

Erratum: Near-infrared observations of type Ia supernovae: The best known standard candle for cosmology

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This is an erratum to the paper entitled ‘Near-infrared observations of Type Ia supernovae: the best known standard candle for cosmology’, published in MNRAS: Letters 425, 1007 (2012). In compiling the magnitudes for Table 1 of our paper erroneous values for the J band photometry and some H band photometry were listed. The peak magnitudes listed in Table 2 and the analysis of their dispersion and the Hubble diagrams are unaffected.

The corrected table is included here as Table 1.

Table 1. The *J*- and *H*-band photometry for each epoch of each SNe in our sample. Apparent magnitudes have been corrected for Galactic dust extinction but not K-corrected.

SN name	MJD	m_J	m_H
PTF09dlc	55068.14	18.610 ± 0.023	18.813 ± 0.021
	55073.11	18.713 ± 0.040	18.933 ± 0.044
	55085.16	19.805 ± 0.059	19.646 ± 0.050
	55093.18	20.206 ± 0.067	19.635 ± 0.028
PTF10hdv	55340.25	18.321 ± 0.044	18.516 ± 0.052
	55346.25	18.563 ± 0.057	18.766 ± 0.052
	55350.25	19.024 ± 0.085	18.920 ± 0.065
	55354.41	19.495 ± 0.139	19.048 ± 0.085
PTF10hmv	55341.26	–	17.887 ± 0.019
	55346.28	–	17.501 ± 0.026
	55351.30	–	17.595 ± 0.017
	55357.25	–	17.823 ± 0.054
	55358.25	–	17.825 ± 0.019
	55359.26	–	17.826 ± 0.018

Table 1 – continued

SN name	MJD	m_J	m_H
PTF10mwb	55378.41	18.303 ± 0.031	18.429 ± 0.030
	55381.43	17.914 ± 0.027	17.765 ± 0.014
	55386.41	16.920 ± 0.026	17.283 ± 0.012
	55391.43	17.438 ± 0.022	17.569 ± 0.013
	55396.39	17.819 ± 0.023	17.760 ± 0.014
PTF10ndc	55386.43	19.134 ± 0.062	19.249 ± 0.079
	55389.38	19.347 ± 0.088	19.468 ± 0.099
	55393.39	19.570 ± 0.092	19.488 ± 0.107
	55395.35	19.732 ± 0.101	19.519 ± 0.118
PTF10nlg	55386.39	18.586 ± 0.044	18.694 ± 0.039
	55387.33	–	18.500 ± 0.041
	55389.35	–	18.571 ± 0.035
PTF10qyx	55393.36	18.912 ± 0.073	18.770 ± 0.044
	55395.37	19.050 ± 0.059	18.791 ± 0.057
	55422.63	18.889 ± 0.069	19.005 ± 0.046
	55424.56	18.936 ± 0.045	19.121 ± 0.049
PTF10tce	55428.64	19.393 ± 0.076	19.487 ± 0.102
	55433.57	19.891 ± 0.104	19.736 ± 0.088
	55435.41	17.870 ± 0.040	18.047 ± 0.032
	55438.34	17.835 ± 0.036	17.943 ± 0.026
PTF10ufj	55443.50	18.014 ± 0.041	18.164 ± 0.028
	55448.53	18.411 ± 0.059	18.352 ± 0.035
	55447.55	19.406 ± 0.112	19.444 ± 0.079
	55450.64	19.208 ± 0.093	19.241 ± 0.068
PTF10wnm	55455.50	19.237 ± 0.100	19.202 ± 0.061
	55460.58	19.688 ± 0.238	19.544 ± 0.097
	55469.38	18.751 ± 0.055	18.952 ± 0.044
	55471.48	18.680 ± 0.052	18.822 ± 0.040
	55476.27	18.716 ± 0.053	18.984 ± 0.069
	55481.28	19.112 ± 0.072	19.262 ± 0.126

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Table 1 – continued

SN name	MJD	m_J	m_H
PTF10wof	55470.33	18.323 ± 0.030	18.488 ± 0.033
	55473.29	18.438 ± 0.039	18.592 ± 0.042
	55478.24	18.726 ± 0.063	18.855 ± 0.051
	55483.29	19.308 ± 0.071	19.173 ± 0.061
PTF10xyt	55486.26	18.364 ± 0.051	18.501 ± 0.118
	55492.24	18.524 ± 0.047	18.255 ± 0.179
	55496.21	–	18.514 ± 0.238
	55498.20	–	18.814 ± 0.227

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