Table A 1: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 975

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	1.95 E-1	2.46 E-2	-354	17	1053	62
[Fe VII]	3587.80	2.99 E-2	3.89 E-3				
[O II]	3727.40	8.67 E-2	1.90 E-2	-10	19	490	37
[Fe VII]	3760.30	6.30 E-2	3.67 E-3	-338	15	964	71
[Ne III]	3868.80	1.83 E-1	1.32 E-2	-105	21	605	31
Hγ	4340.46	3.24 E-1	3.36 E-2				
[O III]	4363.21	3.03 E-2	8.84 E-3	-193	16	702	93
He II	4685.68	3.25 E-2	3.86 E-3				
Hβ	4861.33	1.00				2710	320
[O III]	4958.91	1.83 E-1	6.99 E-3	-205	15	730	8
[O III]	5006.84	5.75 E-1	2.06 E-2	-187	15	688	2
[Fe VI]	5145.80	4.94 E-3	5.33 E-4				
[Fe VII]	5159.00	7.84 E-3	3.31 E-4				
[Fe VI]	5176.40	4.08 E-3	6.40 E-4				
[Fe VII]	5721.10	4.20 E-2	3.32 E-3				
He I	5875.65	8.19 E-2	8.04 E-3				
[Fe VII]	6086.90	5.38 E-2	2.02 E-3	-377	14	1058	46
[O I]	6300.30	7.78 E-3	4.09 E-4	42	15	391	11
[N II]	6548.10	3.13 E-2	1.24 E-3				
Hα	6562.81	2.60 E-0	9.33 E-2			2380	120
[N II]	6583.40	3.78 E-2	2.39 E-3				
[S II]	6716.40	3.60 E-2	1.30 E-3				
[S II]	6730.80	2.38 E-2	8.63 E-4	13	16	318	5
[Ar III]	7135.40	5.32 E-3	3.81 E-4	64	15	330	31
[S III]	9069.40	1.72 E-3	1.32 E-2				
[S III]	9532.10	3.32 E-2	6.61 E-3				

Table A 2: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 359

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3345.80	2.49 E-1	2.10 E-2	-48	30	351	13
[Ne V]	3425.90	6.21 E-1	5.07 E-2	-52	23	399	12
[Fe VII]	3587.80	2.31 E-1	2.04 E-2				
[O II]	3727.40	3.04 E-1	1.94 E-2	46	23	475	65
[Fe VII]	3760.30	1.57 E-1	1.46 E-2				
[Ne III]	3868.80	1.86 E-1	2.06E-2	5	26	160	10
Hγ	4340.46	7.43 E-1	6.70 E-2				
[O III]	4363.21	1.16 E-1	4.07 E-2	29	19	315	89
He II	4685.68	1.14 E-1	8.95 E-3				
[Ar IV]	4711.30	3.04 E-2	3.91 E-3	-22	24	217	21
[Ar IV]	4740.00	1.73 E-2	1.29 E-3				
Hβ	4861.33	1.00				370	60
[O III]	4958.91	4.66 E-1	1.70 E-2	-9	19	272	1
[O III]	5006.84	1.46 E-0	5.11 E-2	-11	16	256	1
[Fe VI]	5145.80	1.54 E-2	3.24 E-3				
[Fe VII]	5159.00	2.59 E-2	5.48 E-3	-46	19	321	40
[Fe VI]	5176.40	2.54 E-2	8.42 E-3	17	18	304	28
[N I]	5199.20	2.25 E-2	3.03 E-3	69	20	325	74
[Fe VII]	5277.80	3.39 E-2	2.00 E-3	-93	19	344	16
[Fe VI]	5335.20	1.39 E-2	1.72 E-3				
[Fe VII]	5721.10	6.85 E-2	3.67 E-3	-43	19	339	12
He I	5875.65	1.04 E-1	1.07 E-2				
[Fe VII]	6086.90	1.21 E-1	5.42 E-3	-68	16	350	7
[O I]	6300.30	4.39 E-2	3.75 E-3	48	19	168	9
[S III]	6312.10	8.57 E-3	3.64 E-3				
[Fe X]	6374.60	8.30 E-2	5.58 E-3	-96	15	340	14
[N II]	6548.10	7.19 E-2	3.14 E-3	48	21	132	5
Hα	6562.81	3.28 E-0	1.13 E-1			390	40
[N II]	6583.40	2.72 E-1	9.70 E-3	47	20	196	2
He I	6678.14	1.85 E-2	3.37 E-3				
[S II]	6716.40	8.70 E-2	3.05 E-3				
[S II]	6730.80	6.61 E-2	2.71 E-3	36	18	267	4
[Ar V]	7005.70	8.16 E-3	6.29 E-4				
[Ar III]	7135.40	2.00 E-2	1.08 E-3				
[O II]	7330.30	6.55 E-3	5.65 E-4				
[Fe XI]	7891.90	5.08 E-2	3.05 E-3	-205	15	509	19
O I	8446.68	7.06 E-3	6.57 E-4				
[S III]	9069.40	1.24 E-1	7.77 E-3	79	15	263	12
[S III]	9532.10	8.99 E-2	6.17 E-3	-6	15	174	11

