

Table 7: SNID Classification Information

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 1989A	Ia	Ia-norm	0.0087 (0.0014)	83.3 (7.4)	13.1	sn99dk	(Ia-norm)	0.0088	(0.0044)	71.83	(6.95)	6
SN 1989B	Ia	Ia-norm	0.0055 (0.0039)	7.5 (1.4)	17.4	sn05ki	(Ia-norm)	0.0043	(0.0031)	7.96	(1.49)	14
SN 1989B	Ia	Ia-norm	0.0046 (0.0041)	23.6 (-1.0)	10.9	sn99dk	(Ia-norm)	0.0042	(0.0048)	23.62	(0.68)	2
SN 1989B	Ia	Ia-norm	0.0032 (0.0015)	87.3 (13.2)	19.5	sn08ec	(Ia-norm)	0.0033	(0.0027)	71.57	(9.95)	16
SN 1989B	Ia	Ia-norm	0.0029 (0.0015)	...	15.7	sn02fk	(Ia-norm)	0.0035	(0.0035)	148.74	(38.33)	9
SN 1989M	Ia	Ia-norm	0.0014 (0.0053)	...	17.2	sn89B	(Ia-norm)	0.0043	(0.0036)	-6.30	(5.85)	9
SN 1989M	Ia	Ia-norm	0.0022 (0.0054)	...	13.1	sn92A	(Ia-norm)	0.0065	(0.0041)	6.30	(4.96)	10
SN 1989M	Ia	Ia-norm	0.0072 (0.0018)	...	10.8	sn90N	(Ia-norm)	0.0059	(0.0053)	213.40	(0.00)	1
SN 1989M	Ia	Ia-norm	0.0061 (0.0000)	...	8.0	sn90N	(Ia-norm)	0.0061	(0.0073)	332.50	(0.00)	1
SN 1990G	Ia	Ia-norm	0.0365 (0.0047)	9.3 (1.1)	24.2	sn98bu	(Ia-norm)	0.0359	(0.0022)	9.30	(3.25)	51
SN 1990M	Ia	Ia-norm	0.0082 (0.0000)	216.9 (-1.0)	10.4	sn98bu	(Ia-norm)	0.0082	(0.0057)	208.00	(6.29)	2
SN 1990M	Ia	Ia-norm	0.0077 (0.0019)	...	12.5	sn02cs	(Ia-norm)	0.0091	(0.0046)	31.28	(0.00)	1
SN 1990M	Ia	...	0.0080 (0.0042)	...	12.5	sn91T	(Ia-91T)	0.0101	(0.0042)	24.80	(12.41)	201
SN 1990M	Ia	...	0.0081 (0.0044)	...	13.3	sn99aa	(Ia-99aa)	0.0060	(0.0042)	59.43	(21.88)	172
SN 1990M	...	...	...	...	...	...	...	...	...	...	...	...
SN 1990O	Ia	Ia-norm	0.0291 (0.0025)	15.1 (1.1)	25.6	sn07qe	(Ia-norm)	0.0318	(0.0024)	16.00	(1.65)	22
SN 1990O	Ia	...	0.0287 (0.0042)	...	19.9	sn99dq	(Ia-99aa)	0.0310	(0.0026)	24.09	(17.54)	275
SN 1990O	Ia	Ia-norm	0.0299 (0.0017)	55.1 (5.2)	16.1	sn02bo	(Ia-norm)	0.0284	(0.0032)	56.35	(7.54)	13
SN 1990N	Ia	Ia-norm	0.0052 (0.0054)	7.1 (2.8)	22.5	sn95D	(Ia-norm)	0.0030	(0.0022)	8.10	(2.93)	22
SN 1990N	Ia	Ia-norm	0.0033 (0.0019)	18.7 (3.7)	18.0	sn05cf	(Ia-norm)	0.0019	(0.0032)	18.69	(3.20)	30
SN 1990N	Ia	Ia-norm	0.0031 (0.0008)	43.1 (4.3)	16.6	sn99dk	(Ia-norm)	0.0021	(0.0034)	44.20	(7.14)	41
SN 1990N	...	...	...	...	...	...	...	...	...	...	...	...
SN 1990N	Ia	Ia-norm	0.0043 (0.0013)	...	19.0	sn94D	(Ia-norm)	0.0043	(0.0031)	115.09	(41.77)	10
SN 1990R	Ia	Ia-norm	0.0175 (0.0010)	41.3 (1.4)	17.5	sn94D	(Ia-norm)	0.0178	(0.0029)	43.20	(4.29)	34
SN 1990R	Ia	...	0.0183 (0.0042)	...	15.5	sn99aa	(Ia-99aa)	0.0332	(0.0036)	26.20	(19.30)	239
SN 1990R	Ia	Ia-norm	0.0150 (0.0013)	91.1 (2.8)	18.2	sn94D	(Ia-norm)	0.0172	(0.0030)	74.23	(12.81)	14
SN 1990Y	Ia	Ia-norm	0.0410 (0.0013)	16.1 (2.3)	12.7	sn02bg	(Ia-norm)	0.0397	(0.0045)	-3.65	(7.14)	8
SN 1991B	Ia	Ia-norm	0.0096 (0.0021)	40.5 (-1.0)	11.3	sn05de	(Ia-norm)	0.0089	(0.0045)	40.49	(3.43)	2
SN 1991B	Ia	Ia-norm	0.0098 (0.0009)	57.1 (4.2)	15.3	sn04ey	(Ia-norm)	0.0097	(0.0035)	51.49	(6.27)	17
SN 1991B	Ia	...	0.0133 (0.0045)	...	14.5	sn08ds	(Ia-99aa)	0.0109	(0.0033)	63.44	(28.87)	182
SN 1991K	...	...	...	...	...	...	...	...	...	...	...	...
SN 1991K	Ia	Ia-norm	0.0189 (0.0007)	91.1 (16.8)	12.0	sn07af	(Ia-norm)	0.0188	(0.0043)	91.06	(15.17)	4
SN 1991M	Ia	Ia-norm	0.0055 (0.0010)	22.5 (-1.0)	10.6	sn01bg	(Ia-norm)	0.0066	(0.0051)	18.91	(2.52)	2
SN 1991M	Ia	Ia-norm	0.0066 (0.0014)	...	9.1	sn05de	(Ia-norm)	0.0062	(0.0056)	40.49	(7.97)	89
SN 1991M	Ia	Ia-pec	0.0096 (0.0009)	146.4 (-1.0)	14.1	sn00cx	(Ia-pec)	0.0091	(0.0045)	146.31	(0.06)	2
SN 1991M	Ia	Ia-norm	0.0098 (0.0007)	...	10.1	sn90N	(Ia-norm)	0.0089	(0.0054)	213.40	(0.00)	1
SN 1991O	Ia	Ia-91bg	0.0365 (0.0028)	...	12.4	sn06em	(Ia-91bg)	0.0391	(0.0060)	20.95	(0.00)	1
SN 1991S	Ia	Ia-norm	0.0556 (0.0021)	38.5 (7.1)	8.7	sn94D	(Ia-norm)	0.0556	(0.0051)	43.20	(11.50)	124
SN 1991T	Ia	Ia-91T	0.0029 (0.0012)	-5.6 (-1.0)	8.6	sn95ac	(Ia-91T)	0.0053	(0.0057)	-5.61	(2.39)	2
SN 1991T	Ia	Ia-91T	0.0037 (0.0015)	...	14.5	sn97br	(Ia-91T)	0.0042	(0.0037)	-7.40	(0.00)	1
SN 1991T	Ia	Ia-norm	0.0041 (0.0015)	...	16.2	sn94ae	(Ia-norm)	0.0052	(0.0037)	9.40	(0.00)	1
SN 1991T	Ia	...	0.0081 (0.0042)	...	14.8	sn98es	(Ia-99aa)	0.0057	(0.0038)	78.70	(28.43)	143
SN 1991T	Ia	Ia-norm	0.0061 (0.0011)	87.3 (6.1)	14.6	sn94D	(Ia-norm)	0.0070	(0.0040)	87.19	(13.58)	12
SN 1991T	...	...	...	...	...	...	...	...	...	...	...	...
SN 1991T	Ia	...	0.0082 (0.0078)	...	23.1	sn94D	(Ia-norm)	0.0080	(0.0028)	115.09	(91.53)	49
SN 1991T	...	...	...	...	...	...	...	...	...	...	...	...
SN 1991T	...	...	...	...	...	...	...	...	...	...	...	...
SN 1991am	Ia	Ia-norm	0.0604 (0.0022)	16.4 (2.9)	16.6	sn89B	(Ia-norm)	0.0602	(0.0030)	13.40	(3.79)	21
SN 1991ak	Ia	Ia-norm	0.0114 (0.0010)	41.5 (2.0)	15.9	sn94D	(Ia-norm)	0.0115	(0.0031)	43.20	(4.26)	31
SN 1991ak	Ia	Ia-norm	0.0112 (0.0016)	57.5 (1.5)	19.3	sn02cr	(Ia-norm)	0.0100	(0.0023)	57.47	(3.98)	13
SN 1991ak	Ia	...	0.0124 (0.0042)	...	20.2	sn08ds	(Ia-99aa)	0.0104	(0.0023)	63.44	(26.22)	202
SN 1991at	Ia	Ia-norm	0.0429 (0.0021)	36.4 (5.1)	12.2	sn04dt	(Ia-norm)	0.0416	(0.0036)	31.97	(8.38)	12
SN 1991as	Ia	...	0.0135 (0.0042)	...	17.4	sn00cx	(Ia-pec)	0.0140	(0.0034)	88.93	(77.90)	78
SN 1991ay	Ia	Ia-norm	0.0487 (0.0016)	14.5 (1.4)	17.8	sn95D	(Ia-norm)	0.0471	(0.0033)	16.10	(4.14)	31
SN 1991bd	Ia	Ia-norm	0.0144 (0.0044)	23.6 (-1.0)	11.6	sn99dk	(Ia-norm)	0.0139	(0.0049)	23.62	(1.36)	2
SN 1991bc	Ia	Ia-norm	0.0223 (0.0026)	17.7 (2.9)	24.0	sn90N	(Ia-norm)	0.0219	(0.0024)	17.70	(4.24)	33
SN 1991bc	Ia	...	0.0233 (0.0039)	...	14.9	sn91T	(Ia-91T)	0.0202	(0.0035)	75.20	(22.67)	259
SN 1991bb	Ia	Ia-norm	0.0259 (0.0032)	10.2 (-1.0)	25.6	sn02er	(Ia-norm)	0.0270	(0.0023)	12.40	(2.20)	27
SN 1991bb	Ia	Ia-norm	0.0249 (0.0006)	50.0 (6.0)	12.7	sn94D	(Ia-norm)	0.0259	(0.0041)	48.00	(5.79)	6
SN 1991bf	Ia	Ia-norm	0.0324 (0.0051)	...	10.8	sn01ep	(Ia-norm)	0.0323	(0.0046)	28.46	(0.00)	1
SN 1991bg	Ia	Ia-91bg	0.0020 (0.0027)	1.0 (3.2)	12.8	sn03Y	(Ia-91bg)	0.0031	(0.0044)	-2.82	(2.59)	5
SN 1991bg	Ia	Ia-91bg	0.0012 (0.0024)	-1.5 (1.2)	13.7	sn99by	(Ia-91bg)	0.0021	(0.0037)	-2.80	(1.08)	3
SN 1991bg	Ia	Ia-91bg	0.0013 (0.0010)	20.5 (1.9)	12.7	sn03Y	(Ia-91bg)	0.0017	(0.0047)	20.55	(1.26)	3
SN 1991bg	Ia	Ia-91bg	0.0020 (0.0028)	20.5 (0.7)	10.9	sn05bl	(Ia-91bg)	0.0019	(0.0048)	17.19	(6.93)	13

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 1991bg
SN 1991bg	Ia	...	0.0043 (0.0047)	...	7.5	sn99by	(Ia-91bg)	0.0019	(0.0066)	42.10	(20.48)	32
SN 1991bg	...	...	...	...	...	...	...	...	...	...	...	...
