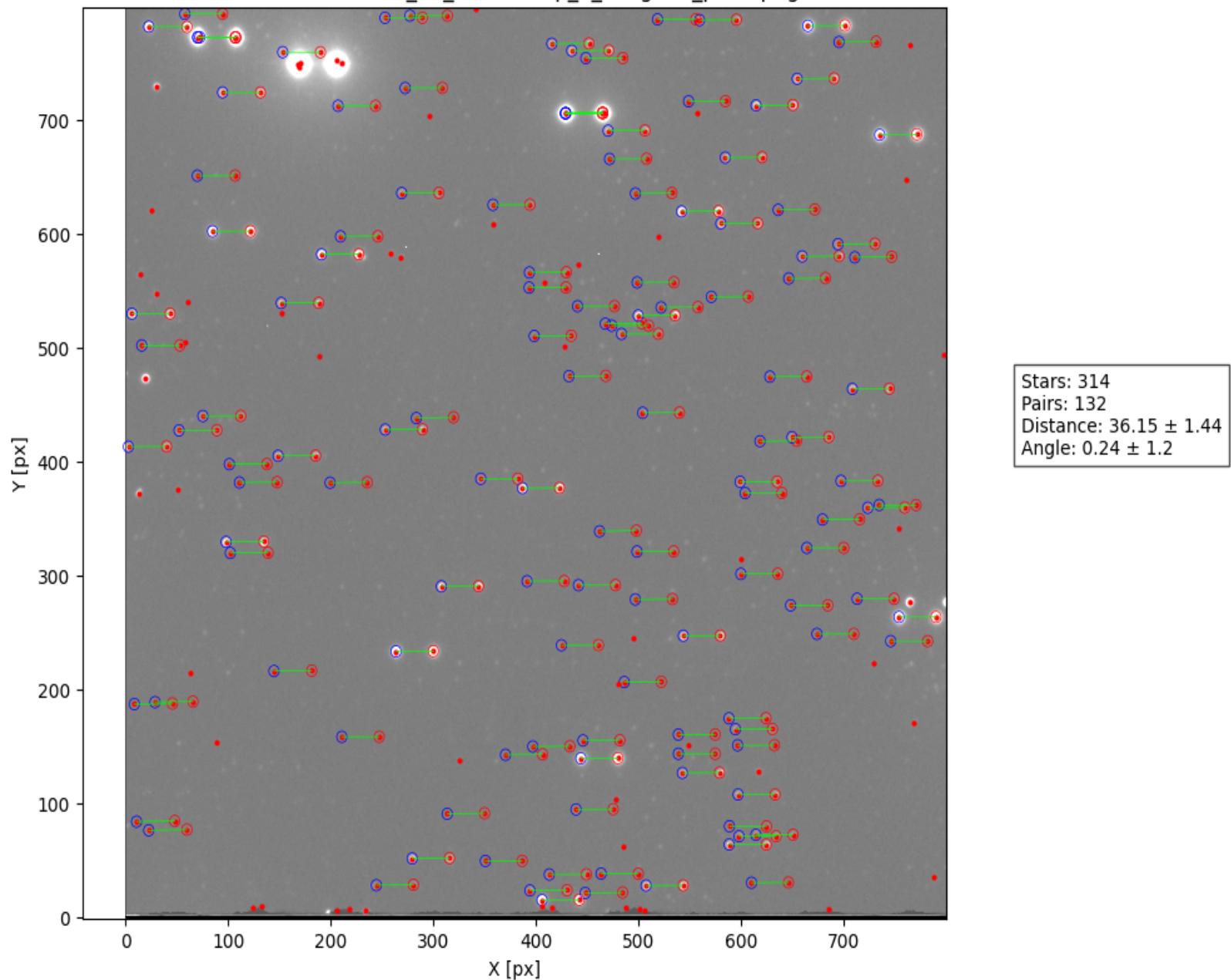
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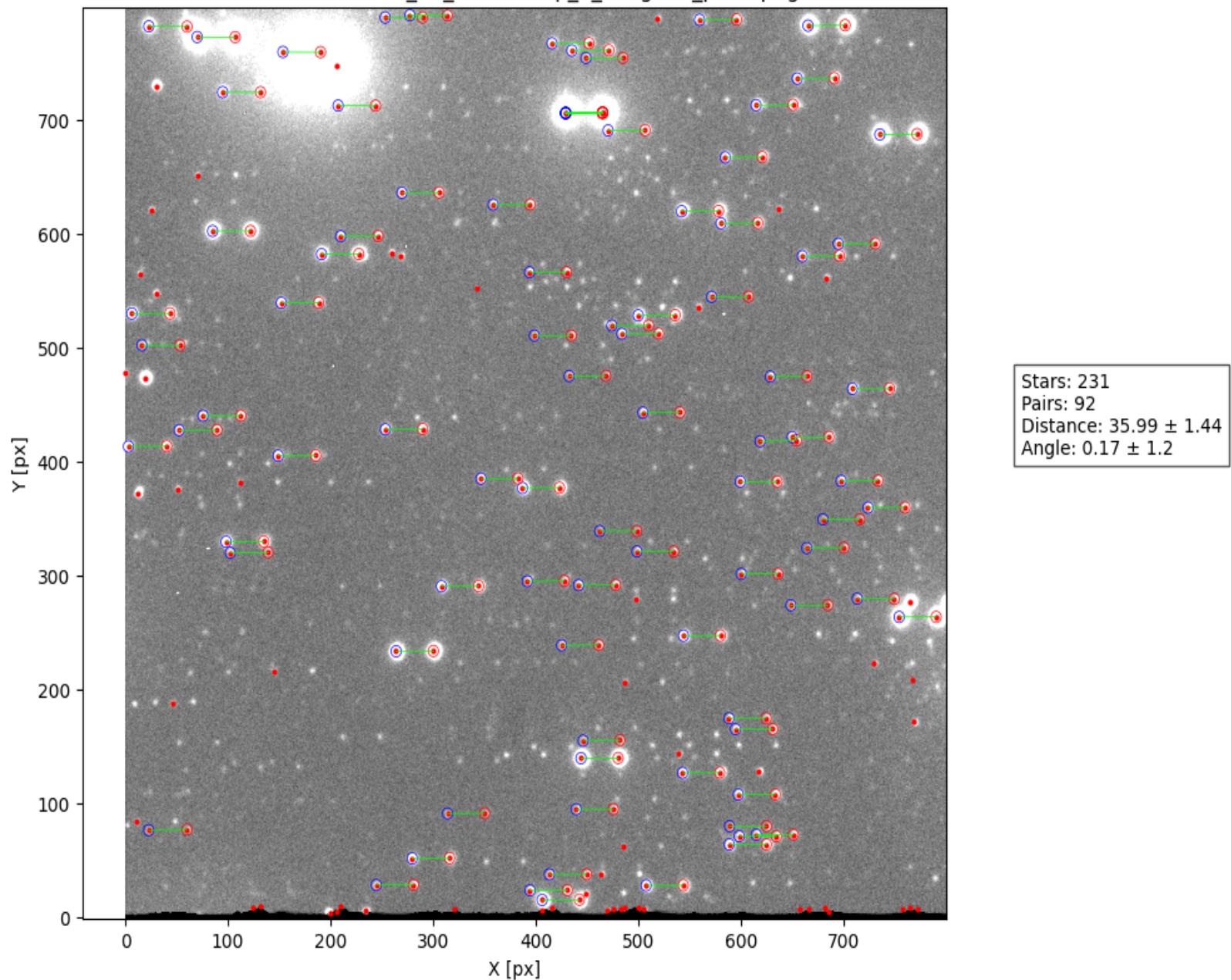