Table A 3: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 573

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3345.80	4.20 E-1	4.76 E-2	-10	28	325	21
[Ne V]	3425.90	1.11 E-0	8.92 E-2	26	22	330	8
O III	3444.10	3.25 E-2	2.95 E-3				
[Fe VII]	3587.80	2.45 E-1	4.61 E-2	3	20	440	74
[O II]	3727.40	2.67 E-0	1.82 E-1	-21	17	515	6
[Ne III]	3868.80	1.14 E-0	8.14 E-2	16	19	320	3
Hγ	4340.46	4.76 E-1	3.17 E-2				
[O III]	4363.21	1.88 E-1	1.50 E-2	1	19	330	11
[Fe III]	4658.10	3.36 E-2	2.65 E-3				
He II	4685.68	3.36 E-1	2.22 E-2				
Hβ	4861.33	1.00 E-0				370	30
[Fe VII]	4893.37	5.71 E-2	4.31 E-3				
[O III]	4.958.91	3.70 E-0	2.40 E-1	3	16	340	1
[O III]	5006.84	1.09 E-1	7.09 E-1	2	15	335	1
[Fe VI]	5145.80	2.01 E-2	2.40 E-3				
[Fe VI]	5176.40	3.08 E-2	2.43 E-3				
[N I]	5199.20	6.77 E-2	4.49 E-3	-33	19	335	5
[Ca V]	5309.20	6.00 E-2	4.67 E-3	9	16	270	9
[Fe VI]	5335.20	1.95 E-2	1.81 E-3				
[Fe VI]	5677.00	2.40 E-2	2.96 E-3				
[Fe VII]	5721.10	9.38 E-2	7.41 E-3	11	16	385	7
He I	5875.65	1.10 E-1	7.35 E-3				
[Fe VII]	6086.90	1.12 E-1	8.36 E-3	8	16	345	8
[Fe X]	6374.60	4.77 E-2	3.78 E-3	-46	16	385	13
[N II]	6548.10	3.43 E-1	2.28 E-2	-46	19	295	2
Hα	6562.81	3.20 E-0	2.10 E-1			370	20
[N II]	6583.40	1.61 E-0	1.05 E-1	-7	15	340	3
He I	6678.14	1.64 E-2	1.41 E-3				
[S II]	6716.40	7.37 E-1	4.84 E-2	-37	15	375	4
[S II]	6730.80	6.80 E-1	4.46 E-2	-5	15	365	4
[Ar V]	7005.70	1.22 E-2	9.89 E-4				
[Ar III]	7135.40	1.57 E-1	1.09 E-2	22	16	305	3
[Ar III]	7751.00	1.67 E-2	1.72 E-3				
[Fe XI]	7891.90	2.43 E-2	3.78 E-3	-76	15	420	42
[S III]	9069.40	5.05 E-1	3.29 E-2	-28	14	320	2
[S III]	9532.10	1.13 E-0	8.01 E-2	-43	13	370	6

Table A 4: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of NGC 1320

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	2.75 E-0	3.70 E-1	-71	21	465	47
[O II]	3727.40	2.33 E-0	2.16 E-1	-14	24	465	18
[Fe VII]	3760.30	4.55 E-1	1.02 E-1	-120	21	490	38
[Ne III]	3868.80	1.47 E-0	1.78 E-1	-7	25	305	25
[O III]	4363.21	5.97 E-1	1.08 E-1	108	19	485	76
He II	4685.68	6.70 E-1	7.41 E-2				
Hβ	4861.33	1.00 E-0				290	20
[O III]	4.958.91	4.27 E-0	3.44 E-1	-11	16	295	3
[O III]	5006.84	1.25 E-1	1.01 E-0	-11	15	290	2
[Fe VII]	5159.00	1. E-1	5.09 E-2	7	19	340	53
[N I]	5199.20	1.03 E-1	1.95 E-2				
[Fe VII]	5721.10	3.31 E-1	3.65 E-2	46	18	400	22
He I	5875.65	1.52 E-1	3.84 E-2				
[Fe VII]	6086.90	5.02 E-1	4.93 E-2	41	17	350	12
[O I]	6300.30	2.20 E-1	3.20 E-2	-32	16	240	31
[S III]	6312.10	5.06 E-2	2.10 E-2				
[Fe X]	6374.60	2.90 E-1	4.37 E-2	37	16	410	44
[N II]	6548.10	7.60 E-1	7.02 E-2	-32	16	275	11
Hα	6562.81	3.46 E-0	2.87 E-1			350	30
[N II]	6583.40	2.69 E-0	2.45 E-1	2	16	280	9
[S II]	6716.40	7.08 E-1	1.35 E-1	-9	15	280	46
[S II]	6730.80	5.98 E-1	7.04 E-2	-1	17	280	19
[Ar III]	7135.40	2.71 E-1	3.40 E-2	1	16	255	23
[Fe XI]	7891.90	1.97 E-1	3.17 E-2				
[S III]	9069.40	6.14 E-1	5.41 E-2	-59	14	255	9
[S III]	9532.10	1.27 E-0	1.18 E-1	-36	15	275	12

