

Table 1 CGA sample

name	rh	rm	rs	dd	dm	ds	D	type	r_maj	r_min	PA	Re	log(LK)	N _H	mid	exp
(1)	h	m	s	d	m	s	Mpc	(5)	arcmin	arcmin	deg	arcmin	log(Lo)	10 ²⁰ cm ⁻²	(12)	ksec
I1262	17	33	2.0	+43	45	34.6	130.0	-5.0	0.60	0.32	80.0	0.20	11.42	2.43	90401	138.8
I1459	22	57	10.6	-36	27	44.0	29.2	-5.0	2.62	1.90	42.5	0.62	11.54	1.17	02196	52.5
I1860	02	49	33.7	-31	11	21.0	93.8	-5.0	0.87	0.60	6.4	0.31	11.57	2.05	10537	36.8
I4296	13	36	39.0	-33	57	57.2	50.8	-5.0	1.69	1.62	45.0	0.80	11.74	4.09	03394	24.3
N0193	00	39	18.6	+03	19	52.0	47.0	-2.5	0.72	0.60	70.0	0.32	10.99	2.79	90201	106.7
N0315	00	57	48.9	+30	21	8.8	69.8	-4.0	1.62	1.02	45.0	0.62	11.84	5.92	90201	55.9
N0383	01	07	24.9	+32	24	45.0	63.4	-3.0	0.79	0.71	25.0	0.34	11.54	5.41	02147	42.9
N0499	01	23	11.5	+33	27	38.0	54.5	-2.5	0.81	0.64	70.0	0.28	11.31	5.21	90401	37.4
N0507	01	23	40.0	+33	15	20.0	63.8	-2.0	1.55	1.55	60.0	0.69	11.62	5.23	90201	60.3
N0533	01	25	31.4	+01	45	32.8	76.9	-5.0	1.90	1.17	47.5	0.72	11.73	3.07	02880	35.3
N0720	01	53	0.5	-13	44	19.2	27.7	-5.0	2.34	1.20	140.0	0.60	11.31	1.58	90401	92.4
N0741	01	56	21.0	+05	37	44.0	70.9	-5.0	1.48	1.44	90.0	0.64	11.72	4.44	02223	29.1
N1052	02	41	4.8	-08	15	20.8	19.4	-5.0	1.51	1.04	120.0	0.56	10.93	3.07	05910	57.2
N1132	02	52	51.8	-01	16	28.8	95.0	-4.5	1.26	0.67	150.0	0.56	11.58	5.19	90201	38.3
N1316	03	22	41.7	-37	12	29.6	21.5	-2.0	6.01	4.26	47.5	1.22	11.76	2.13	02022	23.6
N1332	03	26	17.3	-21	20	7.3	22.9	-3.0	2.34	0.72	112.5	0.46	11.23	2.30	90201	53.7
N1380	03	36	27.9	-34	58	32.9	17.6	-2.0	2.39	1.15	7.0	0.63	11.08	1.42	09526	37.0
N1387	03	36	57.1	-35	30	23.9	20.3	-3.0	1.41	1.41	110.0	0.59	10.98	14.50	04168	45.4
N1395	03	38	29.8	-23	01	39.7	24.1	-5.0	2.94	2.23	92.5	0.78	11.34	1.94	00799	16.4
N1399	03	38	29.1	-35	27	2.7	19.9	-5.0	3.46	3.23	150.0	0.81	11.41	1.49	90602	206.8
N1400	03	39	30.8	-18	41	17.0	26.4	-3.0	1.15	1.00	94.0	0.38	11.05	5.17	90202	54.6
N1404	03	38	51.9	-35	35	39.8	21.0	-5.0	1.66	1.48	162.5	0.45	11.25	1.51	91101	486.3
N1407	03	40	11.9	-18	34	48.4	28.8	-5.0	2.29	2.13	60.0	1.06	11.57	5.42	00791	41.9
N1550	04	19	37.9	+02	24	35.7	51.1	-3.2	1.12	0.97	30.0	0.43	11.24	11.25	90401	106.8
N1553	04	16	10.5	-55	46	48.5	18.5	-2.0	2.23	1.41	150.0	0.95	11.36	1.49	00783	16.6
N1600	04	31	39.9	-05	05	10.0	57.4	-5.0	1.23	0.83	5.0	0.81	11.63	4.86	90201	48.7
N1700	04	56	56.3	-04	51	56.7	44.3	-5.0	1.66	1.04	85.0	0.30	11.39	4.76	02069	29.5
N2300	07	32	20.0	+85	42	34.2	30.4	-2.0	1.41	1.02	108.0	0.55	11.25	5.49	90201	65.7
N2563	08	20	35.7	+21	04	4.0	67.8	-2.0	1.04	0.76	70.0	0.32	11.39	4.25	07925	48.1
N3115	10	05	14.0	-07	43	6.9	9.7	-3.0	3.62	1.23	45.0	0.57	10.95	4.61	91101	1088.5