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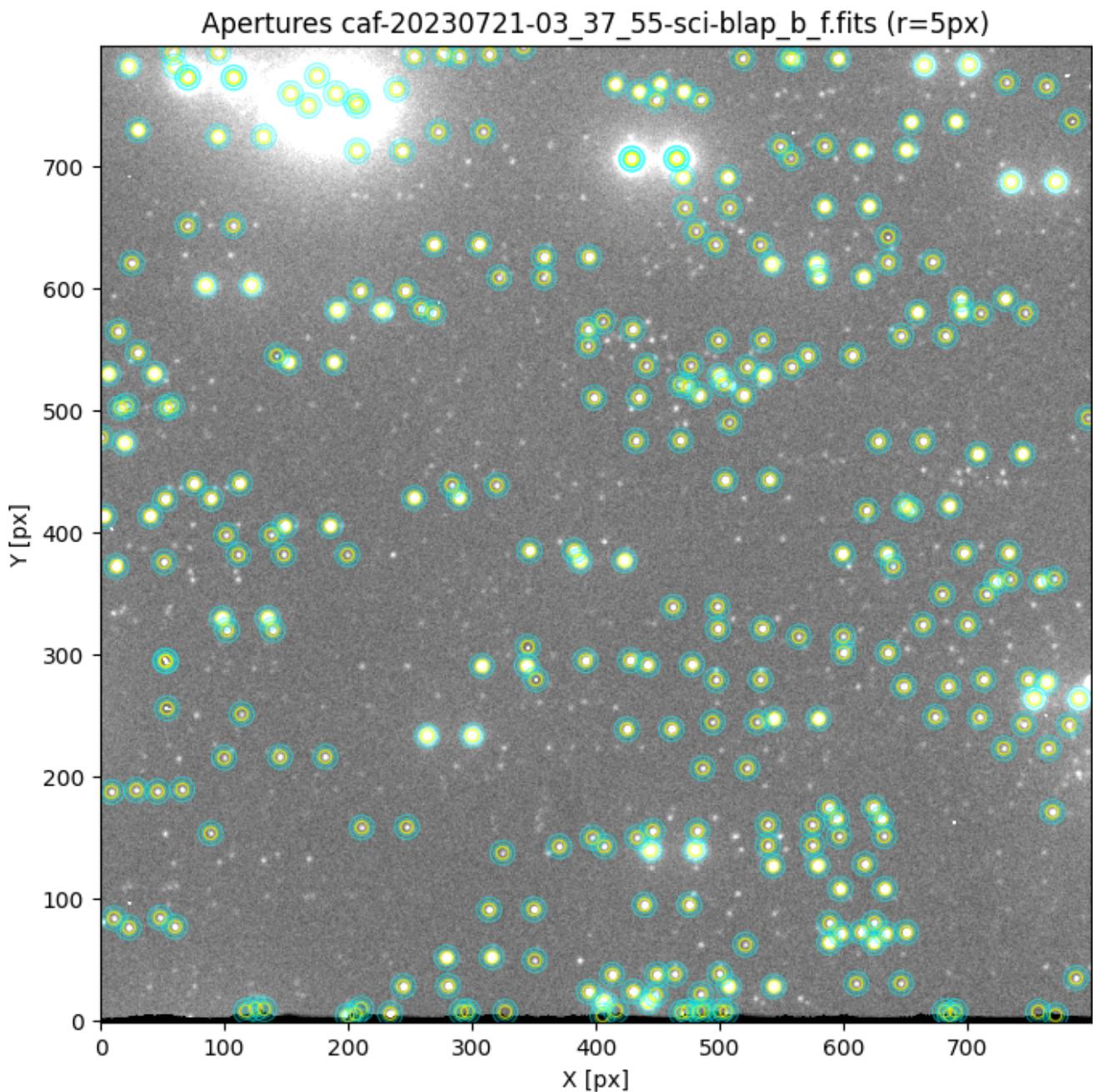
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