SN 1991bg	Ia	Ia-91bg	0.0018 (0.0000)	...	5.7	sn99by	(Ia-91bg)	0.0018	(0.0064)	182.26	(0.00)	1
SN 1991bh	Ia	Ia-norm	0.0280 (0.0028)	51.5 (6.9)	9.6	sn02bo	(Ia-norm)	0.0257	(0.0051)	56.35	(19.04)	52
SN 1991bj	Ia	Ia-02cx	0.0175 (0.0013)	23.0 (2.9)	15.7	sn02cx	(Ia-02cx)	0.0184	(0.0022)	18.20	(4.20)	14
SN 1992G	Ia	Ia-norm	0.0057 (0.0021)	...	17.0	sn07bc	(Ia-norm)	0.0063	(0.0033)	16.35	(13.74)	42
SN 1992G	Ia	Ia-norm	0.0060 (0.0011)	50.0 (-1.0)	36.5	sn94D	(Ia-norm)	0.0057	(0.0014)	48.96	(9.36)	41
SN 1992G	Ia	Ia-norm	0.0058 (0.0011)	57.5 (2.2)	20.9	sn98bu	(Ia-norm)	0.0067	(0.0024)	57.10	(10.84)	26
SN 1992G	Ia	Ia-norm	0.0052 (0.0013)	72.5 (13.1)	15.6	sn94ae	(Ia-norm)	0.0051	(0.0032)	70.00	(12.24)	16
SN 1992G	Ia	Ia-norm	0.0051 (0.0012)	87.8 (1.3)	17.1	sn07fs	(Ia-norm)	0.0042	(0.0032)	91.35	(14.20)	11
SN 1992G	Ia	Ia-norm	0.0054 (0.0012)	123.6 (15.4)	18.9	sn94ae	(Ia-norm)	0.0052	(0.0028)	123.60	(15.43)	13
SN 1992G	Ia	Ia-norm	0.0053 (0.0013)	123.6 (-1.0)	18.1	sn94ae	(Ia-norm)	0.0053	(0.0029)	123.60	(15.89)	12
SN 1992G	Ia	Ia-norm	0.0070 (0.0028)	87.3 (9.5)	8.3	sn07fs	(Ia-norm)	0.0052	(0.0058)	91.35	(24.32)	21
SN 1992M	Ia	Ia-norm	0.0527 (0.0023)	12.5 (3.6)	8.2	sn06N	(Ia-norm)	0.0532	(0.0085)	11.87	(8.20)	68
SN 1992M	Ia	Ia-norm	0.0529 (0.0000)	...	5.0	sn95D	(Ia-norm)	0.0529	(0.0078)	16.10	(0.00)	1
SN 1992ah	Ia	Ia-norm	0.0218 (0.0032)	8.9 (1.4)	22.6	sn06ev	(Ia-norm)	0.0229	(0.0026)	11.03	(2.50)	29
SN 1992ap	Ia	Ia-norm	0.0327 (0.0017)	50.0 (4.1)	20.8	sn94D	(Ia-norm)	0.0320	(0.0023)	48.96	(8.09)	26
SN 1993C	Ia	Ia-norm	0.0108 (0.0008)	...	14.2	sn02ha	(Ia-norm)	0.0120	(0.0039)	38.55	(13.14)	14
SN 1993C	Ia	Ia-norm	0.0114 (0.0011)	87.8 (1.1)	13.8	sn94ae	(Ia-norm)	0.0119	(0.0037)	87.80	(1.12)	4
SN 1993C	Ia	Ia-norm	0.0122 (0.0001)	153.4 (-1.0)	10.6	sn94ae	(Ia-norm)	0.0121	(0.0052)	153.40	(21.07)	2
SN 1993Y	Ia	Ia-norm	0.0181 (0.0017)	...	18.2	sn07fs	(Ia-norm)	0.0181	(0.0033)	29.49	(9.65)	39
SN 1993aa	Ia	Ia-91bg	0.0253 (0.0022)	...	12.2	sn07ba	(Ia-91bg)	0.0250	(0.0047)	8.01	(7.44)	8
SN 1993Z	Ia	Ia-pec	0.0028 (0.0001)	41.4 (-1.0)	10.8	sn00cx	(Ia-pec)	0.0028	(0.0061)	41.40	(0.07)	2
SN 1993Z	Ia	Ia-norm	0.0039 (0.0012)	49.6 (5.3)	12.0	sn02bo	(Ia-norm)	0.0039	(0.0050)	44.48	(5.11)	5
SN 1993Z	Ia	Ia-norm	0.0059 (0.0007)	79.4 (5.8)	17.2	sn02bo	(Ia-norm)	0.0061	(0.0032)	79.40	(5.83)	3
SN 1993Z	Ia	Ia-norm	0.0062 (0.0000)	...	10.7	sn02bo	(Ia-norm)	0.0062	(0.0056)	83.30	(0.00)	1
SN 1993Z	Ia	Ia-norm	0.0049 (0.0000)	...	10.2	sn04ef	(Ia-norm)	0.0048	(0.0061)	84.60	(0.00)	1
SN 1993Z	Ia	Ia-norm	0.0081 (0.0035)	85.5 (9.4)	9.8	sn98ef	(Ia-norm)	0.0062	(0.0062)	85.52	(43.60)	9
SN 1993Z	Ia	Ia-norm	0.0077 (0.0018)	85.5 (16.3)	7.6	sn98ef	(Ia-norm)	0.0055	(0.0078)	85.52	(43.60)	9
SN 1993Z	Ia	...	0.0077 (0.0020)	...	8.7	sn02er	(Ia-norm)	0.0099	(0.0067)	213.00	(76.76)	36
SN 1993Z	Ia	Ia-norm	0.0096 (0.0029)	76.3 (7.9)	6.1	sn98ef	(Ia-norm)	0.0056	(0.0102)	85.52	(6.98)	3
SN 1993ab	Ia	Ia-norm	0.0151 (0.0008)	87.3 (9.4)	15.3	sn07fs	(Ia-norm)	0.0153	(0.0034)	91.35	(7.82)	9
SN 1993ac	Ia	Ia-norm	0.0457 (0.0031)	10.1 (1.9)	24.7	sn01en	(Ia-norm)	0.0482	(0.0026)	10.09	(2.91)	54
SN 1993ac	Ia	Ia-norm	0.0482 (0.0021)	29.4 (2.8)	17.6	sn02bo	(Ia-norm)	0.0492	(0.0037)	29.40	(7.06)	22
SN 1993ae	Ia	Ia-norm	0.0184 (0.0019)	...	19.0	sn04fz	(Ia-norm)	0.0194	(0.0031)	17.56	(11.68)	60
SN 1993ae	Ia	Ia-norm	0.0197 (0.0014)	59.1 (9.7)	13.3	sn94ae	(Ia-norm)	0.0185	(0.0038)	70.00	(8.69)	4
SN 1993ai	Ia	Ia-norm	0.0363 (0.0020)	18.7 (1.9)	24.8	sn07bm	(Ia-norm)	0.0361	(0.0025)	20.45	(10.09)	52
SN 1993aj	Ia	Ia-norm	0.0788 (0.0020)	14.5 (4.0)	11.8	sn05kc	(Ia-norm)	0.0795	(0.0040)	12.19	(3.43)	6
SN 1993aj	Ia	Ia-norm	0.0747 (0.0000)	...	10.2	sn89B	(Ia-norm)	0.0746	(0.0048)	49.20	(0.00)	1
SN 1993aj	Ia	Ia-pec	0.0811 (0.0000)	30.4 (-1.0)	10.9	sn00cx	(Ia-pec)	0.0811	(0.0048)	30.40	(0.24)	2
SN 1994B	Ia	Ia-norm	0.0875 (0.0063)	...	14.2	sn94ae	(Ia-norm)	0.0865	(0.0037)	2.30	(5.03)	9
SN 1994B	Ia	Ia-norm	0.0886 (0.0024)	14.1 (1.7)	12.7	sn98bu	(Ia-norm)	0.0890	(0.0043)	14.30	(2.41)	10
SN 1994E	Ia	...	0.0649 (0.0040)	...	9.5	sn91T	(Ia-91T)	0.0633	(0.0058)	67.60	(12.29)	135
SN 1994J	...	...	...	...	...	...	...	...	...	...	...	...
