

LoCuSS: comparison of observed X-ray and lensing galaxy cluster scaling relations with simulations (Corrigendum)

Y.-Y. Zhang^{1,2}, A. Finoguenov^{1,3}, H. Böhringer¹, J.-P. Kneib⁴, G. P. Smith⁵, R. Kneissl⁶, N. Okabe⁷, and H. Dahle⁴

¹ Max-Planck-Institut für extraterrestrische Physik, Giessenbachstraße, 85748 Garching, Germany
e-mail: yyzhang@astro.uni-bonn.de

² Argelander-Institut für Astronomie, Universität Bonn, Auf dem Hügel 71, 53121 Bonn, Germany

³ University of Maryland, Baltimore County, 1000 Hilltop Circle, Baltimore, MD 21250, USA

⁴ OAMP, Laboratoire d'Astrophysique de Marseille, traverse du Siphon, 13012 Marseille, France

⁵ School of Physics and Astronomy, University of Birmingham, Edgbaston, Birmingham, B152TT, UK

⁶ Max-Planck-Institut für Radioastronomie, Auf dem Hügel 69, 53121 Bonn, Germany

⁷ Astronomical institute, Tohoku University, Aramaki, Aoba-ku, Sendai, 980-8578, Japan

[A&A 482, 451–472 \(2008\)](#), DOI: [10.1051/0004-6361:20079103](https://doi.org/10.1051/0004-6361:20079103)

ABSTRACT

The article by Zhang et al. (2008, A&A, 482, 451) contains an error in Table A.1 in online material (p. 3). In preparing the final version of Table A.1, we inadvertently used the wrong conversion from degree to hh:mm:ss, with the result that the cluster coordinates were not correctly tabulated in Table A.1. We note that this does not affect any results in Zhang et al. (2008). Nevertheless, we regret this error and provide the actual cluster coordinates used in our analysis in Table A.1 in the following page.

Key words. cosmology: observations – galaxies: clusters: general – X-rays: galaxies: clusters – dark matter – gravitational lensing – errata, addenda

Acknowledgements. The authors would like to thank Bradford Benson and Marion Schmitz for pointing out this error in the manuscript.

References

Zhang, Y.-Y., Finoguenov, A., Böhringer, H., et al. 2008, A&A, 482, 451

Appendix A: X-ray mass modeling

Table A.1.