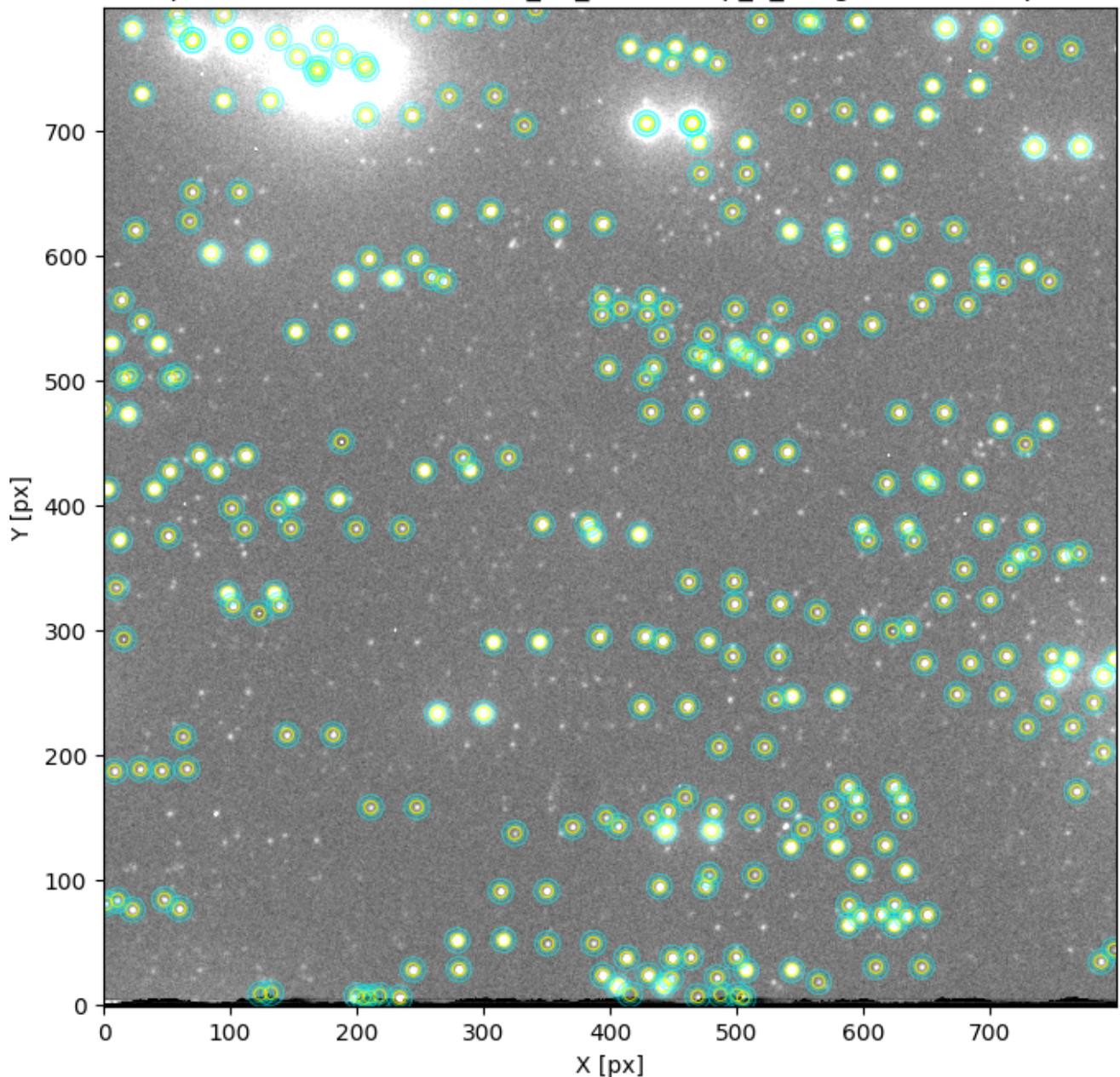
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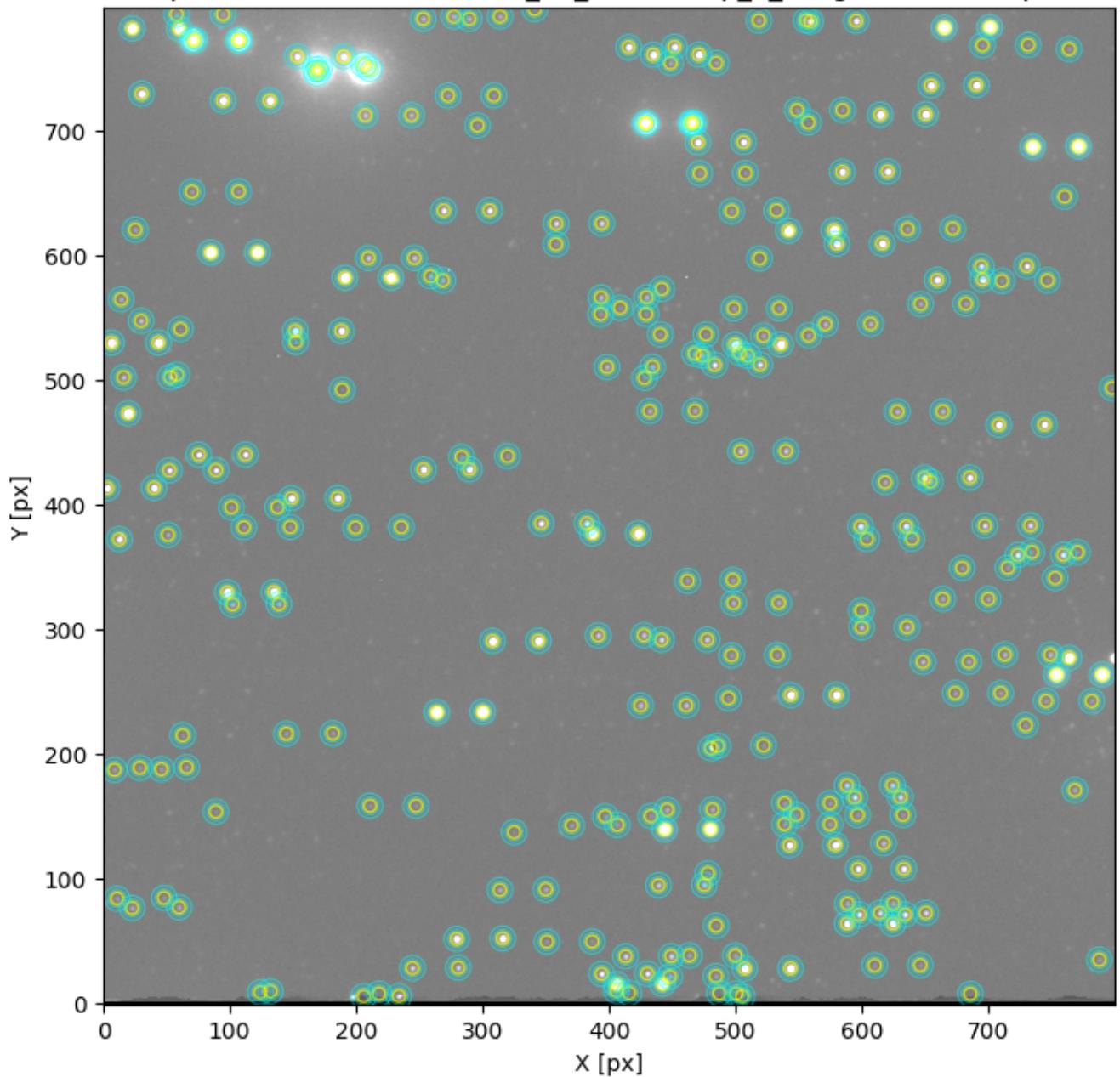
4. Fotometría — Aperturas