SN 1994D	Ia	Ia-norm	-0.0025 (0.0025)	-5.5 (-1.0)	13.3	sn04ef	(Ia-norm)	0.0002	(0.0053)	-5.52	(1.59)	2
SN 1994D	Ia	Ia-norm	-0.0004 (0.0022)	-5.5 (-1.0)	14.4	sn04ef	(Ia-norm)	0.0012	(0.0050)	-5.52	(1.14)	3
SN 1994D	Ia	Ia-norm	-0.0039 (0.0049)	-4.4 (2.6)	8.8	sn02he	(Ia-norm)	0.0011	(0.0060)	-1.03	(3.40)	10
SN 1994D	Ia	Ia-norm	-0.0006 (0.0054)	-6.4 (2.4)	9.7	sn06kf	(Ia-norm)	0.0024	(0.0061)	-7.66	(2.45)	13
SN 1994D	Ia	Ia-norm	0.0055 (0.0050)	1.3 (2.7)	12.0	sn94ae	(Ia-norm)	0.0012	(0.0044)	1.30	(2.54)	3
SN 1994D	Ia	Ia-norm	0.0048 (0.0052)	1.1 (2.1)	14.3	sn94ae	(Ia-norm)	0.0004	(0.0037)	1.30	(1.92)	5
SN 1994D	Ia	Ia-norm	0.0026 (0.0044)	...	16.8	sn06kf	(Ia-norm)	0.0017	(0.0030)	-1.75	(3.05)	13
SN 1994D	Ia	Ia-norm	0.0023 (0.0043)	-1.6 (3.4)	16.5	sn06kf	(Ia-norm)	0.0024	(0.0030)	-1.75	(2.84)	24
SN 1994D	Ia	...	0.0008 (0.0045)	...	26.4	sn08ds	(Ia-99aa)	0.0013	(0.0021)	21.43	(25.15)	237
SN 1994D	Ia	Ia-norm	0.0013 (0.0014)	28.8 (4.8)	16.0	sn00dk	(Ia-norm)	0.0005	(0.0034)	28.76	(6.83)	31
SN 1994D	Ia	Ia-norm	0.0019 (0.0011)	33.0 (6.1)	24.0	sn08ec	(Ia-norm)	0.0008	(0.0024)	30.18	(6.23)	55
SN 1994D	Ia	Ia-norm	0.0017 (0.0011)	37.8 (7.0)	28.7	sn95D	(Ia-norm)	0.0004	(0.0018)	37.80	(6.99)	64
SN 1994D	Ia	Ia-norm	0.0020 (0.0019)	41.5 (4.2)	18.7	sn98bu	(Ia-norm)	0.0022	(0.0027)	44.10	(9.00)	41
SN 1994D	Ia	Ia-norm	0.0021 (0.0013)	59.1 (4.5)	23.7	sn98bu	(Ia-norm)	0.0023	(0.0021)	59.12	(11.72)	23
SN 1994D	Ia	Ia-norm	0.0013 (0.0012)	59.1 (11.6)	29.9	sn98bu	(Ia-norm)	0.0021	(0.0017)	59.12	(11.60)	23
SN 1994D	Ia	Ia-norm	0.0019 (0.0013)	59.1 (-1.0)	23.9	sn02cr	(Ia-norm)	-0.0001	(0.0019)	57.47	(9.27)	13
SN 1994D	Ia	Ia-norm	0.0012 (0.0015)	59.1 (-1.0)	21.3	sn98bu	(Ia-norm)	0.0021	(0.0022)	59.12	(7.66)	11
SN 1994D	Ia	Ia-norm	0.0010 (0.0010)	87.3 (2.7)	17.2	sn07fs	(Ia-norm)	0.0008	(0.0032)	91.35	(7.36)	9
SN 1994D	Ia	Ia-norm	0.0011 (0.0008)	91.3 (4.9)	15.0	sn04ef	(Ia-norm)	0.0001	(0.0038)	84.60	(13.71)	7
SN 1994D	Ia	...	0.0028 (0.0016)	...	14.2	sn00cx	(Ia-pec)	0.0036	(0.0042)	96.80	(60.90)	46

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 1994Q	Ia	Ia-norm	0.0304 (0.0022)	10.2 (1.4)	15.7	sn05kc	(Ia-norm)	0.0292	(0.0034)	10.22	(1.90)	11
SN 1994Q	Ia	Ia-norm	0.0313 (0.0016)	42.1 (2.9)	17.8	sn98bu	(Ia-norm)	0.0316	(0.0031)	43.10	(11.14)	71
SN 1994Q	Ia	...	0.0341 (0.0040)	...	17.4	sn91T	(Ia-91T)	0.0304	(0.0031)	75.20	(23.27)	287
SN 1994S	Ia	Ia-norm	0.0171 (0.0042)	1.3 (2.9)	35.1	sn94ae	(Ia-norm)	0.0169	(0.0015)	1.30	(2.88)	21
SN 1994T	Ia	Ia-norm	0.0345 (0.0008)	38.2 (6.1)	13.3	sn94ae	(Ia-norm)	0.0330	(0.0043)	40.10	(7.06)	24
SN 1994U	Ia	Ia-norm	0.0079 (0.0052)	7.7 (0.1)	22.9	sn07af	(Ia-norm)	0.0057	(0.0023)	3.85	(2.06)	21
SN 1994X	Ia	Ia-norm	0.0566 (0.0018)	...	14.3	sn02er	(Ia-norm)	0.0608	(0.0045)	33.20	(7.59)	49
SN 1994ab	Ia	Ia-norm	0.0343 (0.0016)	20.4 (1.8)	13.5	sn89B	(Ia-norm)	0.0337	(0.0033)	20.40	(1.73)	10
SN 1994ae	Ia	Ia-norm	0.0034 (0.0014)	91.3 (11.6)	17.9	sn07fs	(Ia-norm)	0.0029	(0.0030)	91.35	(11.58)	12
SN 1994ae	Ia	Ia-norm	0.0047 (0.0015)	...	14.4	sn94D	(Ia-norm)	0.0047	(0.0040)	83.10	(23.81)	8
SN 1994ae	...	...	...	...	...	...	...	...	...	...	...	...
SN 1995A	Ia	Ia-norm	0.0299 (0.0000)	...	10.3	sn02bo	(Ia-norm)	0.0299	(0.0048)	72.50	(0.00)	1
SN 1995C	Ia	Ia-norm	0.0263 (0.0012)	25.8 (3.5)	23.4	sn02er	(Ia-norm)	0.0287	(0.0022)	23.44	(8.26)	71
SN 1995D	Ia	Ia-norm	0.0093 (0.0043)	3.3 (2.8)	18.9	sn94ae	(Ia-norm)	0.0073	(0.0028)	6.40	(2.07)	18
SN 1995D	Ia	Ia-norm	0.0072 (0.0012)	32.4 (5.3)	20.4	sn94D	(Ia-norm)	0.0065	(0.0028)	29.99	(7.23)	77
SN 1995D	Ia	Ia-norm	0.0075 (0.0012)	53.9 (4.8)	23.0	sn94D	(Ia-norm)	0.0067	(0.0021)	48.96	(10.91)	35
SN 1995D	Ia	...	0.0070 (0.0045)	...	15.4	sn08ds	(Ia-99aa)	0.0077	(0.0034)	92.83	(30.36)	85
SN 1995E	Ia	Ia-norm	0.0127 (0.0045)	1.3 (-1.0)	26.2	sn06dw	(Ia-norm)	0.0118	(0.0021)	1.07	(3.23)	47
SN 1995E	Ia	Ia-norm	0.0103 (0.0013)	...	11.1	sn94D	(Ia-norm)	0.0112	(0.0044)	46.20	(0.00)	1
SN 1995L	Ia	Ia-norm	0.0255 (0.0012)	121.8 (7.3)	14.9	sn07af	(Ia-norm)	0.0250	(0.0035)	113.82	(18.29)	6
SN 1995T	Ia	...	0.0561 (0.0075)	...	12.8	sn91T	(Ia-91T)	0.0560	(0.0044)	10.90	(6.09)	108
SN 1995ac	Ia	Ia-91T	0.0480 (0.0012)	-6.4 (2.0)	15.0	sn97br	(Ia-91T)	0.0462	(0.0038)	-4.00	(1.75)	3
SN 1995ac	Ia	Ia-norm	0.0492 (0.0016)	27.6 (3.2)	14.2	sn98ef	(Ia-norm)	0.0502	(0.0046)	28.51	(5.44)	36
SN 1995ak	Ia	Ia-norm	0.0236 (0.0011)	28.8 (4.0)	13.6	sn06dw	(Ia-norm)	0.0244	(0.0054)	28.28	(4.17)	7
SN 1995al	Ia	...	0.0030 (0.0045)	...	13.7	sn07fs	(Ia-norm)	-0.0001	(0.0042)	51.13	(19.31)	313
SN 1995al	Ia	Ia-norm	0.0047 (0.0010)	39.9 (7.3)	18.9	sn99dk	(Ia-norm)	0.0040	(0.0030)	44.20	(8.29)	49
SN 1996O	Ia	Ia-norm	0.0361 (0.0005)	64.0 (7.1)	21.6	sn94D	(Ia-norm)	0.0370	(0.0024)	59.10	(7.24)	15
SN 1996P	Ia	Ia-norm	0.0153 (0.0011)	55.1 (4.6)	17.4	sn04ey	(Ia-norm)	0.0156	(0.0027)	51.49	(7.08)	24
SN 1996ai	Ia	Ia-norm	0.0022 (0.0010)	1.5 (1.9)	12.0	sn94ae	(Ia-norm)	0.0040	(0.0042)	1.30	(1.74)	6
SN 1996ai	Ia	Ia-99aa	0.0033 (0.0000)	...	10.9	sn08ds	(Ia-99aa)	0.0033	(0.0050)	-0.08	(0.00)	1
SN 1996ai	Ia	Ia-norm	0.0037 (0.0043)	2.4 (3.3)	21.2	sn07A	(Ia-norm)	0.0019	(0.0025)	2.37	(3.27)	13
SN 1996ai	Ia	...	0.0021 (0.0041)	...	11.2	sn08ds	(Ia-99aa)	0.0038	(0.0059)	51.91	(17.01)	120
SN 1996ai	Ia	Ia-norm	0.0041 (0.0007)	41.0 (3.5)	11.4	sn05de	(Ia-norm)	0.0039	(0.0050)	40.49	(3.31)	8
SN 1996bv	Ia	Ia-norm	0.0158 (0.0004)	18.9 (-1.0)	12.4	sn05cf	(Ia-norm)	0.0158	(0.0039)	18.69	(2.24)	3
SN 1997E	Ia	Ia-norm	0.0126 (0.0012)	28.8 (5.4)	20.2	sn02eu	(Ia-norm)	0.0122	(0.0028)	33.44	(8.32)	63
SN 1997T	Ia	Ia-norm	0.0423 (0.0020)	18.4 (2.8)	14.5	sn07fs	(Ia-norm)	0.0420	(0.0034)	22.67	(2.61)	16
SN 1997Y	Ia	Ia-norm	0.0190 (0.0045)	1.2 (1.8)	24.3	sn00dn	(Ia-norm)	0.0151	(0.0023)	-1.04	(3.08)	46
SN 1997bp	Ia	Ia-norm	-0.0024 (0.0042)	-1.2 (-1.0)	12.2	sn02bo	(Ia-norm)	0.0065	(0.0050)	-1.20	(2.23)	2
SN 1997br	Ia	Ia-91T	0.0066 (0.0000)	...	16.9	sn91T	(Ia-91T)	0.0065	(0.0034)	-0.20	(0.00)	1
SN 1997br	Ia	...	0.0040 (0.0047)	...	12.0	sn91T	(Ia-91T)	0.0055	(0.0042)	24.80	(15.84)	232
SN 1997br	Ia	Ia-norm	0.0081 (0.0008)	40.1 (3.0)	17.1	sn98bu	(Ia-norm)	0.0084	(0.0031)	39.20	(6.05)	41
SN 1997br	Ia	Ia-norm	0.0080 (0.0005)	42.1 (1.6)	10.9	sn98bu	(Ia-norm)	0.0080	(0.0046)	42.10	(1.53)	11
SN 1997br	Ia	Ia-norm	0.0066 (0.0012)	55.1 (1.8)	17.8	sn94D	(Ia-norm)	0.0087	(0.0031)	55.10	(6.58)	8
SN 1997cn	Ia	...	0.0169 (0.0051)	...	14.7	sn05ke	(Ia-91bg)	0.0161	(0.0037)	14.85	(12.72)	191
SN 1997cw	Ia	...	0.0166 (0.0046)	...	14.7	sn99aa	(Ia-99aa)	0.0296	(0.0042)	41.10	(15.00)	257
SN 1997cw	Ia	...	0.0199 (0.0044)	...	16.9	sn02bo	(Ia-norm)	0.0154	(0.0034)	72.50	(26.45)	185
SN 1997do	Ia	Ia-norm	0.0050 (0.0058)	...	14.1	sn00fa	(Ia-norm)	0.0087	(0.0049)	-7.77	(0.00)	1
SN 1997do	Ia	Ia-norm	0.0113 (0.0009)	79.4 (-1.0)	21.0	sn02bo	(Ia-norm)	0.0113	(0.0027)	72.50	(11.08)	7
SN 1997fb	Ia	Ia-norm	0.0506 (0.0024)	10.1 (1.3)	13.8	sn06dm	(Ia-norm)	0.0496	(0.0040)	8.73	(1.62)	13
SN 1997fc	Ia	...	0.0582 (0.0046)	...	17.1	sn98bu	(Ia-norm)	0.0569	(0.0028)	-1.70	(4.41)	173
SN 1998V	Ia	Ia-norm	0.0171 (0.0039)	9.3 (1.3)	14.1	sn05ki	(Ia-norm)	0.0164	(0.0039)	7.96	(1.63)	16
SN 1998aq	Ia	Ia-norm	0.0022 (0.0009)	53.9 (6.1)	22.8	sn94D	(Ia-norm)	0.0020	(0.0021)	48.96	(10.66)	21
SN 1998aq	Ia	...	0.0025 (0.0042)	...	15.0	sn07fs	(Ia-norm)	0.0003	(0.0035)	91.35	(30.00)	111
SN 1998aq	Ia	...	0.0025 (0.0039)	...	15.8	sn07fs	(Ia-norm)	0.0004	(0.0034)	91.35	(31.92)	84
SN 1998bn	Ia	Ia-norm	0.0025 (0.0017)	19.5 (2.6)	11.4	sn02er	(Ia-norm)	0.0053	(0.0057)	19.50	(2.40)	3
SN 1998bn	Ib	Ib	0.0026 (0.0041)	-999.0 (0.0)	5.6	sn03gu	(Ib)	0.0054	(0.0083)	-999.00	(0.00)	2
SN 1998bn	Ia	Ia-norm	0.0041 (0.0008)	...	20.9	sn94D	(Ia-norm)	0.0044	(0.0025)	50.10	(12.27)	23
SN 1998bp	...	...	...	...	...	...	...	...	...	...	...	...
