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ASTRONOMY AND ASTROPHYSICS

The "angular size - redshift" relation for compact radio structures in quasars and radio galaxies *

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* Table 1 is available in electronic form at the CDS via anonymous ftp to `cdsarc.u-strasbg.fr (130.79.128.5)` or via `http://cdsweb.u-strasbg.fr/Abstract.html`

Table 1. The sample of sources for $\theta - z$ studies. This table is available in electronic form at the CDS via anonymous ftp to `cdsarc.u-strasbg.fr (130.79.128.5)` or via `http://cdsweb.u-strasbg.fr/Abstract.html`

Source	Name	z	ID[a]	S_6 [Jy]	S_{20} [Jy]	α	θ[b] [mas]	Type[c]	Ref z	Ref[d] S_6	Ref[e] S_{20}	Ref VLBI
1	2	3	4	5	6	7	8	9	10	11	12	13
0003+380		0.229	Q	0.57	0.60	−0.04	< 2.0	J	VV96			HB95
0004+139		3.20	Q	0.12	0.19	−0.23	5.1	C	MH98			PF98
0010+405	4C 40.01	0.255	G	1.04	1.80	−0.44	< 2.0	L	SK93			XR95
0014+813		3.387	Q	0.55	[f]	−0.16	4.9	C	VV96	KP81	KP81	TV94
0016+731		1.781	Q	1.58	0.86	0.49	< 2.0	S	VV96			PR88
0022+390		1.946	Q	0.71	0.76	−0.05	9.8	C	VV96			XR95
0035+367		0.366	Q	0.48	0.88	−0.49	3.4	C	VV96			TV96
0035+413		1.353	Q	1.14	0.44	0.77	< 0.9	S	VV96			HB95
0046+063		3.580	Q	0.21	0.22	−0.02	4.0	C	MH98			PF98
0055+301	NGC 315	0.016	G	0.91	1.59	−0.45	10.2	C	DV91			VG93
0106+013		2.107	Q	4.18	4.04	0.03	10.6	C	VV96			SW97
0108+388		0.669	G	1.34	0.41	0.95	5.1	C	HR92			PR88
0110+495		0.395	Q	0.72	0.49	0.31	8.1	C	VV96			HB95
0133+476	DA 55	0.859	Q	2.02	1.40	0.30	2.9	C	VV96			CW93
0145+386		1.440	Q	0.36	0.29	0.17	3.2	C	HB93			HB95
0151+474		1.026	Q	0.50	0.35	0.29	< 1.7	L	VV96			HB95
0153+744		2.338	Q	1.59	2.09	−0.22	10.6	C	VV96			WS88
0201+365		2.912	Q	0.36	0.59	−0.40	6.8	C	VV96			HB95
0205+722		0.895	G	0.53	0.84	−0.37	3.3	C	VT96			TV94
0208−512		1.003	Q	3.30	[g]	−0.12	1.7	C	VV96	GV94	WO90	TE96
0212+735		2.367	Q	2.27	2.62	−0.12	13.1	C	VV96			PR88
0219+428		0.444	B	0.99	[h]	−0.66	5.3	C	VV96		FG85	TV96
0227+403		1.019	Q	0.41	0.44	−0.06	3.6	C	HB97			HB95
0234+285	CTD 20	1.207	Q	2.79	2.33	0.15	3.5	C	VV96			WC92
0235+164		0.940	B	1.94	2.36	−0.16	2.1	C	VV96			CB96
0243+181		3.59	Q	0.22	0.19	0.12	4.6	C	MH98			PF98
0248+430		1.310	Q	1.37	0.83	0.40	11.4	C	VV96			XR95
0249+383		1.122	Q	0.45	0.78	−0.44	6.3	C	HB97			HB95
0251+393		0.291	Q	0.35	0.30	0.12	1.6	C	VV96			HB95
0256+424		0.867	Q	0.39	0.62	−0.37	20.9	C	VV96			HB95
0307+380		0.816	Q	0.63	0.12	1.33	< 1.0	J	VV96		VL96	HB95
0309+411	NRAO 128	0.134	G	0.53	0.47	0.10	3.9	C	MB96			HB95
0316+413	3C 84	0.018	G	46.89	21.20	0.64	10.2	C	SH92			RB95
0332−403		1.445	Q	2.60	1.92	0.23	2.0	C	VV96	WO90	WO90	SW98
0333+321	NRAO 140	1.259	Q	1.95	3.08	−0.37	9.8	C	VV96			Ma88
0336−019	CTA 26	0.852	Q	2.58	2.25	0.08	1.3	C	VV96	KN81		WC92
0400+258		2.109	Q	0.99	1.48	−0.32	4.4	C	VV96			Ru88
0403−132		0.571	Q	3.24	4.00	−0.17	< 1.4	L	VV96	WO90	WO90	SW98
0410+110	3C 109	0.306	G	1.39	3.93	−0.84	3.5	C	HB91			GF94
0415+379	3C 111	0.049	G	5.17	13.53	−0.77	9.5	C	HB91			PA90
0420−014		0.915	Q	4.15	2.24	0.50	1.7	C	VV96	WO90	WO90	HV98
0430+052	3C 120	0.033	G	4.20	3.85	0.07	11.8	C	MH88			WB87
0444+634		0.781	Q	0.52	0.37	0.27	5.3	C	VV96			TV94
0454−234		1.003	Q	2.00	[x]	0.21	2.4	C	VV96	WO90	WO90	SW98
0454+844		0.112	B	1.40	[i]	0.38	1.3	C	VV96	KP81	KP81	WS88
0458−020		2.286	Q	2.19	2.20	0.00	4.6	C	VV96	WO90	WO90	WC92
0521−365		0.055	G	9.23	16.30	−0.46	3.9	C	Ke85	WO90	WO90	TE96
0537−441		0.896	B	3.80	2.70	0.28	3.9	C	VV96	WO90	WO90	TE96
0537+531		1.275	Q	0.67	0.66	0.01	2.3	C	VV96			TV94
0546+726		1.555	Q	0.39	0.49	−0.18	4.4	C	HB97			TV94