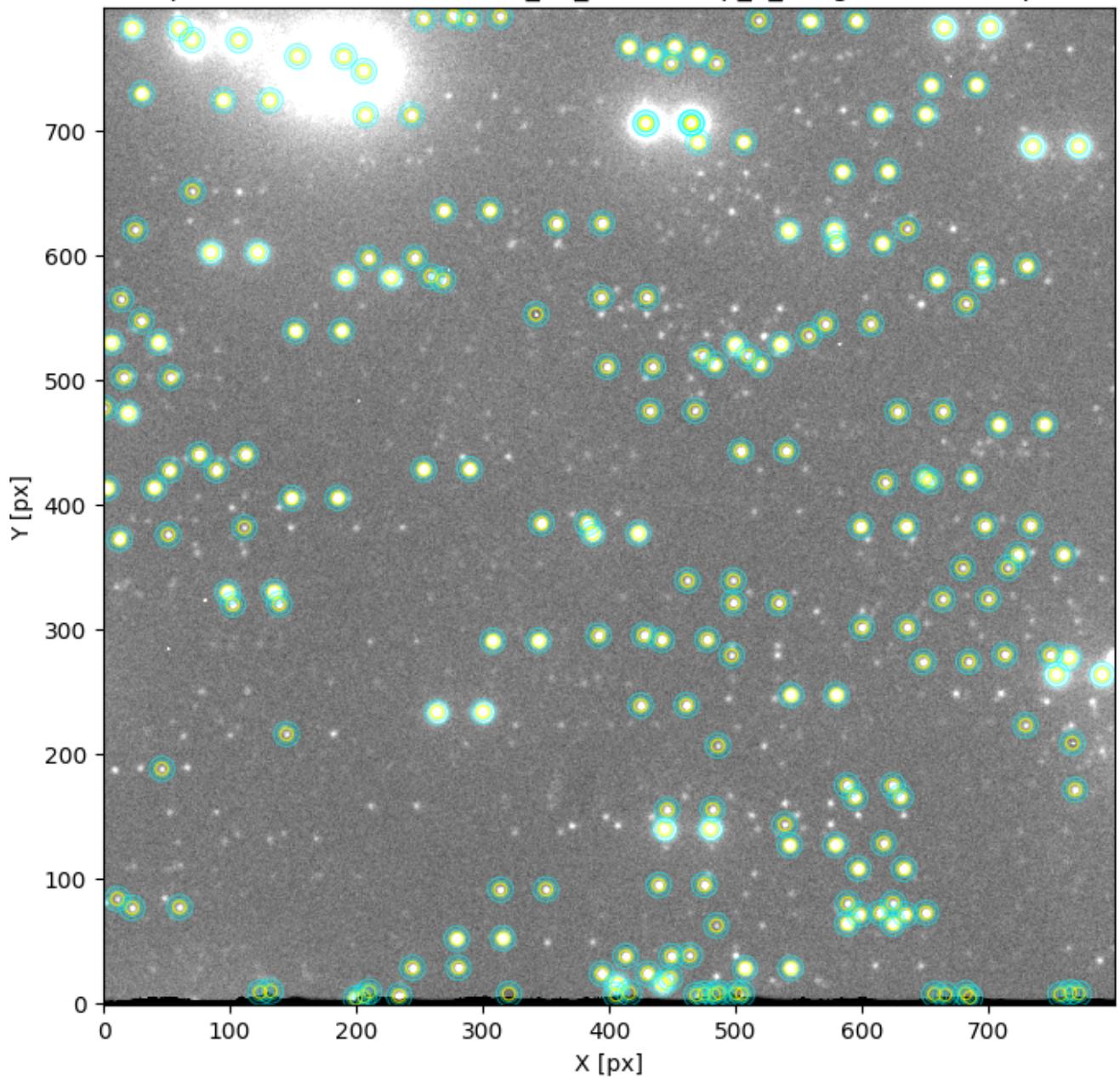
Apertures caf-20230721-03_39_28-sci-blap_b_f-aligned.fits (r=5px)