SN 1998bp	...	...	...	...	...	...	...	...	...	...	...	...
SN 1998bp	Ia	...	0.0127 (0.0043)	...	17.5	sn99by	(Ia-91bg)	0.0109	(0.0031)	42.10	(21.79)	229
SN 1998bp	Ia	Ia-norm	0.0125 (0.0015)	121.8 (-1.0)	9.7	sn94D	(Ia-norm)	0.0123	(0.0057)	115.09	(79.68)	13
SN 1998bp	Ia	Ia-99aa	0.0092 (0.0000)	...	5.0	sn99aa	(Ia-99aa)	0.0092	(0.0107)	256.03	(0.00)	1
SN 1998bu	Ia	Ia-norm	0.0025 (0.0011)	37.8 (-1.0)	28.7	sn95D	(Ia-norm)	0.0016	(0.0018)	37.80	(7.93)	55
SN 1998bu	Ia	...	0.0027 (0.0039)	...	18.5	sn08ds	(Ia-99aa)	0.0023	(0.0028)	56.77	(23.11)	203
SN 1998bu	Ia	Ia-norm	0.0027 (0.0014)	213.4 (-1.0)	16.9	sn90N	(Ia-norm)	0.0024	(0.0034)	213.40	(75.72)	18

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 1998bu	Ia	Ia-norm	0.0033 (0.0006)	213.4 (42.4)	20.7	sn90N	(Ia-norm)	0.0029	(0.0029)	213.40	(42.43)	20
SN 1998bu	Ia	Ia-norm	0.0034 (0.0046)	...	8.9	sn94ae	(Ia-norm)	0.0041	(0.0067)	153.40	(89.11)	20
SN 1998cd	Ia	Ia-norm	0.0248 (0.0018)	...	19.0	sn07bm	(Ia-norm)	0.0251	(0.0032)	20.45	(10.34)	78
SN 1998cl	Ia	Ia-norm	0.0303 (0.0028)	13.2 (1.0)	24.1	sn98bu	(Ia-norm)	0.0304	(0.0024)	13.20	(3.85)	28
SN 1998cm	...	...	...	...	...	...	...	...	...	...	...	...
SN 1998cs	Ia	Ia-norm	0.0315 (0.0056)	-3.5 (3.6)	26.4	sn02er	(Ia-norm)	0.0327	(0.0023)	-3.50	(3.57)	37
SN 1998cs	Ia	Ia-norm	0.0306 (0.0041)	11.2 (-1.0)	25.9	sn98bu	(Ia-norm)	0.0310	(0.0022)	10.20	(3.85)	19
SN 1998cs	Ia	Ia-norm	0.0322 (0.0019)	72.5 (4.3)	22.8	sn02bo	(Ia-norm)	0.0309	(0.0023)	72.50	(10.94)	16
SN 1998dh	Ia	Ia-norm	0.0050 (0.0017)	23.6 (-1.0)	18.9	sn99dk	(Ia-norm)	0.0076	(0.0032)	23.62	(2.67)	8
SN 1998dh	Ia	Ia-norm	0.0106 (0.0000)	...	10.1	sn02fk	(Ia-norm)	0.0106	(0.0058)	39.52	(0.00)	1
SN 1998dh	Ia	Ia-norm	0.0088 (0.0009)	41.5 (5.2)	17.4	sn05am	(Ia-norm)	0.0091	(0.0033)	41.04	(10.12)	52
SN 1998dh	Ia	Ia-norm	0.0088 (0.0013)	71.8 (2.9)	16.6	sn02er	(Ia-norm)	0.0094	(0.0033)	60.98	(13.30)	19
SN 1998de	Ia	...	0.0198 (0.0038)	...	15.2	sn99da	(Ia-91bg)	0.0169	(0.0038)	36.91	(16.04)	274
SN 1998de	Ia	Ia-norm	0.0205 (0.0035)	84.6 (6.5)	8.7	sn07af	(Ia-norm)	0.0181	(0.0064)	91.06	(15.67)	9
SN 1998de	Ib	I1b	0.0191 (0.0014)	68.0 (-1.0)	6.2	sn93J	(I1b)	0.0166	(0.0087)	70.00	(0.00)	3
SN 1998dj	Ia	Ia-norm	0.0129 (0.0011)	41.5 (3.1)	15.5	sn04eo	(Ia-norm)	0.0125	(0.0034)	44.40	(9.68)	17
SN 1998dk	Ia	Ia-norm	0.0025 (0.0060)	-7.0 (2.1)	8.0	sn92A	(Ia-norm)	0.0127	(0.0068)	-5.00	(2.74)	10
SN 1998dk	Ia	Ia-norm	0.0086 (0.0045)	-6.4 (2.8)	23.9	sn02er	(Ia-norm)	0.0140	(0.0026)	-6.40	(2.79)	12
SN 1998dk	Ia	Ia-norm	0.0118 (0.0024)	17.7 (2.0)	14.5	sn90N	(Ia-norm)	0.0121	(0.0037)	17.70	(4.67)	14
SN 1998dk	Ia	Ia-norm	0.0126 (0.0010)	41.0 (2.9)	19.0	sn99dk	(Ia-norm)	0.0128	(0.0031)	44.20	(10.77)	34
SN 1998dm	Ia	Ia-norm	0.0055 (0.0004)	-6.4 (-1.0)	15.0	sn04ey	(Ia-norm)	0.0054	(0.0041)	-7.48	(0.76)	2
SN 1998dm	Ia	Ia-norm	0.0064 (0.0039)	-1.9 (3.2)	14.9	sn05ms	(Ia-norm)	0.0075	(0.0038)	-1.51	(3.06)	22
SN 1998dm	Ia	Ia-norm	0.0069 (0.0020)	...	39.9	sn07A	(Ia-norm)	0.0071	(0.0014)	15.07	(4.33)	35
SN 1998dm	Ia	Ia-norm	0.0073 (0.0016)	40.1 (3.6)	22.9	sn02jy	(Ia-norm)	0.0070	(0.0023)	39.90	(9.36)	75
SN 1998dm	Ia	Ia-norm	0.0061 (0.0013)	87.8 (15.2)	19.7	sn07fs	(Ia-norm)	0.0049	(0.0028)	91.35	(12.47)	15
SN 1998dw	II	I1P	0.0477 (0.0030)	...	9.0	sn99em	(I1P)	0.0450	(0.0062)	119.80	(0.00)	27
SN 1998dx	Ia	Ia-norm	0.0547 (0.0049)	...	35.4	sn02he	(Ia-norm)	0.0569	(0.0016)	3.22	(4.12)	87
SN 1998dx	Ia	Ia-norm	0.0517 (0.0029)	31.4 (6.0)	16.9	sn89B	(Ia-norm)	0.0503	(0.0034)	31.40	(5.95)	17
SN 1998eb	Ia	Ia-norm	0.0134 (0.0013)	72.5 (10.1)	19.5	sn02bo	(Ia-norm)	0.0124	(0.0029)	72.50	(9.95)	10
SN 1998ec	Ia	Ia-norm	0.0171 (0.0029)	11.9 (1.6)	21.1	sn98bu	(Ia-norm)	0.0183	(0.0028)	11.20	(2.62)	20
SN 1998ef	Ia	Ia-norm	0.0077 (0.0040)	-5.0 (0.2)	16.9	sn92A	(Ia-norm)	0.0180	(0.0031)	-5.00	(0.17)	3
SN 1998ef	Ia	Ia-norm	0.0168 (0.0012)	28.4 (3.9)	17.5	sn06N	(Ia-norm)	0.0169	(0.0035)	27.49	(7.73)	45
SN 1998ef	Ia	Ia-norm	0.0152 (0.0007)	...	11.1	sn94D	(Ia-norm)	0.0162	(0.0047)	74.23	(0.00)	1
SN 1998ef	Ia	Ia-norm	0.0184 (0.0011)	...	8.7	sn94D	(Ia-norm)	0.0183	(0.0059)	74.23	(25.58)	9
SN 1998ef	Ia	Ia-norm	0.0167 (0.0010)	91.3 (-1.0)	19.3	sn04ef	(Ia-norm)	0.0159	(0.0030)	84.60	(12.77)	12
SN 1998eg	Ia	Ia-norm	0.0256 (0.0016)	29.5 (4.7)	21.3	sn06os	(Ia-norm)	0.0259	(0.0028)	27.16	(7.37)	72
SN 1998en	Ia	Ia-norm	0.0228 (0.0010)	27.5 (3.1)	11.7	sn06lf	(Ia-norm)	0.0229	(0.0055)	25.06	(2.76)	4
SN 1998es	Ia	Ia-99aa	0.0144 (0.0057)	0.7 (-1.0)	15.7	sn05eq	(Ia-99aa)	0.0124	(0.0033)	-2.98	(1.92)	3
SN 1998es	Ia	Ia-norm	0.0116 (0.0016)	41.0 (2.5)	22.3	sn94ae	(Ia-norm)	0.0110	(0.0023)	40.10	(9.91)	72
SN 1998es	Ia	Ia-99aa	0.0113 (0.0000)	...	11.3	sn99aa	(Ia-99aa)	0.0112	(0.0048)	59.43	(0.00)	1
SN 1998es	Ia	...	0.0137 (0.0040)	...	25.7	sn99aa	(Ia-99aa)	0.0275	(0.0019)	50.00	(20.54)	307
SN 1998es	Ia	Ia-norm	0.0110 (0.0014)	76.3 (8.6)	17.5	sn02bo	(Ia-norm)	0.0087	(0.0030)	79.40	(11.59)	21
SN 1998es	Ia	Ia-norm	0.0110 (0.0013)	87.3 (5.6)	15.3	sn94ae	(Ia-norm)	0.0116	(0.0033)	87.80	(6.79)	12
SN 1998es	Ia	Ia-norm	0.0121 (0.0009)	123.6 (-1.0)	11.2	sn94ae	(Ia-norm)	0.0121	(0.0048)	123.60	(22.80)	2
SN 1998fc	Ia	Ia-91bg	0.1009 (0.0016)	33.1 (2.8)	6.9	sn99by	(Ia-91bg)	0.1002	(0.0077)	33.10	(4.62)	9
SN 1999C	Ia	Ia-norm	0.1308 (0.0022)	14.5 (1.0)	9.6	sn07qe	(Ia-norm)	0.1335	(0.0062)	16.00	(2.38)	32
SN 1999X	Ia	Ia-norm	0.0260 (0.0027)	14.6 (2.8)	15.9	sn02el	(Ia-norm)	0.0266	(0.0038)	11.82	(4.16)	47
SN 1999X	Ia	Ia-norm	0.0248 (0.0018)	...	24.4	sn02er	(Ia-norm)	0.0271	(0.0026)	23.44	(8.31)	88
SN 1999aa	Ia	...	0.0099 (0.0070)	...	13.9	sn08ds	(Ia-99aa)	0.0075	(0.0043)	-4.93	(4.08)	43
SN 1999aa	Ia	Ia-99aa	0.0142 (0.0023)	1.1 (2.9)	16.1	sn05eq	(Ia-99aa)	0.0130	(0.0032)	0.66	(2.36)	6
SN 1999aa	Ia	Ia-norm	0.0144 (0.0029)	13.2 (0.9)	15.6	sn95D	(Ia-norm)	0.0142	(0.0035)	14.10	(1.32)	8
SN 1999aa	Ia	Ia-norm	0.0142 (0.0020)	16.1 (2.8)	22.1	sn95D	(Ia-norm)	0.0132	(0.0024)	16.10	(2.84)	21
SN 1999aa	Ia	Ia-norm	0.0153 (0.0013)	57.1 (4.5)	20.4	sn02er	(Ia-norm)	0.0150	(0.0027)	60.98	(9.29)	29
SN 1999aa	Ia	Ia-norm	0.0175 (0.0014)	...	10.7	sn90N	(Ia-norm)	0.0157	(0.0058)	246.20	(0.00)	1
SN 1999aa	Ia	Ia-norm	0.0181 (0.0018)	280.7 (33.4)	7.0	sn90N	(Ia-norm)	0.0158	(0.0090)	246.20	(31.84)	3
SN 1999aq	Ia	Ia-norm	0.0489 (0.0017)	...	25.9	sn04fz	(Ia-norm)	0.0492	(0.0024)	17.56	(9.21)	88
SN 1999ac	Ia	Ia-norm	0.0098 (0.0051)	...	8.9	sn98bu	(Ia-norm)	0.0099	(0.0052)	-2.80	(4.11)	27
SN 1999ac	Ia	Ia-norm	0.0134 (0.0066)	3.7 (2.3)	15.8	sn06et	(Ia-norm)	0.0113	(0.0037)	3.71	(1.44)	5
SN 1999ac	Ia	Ia-norm	0.0110 (0.0019)	36.7 (5.2)	15.9	sn07bm	(Ia-norm)	0.0100	(0.0035)	41.34	(6.04)	37
SN 1999ac	Ia	Ia-norm	0.0129 (0.0025)	83.3 (6.2)	7.4	sn04ef	(Ia-norm)	0.0112	(0.0070)	84.60	(17.14)	8
SN 1999bh	...	...	...	...	...	...	...	...	...	...	...	...