Table 1. *continued*

1	2	3	4	5	6	7	8	9	10	11	12	13
0552+398	DA 193	2.365	Q	5.52	1.75	0.92	<1.0	J	VV96			WC92
0554+580		0.904	Q	0.85	0.37	0.67	3.4	C	HB97			TV94
0600+442		1.136	Q	0.71	1.21	−0.43	10.1	C	VV96			HB95
0601+579		1.840	Q	0.16	0.14	0.11	<1.3	J	Sn97			Sn97
0609+607		2.702	Q	1.07	1.06	0.01	4.9	C	HB97			TV94
0615+820		0.71	Q	1.00	0.78	0.20	<1.0	L	VV96	KP81		XR95
0620+389		3.469	Q	0.84	1.22	−0.30	6.5	C	VV96			XR95
0627+532		2.204	Q	0.45	0.81	−0.47	10.2	C	HB97			HB95
0633+734		1.850	Q	0.71	1.10	−0.35	5.7	C	HB97			TV94
0636+680		3.177	Q	0.49	0.13	1.07	<1.5	L	VV96			TV94
0641+393		1.266	Q	0.44	0.37	0.14	3.6	C	HB97			HB95
0642+449		3.408	Q	1.22	0.60	0.57	3.1	C	VV96			XR95
0646+600		0.455	Q	0.94	0.44	0.61	3.0	C	VV96			XR95
0650+371		1.982	Q	0.87	0.59	0.31	<0.8	J	VV96			XR95
0650+453		0.933	Q	0.47	0.59	−0.18	<1.0	J	HB97			HB95
0651+410		0.022	G	0.43	0.30	0.29	<2.0	L	MH96			HB95
0707+476		1.292	Q	0.98	0.98	0.00	3.5	C	VV96			XR95
0710+439		0.518	Q	1.61	1.83	−0.10	24.0	C	VV96			CP92
0711+356		1.626	Q	0.82	1.43	−0.45	5.2	C	VV96			PR88
0714+457		0.940	Q	0.47	0.41	0.11	3.9	C	VV96			HB95
0724+571		0.426	Q	0.39	0.41	−0.04	4.3	C	HB97			TV94
0727+409		2.501	Q	0.47	0.41	0.11	4.0	C	VV96			HB95
0730+504		0.720	Q	0.99	0.39	0.75	2.5	C	HB97			TV94
0731+479		0.782	Q	0.51	0.43	0.14	3.6	C	VV96			HB95
0740+828		1.991	Q	0.93	1.82	−0.54	8.9	C	VV96	KP81		XR95
0743+744		1.629	Q	0.48	0.35	0.25	2.2	C	VV96			HB95
0746+483		1.951	Q	0.90	0.66	0.25	3.0	C	VV96			XR95
0754+100		0.66	B	0.90	1.05	−0.12	1.5	C	VV96			GC92
0755+379	NGC 2484	0.043	G	1.11	2.58	−0.68	5.6	C	DV91			XR95
0758+595		1.977	Q	0.18	0.14	0.20	2.0	C	Sn97			Sn97
0803+452		2.102	Q	0.38	0.39	−0.02	2.1	C	HB97			HB95
0804+499		1.433	Q	1.32	0.89	0.32	<1.2	S	VV96			PR88
0805+410		1.420	Q	0.69	0.36	0.52	3.0	C	VV96			XR95
0806+573		0.611	Q	0.41	0.43	−0.04	25.1	C	HB97			TV94
0812+367		1.025	Q	0.99	1.02	−0.02	10.6	C	VV96			XR95
0820+560		1.417	Q	1.16	1.27	−0.07	2.7	C	VV96			XR95
0821+394		1.216	Q	1.03	1.38	−0.24	4.3	C	VV96			XR95
0821+621		0.542	Q	0.62	0.65	−0.04	32.6	C	VV96			TV94
0824+355		2.249	Q	0.75	0.87	−0.12	<1.0	J	VV96			HB95
0826+707		2.003	Q	0.11	0.07	0.36	<1.3	J	Sn97		Sn97	Sn97
0828+493		0.548	B	0.37	1.00	−0.80	2.2	C	VV96			XR95
0830+102		3.750	Q	0.13	0.15	−0.11	14.2	C	OW95			PF98
0830+425		0.253	Q	0.39	0.24	0.39	4.7	C	HB97		WB97	HB95
0831+557	4C 55.16	0.242	G	5.74	7.74	−0.24	5.3	C	AA92			PR88
0833+416		1.298	Q	0.39	0.43	−0.08	4.0	C	HB97			HB95
0833+585		2.101	Q	0.72	0.60	0.15	1.2	C	VV96			XR95
0836+290	4C 29.30	0.079	G	0.27	0.88	−0.95	6.3	C	OL95			VC95
0836+710		2.172	Q	2.34	4.24	−0.48	8.7	C	VV96			WS88
0850+581	4C 58.17	1.322	Q	1.18	1.42	−0.15	6.0	C	VV96			HS92
0851+202	OJ287	0.306	Q	2.91	2.28	0.20	3.0	C	VV96			GW89