Table A 5: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Akn 120

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	6.78 E-2	2.58 E-2	44	27	275	141
[O II]	3727.40	2.24 E-2	3.93 E-3				
[Ne III]	3868.80	2.77 E-2	6.88 E-3				
Hγ	4340.46	3.19 E-1	2.03 E-2				
[O III]	4363.21	7.84 E-3	1.21 E-3				
Hβ	4861.33	1.00 E-0				4850	300
[Fe VII]	4893.37	1.15 E-2	1.26 E-3	59	15	655	57
[O III]	4.958.91	2.27 E-2	1.85 E-3	31	15	5350	40
[O III]	5006.84	6.93 E-2	1.91 E-3	-10	16	505	3
[N I]	5199.20	2.68 E-3	2.71 E-4	-97	19	475	43
[Fe VII]	5721.10	8.67 E-3	4.42 E-4	91	15	795	34
He I	5875.65	1.20 E-1	6.46 E-3				
[Fe VII]	6086.90	1.51 E-2	7.09 E-4	-69	14	960	281
[O I]	6300.30	2.94 E-3	1.67 E-4	25	16	200	10
[Fe X]	6374.60	1.077 E-2	4.41 E-4			880	54
Hα	6562.81	2.01 E-0	5.30 E-2			5770	260
[N II]	6583.40	8.53 E-3	2.77 E-4	36	17	495	12
[S II]	6716.40	4.48 E-3	1.75 E-4	75	17	325	14
[S II]	6730.80	4.03 E-3	2.01 E-4	13	16	375	41
[Ar III]	7135.40	1.93 E-3	2.41 E-4				
[Fe XI]	7891.90	6.62 E-3	5.80 E-4	-96	23	1060	163

Table A 6: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 9

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	4.33 E-1	6.48 E-2	-455	19	935	87
[Fe VII]	3587.80	1.30 E-1	1.77 E-2				
[O II]	3727.40	5.24 E-2	3.99 E-3	-53	22	475	60
[Ne III]	3868.80	8.40 E-2	9.36 E-3	-161	19	320	23
Hγ	4340.46	4.32 E-1	3.93 E-2				
[O III]	4363.21	1.25 E-2	1.47 E-3	-135	23	395	89
He II	4685.68	3.76 E-2	5.66 E-3				
Hβ	4861.33	1.00 E-0				2430	290
[O III]	4.958.91	9.33 E-2	5.52 E-3	-112	16	370	6
[O III]	5006.84	3.10 E-1	1.63 E-2	-133	15	405	3
[Fe VI]	5176.40	2.55 E-3	5.18 E-4				
[N I]	5199.20	9.06 E-3	1.39 E-3	3	19	360	100
[Fe VII]	5721.10	2.69 E-2	1.37 E-3	-409	15	780	20
He I	5875.65	9.12 E-2	7.37 E-3				
[Fe VII]	6086.90	4.39 E-2	3.02 E-3	-501	14	970	40
[O I]	6300.30	5.02 E-3	3.59 E-4	-19	16	215	9
[Fe X]	6374.60	2.21 E-2	1.35 E-3	-573	14	915	38
[N II]	6548.10	1.83 E-2	9.31 E-4	7	19	225	2
Hα	6562.81	2.01 E-0	1.01 E-1			2730	180
[N II]	6583.40	4.07 E-2	2.17 E-3				
He I	6678.14	4.00 E-3	4.27 E-4				
[S II]	6716.40	1.04 E-2	1.71 E-3				
[S II]	6730.80	9.00 E-3	7.77 E-4	4	16	270	17
[Ar III]	7135.40	4.53 E-3	3.08 E-4	-80	15	300	12
[Fe XI]	7891.90	1.72 E-2	1.15 E-3	-657	14	1060	213
[S III]	9069.40	9.82 E-3	5.49 E-4				
[S III]	9532.10	1.45 E-2	1.32 E-3	-39	14	260	16