Apertures caf-20230721-03_41_02-sci-blap_b_f-aligned.fits (r=5px)

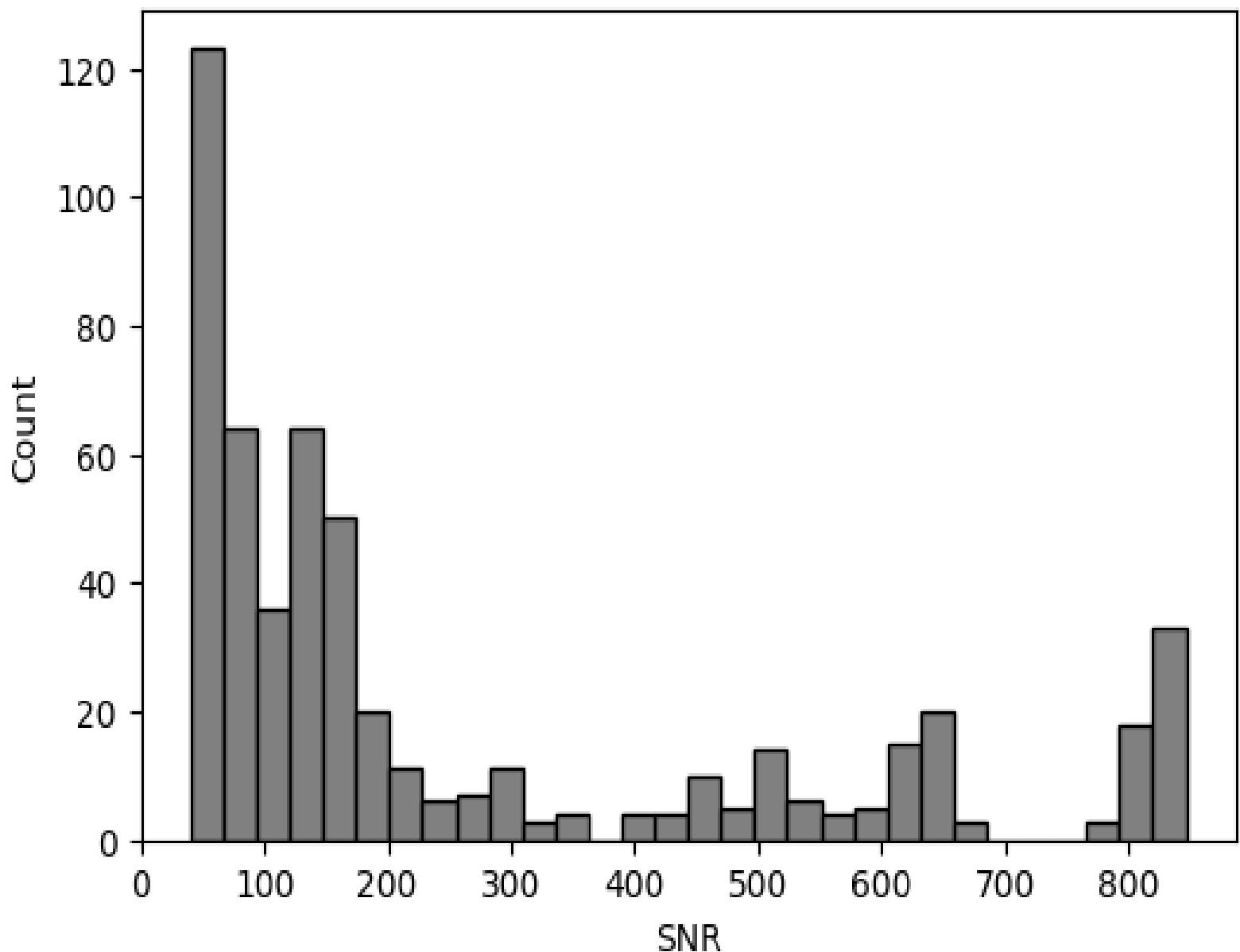


Apertures caf-20230721-03_42_35-sci-blap_b_f-aligned.fits ($r=5\text{px}$)