Name	X-ray centroid		Id	Date	Filter		Frame	Net exposure (ks)		
	RA	Dec			MOS	pn		MOS1	MOS2	pn
RXC J0043.4-2037	00 : 43 : 24.5	-20 : 37 : 31.2	0042340201	2002-01-04	Thin	Thin	EFF	11.4	11.4	7.1
RXC J0232.2-4420	02 : 32 : 18.8	-44 : 20 : 51.9	0042340301	2002-07-11	Thin	Thin	EFF	12.7	12.1	8.7
RXC J0307.0-2840	03 : 07 : 02.2	-28 : 39 : 55.2	0042340501	2001-02-16	Thin	Thin	EFF	12.4	12.7	9.3
RXC J0516.7-5430	05 : 16 : 35.2	-54 : 30 : 36.8	0205330301	2004-01-13	Thin	Thin	FF	10.6	11.1	8.9
RXC J0528.9-3927	05 : 28 : 52.5	-39 : 28 : 16.7	0042340801	2001-09-15	Thin	Thin	EFF	7.2	6.9	3.7
RXC J0532.9-3701	05 : 32 : 55.9	-37 : 01 : 34.5	0042341801	2002-10-07	Thin	Thin	EFF	10.5	11.3	7.3
RXC J0547.6-3152	05 : 47 : 38.3	-31 : 52 : 28.8	0201900901	2004-03-07	Thin	Thin	EFF	21.8	22.1	17.6
RXC J0645.4-5413	06 : 45 : 30.0	-54 : 13 : 42.1	0201901201	2004-05-07	Thin	Thin	EFF	11.6	12.2	9.6
RXC J0658.5-5556	06 : 58 : 30.2	-55 : 56 : 33.7	0112980201	2000-10-21	Thin	Thin	EFF	25.7	23.7	21.1
RXC J0945.4-0839	09 : 45 : 25.1	-08 : 39 : 11.7	0017540101	2001-12-02	Medium	Medium	FF	7.1	6.4	4.4
RXC J0958.3-1103	09 : 58 : 21.9	-11 : 03 : 48.2	0201903501	2004-06-17	Thin	Thin	EFF	7.9	7.9	5.3
RXC J2129.6+0005	21 : 29 : 39.8	+00 : 05 : 18.5	0093030201	2002-10-29	Medium	Medium	EFF	38.4	39.4	25.6
RXC J2218.6-3853	22 : 18 : 39.9	-38 : 53 : 43.6	0201903001	2004-10-24	Thin	Thin	EFF	20.4	20.3	12.0
RXC J2234.5-3744	22 : 34 : 27.1	-37 : 44 : 07.5	0018741701	2001-05-03	Thin	Thin	FF	6.7	6.6	4.2
RXC J2308.3-0211	23 : 08 : 22.3	-02 : 11 : 32.1	0205330501	2004-06-05	Thin	Thin	FF	9.6	10.0	7.8
RXC J2337.6+0016	23 : 37 : 37.8	+00 : 16 : 15.5	0042341301	2001-12-06	Thin	Thin	EFF	12.4	12.0	8.3
Abell68	00 : 37 : 06.2	+09 : 09 : 28.7	0084230201	2001-12-14	Medium	Medium	EFF	24.9	23.8	18.2
Abell115	00 : 55 : 50.1	+26 : 24 : 35.7	0203220101	2004-07-16	Medium	Medium	EFF	36.0	36.8	29.5
Abell209	01 : 31 : 52.6	-13 : 36 : 35.5	0084230301	2001-01-15	Medium	Medium	EFF	17.3	16.1	12.8
Abell267	01 : 52 : 42.0	+01 : 00 : 41.2	0084230401	2002-01-02	Medium	Medium	EFF	17.2	17.1	12.4
Abell383	02 : 48 : 03.3	-03 : 31 : 43.6	0084230501	2002-08-17	Medium	Medium	EFF	28.1	28.0	21.5
Abell773	09 : 17 : 52.9	+51 : 43 : 19.4	0084230601	2001-04-26	Medium	Medium	EFF	13.0	14.7	15.9
Abell781	09 : 20 : 24.8	+30 : 30 : 05.7	0150620201	2003-04-22	Medium	Medium	FF	14.0	14.1	11.6
Abell901	09 : 55 : 57.7	-09 : 59 : 06.3	0148170101	2003-05-06	Thin	Thin	FF	19.4	18.6	53.2
Abell963	10 : 17 : 03.2	+39 : 02 : 56.5	0084230701	2001-11-02	Medium	Medium	EFF	23.8	24.7	17.9
Abell1413	11 : 55 : 18.3	+23 : 24 : 12.7	0112230501	2000-12-06	Thin	Thin	FF	23.6	24.4	18.8
Abell1689	13 : 11 : 29.3	-01 : 20 : 26.7	0093030101	2001-12-24	Thin	Thin	EFF	36.8	37.0	32.6
Abell1758	13 : 32 : 44.6	+50 : 32 : 46.5	0142860201	2002-11-12	Medium	Medium	FF	38.1	40.1	19.4
Abell1763	13 : 35 : 18.1	+41 : 00 : 03.9	0084230901	2002-12-13	Medium	Medium	EFF	12.3	12.0	9.3
Abell1835	14 : 01 : 01.9	+02 : 52 : 35.5	0098010101	2000-06-28	Thin	Thin	FF	25.3	25.3	24.7
Abell1914	14 : 26 : 00.8	+37 : 49 : 38.8	0112230201	2002-12-18	Thin	Medium	EFF	20.5	21.2	14.5
Abell2204	16 : 32 : 47.1	+05 : 34 : 32.3	0112230301	2001-09-12	Medium	Medium	FF	17.5	18.5	14.3
Abell2218	16 : 35 : 53.8	+66 : 12 : 32.4	0112980101	2002-09-28	Thin	Thin	EFF	16.7	16.9	13.8
Abell2261	17 : 22 : 26.0	+32 : 07 : 47.4	0093031001	2003-08-29	Thin	Thin	EFF	2.7	2.9	0.9
Abell2390	21 : 53 : 37.1	+17 : 41 : 46.4	0111270101	2001-06-19	Thin	Thin	FF	10.3	10.0	8.8
Abell2667	23 : 51 : 39.2	-26 : 05 : 03.5	0148990101	2003-06-21	Medium	Medium	FF	22.2	22.9	14.1
Z7160	14 : 57 : 15.2	+22 : 20 : 31.2	0108670201	2002-08-03	Medium	Medium	FF	31.2	31.6	26.3

Notes. The cluster center is in sky coordinates in epoch J2000. The MOS data are in EE mode except that the MOS1 data of Abell1835 are in window mode, which cannot be used for this work.