Table A 7: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 704

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	2.02 E-1	1.55 E-2	-156	2	450	17
[O II]	3727.40	5.45 E-2	6.53 E-3	-23	21	315	250
[Fe VII]	3760.30	6.44 E-2	3.19 E-3	-286	26	385	29
[Ne III]	3868.80	7.39 E-2	8.64 E-3	-47	23	290	16
Hγ	4340.46	2.65 E-1	2.30 E-2				
[O III]	4363.21	5.18 E-2	5.34 E-3	-38	19	440	32
He II	4685.68	4.15 E-2	5.94 E-3				
Hβ	4861.33	1.00 E-0				1570	310
[O III]	4.958.91	9.17 E-2	4.12 E-3	-22	19	335	6
[O III]	5006.84	3.39 E-1	1.39 E-2	-36	16	345	3
[Fe VI]	5145.80	7.68 E-3	1.26 E-3				
[Fe VII]	5159.00	7.34 E-3	8.50 E-4	-148	20	240	30
[Fe VI]	5176.40	4.07 E-3	5.84 E-4	-87	23	180	17
[N I]	5199.20	4.06 E-3	9.39 E-4	-80	22	260	54
[Fe VII]	5277.80	8.10 E-3	1.45 E-3				
[Fe VII]	5721.10	1.99 E-2	1.06 E-3	-135	17	260	7
He I	5875.65	9.14 E-2	1.33 E-2				
[Fe VII]	6086.90	4.53 E-2	2.83 E-3	-128	15	295	7
[O I]	6300.30	9.03 E-3	5.34 E-4	56	18	360	20
[S III]	6312.10	2.34 E-3	2.78 E-4				
[Fe X]	6374.60	2.38 E-2	1.68 E-3	-138	15	380	16
[N II]	6548.10	8.59 E-3	5.36 E-4	70	22	200	10
Hα	6562.81	2.71 E-0	1.04 E-1			1550	520
[N II]	6583.40	3.47 E-2	1.35 E-3	48	16	300	2
[S II]	6716.40	1.28 E-2	8.91 E-4	43	16	270	24
[S II]	6730.80	1.10 E-2	1.40 E-3	14	16	275	35
[O II]	7319.00	3.28 E03	7.16 E-4	-53	16	175	29
[Fe XI]	7891.90	1.20 E-2	7.66 E-4	-213	14	370	18
[S III]	9069.40	1.92 E-2	1.62 E-3				
[S III]	9532.10	2.97 E-2	1.50 E-3	22	14	300	8

Table A 8: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 705

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	8.07 E-2	1.87 E-2	-43	28	390	61
[O II]	3727.40	9.21 E-2	1.61 E-2	11	19	545	82
Hγ	4340.46	4.87 E-1	2.36 E-2				
[O III]	4363.21	1.74 E-2	9.69 E-4	48	24	515	25
He II	4685.68	4.94 E-3	8.67 E-4				
Hβ	4861.33	1.00 E-0				1460	210
[O III]	4.958.91	1.09 E-1	4.45 E-3	0	19	405	2
[O III]	5006.84	3.76 E-1	1.53 E-2	2	19	425	1
[Fe VI]	5145.80	4.25 E-3	5.28 E-4				
[Fe VII]	5159.00	8.58 E-3	1.05 E-3	-42	22	285	57
[Fe VI]	5176.40	1.20 E-2	1.10 E-3	36	19	385	52
[N I]	5199.20	1.11 E-2	1.18 E-3				
[Fe VII]	5277.80	7.44 E-3	5.60 E-4				
[Fe VI]	5677.00	6.30 E-3	5.27 E-4	-60	18	515	41
[Fe VII]	5721.10	1.88 E-2	9.07 E-4	10	18	400	10
He I	5875.65	1.85 E-1	1.20 E-2				
[Fe VII]	6086.90	3.38 E-2	4.51 E-3	-59	15	455	43
[O I]	6300.30	2.02 E-2	1.61 E-3	30	15	410	19
[Fe X]	6374.60	1.97 E-2	1.92 E-3	-26	16	440	17
[N II]	6548.10	9.66 E-3	5.19 E-4				
Hα	6562.81	2.71 E-0	1.09 E-1			1620	220
[N II]	6583.40	4.64 E-2	2.58 E-3	50	19	320	16
[S II]	6716.40	2.95 E-2	1.37 E-3	109	16	320	11
[S II]	6730.80	3.28 E-2	1.67 E-3	86	16	380	11
[Ar III]	7135.40	1.32 E-2	1.21 E-3	28	15	290	17
[Fe XI]	7891.90	7.39 E-3	6.62 E-4	-87	15	345	38
O I	8446.68	2.61 E-2	1.60 E-3				
[S III]	9069.40	2.08 E-2	9.32 E-4				
[S III]	9532.10	6.76 E-2	8.53 E-3	59	13	475	45

Table A 9: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 1239

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3345.80	7.39 E-2	1.43 E-2	-121	23	615	76
[Ne V]	3425.90	2.04 E-1	2.17 E -2	-127	19	700	33
[Fe VII]	3587.80	5.05 E-2	5.47 E-3	-245	30	600	75
[O II]	3727.40	1.22 E-1	1.11 E-2	-6	23	380	9
[Fe VII]	3760.30	6.92 E-2	6.77 E-3	-319	28	720	94
[Ne III]	3868.80	9.17 E-2	9.50 E-3	-31	21	415	13
[S II]	4076.22	3.61 E-3	4.54 E-4				
Hγ	4340.46	3.48 E-1	3.14 E-2				
[O III]	4363.21	3.36 E-2	2.95 E-3	-11	20	445	22
He II	4685.68	5.66 E-2	5.65 E-3				
Hβ	4861.33	1.00 E-0				730	60
[O III]	4.958.91	2.37 E-1	2.04 E-2	-84	16	400	3
[O III]	5006.84	9.06 E-1	7.80 E-2	-104	15	435	3
[N I]	5199.20	9.96 E-3	1.06 E-3	-58	17	420	30
[Fe VII]	5721.10	3.47 E-2	2.95 E-3	-110	15	625	24
He I	5875.65	9.22 E-2	8.04 E-3				
[Fe VII]	6086.90	1. E-1	7.14 E-3	-182	15	720	10
[Fe X]	6374.60	7.05 E-2	6.15 E-3	-263	14	795	11
[N II]	6548.10	2.09 E-2	1.80 E-3				
Hα	6562.81	3.75 E-0	3.19 E-1			700	60
[N II]	6583.40	7.30 E-2	6.24 E-3	14	20	245	2
He I	6678.14	1.25 E-2	1.34 E-3				
[S II]	6716.40	4.08 E-2	3.50 E-3	20	16	275	3
[S II]	6730.80	3.66 E-2	4.24 E-3	-16	17	285	20
[Ar III]	7135.40	8.01 E-3	1.08 E-3				
[Fe XI]	7891.90	6.54 E-2	5.89 E-3	-380	13	1000	29
O I	8446.68	1.44 e-1	1.27 E-2				
[S III]	9069.40	2.38 E-2	2.06 E-3	-11	15	260	5
[S III]	9532.10	1.19 E-1	1.04 E-2	-26	13	315	3