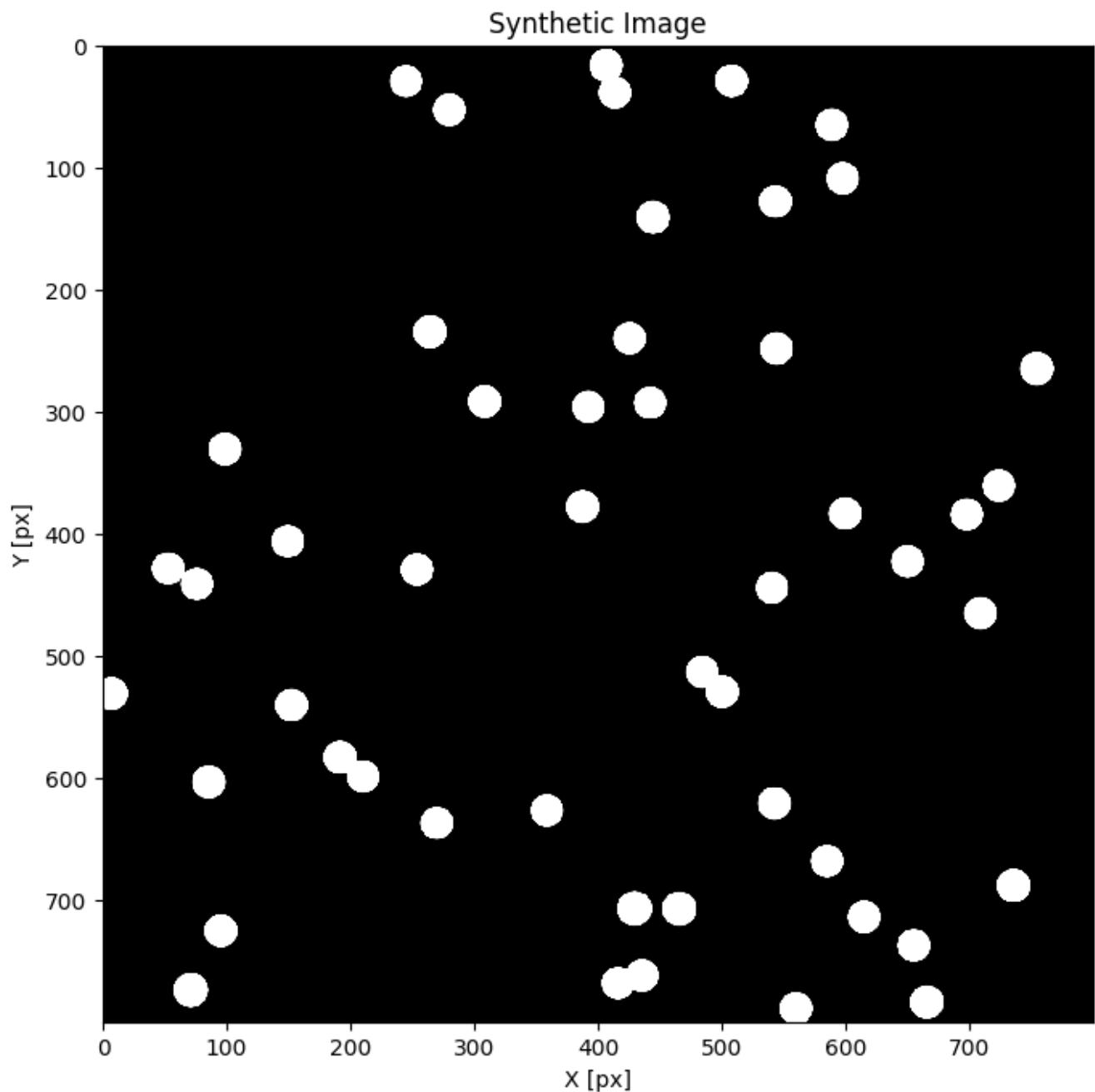


4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



5. Astrometría — Imagen sintética

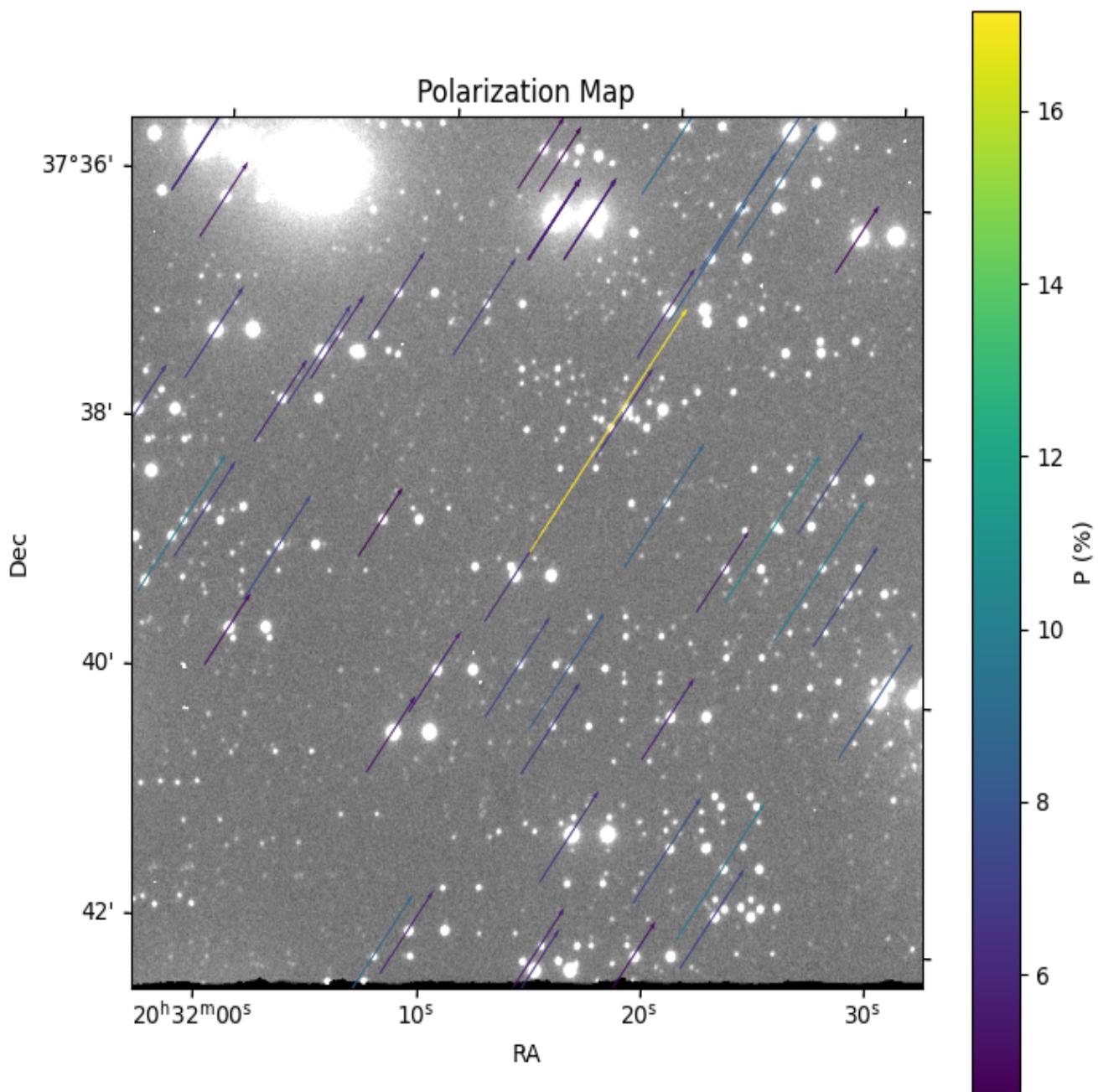


5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
2	308.063081	37.704861	No_ID	
5	308.081655	37.702232	ZTF J203219.63+374207.5	BYDraV*
6	308.033175	37.704198	No_ID	
8	308.064172	37.701539	No_ID	
10	308.039383	37.700507	No_ID	
11	308.096240	37.696379	Gaia DR3 2063803666303405696	EclBin
19	308.097416	37.689911	Gaia DR3 2063803666303405696	EclBin
20	308.087217	37.687559	2MASS J20322097+3741148	LongPeriodV*_Candidate
21	308.068850	37.686435	No_ID	
36	308.034726	37.674128	USNO-B1.0 1276-00508569	Star
37	308.064383	37.672119	No_ID	
40	308.086194	37.669990	No_ID	
42	308.124819	37.665990	No_ID	
46	308.042308	37.665464	ZTF J203207.92+373938.6	EclBin
47	308.066921	37.664295	No_ID	
48	308.057686	37.664180	No_ID	
54	308.003304	37.661378	No_ID	
57	308.118224	37.652230	No_ID	
59	308.056029	37.652280	UCAC2 45062110	Star
61	308.095084	37.649855	No_ID	
62	308.113200	37.648982	No_ID	
65	308.011912	37.649971	No_ID	
68	308.103990	37.643755	No_ID	
69	307.993927	37.647470	No_ID	
70	308.030900	37.645800	No_ID	
72	307.998086	37.645442	No_ID	
73	308.083601	37.641426	USNO-A2.0 1275-13985130	Star
74	308.114439	37.637102	No_ID	
80	308.072516	37.631789	V* V2246 Cyg	HighMassXBin