SN 1999bv	Ia	Ia-norm	0.0178 (0.0023)	91.3 (-1.0)	11.7	sn02bo	(Ia-norm)	0.0178	(0.0053)	83.30	(5.70)	2
SN 1999by	Ia	Ia-91bg	0.0037 (0.0012)	...	7.7	sn91bg	(Ia-91bg)	0.0038	(0.0037)	202.70	(43.86)	3
SN 1999cl	Ia	...	0.0038 (0.0029)	...	8.2	sn02jy	(Ia-norm)	0.0033	(0.0091)	39.90	(15.80)	93
SN 1999cl	Ia	Ia-norm	0.0067 (0.0011)	...	15.1	sn04ef	(Ia-norm)	0.0071	(0.0042)	31.23	(6.67)	7

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 1999cl	Ia	...	0.0082 (0.0035)	...	13.7	sn97br	(Ia-91T)	0.0074	(0.0041)	49.10	(14.26)	227
SN 1999cl	...	...	...	...	...	...	...	...	...	...	...	...
SN 1999cp	Ia	Ia-norm	0.0121 (0.0047)	4.9 (-1.0)	24.9	sn94D	(Ia-norm)	0.0092	(0.0021)	2.90	(2.32)	26
SN 1999cp	Ia	Ia-norm	0.0101 (0.0022)	14.1 (1.3)	21.4	sn98bu	(Ia-norm)	0.0101	(0.0025)	13.20	(2.33)	24
SN 1999cw	Ia	Ia-norm	0.0103 (0.0024)	13.8 (2.1)	13.3	sn02bo	(Ia-norm)	0.0136	(0.0045)	13.80	(2.97)	14
SN 1999cw	Ia	...	0.0102 (0.0045)	...	13.7	sn99aa	(Ia-99aa)	0.0246	(0.0043)	26.20	(17.64)	340
SN 1999cw	Ia	Ia-norm	0.0121 (0.0010)	79.4 (7.5)	18.0	sn02bo	(Ia-norm)	0.0112	(0.0030)	79.40	(7.47)	13
SN 1999cw	Ia	Ia-norm	0.0128 (0.0012)	85.5 (5.3)	13.4	sn04ef	(Ia-norm)	0.0117	(0.0044)	84.60	(6.57)	6
SN 1999cw	Ia	Ia-norm	0.0147 (0.0014)	...	10.0	sn94D	(Ia-norm)	0.0139	(0.0060)	83.10	(0.00)	1
SN 1999da	...	...	...	...	...	...	...	...	...	...	...	...
SN 1999da	Ia	Ia-91bg	0.0140 (0.0030)	...	10.5	sn05ke	(Ia-91bg)	0.0118	(0.0058)	9.87	(0.00)	1
SN 1999da	Ia	...	0.0161 (0.0041)	...	19.6	sn91bg	(Ia-91bg)	0.0196	(0.0030)	27.28	(19.12)	304
SN 1999da	Ia	Ia-norm	0.0141 (0.0019)	85.5 (10.1)	9.9	sn01ep	(Ia-norm)	0.0128	(0.0055)	87.26	(17.71)	17
SN 1999da	Ia	...	0.0127 (0.0016)	...	9.5	sn91bg	(Ia-91bg)	0.0135	(0.0057)	53.50	(22.46)	34
SN 1999dg	Ia	Ia-norm	0.0220 (0.0025)	14.3 (3.1)	30.7	sn06ev	(Ia-norm)	0.0215	(0.0020)	16.85	(4.52)	47
SN 1999dg	Ia	...	0.0212 (0.0038)	...	20.4	sn00cx	(Ia-pec)	0.0237	(0.0027)	30.06	(17.86)	309
SN 1999dk	Ia	Ia-norm	0.0028 (0.0050)	-5.5 (-1.0)	11.8	sn04ef	(Ia-norm)	0.0139	(0.0057)	-5.52	(1.59)	2
SN 1999dk	Ia	Ia-norm	0.0136 (0.0027)	14.3 (2.4)	18.2	sn01bg	(Ia-norm)	0.0143	(0.0034)	13.70	(2.88)	27
SN 1999dk	Ia	Ia-norm	0.0126 (0.0025)	20.7 (1.0)	15.2	sn02bo	(Ia-norm)	0.0157	(0.0039)	21.70	(3.34)	14
SN 1999dk	Ia	Ia-norm	0.0152 (0.0011)	44.4 (4.4)	19.7	sn02bo	(Ia-norm)	0.0151	(0.0030)	44.48	(9.10)	41
SN 1999dk	Ia	Ia-norm	0.0157 (0.0014)	79.4 (6.0)	21.8	sn02bo	(Ia-norm)	0.0157	(0.0026)	72.50	(12.35)	8
SN 1999do	Ia	Ia-norm	0.0197 (0.0058)	9.4 (-1.0)	18.2	sn94ae	(Ia-norm)	0.0198	(0.0028)	9.30	(0.07)	2
SN 1999dq	Ia	...	0.0135 (0.0064)	...	15.6	sn05eq	(Ia-99aa)	0.0122	(0.0033)	-2.98	(5.38)	85
SN 1999dq	Ia	...	0.0150 (0.0050)	...	15.3	sn99aa	(Ia-99aa)	0.0242	(0.0036)	-0.60	(4.82)	186
SN 1999dq	Ia	Ia-norm	0.0128 (0.0026)	17.4 (3.6)	15.7	sn07bc	(Ia-norm)	0.0127	(0.0037)	16.35	(6.56)	28
SN 1999dq	Ia	...	0.0158 (0.0040)	...	21.5	sn99aa	(Ia-99aa)	0.0296	(0.0023)	50.00	(19.50)	322
SN 1999ee	Ia	Ia-91T	0.0109 (0.0000)	...	11.0	sn91T	(Ia-91T)	0.0109	(0.0055)	18.60	(0.00)	1
SN 1999ek	Ia	Ia-norm	0.0220 (0.0054)	6.6 (1.7)	21.1	sn07af	(Ia-norm)	0.0191	(0.0025)	3.85	(2.43)	28
SN 1999fz	Ia	Ia-norm	0.0224 (0.0027)	...	16.7	sn94D	(Ia-norm)	0.0238	(0.0034)	17.40	(17.04)	30
SN 1999gd	Ia	Ia-norm	0.0215 (0.0045)	0.6 (2.0)	24.5	sn07bc	(Ia-norm)	0.0173	(0.0022)	0.61	(3.35)	52
SN 1999gf	Ia	Ia-norm	0.0409 (0.0015)	29.4 (-1.0)	31.1	sn02bo	(Ia-norm)	0.0407	(0.0022)	29.40	(5.51)	38
SN 1999gh	Ia	Ia-norm	0.0101 (0.0050)	7.0 (1.1)	19.5	sn05bc	(Ia-norm)	0.0066	(0.0031)	7.47	(1.93)	19
SN 1999gh	Ia	Ia-norm	0.0070 (0.0010)	28.5 (5.0)	16.0	sn04ef	(Ia-norm)	0.0079	(0.0039)	31.23	(5.89)	28
SN 1999gh	Ia	Ia-norm	0.0053 (0.0015)	21.6 (4.1)	9.9	sn07gk	(Ia-norm)	0.0082	(0.0053)	19.65	(8.64)	34
SN 1999gh	Ia	Ia-norm	0.0119 (0.0019)	246.2 (-1.0)	5.4	sn90N	(Ia-norm)	0.0088	(0.0097)	255.90	(5.91)	3
SN 1999gm	Ia	Ia-norm	0.0458 (0.0047)	-0.8 (3.1)	28.1	sn07af	(Ia-norm)	0.0438	(0.0019)	-1.21	(3.54)	75
SN 2000J	Ia	Ia-norm	0.0492 (0.0009)	55.1 (3.1)	15.1	sn94D	(Ia-norm)	0.0500	(0.0036)	55.10	(8.44)	8
SN 2000al	Ia	Ia-norm	0.1899 (0.0059)	...	8.9	sn92A	(Ia-norm)	0.2036	(0.0056)	-5.00	(4.88)	20
SN 2000Q	Ia	Ia-norm	0.0223 (0.0029)	-1.0 (-1.0)	19.1	sn07fr	(Ia-norm)	0.0210	(0.0028)	-1.15	(3.31)	18
SN 2000Q	...	...	...	...	...	...	...	...	...	...	...	...