Table A 10: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of NGC 4051

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	3.99 E-1	4.21 E-2	-85	27	330	4
[O II]	3727.40	4.22 E-1	4.42 E-2	-5	23	520	9
[Fe VII]	3760.30	7.86 E-2	7.07 E-3	-151	25	410	21
[Ne III]	3868.80	2.02 E-1	2.13 E-2	-54	23	280	3
Hγ	4340.46	2.93 E-1	3.09 E-2				
[O III]	4363.21	9.38 E-2	1.04 E-2	-35	19	440	14
He II	4685.68	9.59 E-2	1.07 E-2				
Hβ	4861.33	1.00 E-0				510	50
[O III]	4.958.91	3.72 E-1	3.88 E-2	-75	18	255	1
[O III]	5006.84	1.16 E-0	1.20 E-1	-77	16	260	1
[Fe VI]	5145.80	5.25 E-3	1.06 E-3				
[Fe VII]	5159.00	1.68 E-2	3.99 E-3	27	19	490	18
[N I]	5199.20	2.13 E-2	2.78 E-3	11	18	250	11
[Fe VII]	5277.80	8.60 E-3	1.17 E-3				
[Fe VII]	5721.10	2.71 E-2	3.97 E-3	-38	19	375	11
He I	5875.65	1.03 E-1	1.10 E-2				
[Fe VII]	6086.90	6.50 E-2	3.50 E-3	-64	19	305	6
[O I]	6300.30	5.64 E-2	5.88 E-3	3	19	215	2
[S III]	6312.10	5.01 E-3	6.15 E-4				
[Fe X]	6374.60	6.72 E-2	7.01 E-3	-99	16	370	4
[N II]	6548.10	3.61 E-2	3.86 E-3				
Hα	6562.81	2.98 E-0	3.10 E-1			620	40
[N II]	6583.40	2.26 E-1	2.35 E-2				
He I	6678.14	2.40 E-2	2.67 E-3				
[S II]	6716.40	9.45 E-2	9.93 E-3	13	16	280	4
[S II]	6730.80	9.71 E-2	1.02 E-2	4	16	270	3
[Ar III]	7135.40	1.69 E-2	1.80 E-3	27	18	210	5
[O II]	7319.00	9.18 E-3	1.00 E-3				
[O II]	7330.30	5.18 E3	5.52 E-4				
[Fe XI]	7891.90	4.41 E-2	4.84 E-3	-123	15	335	12
[S III]	9069.40	5.01 E-2	5.26 E-3	9	15	275	5
[S III]	9532.10	1.52 E-1	1.76 E-2	-31	14	195	8

Table A 12: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 486

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	9.81 E-2	1.67 E-2	-150	20	829	70
[Fe II]	3455.95	1.50 E-2	2.51 E-3				
[Fe VII]	3587.80	1.34 E-2	2.22 E-3				
[Ne III]	3868.80	6.84 E-2	5.45 E-3	-196	19	659	25
Hγ	4340.46	5.63 E-1	4.52 E-2				
[O III]	4363.21	1.49 E-2	1.43 E-3	-164	19	634	86
[Ar IV]	4711.30	5.88 E-3	1.15 E-3				
Hβ	4861.33	1.00 E-0				1260	130
[O III]	4.958.91	5.39 E-2	3.48 E-3	-12	17	355	6
[O III]	5006.84	1.79 E-1	1.05 E-2	-39	16	370	2
[Fe VI]	5145.80	2.07 E-3	1.87 E-4				
[Ca V]	5309.20	1.08 E-2	9.61 E-4				
[Fe VI]	5335.20	3.10 E-3	2.59 E-4				
[Fe VII]	5721.10	1.29 E-2	1.38 E-3				
He I	5875.65	7.92 E-2	6.77 E-3				
[Fe VII]	6086.90	2.40 E-2	1.51 E-3	-237	14	1038	37
[O I]	6300.30	3.47 E-3	2.25 E-4	-48	14	397	22
[Fe X]	6374.60	2.39 E-2	1.80 E-3				
[N II]	6548.10	4.84 E-3	2.84 E-4				
Hα	6562.81	2.64 E-0	1.52 E-1			1370	90
[N II]	6583.40	7.57 E-3	5.07 E-4				
[S II]	6730.80	2.51 E-3	9.55 E-4				
[Ar III]	7135.40	1.42 E-3	2.02 E-4				
O I	8446.68	8.59 E-2	5.16 E-3				
[S III]	9532.10	4.38 E-2	2.88 E-3				