Table 1. *continued*

1	2	3	4	5	6	7	8	9	10	11	12	13
0859+681		1.499	Q	0.66	0.59	0.09	4.9	C	VV96			TV94
0900+520		1.537	Q	0.37	0.32	0.12	1.4	C	HB97			TV94
0902+490		2.690	Q	0.55	0.64	−0.12	< 1.0	S	VV96			HB95
0906+041		3.20	Q	0.13	0.21	−0.38	7.1	C	BS95			PF98
0906+430	3C 216	0.668	Q	1.61	4.27	−0.79	3.5	C	VV96			VP93
0913+391		1.269	Q	0.55	1.06	−0.53	3.4	C	VV96			HB95
0917+449		2.180	Q	1.09	0.78	0.27	2.8	C	VV96			XR95
0917+624		1.446	Q	1.23	1.23	0.00	5.1	C	VV96			SQ96
0923+392	4C 39.25	0.698	Q	6.91	2.72	0.75	2.0	C	VV96			PR88
0929+533		0.595	Q	0.39	0.54	−0.26	5.6	C	VV96			TV94
0930+493		2.582	Q	0.53	0.73	−0.26	2.3	C	HB97			HB95
0933+503		0.276	G	0.32	0.14	0.67	< 1.0	J	HB97		VL96	HB95
0938+119		3.191	Q	0.12	0.29	−0.70	2.8	C	VV96			PF98
0941+522		0.565	Q	0.39	0.85	−0.63	6.8	C	VV96			HB95
0945+408	4C 40.24	1.252	Q	1.80	1.49	0.15	8.3	C	VV96			PR88
0949+354		1.875	Q	0.37	0.34	0.07	8.5	C	VV96			HB95
0954+658		0.367	Q	1.13	0.65	0.45	1.8	C	VV96			GM94
0955+476		1.873	Q	1.01	0.69	0.31	< 1.8	J	VV96			XR95
1003+830		0.322	G	0.72	0.60	0.15	6.0	C	XL94	KP81		XR95
1010+350		1.414	Q	0.63	0.42	0.33	8.1	C	VV96			HB95
1020+400		1.254	Q	0.79	1.16	−0.31	3.4	C	VV96			XR95
1030+398		1.095	Q	0.65	0.38	0.43	2.0	C	VV96			HB95
1030+415		1.120	Q	0.44	0.77	−0.45	4.2	C	VV96			XR95
1030+611		0.336	G	0.53	0.77	−0.30	3.8	C	VV96			TV94
1034−293		0.312	B	1.51	[j]	0.21	< 1.3	L	VV96	WO90	WO90	HV98
1038+528		0.677	Q	0.70	0.71	−0.01	< 1.5	J	VV96			HB95
1039+811		1.256	Q	1.14	0.73	0.36	2.3	C	VV96	KP81		XR95
1041+536		1.897	Q	0.44	0.54	−0.16	3.3	C	HB97			HB95
1044+719		1.15	Q	1.90	0.62	0.90	< 1.5	L	VV96			XR95
1053+704		2.492	Q	0.54	0.61	−0.10	1.9	C	VV96			XR95
1053+815		0.706	G	0.77	0.34	0.66	< 1.5	J	XL94	KP81		XR95
1055+201		1.11	Q	1.51	2.31	−0.34	< 2.0	L	VV96			HS92
1058+726		1.46	Q	0.86	1.45	−0.42	19.2	C	VV96			XR95
1058+629		0.664	Q	0.69	0.60	0.11	1.4	C	HB97			XR95
1101+384	Mrk421	0.031	B	0.72	0.84	−0.12	12.8	C	VV96			XR95
1104−445		1.598	Q	2.03	1.92	0.04	2.7	C	VV96	WO90	WO90	SW97
1105+437		1.226	Q	0.34	0.27	0.19	1.6	C	HB97			HB95
1124+571		2.890	Q	0.45	0.78	−0.44	2.0	C	VV96			TA94
1127−145		1.187	Q	5.46	6.40	−0.13	16.1	C	VV96	WO90	WO90	WC92
1128+385		1.733	Q	0.77	0.93	−0.15	< 1.0	J	VV96			XR95
1143+590		1.982	Q	0.58	0.28	0.59	< 1.1	J	HB97			TV94
1144+352		0.063	G	0.67	0.70	−0.04	21.6	C	MB96			HB95
1144+542		2.201	Q	0.52	0.41	0.19	2.5	C	VV96			XR95
1146+531		1.629	Q	0.29	0.20	0.30	1.5	C	VV96		VL96	HB95
1146+596	NGC 3894	0.011	G	0.57	0.41	0.27	19.9	C	DV91			TA94
1150+497	4C 49.22	0.334	Q	0.72	1.43	−0.55	< 1.8	J	VV96			XR95
1150+812		1.25	Q	1.18	1.38	−0.13	2.8	C	VV96	KP81		XR95
1151+408		0.916	Q	0.37	0.70	−0.51	1.7	C	HB97			HB95
1155+486		2.028	Q	0.55	0.48	0.11	2.2	C	HB97			HB95
1156+295		0.729	Q	1.46	1.75	−0.15	3.6	C	VV96			MM90