SN 2000bk	Ia	Ia-norm	0.0253 (0.0024)	16.4 (3.2)	20.2	sn04eo	(Ia-norm)	0.0252	(0.0031)	13.19	(8.21)	43
SN 2000ce	Ia	Ia-norm	0.0155 (0.0011)	...	16.9	sn06os	(Ia-norm)	0.0152	(0.0036)	27.16	(8.44)	74
SN 2000cn	Ia	Ia-norm	0.0213 (0.0019)	...	15.6	sn04fz	(Ia-norm)	0.0221	(0.0038)	17.56	(9.74)	40
SN 2000cn	Ia	Ia-norm	0.0236 (0.0018)	28.5 (2.7)	24.4	sn04fu	(Ia-norm)	0.0255	(0.0026)	25.15	(6.89)	53
SN 2000cp	Ia	Ia-norm	0.0350 (0.0050)	4.9 (-1.0)	32.1	sn02ha	(Ia-norm)	0.0316	(0.0017)	4.93	(3.43)	68
SN 2000cp	Ia	Ia-norm	0.0375 (0.0029)	8.7 (1.2)	15.8	sn05de	(Ia-norm)	0.0356	(0.0038)	10.10	(2.48)	22
SN 2000cv	Ia	Ia-norm	0.0215 (0.0026)	15.5 (2.9)	21.2	sn04eo	(Ia-norm)	0.0215	(0.0028)	13.19	(15.10)	46
SN 2000cu	Ia	Ia-norm	0.0204 (0.0029)	10.1 (-1.0)	21.5	sn05kc	(Ia-norm)	0.0203	(0.0027)	10.22	(3.51)	29
SN 2000cu	Ia	Ia-norm	0.0208 (0.0012)	41.0 (3.5)	18.0	sn04eo	(Ia-norm)	0.0196	(0.0030)	44.40	(7.93)	50
SN 2000cw	Ia	Ia-norm	0.0331 (0.0054)	2.8 (3.1)	33.6	sn01ep	(Ia-norm)	0.0293	(0.0017)	2.83	(3.05)	50
SN 2000cw	Ia	Ia-norm	0.0311 (0.0008)	57.1 (6.8)	16.6	sn94D	(Ia-norm)	0.0322	(0.0032)	55.10	(7.22)	15
SN 2000cx	Ia	...	0.0041 (0.0050)	...	11.0	sn97br	(Ia-91T)	0.0019	(0.0053)	-4.00	(4.16)	17
SN 2000cx	Ia	...	0.0043 (0.0053)	...	9.9	sn05eq	(Ia-99aa)	0.0061	(0.0050)	-2.98	(4.63)	78
SN 2000cx	Ia	...	0.0018 (0.0054)	...	7.9	sn99aa	(Ia-99aa)	0.0159	(0.0065)	7.60	(4.82)	88
SN 2000cx	Ia	Ia-norm	0.0017 (0.0036)	...	7.7	sn02he	(Ia-norm)	0.0065	(0.0066)	0.29	(5.38)	9
SN 2000cx	Ia	...	0.0030 (0.0076)	...	7.6	sn99aa	(Ia-99aa)	0.0193	(0.0061)	2.70	(4.69)	21
SN 2000cx	...	...	...	...	...	...	...	...	...	...	...	...
SN 2000cx	...	...	...	...	...	...	...	...	...	...	...	...
SN 2000cx	...	...	...	...	...	...	...	...	...	...	...	...
SN 2000cx	Ia	Ia-norm	0.0055 (0.0025)	15.1 (3.7)	9.1	sn07qe	(Ia-norm)	0.0085	(0.0065)	16.00	(1.52)	17
SN 2000cx	Ia	Ia-norm	0.0066 (0.0019)	14.8 (1.2)	12.1	sn02bo	(Ia-norm)	0.0064	(0.0051)	15.65	(1.12)	7
SN 2000cx	Ia	Ia-norm	0.0050 (0.0017)	19.8 (-1.0)	10.5	sn02bo	(Ia-norm)	0.0070	(0.0056)	18.70	(0.78)	2
SN 2000cx	Ia	Ia-norm	0.0038 (0.0027)	19.8 (2.1)	7.4	sn02bo	(Ia-norm)	0.0062	(0.0075)	20.70	(3.82)	16
SN 2000cx	Ia	Ia-norm	0.0038 (0.0016)	21.7 (-1.0)	11.6	sn02bo	(Ia-norm)	0.0064	(0.0051)	21.70	(0.71)	2
SN 2000cx	Ia	Ia-norm	0.0051 (0.0009)	43.2 (-1.0)	13.6	sn05am	(Ia-norm)	0.0061	(0.0039)	41.04	(1.53)	2

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2000cx	Ia	Ia-norm	0.0048 (0.0023)	...	9.0	sn02bo	(Ia-norm)	0.0087	(0.0064)	21.70	(13.74)	36
SN 2000cx	Ia	Ia-norm	0.0047 (0.0010)	59.1 (-1.0)	13.9	sn94D	(Ia-norm)	0.0065	(0.0039)	55.10	(2.00)	3
SN 2000cx	Ia	...	0.0077 (0.0045)	...	18.3	sn94ae	(Ia-norm)	0.0055	(0.0030)	87.80	(31.37)	101
SN 2000cx	Ia	...	0.0077 (0.0043)	...	16.1	sn07fs	(Ia-norm)	0.0056	(0.0036)	91.35	(39.16)	76
SN 2000cx	Ia	Ia-norm	0.0066 (0.0008)	...	12.5	sn98ef	(Ia-norm)	0.0072	(0.0046)	85.52	(20.51)	3
SN 2000cx	Ia	Ia-norm	0.0078 (0.0006)	87.2 (-1.0)	10.9	sn98ef	(Ia-norm)	0.0078	(0.0052)	85.52	(16.61)	3
SN 2000cx	Ia	Ia-norm	0.0079 (0.0007)	115.1 (-1.0)	10.7	sn94D	(Ia-norm)	0.0074	(0.0053)	115.09	(19.73)	2
SN 2000cx	Ia	Ia-norm	0.0080 (0.0000)	...	10.8	sn94D	(Ia-norm)	0.0080	(0.0051)	115.09	(0.00)	1
SN 2000cx	...	...	...	...	...	...	...	...	...	...	...	...
SN 2000dd	Ia	Ia-norm	0.0363 (0.0015)	...	10.2	sn92A	(Ia-norm)	0.0412	(0.0060)	17.30	(0.00)	1
SN 2000df	Ia	Ia-norm	0.0381 (0.0013)	...	21.6	sn01dw	(Ia-norm)	0.0389	(0.0030)	11.06	(8.04)	78
SN 2000dg	Ia	Ia-norm	0.0387 (0.0041)	-5.2 (3.0)	28.2	sn04fz	(Ia-norm)	0.0364	(0.0017)	-5.18	(3.03)	51
SN 2000dg	Ia	Ia-norm	0.0408 (0.0052)	7.7 (-1.0)	22.4	sn02er	(Ia-norm)	0.0405	(0.0024)	5.50	(2.94)	30
SN 2000dk	Ia	Ia-norm	0.0195 (0.0047)	1.6 (3.6)	32.0	sn05bc	(Ia-norm)	0.0173	(0.0017)	1.65	(3.55)	46
SN 2000dk	Ia	Ia-norm	0.0193 (0.0030)	13.2 (3.6)	20.6	sn04eo	(Ia-norm)	0.0174	(0.0029)	13.19	(7.78)	34
SN 2000dk	Ia	Ia-norm	0.0184 (0.0015)	33.7 (-1.0)	24.4	sn02eu	(Ia-norm)	0.0180	(0.0023)	33.44	(6.84)	67
SN 2000dk	Ia	Ia-norm	0.0185 (0.0010)	41.5 (4.8)	20.3	sn04eo	(Ia-norm)	0.0170	(0.0027)	44.40	(8.04)	53
SN 2000dm	Ia	Ia-norm	0.0170 (0.0046)	-1.8 (2.0)	24.6	sn06N	(Ia-norm)	0.0170	(0.0020)	-1.94	(3.13)	37
SN 2000dm	Ia	Ia-norm	0.0166 (0.0038)	7.9 (2.4)	34.8	sn02ha	(Ia-norm)	0.0156	(0.0015)	7.89	(2.40)	29
SN 2000dm	Ia	Ia-norm	0.0153 (0.0013)	28.7 (4.6)	18.7	sn06N	(Ia-norm)	0.0155	(0.0032)	27.49	(6.96)	58
SN 2000dm	Ia	Ia-norm	0.0145 (0.0011)	36.1 (6.0)	12.6	sn04eo	(Ia-norm)	0.0135	(0.0042)	44.40	(7.36)	10
SN 2000dn	Ia	Ia-norm	0.0348 (0.0043)	1.3 (3.1)	21.3	sn98bu	(Ia-norm)	0.0349	(0.0023)	-1.70	(2.92)	48
SN 2000dn	Ia	Ia-norm	0.0347 (0.0029)	...	27.0	sn94D	(Ia-norm)	0.0349	(0.0021)	13.40	(16.60)	45
SN 2000dp	Ia	Ia-norm	0.0355 (0.0048)	4.8 (-1.0)	39.5	sn97Y	(Ia-norm)	0.0325	(0.0014)	2.31	(3.66)	75
SN 2000dp	Ia	...	0.0346 (0.0049)	...	32.4	sn99aa	(Ia-99aa)	0.0493	(0.0019)	26.20	(19.85)	373
SN 2000dr	Ia	Ia-norm	0.0207 (0.0034)	7.8 (0.7)	17.8	sn01ep	(Ia-norm)	0.0194	(0.0032)	7.85	(2.54)	15
SN 2000dx	Ia	Ia-norm	0.0276 (0.0033)	-6.0 (1.8)	15.9	sn02bo	(Ia-norm)	0.0291	(0.0041)	-6.00	(2.50)	10
SN 2000ej	Ia	...	0.0358 (0.0064)	...	7.8	sn91bg	(Ia-91bg)	0.0313	(0.0080)	33.70	(12.72)	94
SN 2000ey	Ia	Ia-norm	0.0168 (0.0051)	3.7 (-1.0)	11.4	sn05ms	(Ia-norm)	0.0217	(0.0052)	-1.51	(3.70)	2
SN 2000ey	Ia	Ia-norm	0.0179 (0.0013)	...	10.9	sn01dw	(Ia-norm)	0.0199	(0.0059)	11.06	(0.00)	1
SN 2000ey	NotSN	Gal	0.0219 (0.0000)	...	7.0	kcSa	(Gal)	0.0219	(0.0030)	-99.90	(0.00)	1
SN 2000fa	Ia	Ia-norm	0.0077 (0.0082)	-5.5 (-1.0)	9.9	sn04ef	(Ia-norm)	0.0192	(0.0063)	-5.52	(2.51)	14
SN 2000fa	Ia	Ia-norm	0.0178 (0.0046)	7.1 (-1.0)	17.5	sn06bu	(Ia-norm)	0.0214	(0.0034)	4.24	(3.98)	11
SN 2000fo	Ia	Ia-norm	0.0275 (0.0017)	28.5 (5.6)	9.6	sn06lf	(Ia-norm)	0.0245	(0.0059)	25.06	(7.51)	13
SN 2001A	...	...	...	...	...	...	...	...	...	...	...	...