82	308.075354	37.629306	No_ID	
83	307.984527	37.632876	No_ID	
86	308.011189	37.630383	No_ID	

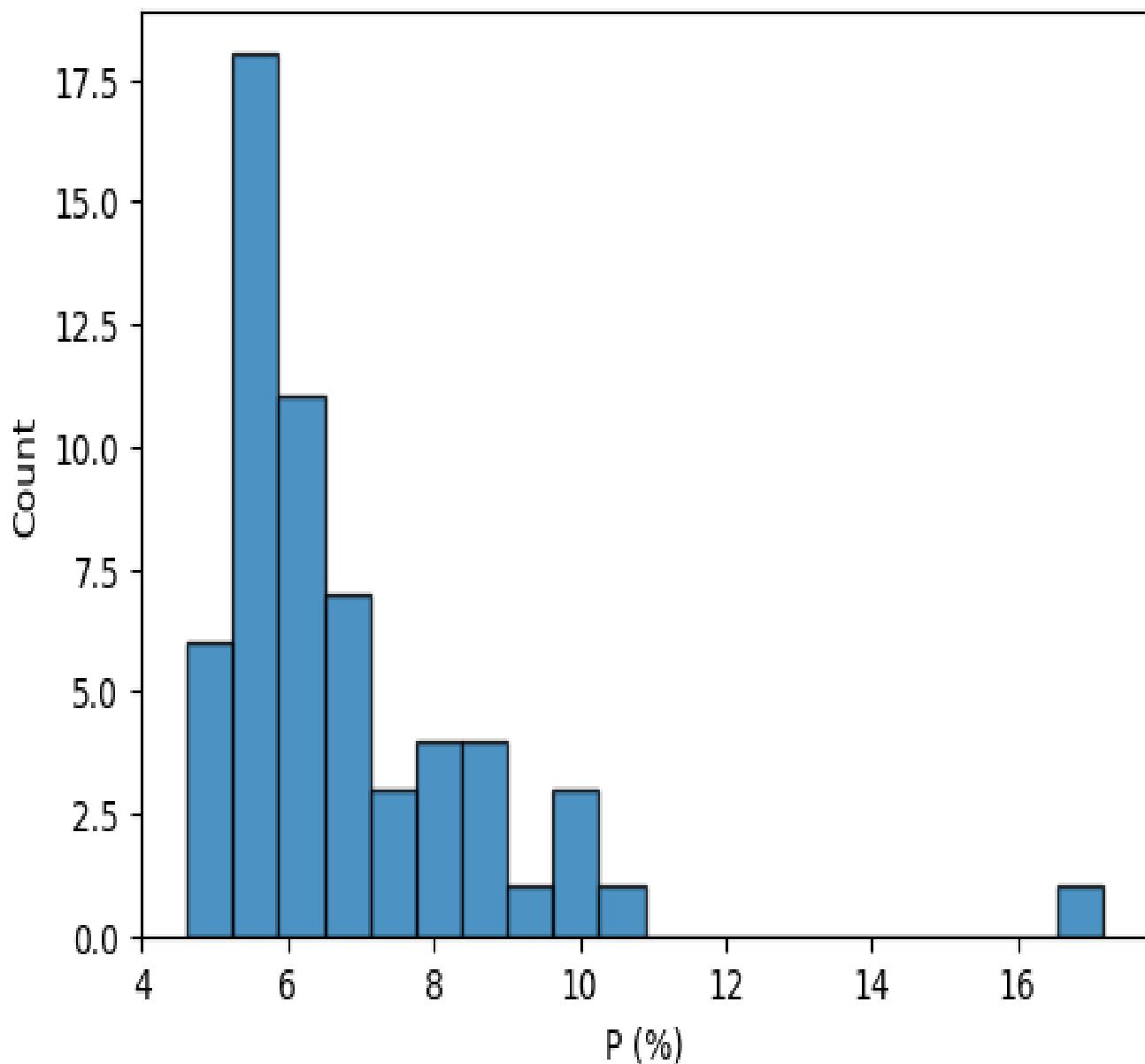
93	308.017993	37.623831	Gaia DR3 2063801505937478656	EclBin
95	308.021258	37.621393	Gaia DR3 2063801505937478656	EclBin
96	307.998290	37.621702	2MASS J20315963+3737177	EmLine*
99	308.082238	37.615640	UCAC2 45062139	Star
101	308.048333	37.616197	No_ID	
102	308.031872	37.615385	[SUH2012] G077.127-01.228	Cluster*_Candidate
106	308.089625	37.608415	IRAS 20304+3725	Infrared
107	308.117190	37.604325	No_ID	
109	308.060606	37.603933	TYC 3153-950-1	Star
110	308.060606	37.603933	TYC 3153-950-1	Star
111	308.060606	37.603933	TYC 3153-950-1	Star
112	308.067253	37.603625	TYC 3153-950-1	Star
113	308.067253	37.603625	TYC 3153-950-1	Star
114	308.060564	37.603902	TYC 3153-950-1	Star
115	308.060564	37.603902	TYC 3153-950-1	Star
116	308.067250	37.603605	TYC 3153-950-1	Star
117	308.060639	37.603923	TYC 3153-950-1	Star
119	308.094702	37.601486	IRAS 20304+3725	Infrared
121	307.998947	37.603834	TYC 3153-6-1	Star
123	308.101874	37.597779	No_ID	
126	308.061192	37.595864	TYC 3153-950-1	Star
127	308.057557	37.595104	TYC 3153-950-1	Star
128	307.994044	37.596959	TYC 3153-6-1	Star
129	307.994044	37.596959	TYC 3153-6-1	Star
130	307.993968	37.596952	TYC 3153-6-1	Star
132	308.103358	37.590905	No_ID	
133	308.083847	37.590982	IRAS 20304+3725	Infrared