Table 1. *continued*

1	2	3	4	5	6	7	8	9	10	11	12	13
1213+350		0.857	Q	1.12	1.73	−0.35	36.8	C	VV96			XR95
1214+588		2.547	Q	0.31	0.42	−0.24	2.0	C	HB97			TV94
1216+487		1.076	Q	0.64	0.86	−0.24	5.8	C	VV96			XR95
1222+216		0.435	Q	1.15	1.97	−0.43	3.4	C	VV96			HO92
1223+395		0.623	Q	0.51	0.54	−0.05	17.4	C	VV96			HB95
1225+368		1.975	Q	0.79	2.14	−0.80	31.3	C	VV96			XR95
1226+023	3C 273	0.158	Q	43.57	50.10	−0.11	26.1	C	VV96			ZB88
1226+373		1.515	Q	0.86	0.19	1.22	< 0.9	J	HB97			HB95
1239+376		3.818	Q	0.37	0.54	−0.30	< 2.0	L	VT96			HB95
1240+381		1.316	Q	0.76	0.36	0.60	< 1.0	J	VV96			HB95
1244−255		0.638	Q	1.55	[y]	0.24	< 1.6	L	VV96	WO90	WO90	SW98
1253−055	3C 279	0.538	Q	13.00	11.60	0.09	3.2	C	VV96	WO90	WO90	UC89
1254+571		0.042	G	0.42	0.29	0.30	< 1.5	J	DS93			TV94
1258+507		1.561	Q	0.44	0.52	−0.13	< 1.5	J	VV96			HB95
1305+804		1.183	Q	0.38	0.86	−0.66	13.3	C	VT96	KP81		TV96
1307+562		1.629	Q	0.42	0.29	0.30	1.9	C	HB97			TV94
1308+326		0.997	Q	1.45	1.61	−0.08	3.8	C	VV96			GC92
1309+555		0.926	Q	0.68	0.21	0.95	< 1.4	J	HB97			TV94
1311+552		0.613	Q	0.55	1.17	−0.61	38.4	C	VT96			TV94
1317+520		1.055	Q	0.61	1.29	−0.60	8.7	C	VV96			HS92
1321+410		0.496	Q	0.41	0.36	0.10	5.4	C	VT96			HB95
1323+800		1.970	Q	0.46	[k]	0.22	3.5	C	VV96	KP81	KP81	TV94
1325+436		2.073	Q	0.58	0.70	−0.15	< 1.0	J	VV96			HB95
1333+459		2.450	Q	0.65	0.31	0.60	< 1.0	J	VV96			XR95
1334−127		0.539	Q	4.30	1.90	0.66	1.6	C	VV96	VL96	VL96	HV98
1335+552		1.096	Q	0.75	0.72	0.03	2.1	C	VV96			TV94
1337+637		2.558	Q	0.42	0.50	−0.14	7.0	C	VV96			TV94
1338+381		3.103	Q	0.26	0.33	−0.11	3.8	C	VV96			PF98
1342+662		0.766	Q	0.30	0.89	−0.88	< 1.2	J	VV96			TV94
1342+663		1.351	Q	0.55	0.89	−0.39	< 1.3	L	VV96			XR95
1347+539		0.976	Q	0.64	1.15	−0.47	12.8	C	VV96			XR95
1354−174		3.147	Q	0.97	1.90	−0.54	< 1.9	J	VV96	WO90	WO90	FG97
1354+195		0.719	Q	2.62	2.63	0.00	12.3	C	VV96			Ru88
1356+478		0.230	G	0.43	0.59	−0.25	6.0	C	VT96			TV96
1402+044		3.211	Q	1.00	0.56	0.47	14.5	C	VV96			GK92
1404+286	OQ208	0.077	G	2.35	0.76	0.91	6.9	C	VV96			ZB94
1413+135		0.247	B	0.85	1.21	−0.28	34.8	C	VV96			PC96
1413+373		2.36	Q	0.38	0.37	0.02	4.0	C	VV96			HB95
1415+463		1.552	Q	0.80	1.01	−0.19	10.5	C	VV96			HB95
1417+385		1.832	Q	0.65	0.71	−0.07	< 0.9	S	VV96			HB95
1418+546		0.152	B	1.35	1.56	−0.12	3.8	C	VV96			XR95
1421+482		2.220	Q	0.52	0.36	0.30	2.9	C	VV96			HB95
1424+366		1.091	Q	0.44	0.19	0.68	< 0.9	J	HB97			HB95
1427+543		2.991	Q	0.72	0.90	−0.18	9.8	C	HB97			HB95
1428+422		4.715	Q	0.34	0.31	0.07	< 1.2	L	HM98			PF98
1432+422		1.240	Q	0.35	0.28	0.18	< 1.6	J	VT96			TV96
1435+638		2.062	Q	0.76	1.39	−0.49	8.9	C	VV96			XR95
1438+385		1.775	Q	0.89	1.03	−0.12	8.8	C	VT96			XR95
1442+101		3.535	Q	1.28	2.42	−0.51	13.5	C	VV96			UT97
1442+637		1.380	Q	0.44	0.68	−0.35	8.7	C	VV96			TV94