SN 2001C	Ia	Ia-norm	0.0103 (0.0030)	17.6 (3.2)	13.2	sn05cf	(Ia-norm)	0.0109	(0.0044)	18.69	(10.11)	22
SN 2001C	Ia	Ia-norm	0.0107 (0.0010)	36.4 (6.3)	17.4	sn94ae	(Ia-norm)	0.0101	(0.0032)	36.20	(7.60)	75
SN 2001E	Ia	Ia-norm	0.0126 (0.0035)	12.4 (-1.0)	8.6	sn02bo	(Ia-norm)	0.0182	(0.0067)	10.80	(2.26)	4
SN 2001G	Ia	Ia-norm	0.0146 (0.0033)	12.3 (1.9)	27.5	sn02jy	(Ia-norm)	0.0153	(0.0020)	12.30	(1.93)	15
SN 2001L	Ia	Ia-norm	0.0147 (0.0019)	...	17.4	sn04fz	(Ia-norm)	0.0158	(0.0031)	17.56	(11.72)	55
SN 2001N	Ia	Ia-norm	0.0160 (0.0046)	11.9 (2.8)	9.0	sn04ef	(Ia-norm)	0.0209	(0.0069)	8.05	(4.04)	21
SN 2001P	Ia	Ia-91bg	0.0226 (0.0017)	...	15.1	sn05ke	(Ia-91bg)	0.0217	(0.0041)	9.87	(7.16)	7
SN 2001U	Ia	Ia-norm	0.0295 (0.0011)	59.1 (10.1)	16.5	sn98bu	(Ia-norm)	0.0297	(0.0025)	57.10	(7.90)	14
SN 2001V	Ia	Ia-norm	0.0142 (0.0024)	13.7 (1.9)	20.1	sn05kc	(Ia-norm)	0.0134	(0.0028)	12.19	(2.83)	32
SN 2001V	Ia	Ia-norm	0.0146 (0.0026)	22.7 (3.6)	16.7	sn07fs	(Ia-norm)	0.0139	(0.0029)	22.67	(2.68)	10
SN 2001V	Ia	...	0.0134 (0.0046)	...	19.8	sn92A	(Ia-norm)	0.0234	(0.0029)	17.30	(17.55)	342
SN 2001V	Ia	Ia-norm	0.0138 (0.0011)	44.4 (4.1)	12.7	sn02bo	(Ia-norm)	0.0132	(0.0037)	44.48	(13.53)	9
SN 2001V	Ia	...	0.0167 (0.0042)	...	21.0	sn98es	(Ia-99aa)	0.0133	(0.0026)	57.79	(20.99)	320
SN 2001V	Ia	Ia-norm	0.0157 (0.0014)	64.0 (7.6)	16.4	sn02er	(Ia-norm)	0.0156	(0.0035)	60.98	(11.97)	20
SN 2001ay	Ia	Ia-norm	0.0272 (0.0054)	...	8.5	sn92A	(Ia-norm)	0.0304	(0.0067)	8.90	(4.77)	59
SN 2001ay	Ia	Ia-norm	0.0290 (0.0023)	12.5 (3.1)	18.4	sn00dk	(Ia-norm)	0.0291	(0.0035)	11.19	(13.13)	49
SN 2001az	Ia	Ia-norm	0.0378 (0.0045)	-2.8 (3.0)	16.5	sn06N	(Ia-norm)	0.0386	(0.0032)	-1.94	(2.48)	37
SN 2001ba	Ia	Ia-norm	0.0271 (0.0063)	-2.5 (2.3)	9.4	sn90N	(Ia-norm)	0.0317	(0.0085)	-6.40	(3.08)	30
SN 2001bf	Ia	Ia-norm	0.0176 (0.0044)	-3.5 (1.9)	9.0	sn94D	(Ia-norm)	0.0173	(0.0059)	-3.60	(3.07)	35
SN 2001bf	...	...	...	...	...	...	...	...	...	...	...	...
SN 2001bg	Ia	Ia-norm	0.0058 (0.0029)	11.0 (3.7)	19.9	sn02bo	(Ia-norm)	0.0067	(0.0031)	15.65	(2.91)	31
SN 2001bg	Ia	Ia-norm	0.0071 (0.0019)	15.6 (2.7)	15.3	sn02bo	(Ia-norm)	0.0081	(0.0042)	15.65	(4.18)	19
SN 2001br	Ia	Ia-norm	0.0172 (0.0049)	-0.3 (3.8)	21.1	sn02he	(Ia-norm)	0.0196	(0.0025)	0.29	(3.07)	19
SN 2001br	Ia	Ia-norm	0.0160 (0.0042)	0.3 (3.9)	29.7	sn02he	(Ia-norm)	0.0197	(0.0019)	0.29	(3.88)	15
SN 2001bp	Ia	Ia-norm	0.0927 (0.0067)	2.4 (1.5)	12.2	sn94ae	(Ia-norm)	0.0928	(0.0041)	2.30	(4.33)	5
SN 2001bp	Ia	Ia-norm	0.0925 (0.0013)	10.3 (2.0)	10.3	sn03he	(Ia-norm)	0.0943	(0.0053)	8.53	(1.89)	3
SN 2001bs	Ia	Ia-norm	0.0253 (0.0034)	-6.3 (2.5)	7.1	sn02he	(Ia-norm)	0.0320	(0.0064)	-5.91	(2.68)	13
SN 2001cg	Ia	Ia-91bg	0.0248 (0.0023)	3.1 (0.9)	20.4	sn99by	(Ia-91bg)	0.0240	(0.0028)	3.10	(2.26)	15
SN 2001cj	Ia	Ia-norm	0.0243 (0.0024)	17.4 (3.3)	22.4	sn07fs	(Ia-norm)	0.0239	(0.0027)	22.67	(15.13)	53
SN 2001ck	Ia	Ia-norm	0.0354 (0.0022)	14.3 (2.1)	30.7	sn98bu	(Ia-norm)	0.0350	(0.0019)	14.30	(2.11)	26

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2001ck	Ia	Ia-norm	0.0350 (0.0013)	29.0 (5.3)	27.8	sn07fs	(Ia-norm)	0.0349	(0.0022)	29.49	(8.27)	92
SN 2001cp	Ia	Ia-norm	0.0224 (0.0044)	2.4 (2.2)	19.4	sn94ae	(Ia-norm)	0.0220	(0.0027)	2.30	(2.20)	27
SN 2001cp	Ia	Ia-norm	0.0225 (0.0028)	...	21.1	sn98bu	(Ia-norm)	0.0233	(0.0027)	13.20	(3.95)	36
SN 2001cp	Ia	Ia-norm	0.0223 (0.0023)	...	19.2	sn07fs	(Ia-norm)	0.0233	(0.0031)	22.67	(14.49)	73
SN 2001da	Ia	Ia-norm	0.0176 (0.0062)	-2.8 (1.3)	14.5	sn98bu	(Ia-norm)	0.0161	(0.0037)	-0.70	(1.42)	13
SN 2001da	Ia	Ia-norm	0.0170 (0.0030)	10.2 (-1.0)	24.0	sn05kc	(Ia-norm)	0.0165	(0.0025)	10.22	(3.53)	18
SN 2001de	Ia	...	0.0314 (0.0062)	...	23.2	sn07ba	(Ia-91bg)	0.0298	(0.0023)	2.09	(15.32)	296
SN 2001dd	Ia	Ia-norm	0.0207 (0.0041)	7.7 (-1.0)	26.9	sn03ai	(Ia-norm)	0.0182	(0.0020)	7.73	(2.59)	33
SN 2001dl	Ia	Ia-norm	0.0210 (0.0027)	13.7 (1.2)	20.7	sn95D	(Ia-norm)	0.0210	(0.0025)	14.10	(2.33)	24
SN 2001dl	Ia	Ia-norm	0.0210 (0.0013)	39.3 (6.5)	15.2	sn94D	(Ia-norm)	0.0202	(0.0036)	43.96	(7.60)	44
SN 2001dm	Ia	...	0.0172 (0.0045)	...	9.4	sn06dw	(Ia-norm)	0.0174	(0.0058)	28.28	(12.22)	190
SN 2001dn	Ia	Ia-norm	0.0198 (0.0011)	...	16.0	sn01dw	(Ia-norm)	0.0198	(0.0039)	11.06	(7.61)	68
SN 2001ds	Ia	Ia-norm	0.0341 (0.0015)	28.5 (3.8)	6.9	sn94D	(Ia-norm)	0.0379	(0.0111)	26.20	(5.01)	29
SN 2001ei	Ia	...	0.0287 (0.0043)	...	27.1	sn91bg	(Ia-91bg)	0.0327	(0.0022)	19.31	(15.15)	242
SN 2001ei	Ia	Ia-91bg	0.0282 (0.0001)	53.5 (-1.0)	13.1	sn91bg	(Ia-91bg)	0.0282	(0.0046)	53.50	(0.14)	2
SN 2001dt	Ia	Ia-norm	0.0295 (0.0024)	14.8 (2.0)	17.6	sn06ev	(Ia-norm)	0.0283	(0.0038)	16.85	(3.31)	38
SN 2001dw	Ia	Ia-norm	0.0250 (0.0016)	...	20.2	sn94ae	(Ia-norm)	0.0241	(0.0027)	30.20	(8.00)	86
SN 2001eg	Ia	Ia-norm	0.0134 (0.0010)	85.5 (9.4)	13.2	sn98ef	(Ia-norm)	0.0140	(0.0047)	85.52	(8.23)	4
SN 2001ec	Ia	Ia-norm	0.0470 (0.0016)	13.4 (-1.0)	23.8	sn98bu	(Ia-norm)	0.0467	(0.0024)	14.30	(4.09)	25
SN 2001ed	Ia	Ia-norm	0.0165 (0.0006)	38.3 (6.2)	13.5	sn02bo	(Ia-norm)	0.0162	(0.0041)	44.40	(6.69)	13
SN 2001eh	Ia	Ia-99aa	0.0343 (0.0066)	-3.0 (1.0)	19.5	sn05eq	(Ia-99aa)	0.0343	(0.0028)	-2.98	(1.04)	3
SN 2001eh	Ia	Ia-99aa	0.0354 (0.0066)	-3.0 (1.0)	21.2	sn05eq	(Ia-99aa)	0.0354	(0.0026)	-2.98	(1.04)	3
SN 2001eh	Ia	...	0.0367 (0.0054)	...	22.6	sn05eq	(Ia-99aa)	0.0353	(0.0024)	0.66	(4.91)	199
SN 2001eh	Ia	Ia-norm	0.0359 (0.0012)	...	33.0	sn07fs	(Ia-norm)	0.0354	(0.0020)	29.49	(8.85)	110
SN 2001eh	Ia	Ia-norm	0.0368 (0.0017)	28.5 (3.2)	24.0	sn02bo	(Ia-norm)	0.0380	(0.0028)	27.59	(7.97)	84
SN 2001eh	Ia	...	0.0398 (0.0037)	...	22.6	sn91T	(Ia-91T)	0.0369	(0.0025)	75.20	(22.27)	280
SN 2001eu	Ia	Ia-91T	0.1294 (0.0039)	37.6 (-1.0)	7.3	sn97br	(Ia-91T)	0.1322	(0.0074)	23.70	(9.83)	2
SN 2001en	Ia	Ia-norm	0.0131 (0.0028)	11.0 (2.4)	16.9	sn04ef	(Ia-norm)	0.0152	(0.0035)	8.05	(2.63)	18
SN 2001en	Ia	Ia-norm	0.0148 (0.0025)	13.2 (2.3)	21.9	sn01bg	(Ia-norm)	0.0157	(0.0028)	13.70	(2.73)	31
SN 2001en	Ia	Ia-norm	0.0157 (0.0016)	37.2 (5.3)	16.4	sn02jy	(Ia-norm)	0.0155	(0.0034)	39.90	(7.38)	72
SN 2001ep	Ia	Ia-norm	0.0163 (0.0050)	4.9 (-1.0)	25.9	sn07af	(Ia-norm)	0.0125	(0.0021)	3.85	(3.02)	37
SN 2001ep	Ia	Ia-norm	0.0164 (0.0050)	5.7 (0.6)	22.4	sn02hd	(Ia-norm)	0.0141	(0.0026)	6.05	(1.42)	16
SN 2001ep	Ia	Ia-norm	0.0160 (0.0039)	6.1 (1.4)	24.1	sn02hd	(Ia-norm)	0.0147	(0.0024)	6.05	(1.39)	18
