

Erratum: On the diversity of superluminous supernovae: ejected mass as the dominant factor

by M. Nicholl,¹ S. J. Smartt,¹ A. Jerkstrand,¹ C. Inserra,¹ S. A. Sim,¹ T.-W. Chen,¹ S. Benetti,² M. Fraser,³ A. Gal-Yam,⁴ E. Kankare,¹ K. Maguire,⁵ K. Smith,¹ M. Sullivan,⁶ S. Valenti,^{7,8} D. R. Young,¹ C. Baltay,⁹ F. E. Bauer,^{10,11,12} S. Baumont,^{13,14} D. Bersier,¹⁵ M.-T. Botticella,¹⁶ M. Childress,^{17,18} M. Dennefeld,¹⁹ M. Della Valle,¹⁶ N. Elias-Rosa,² U. Feindt,^{20,21} L. Galbany,^{11,22} E. Hadjiyska,⁹ L. Le Guillou,^{13,14} G. Leloudas,^{4,23} P. Mazzali,¹⁵ R. McKinnon,⁹ J. Polshaw,¹ D. Rabinowitz,⁹ S. Rostami,⁹ R. Scalzo,¹⁸ B. P. Schmidt,¹⁸ S. Schulze,^{10,11} J. Sollerman,²⁴ F. Taddia²⁴ and F. Yuan¹⁸

¹ Astrophysics Research Centre, School of Mathematics and Physics, Queen's University Belfast, Belfast BT7 1NN, UK

² INAF – Osservatorio Astronomico di Padova, vicolo dell'Osservatorio 5, I-35122 Padova, Italy

³ Institute of Astronomy, University of Cambridge, Madingley Road, Cambridge CB3 0HA, UK

⁴ Benoziyo Center for Astrophysics, Weizmann Institute of Science, Rehovot 76100, Israel

⁵ European Southern Observatory, Karl-Schwarzschild-Str. 2, D-85748 Garching b. München, Germany

⁶ School of Physics and Astronomy, University of Southampton, Southampton SO17 1BJ, UK

⁷ Department of Physics, University of California, Santa Barbara, Broida Hall, Mail Code 9530, Santa Barbara, CA 93106-9530, USA

⁸ Las Cumbres Observatory, Global Telescope Network, 6740 Cortona Drive Suite 102, Goleta, CA 93117, USA

⁹ Department of Physics, Yale University, New Haven, CT 06520-8121, USA

¹⁰ Instituto de Astrofísica, Facultad de Física, Pontificia Universidad Católica de Chile, 306, Santiago 22, Chile

¹¹ Millennium Institute of Astrophysics, Vicuña Mackenna 4860, 7820436 Macul, Santiago, Chile

¹² Space Science Institute, 4750 Walnut Street, Suite 205, Boulder, CO 80301, USA

¹³ Sorbonne Universités, UPMC Univ. Paris 06, UMR 7585, LPNHE, F-75005 Paris, France

¹⁴ CNRS, UMR 7585, Laboratoire de Physique Nucléaire et des Hautes Energies, 4 place Jussieu, F-75005 Paris, France

¹⁵ Astrophysics Research Institute, Liverpool John Moores University, 146 Brownlow Hill, Liverpool L3 5RF, UK

¹⁶ INAF-Osservatorio Astronomico di Capodimonte, Salita Moiariello 16, I-80131 Napoli, Italy

¹⁷ ARC Centre of Excellence for All-sky Astrophysics (CAASTRO), Australian National University, Canberra, ACT 2611, Australia

¹⁸ Research School of Astronomy and Astrophysics, Australian National University, Canberra, ACT 2611, Australia

¹⁹ Institut d'Astrophysique de Paris, CNRS, and Université Pierre et Marie Curie, 98 bis Boulevard Arago, F-75014 Paris, France

²⁰ Institut für Physik, Humboldt-Universität zu Berlin, Newtonstr. 15, D-12489 Berlin, Germany

²¹ Physikalisches Institut, Universität Bonn, Nuellee 12, D-53115 Bonn, Germany

²² Departamento de Astronomía, Universidad de Chile, Casilla 36-D, Santiago, Chile

²³ Dark Cosmology Centre, Niels Bohr Institute, University of Copenhagen, Juliane Maries vej 30, DK-2100 Copenhagen, Denmark

²⁴ Department of Astronomy and the Oskar Klein Centre, Stockholm University, AlbaNova, SE-106 91 Stockholm, Sweden

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This is an erratum to the paper ‘On the diversity of superluminous supernovae: ejected mass as the dominant factor’, published in MNRAS, 2015, 452.

We have noticed that some of the supernova peak magnitudes in Table 1 are given in the wrong rows. The error affected the rows

* E-mail: matt.nicholl@cfa.harvard.edu

‘PS1-11ap’ to ‘PS1-10ky’, with each magnitude displaced downwards by one cell. The nature of this error is purely typographic. Originally, the objects were grouped into high- and low-redshift bins, rather than by wavelength coverage; the error occurred when moving PS1-11ap from the high- z group into the ‘Gold’ coverage group. This does not affect any of the other tables, figures, or analysis in the paper.

Table 1. SLSNe in our sample.

Name	Type	z	M_{griz}^*	Reference
'Gold' sample: rest-frame $gri(z)$ coverage				
SN2007bi	Ic [†]	0.127	−20.20	Gal-Yam et al. (2009)
SN2008es	II	0.205	−21.43	Gezari et al. (2009), Miller et al. (2009)
SN2010gx	Ic	0.230	−20.64	Pastorello et al. (2010), Quimby et al. (2011)
SN2011ke	Ic	0.143	−20.69	Inserra et al. (2013)
SN2011kf	Ic	0.245	−20.80	Inserra et al. (2013)
SN2012il	Ic	0.175	−20.73	Inserra et al. (2013)
SN2013dg	Ic	0.265	−20.30	Nicholl et al. (2014)
SN2013hx	II	0.130	−20.84	Inserra et al. (in preparation)
LSQ12dlf	Ic	0.255	−20.68	Nicholl et al. (2014)
LSQ14mo	Ic	0.253	−19.95	Chen et al. (in preparation)
LSQ14bdq	Ic	0.347	−21.68	Nicholl et al. (2015)
PTF10hgi	Ic	0.100	−19.61	Inserra et al. (2013)
PTF11rks	Ic	0.190	−20.01	Inserra et al. (2013)
PTF12dam	Ic [†]	0.107	−20.56	Nicholl et al. (2013)
CSS121015	II	0.287	−22.00	Benetti et al. (2014)
SSS120810	Ic	0.156	−20.45	Nicholl et al. (2014)
PS1-11ap	Ic [†]	0.524	−20.54	McCrumb et al. (2014)
'Silver' sample: rest-frame g band with bolometric correction				
SN2005ap	Ic	0.283	−21.22	Quimby et al. (2007)
SCP06F6	Ic	1.189	−21.56	Barbary et al. (2009)
PTF09cnd	Ic	0.258	−21.34	Quimby et al. (2011)
PTF09cwl	Ic	0.349	−21.15	Quimby et al. (2011)
PS1-10ky	Ic	0.956	−21.24	Chomiuk et al. (2011)
PS1-10bj	Ic	0.650	−20.32	Lunnan et al. (2013)
iPTF13ajg	Ic	0.740	−21.50	Vreeswijk et al. (2014)

*Pseudo-bolometric magnitude at maximum light; [†]Described in the literature as a slowly declining event.

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