Table A 13: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 871

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	2.18 E-1	8.84 E-2	58	17	515	129
[O II]	3727.40	1.21 E-1	2.62 W-2	1	24	390	27
[Ne III]	3868.80	9.45 E-2	2.31 E-2	-63	26	430	75
[S II]	4068.70	2.40 E-2	5.10 E-3				
Hβ	4861.33	1.00 E-0				1020	100
[O III]	4.958.91	2.46 E-1	6.15 E-2	-19	17	260	20
[O III]	5006.84	6.62 E-1	1.22 E-1	-29	16	355	14
[Fe VII]	5721.10	2.73 E-2	5.43 E-3				
He I	5875.65	1.56 E-2	3.39 E-3				
[Fe VII]	6086.90	3.23 E-2	3.67 E-3				
[O I]	6300.30	7.59 E-3	2.27 E-3				
[Fe X]	6374.60	2.93 E-2	7.16 E-3				
[N II]	6548.10	5.70 E-2	1.03 E-2	-23	19	280	14
Hα	6562.81	3.14 E-0	5.63 E-1				
[N II]	6583.40	2.05 E-1	3.63 E-2	-3	16	330	9
[S II]	6716.40	3.11 E-2	6.46 E-3	29	16	220	21
[S II]	6730.80	2.37 E-2	4.89 E-3	-24	18	225	21
[Ar III]	7135.40	1.42 E-3	2.02 E-4				
[Ar V]	7005.70	1.86 E-2	4.24 E-3				
[Ar III]	7751.43	9.45 E-3	8.42 E-3				
[S III]	9069.40	7.11 E-2	1.28 E-2				
[S III]	9532.10	7.34 E-2	1.34 E-2	-65	17	145	12

Table A 14: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Mrk 699

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	3.26 E-1	3.03 E-2	-23	25	325	12
[O II]	3727.40	1.03 E-1	9.25 E-3	6	19	480	37
[Ne III]	3868.80	2.47 E-1	2.41 E-1	17	15	300	10
[Fe XI]	3986.10	1.35 E-2	3.10 E-3				
[S II]	4068.70	2.534 E-2	2.63 E-3	47	30	340	100
Hγ	4340.46	4.32 E-1	1.03 E-2				
[O III]	4363.21	1.09 E-1	1.62 E-2	19	19	360	27
He II	4685.68	9.83 E-2	9.25 E-3				
Hβ	4861.33	1.00 E-0				560	60
[Fe VII]	4893.37	2.89 E-2	3.63 E-3	-10	21	350	46
[Fe VII]	4942.49	1.22 E-2	1.19 E-3				
[O III]	4.958.91	3.45 E-1	2.78 E-2	-15	17	300	3
[Fe VII]	4988.56	7.38 E-3	6.94 E-4				
[O III]	5006.84	1.12 E-0	8.91 E-2	-13	17	310	3
[Fe VII]	5145.80	3.38 E-3	7.57 E-4				
[Fe VI]	5159.00	2.13 E-2	2.42 E-3	-3	19	365	23
[Fe VI]	5176.40	1.52 E-2	1.40 E-3	33	21	395	19
[N I]	5199.20	1.12 E-2	1.15 E-3	-17	18	350	22
[Fe VII]	5277.80	1.36 E-2	1.67 E-3				
[Ca V]	5309.20	2.28 E-2	1.97 E-3	-67	18	395	25
[Fe VI]	5335.20	9.10 E-3	2.07 E-3				
[Fe VII]	5721.10	5.06 E-2	4.15 E-3	8	16	375	9
He I	5875.65	3.51 E-2	3.19 E-3				
[Fe VII]	6086.90	7.65 E-2	5.35 E-3	21	16	340	3
[O I]	6300.30	2.22 E-2	1.84 E-3	-13	16	250	8
[S III]	6312.10	5.62 E-3	4.88 E-4	27	19	330	22
[Fe X]	6374.60	4.19 E-2	3.35 E-3	6	15	335	5
[N II]	6548.10	2.50 E-2	2.07 E-3				
Hα	6562.81	2.93 E-0	2.31 E-1			550	60
[N II]	6583.40	7.20 E-2	5.65 E-3	-12	18	220	2
[S II]	6716.40	2.24 E-2	1.92 E-3	17	16	215	8
[S II]	6730.80	1.77 E-2	1.44 E-3	-6	16	210	3
[Ar V]	7005.70	9.34 E-3	2.12 E-3				
He I	7065.18	2.34 E-2	2.80 E-3				
[Ar III]	7135.40	1.77 E-2	1.68 E-3	-15	16	255	11
[Fe XI]	7891.90	4.22 E-2	5.90 E-3	-51	14	455	75
[S III]	9069.40	4.37 E-2	3.94 E-3				
[S III]	9532.10	5.71 E-2	5.82 E-3	-44	15	255	11