6. Polarimetría — Mapa de polarización

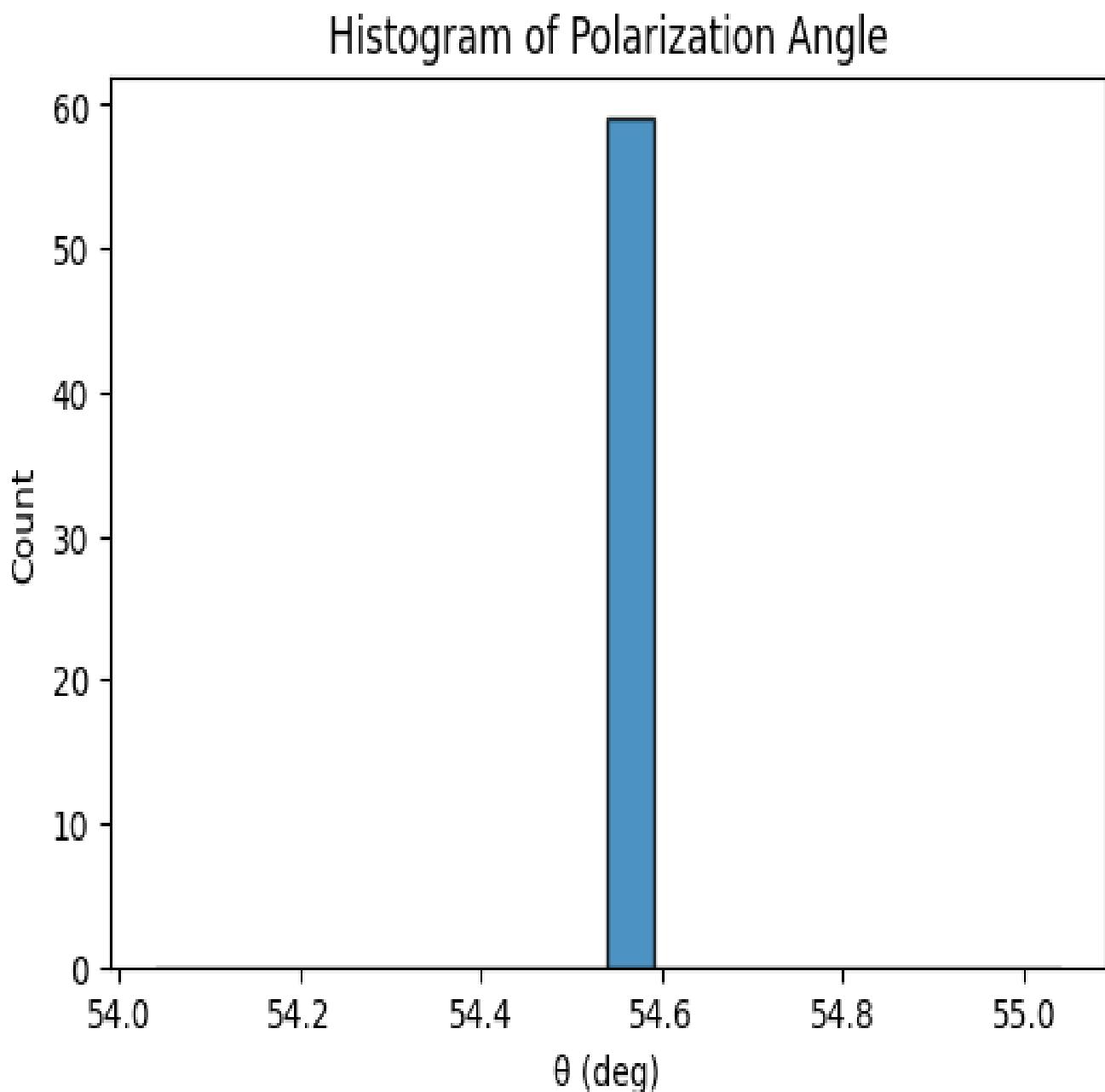


6. Polarimetría — Histograma de P

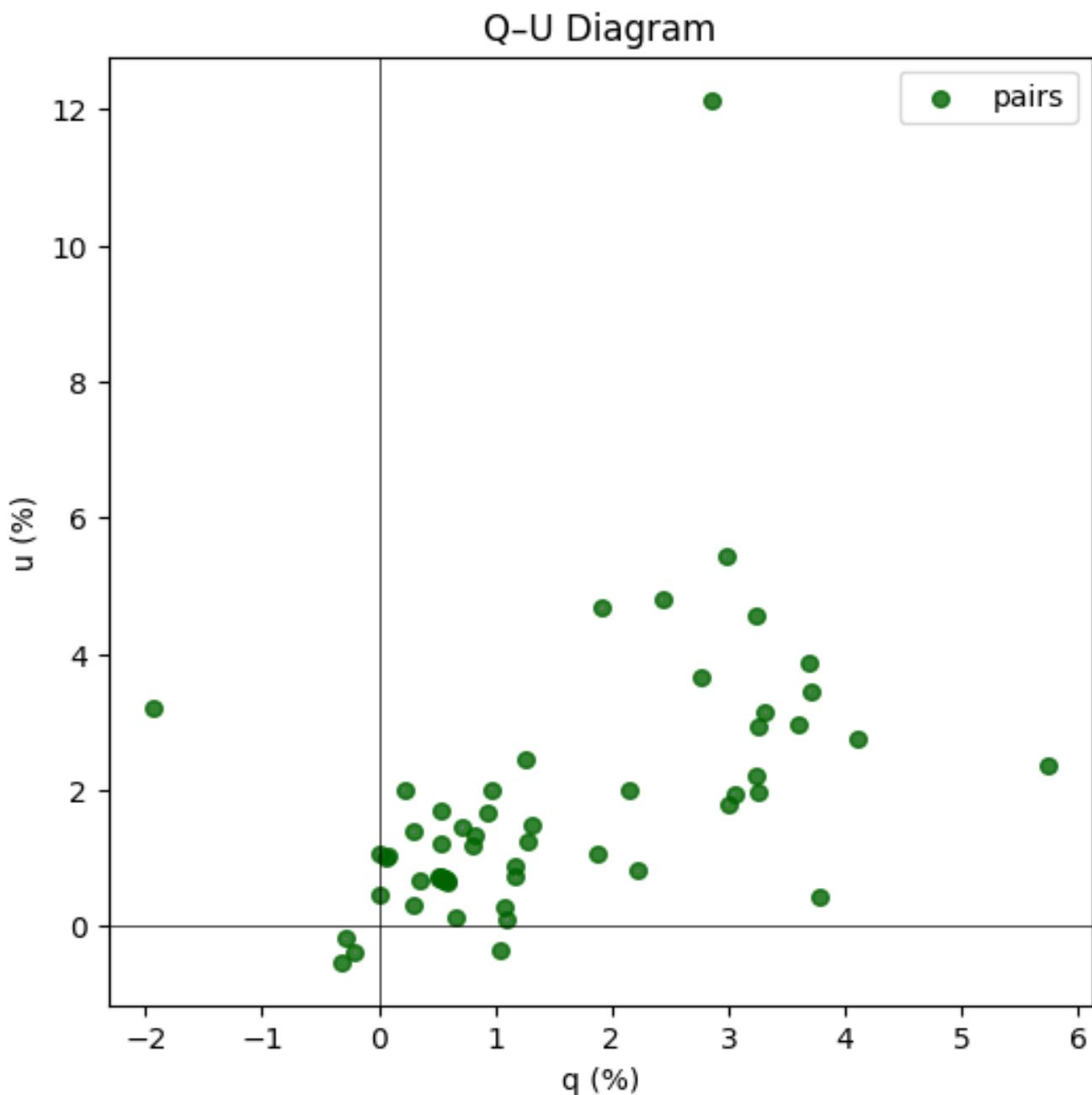
Histogram of Polarization Degree



6. Polarimetría — Histograma de θ



6. Polarimetría — Diagrama Q–U



6. Polarimetría — Estimación Interestelar (ISM)

Comp.	Q mean \pm Q σ	Q weight	U mean \pm U σ	U weight
0	0.555 \pm 0.459	0.7089937324947219	0.637 \pm 0.547	0.7500308674991414
1	2.957 \pm 1.242	0.2910062675052781	2.516 \pm 0.620	0.24996913250085867

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.

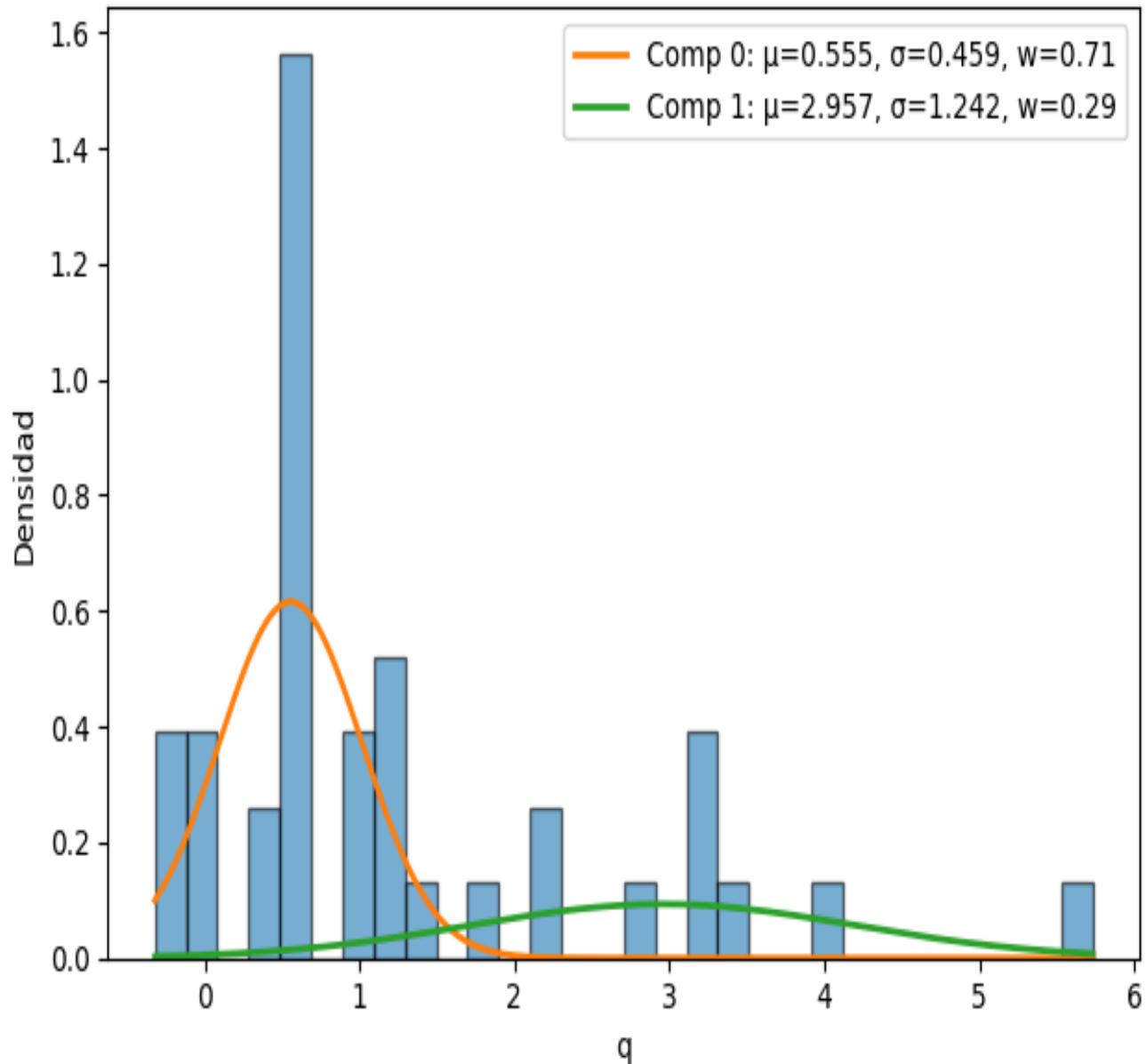
U sigmas: desviaciones estándar (σ) de los componentes gaussianos ajustados a u.

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