Table 1. *continued*

1	2	3	4	5	6	7	8	9	10	11	12	13
1448+762		0.899	Q	0.68	[l]	0.32	1.9	C	VV96	KP81	KP81	HB95
1456+375		0.333	G	0.54	0.34	0.37	< 1.0	J	VT96			HB95
1458+718	3C 309.1	0.904	Q	3.57	7.68	−0.62	49.8	C	VV96			KW90
1500+045		3.67	Q	0.18	0.12	0.32	0.7	C	VV96			PF98
1504−166		0.876	Q	1.96	2.70	−0.25	1.7	C	VV96	WO90	WO90	HV98
1504+377		0.674	G	0.97	1.19	−0.16	10.7	C	SK94			XR95
1505+428		0.587	Q	0.41	0.44	−0.06	5.5	C	VV96			HB95
1531+722		0.899	Q	0.44	0.66	−0.33	2.2	C	VV96			TV94
1532+016		1.435	Q	0.79	1.20	−0.33	1.2	C	VV96	WO90	WO90	HV98
1534+501		1.119	Q	0.37	0.23	0.38	< 1.8	L	VV96			HB95
1538+149		0.605	B	1.21	1.45	−0.15	4.5	C	VV96			GC92
1538+593		3.878	Q	0.08	0.05	0.38	< 1.1	J	Sn97		Sn97	Sn97
1543+480		1.277	Q	0.44	0.67	−0.34	34.6	C	VV96			HB95
1543+517		1.924	Q	0.59	0.49	0.15	5.1	C	HB97			HB95
1547+507		2.169	Q	0.73	0.67	0.07	7.1	C	VV96			XR95
1550+582		1.319	Q	0.35	0.23	0.34	< 1.4	J	HB97			HB95
1557+031		3.891	Q	0.41	0.48	−0.13	< 1.2	L	VV96			PF98
1602+576		2.858	Q	0.37	0.79	−0.61	3.9	C	VV96			HB95
1614+051		3.217	Q	0.92	0.31	0.88	< 1.0	S	VV96			GK92
1619+491		1.513	Q	0.44	0.47	−0.05	10.9	C	HB97			HB95
1622−297		0.815	Q	1.86	2.20	−0.13	16.0	C	VV96	WO90	WO90	TM98
1622+665		0.203	Q	0.52	0.20	0.77	< 2.0	J	VV96			TV96
1623+578		0.789	G	0.59	0.50	0.13	3.1	C	VT96			TV96
1624+416	4C 41.32	2.55	Q	1.25	1.68	−0.24	5.4	C	VV96			PR88
1626+396	3C 338	0.030	G	0.46	3.71	−1.68	11.5	C	DV91			FC93
1633+382		1.814	Q	3.22	1.90	0.42	1.7	C	VV96			PR88
1636+473		0.740	Q	1.24	0.95	0.21	< 1.9	J	VV96			HB95
1637+826	NGC 6251	0.023	G	0.70	0.40	0.45	5.0	C	DV91	VL96	VL96	JU86
1638+398		1.666	Q	1.12	0.66	0.43	< 0.9	J	VV96			XR95
1638+540		1.977	Q	0.35	0.31	0.10	2.7	C	HB97			HB95
1641+399	3C 345	0.594	Q	8.72	7.89	0.08	5.6	C	VV96			Lo96
1642+690	4C 69.21	0.751	Q	1.53	1.51	0.01	4.1	C	VV96			PR88
1645+410		0.835	Q	0.40	0.32	0.18	< 2.1	J	HB97			HB95
1645+635		2.379	Q	0.48	0.30	0.38	7.4	C	HB97			TV94
1652+398	Mrk501	0.034	G	1.38	1.44	−0.03	7.8	C	DV91			PR88
1656+477		1.622	Q	1.24	0.78	0.37	5.7	C	VV96			XR95
1656+571		1.290	Q	0.76	0.81	−0.05	4.4	C	VV96			TV94
1700+685		0.301	Q	0.38	0.30	0.19	2.0	C	HB97			TV94
1716+686		0.777	Q	0.84	0.41	0.58	1.7	C	VV96			TV94
1719+357		0.263	Q	0.78	0.84	−0.06	4.1	C	VV96			XR95
1722+401		1.049	Q	0.52	0.55	−0.05	4.5	C	VT96			HB95
1726+455		0.714	Q	0.94	0.43	0.63	< 0.9	J	VV96			HB95
1730−130	NRAO 530	0.902	Q	4.10	5.20	−0.19	4.5	C	VV96	WO90	WO90	SW97
1732+389		0.976	Q	0.56	0.78	−0.27	< 0.9	J	VV96			XR95
1738+476		0.316	B	0.82	0.83	−0.01	< 0.9	J	VV96			XR95
1738+499		1.545	Q	0.43	0.57	−0.23	< 1.6	J	VV96			TV94
1739+522		1.379	Q	1.70	1.98	−0.12	< 0.7	J	VV96			PR88
1741−038		1.057	Q	2.30	1.17	0.53	1.6	L	VV96	WO90	WO90	SW97
1743+173		1.702	Q	0.69	1.36	−0.55	9.0	C	VV96			Ru88
1745+624		3.889	Q	0.59	0.76	−0.20	2.7	C	VV96			TV94