Table A 15: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of 3C 390.3

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	7.92 E-2	8.48 E-3	-88	28	350	20
[O II]	3727.40	9.83 E-2	9.31 E-3	140	19	390	7
[Ne III]	3868.80	9.96 E-2	9.68 E-3	17	19	530	12
[S II]	4076.22	4.15 E-3	6.06 E-4				
Hγ	4340.46	1.18 E-1	2.18 E-2				
[O III]	4363.21	4.41 E-2	7.58 E-3	-28	19	545	46
He II	4685.68	1.40 E-2	1.86 E-3				
Hβ	4861.33	1.00 E-0				2720	80
[O III]	4.958.91	1.78 E-1	1.65 E-2	5	15	430	3
[O III]	5006.84	5.59 E-1	5.16 E-2	15	14	430	1
[Fe VI]	5159.00	5.73 E-3	1.14 E-3	-4	19	530	43
[N I]	5199.20	5.16 E-3	7.17 E-4	120	16	320	17
[Fe VII]	6086.90	1.86 E-2	2.80 E-3	-73	13	730	168
[N II]	6548.10	1.43 E-2	1.43 E-3				
Hα	6562.81	4.14 E-0	3.84 E-1			6808	195
[N II]	6583.40	5.26 E-2	4.92 E-3	5	15	410	7
He I	6678.14	8.67 E-2	8.62 E-3				
[S II]	6716.40	1.50 E-2	1.42 E-3	5	18	370	11
[S II]	6730.80	1.89 E-2	1.86 E-3	43	16	345	11
He I	7065.18	1.10 E-2	1.43 E-3				
[Ar III]	7135.40	1.12 E-2	1.13 E-3				
[S III]	9069.40	1.49 E-2	1.42 E-3	54	15	215	11
[S III]	9532.10	2.30 E-2	2.32 E-3	-43	13	290	15

Table A 16: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of 3C 445

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	7.92 E-2	8.48 E-3	-88	28	350	20
[O II]	3727.40	1.45 E-1	1.31 E-2	61	26	405	22
[Ne III]	3868.80	2.14 E-1	2.65 E-2	-36	19	535	49
Hγ	4340.46	3.89 E-1	5.96 E-2				
[O III]	4363.21	1.03 E-1	1.05 E-2	25	16	775	47
He II	4685.68	1.40 E-2	1.86 E-3				
Hβ	4861.33	1.00 E-0				2010	40
[O III]	4.958.91	3.77 E-1	2.89 E-2	-52	16	340	3
[O III]	5006.84	1.15 E-0	8.81 E-2	-52	15	345	2
[Fe VI]	5159.00	1.26 E-2	1.08 E-3	-100	18	315	35
[N I]	5199.20	5.29 E-3	7.68 E-4				
He I	5875.65	1.10 E-1	1.06 E-2				
[Fe VII]	6086.90	3.81 E-2	3.85 E-3			635	65
[N II]	6548.10	1.56 E-3	1.55 E-4				
Hα	6562.81	2.63 E-0	1.99 E-1			2401	150
[N II]	6583.40	1.21 E-2	9.68 E-4	-22	17	235	8
[S II]	6716.40	2.14 E-2	1.70 E-3	-36	17	340	10
[S II]	6730.80	2.07 E-2	1.63 E-3	-15	16	290	6
[Ar III]	7135.40	7.70 E-3	8.30 E-4	-132	15	425	45
[S III]	9069.40	5.44 E-3	6.82 E-4	-159	14	260	30
[S III]	9532.10	2.00 E-2	1.79 E-3	-119	14	185	5