N3379	10	47	49.6	+12	34	53.9	10.6	-5.0	2.69	2.39	67.5	0.78	10.87	2.78	90501	325.2
N3402	10	50	26.1	-12	50	42.3	64.9	-4.0	1.04	1.04	170.0	0.47	11.39	4.50	03243	28.0
N3607	11	16	54.6	+18	03	7.0	22.8	-2.0	2.45	1.23	125.0	0.76	11.25	1.48	02073	38.5
N3608	11	16	59.0	+18	08	55.3	22.9	-5.0	1.58	1.29	80.0	0.49	10.81	1.48	02073	37.7
N3842	11	44	2.1	+19	56	59.0	97.0	-5.0	0.71	0.51	175.0	0.63	11.67	2.27	04189	42.4
N3923	11	51	1.8	-28	48	22.0	22.9	-5.0	2.94	1.95	47.5	0.88	11.45	6.30	90201	94.5
N4104	12	06	39.0	+28	10	27.1	120.0	-2.0	1.29	0.77	35.0	0.57	11.89	1.67	06939	33.8
N4125	12	08	6.0	+65	10	26.9	23.9	-5.0	2.88	1.58	82.5	0.85	11.35	1.82	02071	60.6
N4261	12	19	23.2	+05	49	30.8	31.6	-5.0	2.04	1.82	172.5	0.75	11.43	1.58	90201	130.3
N4278	12	20	6.8	+29	16	50.7	16.1	-5.0	2.04	1.90	27.5	0.56	10.87	1.76	90901	557.6
N4291	12	20	17.8	+75	22	14.8	26.2	-5.0	0.95	0.79	110.0	0.27	10.80	2.88	11778	28.2
N4325	12	23	6.7	+10	37	16.0	110.0	0.0	0.48	0.32	175.0	0.33	11.29	2.14	03232	28.0
N4342	12	23	39.0	+07	03	14.4	16.5	-3.0	0.64	0.30	165.0	0.10	10.16	1.60	90201	74.4
N4374	12	25	3.7	+12	53	13.1	18.4	-5.0	3.23	2.81	122.5	1.02	11.37	2.78	90301	112.4
N4382	12	25	24.1	+18	11	27.9	18.4	-1.0	3.54	2.75	12.5	1.38	11.41	2.50	02016	38.2
N4406	12	26	11.7	+12	56	46.0	17.1	-5.0	4.46	2.88	125.0	2.07	11.36	2.69	90202	22.0
N4438	12	27	45.6	+13	00	31.8	18.0	0.0	4.26	1.58	20.5	0.95	10.94	2.60	90201	25.0
N4472	12	29	46.8	+08	00	1.7	16.3	-5.0	5.12	4.16	162.5	1.74	11.60	1.62	90501	362.5
N4477	12	30	2.2	+13	38	11.8	16.5	-2.0	1.90	1.73	40.0	0.73	10.83	2.65	90401	117.4
N4526	12	34	3.0	+07	41	56.9	16.9	-2.0	3.62	1.20	113.0	0.68	11.20	1.63	03925	36.1
N4552	12	35	39.8	+12	33	22.8	15.3	-5.0	2.56	2.34	150.0	0.68	11.01	2.56	90401	197.0
N4555	12	35	41.2	+26	31	23.0	91.5	-5.0	0.95	0.81	120.0	0.50	11.59	1.33	02884	26.4
N4594	12	39	59.4	-11	37	23.0	9.8	1.0	4.35	1.77	87.5	1.19	11.33	3.67	90301	186.7
N4636	12	42	49.9	+02	41	16.0	14.7	-5.0	3.01	2.34	142.5	1.56	11.10	1.82	90401	191.1
N4649	12	43	40.0	+11	33	9.7	16.8	-5.0	3.71	3.01	107.5	1.28	11.49	2.13	90601	284.2
N4782	12	54	35.7	-12	34	7.1	60.0	-5.0	0.89	0.85	5.0	0.25	11.79	3.58	03220	48.3
N5044	13	15	24.0	-16	23	7.9	31.2	-5.0	1.48	1.48	10.0	0.42	11.24	4.94	90201	102.1
N5129	13	24	10.0	+13	58	36.0	103.0	-5.0	0.85	0.71	5.0	0.48	11.66	1.76	90201	43.2
N5171	13	29	21.5	+11	44	6.0	100.0	-3.0	0.55	0.41	0.0	0.43	11.32	1.94	03216	34.4
N5813	15	01	11.3	+01	42	7.1	32.2	-5.0	2.08	1.51	130.0	0.89	11.38	4.25	90901	616.8
N5846	15	06	29.3	+01	36	20.2	24.9	-5.0	2.04	1.90	27.5	0.99	11.34	4.24	90201	109.4
N5866	15	06	29.5	+55	45	47.6	15.3	-1.0	2.34	0.97	123.0	0.64	10.96	1.47	02879	30.7