Table 1. *continued*

1	2	3	4	5	6	7	8	9	10	11	12	13
1746+693		1.886	Q	0.14	0.20	−0.28	1.7	C	Sn97			Sn97
1749+096		0.320	Q	2.46	0.61	1.12	1.7	C	VV96			WC92
1749+701		0.770	Q	0.72	1.31	−0.48	4.7	C	VV96			GM94
1751+441		0.871	Q	1.00	0.78	0.20	1.7	C	VV96			XR95
1755+578		2.110	Q	0.46	0.73	−0.37	10.8	C	HB97			TV94
1758+388		2.092	Q	0.74	0.51	0.30	1.4	C	VV96			XR95
1800+440		0.663	Q	1.19	0.88	0.24	<0.9	J	VV96			XR95
1803+784		0.684	Q	2.63	1.87	0.27	1.6	C	VV96	KP81		CW93
1806+456		0.830	Q	0.35	0.15	0.68	<1.7	J	VV96			TV94
1807+698	3C 371	0.051	Q	2.12	2.26	−0.05	4.0	C	VV96			CW93
1811+430		1.090	Q	0.51	0.97	−0.52	10.9	C	VV96			TV94
1812+412		1.564	Q	0.52	0.64	−0.17	10.1	C	HB97			HB95
1818+356		0.971	Q	0.57	0.99	−0.44	<1.6	J	VT96			TV96
1823+568		0.664	B	1.26	1.48	−0.13	6.1	C	VV96			GM94
1826+796		0.224	Q	0.58	[m]	0.40	15.7	C	HB97	KP81	KP81	TV94
1828+487	3C 380	0.692	Q	5.52	14.65	−0.79	23.4	C	VV96			PW93
1830+285		0.594	Q	0.98	1.81	−0.49	1.7	C	VV96			HS92
1834+612		2.274	Q	0.57	0.45	0.19	3.0	C	HB97			TV94
1839+389		3.095	Q	0.42	[n]	0.44	<0.9	J	VT96		FG85	HB95
1841+672		0.470	G	0.16	0.15	0.05	6.4	C	SB96			Sn97
1842+681		0.475	Q	0.93	0.61	0.34	1.9	C	VV96			XR95
1843+356		0.764	G	0.79	1.03	−0.21	10.3	C	VT96			XR95
1845+797	3C 390.3	0.056	G	4.41	11.23	−0.75	4.9	C	HB91	KN81		AW96
1849+670		0.657	Q	0.85	0.90	−0.05	2.6	C	VV96			TV94
1850+402		2.12	Q	0.53	0.55	−0.03	2.4	C	VV96			HB95
1851+488		1.250	Q	0.31	0.29	0.05	<1.6	L	VT96			TV94
1856+737		0.460	Q	0.58	0.56	0.03	6.6	C	VV96			TV94
1901+319	3C 395	0.635	Q	1.86	2.95	−0.37	15.7	C	VV96			SH88
1908+484		0.513	Q	0.50	0.58	−0.12	<1.6	J	HB97			TV94
1910+375		1.104	Q	0.41	0.50	−0.16	<2.3	J	HB97			HB95
1915+657		0.486	Q	0.35	0.77	−0.63	32.6	C	HB97			HB95
1921−293		0.352	Q	10.60	5.70	0.49	6.7	C	VV96	WO90	WO90	SW97
1924+507		1.098	Q	0.35	0.66	−0.51	2.1	C	VV96			HB95
1928+738		0.303	Q	3.63	3.91	−0.06	8.4	C	VV96			GM95
1936+714		1.864	Q	0.40	0.62	−0.35	<1.1	J	VV96			TV94
1943+546		0.263	G	0.94	1.65	−0.45	40.9	C	SK93			XR95
1945+604		2.700	Q	0.08	0.06	0.23	<1.0	J	Sn97		Sn97	Sn97
1946+708		0.101	G	0.68	0.92	−0.24	33.2	C	SK93			TV94
1950+573		0.652	Q	0.51	0.57	−0.09	13.5	C	HB97			TV94
1954−388		0.630	Q	2.00	1.59	0.18	<2.1	L	VV96	WO90	WO90	SW98
1957+405	Cyg A	0.056	G	0.74^q	0.78^q	−0.04	15.4	C	VV96	CB94	CB94	CB94
1958+619		1.824	Q	0.14	0.11	0.19	<1.1	J	Sn97		Sn97	Sn97
2005+642		1.574	Q	0.72	0.17	1.16	<1.1	J	HB97			TV94
2007+659		1.325	Q	0.75	1.03	−0.26	2.3	C	VV96			TV94
2007+777		0.342	B	1.28	0.94	0.25	3.6	C	VV96	KP81		GM94
2015+657		2.845	Q	0.53	0.97	−0.49	<1.2	J	VV96			TV94
2017+745		2.187	Q	0.54	0.47	0.11	4.9	C	HB97			TV94
2021+614		0.227	G	2.62	2.13	0.17	9.1	C	VV96			PR88
2043+749	4C 74.26	0.104	Q	0.37	1.60	−1.18	2.6	C	VV96			PB92
2048+312		3.198	Q	0.59	0.75	−0.19	2.8	C	VV96		VL96	GS94