Table A 17: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of Akn 564

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	1.65 E-1	8.81 E-3	-97	28	395	11
[O II]	3727.40	1.63 E-1	7.28 E-3	-25	27	510	7
[Fe V]	3839.80	2.26 E-3	2.79 E-4				
[Ne III]	3868.80	9.75 E-2	4.11 E-3	-79	30	320	2
[S II]	4068.70	1.96 E-2	1.11 E-3	-29	33	275	13
[S II]	4076.22	4.82 E-3	3.76 E-4				
Hγ	4340.46	2.83 E-1	1.21 E-2				
[O III]	4363.21	4.89 E-2	2.07 E-3	-163	22	385	4
He II	4685.68	1.48 E-1	4.73 E-2				
[Ar IV]	4711.30	1.01 E-2	8.61 E-4	35	20	310	23
Hβ	4861.33	1.00 E-0				590	70
[Fe VII]	4893.37	5.73 E-3	7.50 E-4				
[O III]	4.958.91	2.93 E-1	1.37 E-2	-36	17	265	3
[Fe VII]	4988.56	5.73 E-3	8.82 E-4				
[O III]	5006.84	8.96 E-1	3.73 E-2	-37	18	265	1
[Fe VII]	5145.80	2.83 E-3	2.34 E-4				
[Fe VI]	5159.00	1.01 E-2	8.70 E-4	-116	20	530	21
[N I]	5199.20	2.04 E-2	1.17 E-3	-100	19	290	9
[Fe VI]	5335.20	6.97 E-3	9.68 E-4	-35	21	360	13
[Fe VII]	5721.10	2.31 E-2	1.47 E-3	-152	16	405	14
He I	5875.65	9.92 E-2	5.21 E-3				
[Fe VII]	6086.90	3.64 E-2	1.88 E-3	-174	15	415	8
[O I]	6300.30	5.29 E-2	2.30 E-3	-10	17	250	3
[Fe X]	6374.60	7.10 E-2	4.20 E-3	-350	14	570	17
[N II]	6548.10	6.73 E-3	4.08 E-4				
Hα	6562.81	3.55 E-0	1.47 E-1			620	40
[N II]	6583.40	9.97 E-2	4.37 E-3	15	18	250	5
He I	6678.14	1.73 E-2	1.32 E-3				
[S II]	6716.40	3.88 E-2	3.21 E-3	13	16	260	18
[S II]	6730.80	4.51 E-2	1.99 E-3	26	16	260	3
[Ar V]	7005.70	6.56 E-3	6.05 E-4				
[Ar III]	7135.40	1.69 E-2	8.82 E-4	19	16	250	10
[Ar III]	7751.43	5.38 E-3	1.00 E-3				
[Fe XI]	7891.90	8.31 E-2	3.88 E-3	-354	14	695	12
[S III]	9069.40	5.76 E-2	2.60 E-3	-36	15	235	4
[S III]	9532.10	1.07 E-1	4.66 E-3	-26	14	225	3

Table A 18: Observed Hβ line flux values in units of 10^{-13} erg cm^{-2} s^{-1}

Object	Norm. Flux
Mrk 975	2.21
Mrk 359	0.80
Mrk 573	0.90
NGC 1320	0.26
Akn 120	11.00
Mrk 9	2.58
Mrk 704	3.01
Mrk 705	1.98
Mrk 1239	2.41
NGC 4051	2.61
NGC 4395	0.27
Mrk 486	2.09
Mrk 871	0.40
Mrk 699	0.73
3 C 390.3	3.22
3 C 445	0.92
Akn 564	2.86

Table A 11: Reddening corrected line flux, velocity shift, and line widths measured in the spectrum of NGC 4395

Ion	λ_{lab} (Å)	Flux/Hβ	m.e.	Δv (km/s)	m.e.	FWHM (km/s)	m.e.
[Ne V]	3425.90	3.05 E-1	4.12 E-2	-8	22	240	
[Fe VII]	3455.95	4.21 E-2					
[O II]	3727.40	1.67 E-0	1.54 E-1	-57	18	395	
[Ne III]	3868.80	7.60 E-1	9.17 E-2	-4	15	185	25
[S II]	4068.60	1.54 E-1	3.03 E-2	9	16	200	23
[S II]	4076.22	5.73 E-2	1.04 E-2				
Hγ	4340.46	4.71 E-1	9.57 E-2				
[O III]	4363.21	2.52 E-1	4.54 E-2	-13	13	220	31
He II	4685.68	2.05 E-1	2.27 E-2				
[Ar IV]	4711.30	2.54 E-2	8.65 E-3	-4	18	175	35
Hβ	4861.33	1.00 E-0	1.08 E-1			210	
[O III]	4.958.91	2.11 E-0	1.70 E-1	-9	14	175	30
[O III]	5006.84	6.33 E-0	5.11 E-1	-12	14	155	30
[N I]	5199.20	3.72 E-2	7.08 E-3	-37		220	
[Ca V]	5309.20	1.33 E-2	3.67 E-3				
[Fe VII]	5721.10	2.80 E-2	2.43 E-3	-26	13	245	12
[N II]	5754.60	1.73 E-2	4.62 E-1	-81		245	
He I	5875.65	1.15 E-1	2.91 E-2				
[Fe VII]	6086.90	4.11 E-2	2.34 E-3	-23	13	430	12
[O I]	6300.30	5.96 E-1	8.65 E-2	-14	13	170	15
[Fe X]	6374.60	1.57 E-2	2.38 E-3	30		370	21
[N II]	6548.10	1.18 E-1	1.09 E-2	-32	21	160	25
Hα	6562.81	4.56 E-0	3.78 E-1			210	
[N II]	6583.40	4.14 E-1	3.78 E-2	-22	21	150	25
He I	6678.14	2.33 E-2	4.63 E-3				
[S II]	6716.40	3.98 E-1	7.59 E-2	-13	14	165	12
[S II]	6730.80	4.70 E-1	5.53 E-2	-11	14	165	12
[Ar III]	7135.40	9.80 E-2	1.23 E-2	6		150	35
[O II]	7319.90	9.05 E-2	4.29 E-2	1	18	160	30
[S III]	9069.40	2.44 E-1	2.15 E-2	-41	15	135	48
[S III]	9532.10	7.04 E-1	6.56 E-2			210	48