N6107	16	17	20.1	+34	54	5.0	127.9	-5.0	0.43	0.33	27.5	0.44	11.79	1.49	08180	18.7
N6338	17	15	23.0	+57	24	40.0	123.0	-2.0	0.76	0.51	15.0	0.48	11.75	2.60	04194	46.6
N6482	17	51	48.8	+23	04	19.0	58.4	-5.0	1.00	0.85	65.0	0.37	11.52	7.77	03218	16.4
N6861	20	07	19.4	-48	22	11.5	28.1	-3.0	1.41	0.91	140.0	0.38	11.14	5.01	90201	110.1
N6868	20	09	54.1	-48	22	46.0	26.8	-5.0	1.77	1.41	80.0	0.50	11.26	4.96	90201	94.5
N7618	23	19	47.2	+42	51	9.5	74.0	-5.0	0.60	0.50	10.0	0.36	11.46	11.93	90301	75.2
N7619	23	20	14.5	+08	12	22.5	53.0	-5.0	1.26	1.15	40.0	0.57	11.57	5.04	90201	55.0
N7626	23	20	42.5	+08	13	1.0	56.0	-5.0	1.32	1.17	10.0	0.74	11.62	5.05	02074	26.2

Column 1. Galaxy name (NGC or IC name)

Column 2-3. RA and DEC (J2000) from 2MASS via NED¹

Column 4. Distance in Mpc, primarily taken from Tonry et al. (2001), Cappellari et al. (2011) and Tully et al. (2013). If not listed in the above references, we take a mean value from NED.

Column 5. Type taken from RC3²

Column 6-7. Semi-major and semi-minor axis of the D₂₅ ellipse in arcmin taken from RC3

Column 8. Position angle of the D₂₅ ellipse from 2MASS via NED, measured eastward from the north

Column 9. Effective radius in arcmin taken from RC3

Column 10. K-band luminosity from 2MASS via NED (assuming M_K(sun) = 3.28 mag)

Column 11. Galactic line of sight column Hydrogen density in unit of 10²⁰ cm⁻² by colden³

Column 12. The Chandra merge id (mid in short - see Table 3).

Column 13. The total effective exposure in ksec (see Table 2 for the exposure for individual obsid).

¹ <http://ned.ipac.caltech.edu>

² Third Reference Catalogue of Bright Galaxies (RC3) de Vaucouleurs G., et al. 1991

³ <http://asc.harvard.edu/toolkit/colden.jsp>