Table 1. *continued*

1	2	3	4	5	6	7	8	9	10	11	12	13
2116+818		0.084	G	0.38	0.54	−0.28	4.7	C	MB96	KP81		TV96
2121+053		1.941	Q	2.78	1.14	0.72	< 1.0	L	VV96			WC92
2134+004		1.932	Q	9.96	3.13	0.91	4.0	C	VV96	WO90	WO90	SW97
2136+141		2.427	Q	1.07	1.15	−0.06	2.9	C	VV96			WC92
2136+824		2.357	Q	0.51	1.01	−0.55	13.7	C	HB97	KP81		TV94
2145+067		0.999	Q	4.14	2.88	0.29	7.2	C	VV96			WC92
2155−152		0.672	Q	1.58	1.26	0.18	5.4	C	VV96	WO90	WO90	SW90
2200+420	BL Lac	0.069	B	2.94	4.69	−0.38	7.0	C	VV96			PR88
2201+315		0.298	Q	2.81	1.98	0.28	5.4	C	VV96			DW87
2207+374		1.493	Q	0.86	1.71	−0.55	55.6	C	VV96			XR95
2223−052	3C 446	1.404	Q	4.51	6.37	−0.26	4.9	C	VV96	KN81		WC90
2230+114	CTA 102	1.037	Q	3.97	6.63	−0.41	15.7	C	VV96			WC89
2235+731		1.345	Q	0.39	0.30	0.21	2.6	C	VV96			TV94
2243−123		0.630	Q	2.38	[o]	−0.22	1.8	C	VV96	WO90	WO90	HV98
2246+370		1.541	Q	0.43	0.91	−0.60	< 0.9	J	VT96			TV94
2251+134		0.677	Q	0.88	1.44	−0.40	1.4	C	VV96			HS92
2251+158	3C 454.3	0.859	Q	14.47	13.90	0.03	7.8	C	VV96			CG96
2253+417		1.476	Q	1.08	1.41	−0.21	4.1	C	VV96			XR95
2255+417	4C 41.45	2.150	Q	1.10	1.87	−0.43	43.5	C	VT96			XR95
2259+371		2.179	Q	0.44	0.60	−0.25	6.2	C	HB97			TV94
2309+454		1.447	Q	0.50	0.31	0.38	2.0	C	VV96			TV94
2310+385		2.181	Q	0.53	0.69	−0.21	4.4	C	HB97			HB95
2330+387		0.319	Q	0.43	0.84	−0.54	46.2	C	VV96			HB95
2335+267	3C 465	0.029	G	1.56	7.46	−1.26	8.1	C	DV91			VC95
2345−167		0.576	Q	3.47	1.20	0.85	2.5	C	VV96	WO90	WO90	HV98
2351−154		2.675	Q	0.93	[p]	−0.24	< 1.2	L	VV96	WO90	WO90	HV98
2352+495		0.237	G	1.60	2.34	−0.31	32.8	C	CP92			CP92
2353+816		1.344	B	0.48	0.40	0.15	1.7	C	VT96	KP81		TV94
2355−534		1.006	Q	1.66	1.22	0.24	4.9	C	VV96	WO90	WO90	SW98
2356+390		1.201	Q	0.36	0.43	−0.14	8.8	C	HB97			HB95

[a] Optical counterpart: Q – quasar, B – BL Lac object, G – radio galaxy (including Seyfert galaxies of all types).
[b] Characteristic angular size (case C) or its upper limit (cases J, L, and S).
[c] Radio structure code:
- C – size between the core and the most distant 2%-component;
- J – upper limit of θ along jet direction;
- L – upper limit of θ along major axis of the beam;
- S – upper limit of θ along minor axis of the beam.

[d] 6 cm flux density from Gregory et al. (1996) unless otherwise stated.
[e] Flux density from White and Becker (1992) unless otherwise stated, at 20 cm or at an alternative wavelength as stated in footnotes [f – y].
[f] Spectral index calculated using $S_{11} = 0.61$ Jy.
[g] Spectral index calculated using $S_{11} = 3.56$ Jy.
[h] Spectral index calculated using $S_{75} = 5.05$ Jy.
[i] Spectral index calculated using $S_{11} = 1.10$ Jy.
[j] Spectral index calculated using $S_{11} = 1.33$ Jy.
[k] Spectral index calculated using $S_{11} = 0.40$ Jy.
[l] Spectral index calculated using $S_{11} = 0.56$ Jy.
[m] Spectral index calculated using $S_{11} = 0.45$ Jy.
[n] Spectral index calculated using $S_{75} = 0.14$ Jy.
[o] Spectral index calculated using $S_{11} = 2.74$ Jy.
[p] Spectral index calculated using $S_{11} = 1.08$ Jy.
[q] S_6 and S_{20} values for the compact core component.
[x] Spectral index calculated using $S_{11} = 1.76$ Jy.
[y] Spectral index calculated using $S_{11} = 1.34$ Jy

Table 1. *continued*: List of references.

AA92 – Aller et al. 1992	AW96 – Alef et al. 1996	BS95 – Brinkman et al. 1995
CB94 – Carilli et al. 1994	CB96 – Chu et al. 1996	CG96 – Cawthorne and Gabuzda 1996
CP92 – Conway et al. 1992	CW93 – Cawthorne et al. 1993	DS93 – Downes et al. 1993
DV91 – De Vacoulers G. et al. 1991	DW87 – De Waard G. 1987	FC93 – Feretti et al. 1993
FG85 – Ficarra et al. 1985	FG97 – Frey et al. 1997	GC92 – Gabuzda et al. 1992
GF94 – Giovannni et al. 1994	GK92 – Gurvits et al. 1992	GM94 – Gabuzda et al. 1994
GM95 – Guirado et al. 1995	GS94 – Gurvits et al. 1994	GV94 – Gregory et al. 1994
GW89 – Gabuzda et al. 1989	HB91 – Hewitt and Burbidge 1991	HB93 – Hewitt and Burbidge 1993
HB95 – Henstock et al. 1995	HB97 – Henstock et al. 1997	HM98 – Hook and McMahon 1998
HO92 – Hooimeyer et al. 1992a	HR92 – Herbig and Readhead 1992	HS92 – Hooimeyer et al. 1992b
HV98 – Hong et al. 1998	JU86 – Jones et al. 1986	Ke85 – Keel 1985
KN81 – Kühr et al. 1981a	KP81 – Kühr et al. 1981b	KW90 – Kus et al. 1990
Lo96 – Lobanov 1996	Ma88 – Marscher 1988	MB96 – Marcha et al. 1996
MH88 – Michel and Huchra 1988	MH96 – Marzke et al. 1996	MH98 – McMahon and Hook 1998
MM90 – McHardy et al. 1990	OL95 – Owen et al. 1995	OW95 – Oren and Wolfe 1995
PA90 – Preuss et al. 1990	PB92 – Pearson et al. 1992	PC96 – Perlman et al. 1996
PF98 – Paragi et al. 1998	PR88 – Pearson and Readhead 1988	PW93 – Polatidis et al. 1993
RB95 – Romney et al. 1995	Ru88 – Rusk 1988	SB96 – Snellen et al. 1996
SH88 – Simon et al. 1988	SH92 – Strauss et al. 1992	SK93 – Stickel and Kühr 1993
SK94 – Stickel and Kühr 1994	Sn97 – Snellen 1997	SQ96 – Standke et al. 1996
SW97 – Shen et al. 1997	SW98 – Shen et al. 1998	TE96 – Tingay et al. 1996
TM98 – Tingay et al. 1998	TV94 – Taylor et al. 1994	TV96 – Taylor et al. 1996
UC89 – Unwin et al. 1989	UT97 – Udomprasert et al. 1997	VC95 – Venturi et al. 1995
VG93 – Venturi et al. 1993a	VL96 – VLA Calibrator Manual 1996	VP93 – Venturi et al. 1993b
VT96 – Vermeulen et al. 1996	VV96 – Veron-Cetty and Veron 1996	WB87 – Walker et al. 1987
WB97 – White et al. 1997	WC89 – Wehrle and Cohen 1989	WC90 – Wehrle et al. 1990
WC92 – Wehrle et al. 1992	WO90 – Wright and Otrupcek 1990	WS88 – Witzel et al. 1988
XL94 – Xu et al. 1994	XR95 – Xu et al. 1995	ZB88 – Zensus et al. 1988
ZB94 – Zhang et al. 1994		