SN 2001ep	Ia	Ia-norm	0.0157 (0.0037)	8.2 (1.5)	15.2	sn05de	(Ia-norm)	0.0127	(0.0036)	10.10	(1.39)	16
SN 2001ep	Ia	Ia-norm	0.0150 (0.0012)	30.2 (3.1)	16.2	sn02eu	(Ia-norm)	0.0142	(0.0034)	33.44	(5.28)	21
SN 2001ep	Ia	Ia-norm	0.0130 (0.0015)	91.3 (-1.0)	11.2	sn07fs	(Ia-norm)	0.0130	(0.0050)	91.35	(5.70)	2
SN 2001ep	Ia	Ia-norm	0.0161 (0.0015)	113.8 (19.2)	12.7	sn07af	(Ia-norm)	0.0137	(0.0041)	113.82	(15.95)	3
SN 2001er	Ia	Ia-norm	0.0169 (0.0004)	50.0 (6.4)	13.6	sn94D	(Ia-norm)	0.0169	(0.0037)	53.90	(6.61)	7
SN 2001es	NotSN	M-star	0.0664 (0.0000)	...	5.6	mstar	(M-star)	0.0664	(0.0080)	0.00	(0.00)	1
SN 2001es	Ia	Ia-norm	0.0675 (0.0013)	...	7.7	sn04fz	(Ia-norm)	0.0672	(0.0074)	22.28	(7.94)	58
SN 2001ew	Ia	Ia-norm	0.0318 (0.0044)	5.6 (-1.0)	33.2	sn01ep	(Ia-norm)	0.0292	(0.0018)	2.83	(3.10)	58
SN 2001fg	Ia	Ia-norm	0.0321 (0.0003)	79.4 (6.0)	11.3	sn02bo	(Ia-norm)	0.0323	(0.0049)	72.50	(5.47)	3
SN 2001ex	Ia	...	0.0301 (0.0053)	...	19.0	sn06gt	(Ia-91bg)	0.0272	(0.0026)	2.09	(5.25)	208
SN 2001fe	Ia	Ia-norm	0.0126 (0.0014)	2.3 (-1.0)	16.7	sn07A	(Ia-norm)	0.0118	(0.0031)	2.37	(3.78)	9
SN 2001fh	Ia	Ia-norm	0.0152 (0.0057)	4.9 (-1.0)	24.1	sn02ha	(Ia-norm)	0.0134	(0.0022)	4.93	(2.86)	29
SN 2001fh	Ia	Ia-norm	0.0158 (0.0049)	8.2 (-1.0)	24.2	sn02ha	(Ia-norm)	0.0140	(0.0023)	7.89	(1.63)	20
SN 2001fu	Ia	Ia-norm	0.0068 (0.0009)	35.1 (4.9)	17.6	sn05am	(Ia-norm)	0.0074	(0.0034)	35.08	(6.58)	50
SN 2001gc	Ia	Ia-norm	0.0178 (0.0006)	44.4 (0.2)	16.0	sn02bo	(Ia-norm)	0.0176	(0.0039)	44.48	(2.67)	7
SN 2001ic	NotSN	...	0.0449 (0.0013)	...	7.8	kcE	(Gal)	0.0436	(0.0029)	-99.90	(0.00)	9
SN 2001ic	Ia	Ia-norm	0.0389 (0.0023)	...	30.7	sn07gk	(Ia-norm)	0.0408	(0.0023)	19.65	(6.02)	21
SN 2001ib	Ia	Ia-norm	0.0232 (0.0044)	7.7 (2.0)	18.6	sn02ha	(Ia-norm)	0.0209	(0.0026)	4.93	(2.41)	25
SN 2001ib	Ia	Ia-norm	0.0210 (0.0013)	30.2 (5.4)	17.7	sn02cr	(Ia-norm)	0.0190	(0.0033)	33.69	(5.94)	41
SN 2001iq	Ia	Ia-norm	0.0168 (0.0047)	-6.4 (-1.0)	16.8	sn02er	(Ia-norm)	0.0201	(0.0037)	-6.40	(2.04)	8
SN 2001iq	Ia	Ia-norm	0.0204 (0.0024)	16.4 (3.6)	12.7	sn02bo	(Ia-norm)	0.0203	(0.0049)	20.70	(3.35)	7
SN 2002G	Ia	Ia-norm	0.0299 (0.0022)	18.7 (3.9)	19.0	sn00cn	(Ia-norm)	0.0318	(0.0035)	14.95	(9.37)	36
SN 2002ar	Ia	Ia-norm	0.0332 (0.0056)	-5.0 (1.3)	9.2	sn94D	(Ia-norm)	0.0278	(0.0057)	-5.96	(4.26)	17
SN 2002av	Ia	Ia-norm	0.0444 (0.0052)	7.2 (1.7)	26.8	sn06bu	(Ia-norm)	0.0470	(0.0025)	4.24	(3.77)	43
SN 2002av	Ia	Ia-norm	0.0443 (0.0045)	9.6 (-1.0)	26.5	sn00fa	(Ia-norm)	0.0490	(0.0023)	7.34	(1.55)	17
SN 2002av	...	...	...	...	...	...	...	...	...	...	...	...
SN 2002bk	Ia	...	0.0554 (0.0045)	...	22.8	sn97br	(Ia-91T)	0.0462	(0.0027)	37.60	(13.03)	233
SN 2002aw	Ia	Ia-norm	0.0293 (0.0044)	-0.2 (2.3)	30.9	sn08ec	(Ia-norm)	0.0271	(0.0016)	-0.24	(3.06)	51
SN 2002aw	Ia	Ia-norm	0.0283 (0.0019)	14.4 (1.6)	33.1	sn89B	(Ia-norm)	0.0265	(0.0017)	14.40	(4.52)	35
SN 2002bf	Ia	Ia-norm	0.0218 (0.0041)	-1.5 (1.1)	12.5	sn02bo	(Ia-norm)	0.0220	(0.0050)	-1.20	(0.93)	5
SN 2002bf	Ia	Ia-norm	0.0141 (0.0041)	7.3 (-1.0)	14.4	sn06bq	(Ia-norm)	0.0221	(0.0043)	6.69	(0.43)	2
SN 2002bg	Ia	Ia-norm	0.0446 (0.0027)	16.1 (-1.0)	30.0	sn95D	(Ia-norm)	0.0438	(0.0019)	16.10	(2.70)	45

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2002bi	Ia	Ia-norm	0.0249 (0.0012)	33.7 (6.1)	16.1	sn02cr	(Ia-norm)	0.0247	(0.0035)	24.90	(6.58)	65
SN 2002bp	...	...	...	...	...	...	...	...	...	...	...	...
SN 2002bo	...	...	...	...	...	...	...	...	...	...	...	...
SN 2002bo	Ia	Ia-norm	-0.0016 (0.0051)	...	16.0	sn02er	(Ia-norm)	0.0054	(0.0039)	-6.40	(4.40)	11
SN 2002bo	Ia	Ia-norm	0.0022 (0.0026)	11.8 (3.9)	14.2	sn01bg	(Ia-norm)	0.0036	(0.0043)	13.70	(3.49)	14
SN 2002bo	Ia	Ia-norm	0.0026 (0.0009)	28.7 (4.0)	13.6	sn04fu	(Ia-norm)	0.0043	(0.0044)	25.15	(5.84)	17
SN 2002bo	Ia	Ia-norm	0.0040 (0.0008)	51.1 (-1.0)	17.1	sn99dk	(Ia-norm)	0.0040	(0.0034)	44.20	(11.49)	17
SN 2002bo	Ia	...	0.0069 (0.0037)	...	14.5	sn99aa	(Ia-99aa)	0.0049	(0.0039)	59.43	(22.09)	212
SN 2002bo	Ia	Ia-norm	0.0077 (0.0024)	87.3 (7.7)	8.7	sn99dk	(Ia-norm)	0.0059	(0.0064)	71.83	(16.37)	8
SN 2002bo	Ia	...	0.0072 (0.0016)	...	8.2	sn00cx	(Ia-pec)	0.0073	(0.0068)	146.31	(58.29)	25
SN 2002bs	Ia	...	0.0103 (0.0048)	...	12.7	sn02bo	(Ia-norm)	0.0147	(0.0047)	14.80	(24.62)	253
SN 2002bz	Ia	Ia-norm	0.0375 (0.0043)	2.2 (3.8)	28.0	sn03iv	(Ia-norm)	0.0358	(0.0017)	2.16	(3.75)	66
SN 2002cc	Ia	Ia-norm	0.0700 (0.0021)	14.5 (2.9)	15.6	sn94D	(Ia-norm)	0.0696	(0.0033)	15.30	(3.97)	45
SN 2002cd	Ia	Ia-norm	0.0003 (0.0053)	5.9 (-1.0)	12.3	sn92A	(Ia-norm)	0.0099	(0.0046)	5.90	(7.25)	2
SN 2002cd	Ia	Ia-91T	0.0048 (0.0000)	...	10.2	sn97br	(Ia-91T)	0.0089	(0.0058)	7.80	(0.00)	1
SN 2002cd	Ia	Ia-norm	0.0109 (0.0000)	...	11.2	sn02bo	(Ia-norm)	0.0109	(0.0050)	72.50	(0.00)	1
SN 2002cf	Ia	Ia-norm	0.0156 (0.0037)	2.8 (3.0)	17.0	sn00dk	(Ia-norm)	0.0156	(0.0030)	1.36	(3.06)	19
SN 2002cf	Ia	Ia-91bg	0.0139 (0.0000)	...	14.2	sn05ke	(Ia-91bg)	0.0138	(0.0043)	14.85	(0.00)	1
SN 2002ci	Ia	Ia-norm	0.0223 (0.0045)	2.3 (2.5)	18.1	sn02he	(Ia-norm)	0.0244	(0.0030)	3.22	(3.22)	45
SN 2002ck	Ia	Ia-norm	0.0314 (0.0052)	6.4 (-1.0)	19.2	sn95D	(Ia-norm)	0.0298	(0.0029)	6.10	(3.45)	27
SN 2002cr	Ia	Ia-norm	0.0116 (0.0040)	1.1 (1.8)	28.2	sn00dn	(Ia-norm)	0.0080	(0.0020)	-1.04	(2.89)	40
SN 2002cr	Ia	Ia-norm	0.0101 (0.0017)	...	17.6	sn95D	(Ia-norm)	0.0088	(0.0028)	37.80	(7.97)	68
SN 2002cr	Ia	Ia-norm	0.0115 (0.0011)	36.7 (4.9)	20.2	sn95D	(Ia-norm)	0.0105	(0.0024)	37.80	(5.66)	40
SN 2002cr	Ia	Ia-norm	0.0101 (0.0010)	53.9 (9.7)	18.2	sn94D	(Ia-norm)	0.0104	(0.0026)	53.90	(12.16)	17
SN 2002cr	Ia	Ia-norm	0.0104 (0.0017)	87.3 (10.2)	12.8	sn01ep	(Ia-norm)	0.0090	(0.0043)	87.26	(8.64)	8
SN 2002cs	Ia	...	0.0016 (0.0047)	...	22.0	sn94D	(Ia-norm)	0.0008	(0.0024)	-3.51	(4.57)	177
SN 2002cs	Ia	...	0.0109 (0.0053)	...	15.1	sn06N	(Ia-norm)	0.0102	(0.0039)	27.49	(13.41)	263
SN 2002cs	Ia	Ia-norm	0.0126 (0.0010)	29.4 (-1.0)	12.6	sn04fu	(Ia-norm)	0.0145	(0.0047)	25.15	(3.00)	2
SN 2002cs	Ia	Ia-norm	0.0139 (0.0011)	29.0 (4.4)	17.8	sn05am	(Ia-norm)	0.0140	(0.0033)	35.08	(7.29)	40
SN 2002cs	Ia	Ia-norm	0.0142 (0.0009)	50.1 (8.5)	13.7	sn02er	(Ia-norm)	0.0141	(0.0041)	60.98	(7.40)	11
SN 2002cs	Ia	Ia-norm	0.0139 (0.0011)	87.3 (1.7)	12.2	sn99dk	(Ia-norm)	0.0139	(0.0049)	71.83	(7.61)	4
SN 2002cs	Ia	Ia-norm	0.0144 (0.0013)	92.5 (-1.0)	10.8	sn98ef	(Ia-norm)	0.0145	(0.0055)	85.52	(4.93)	2
SN 2002cs	Ia	...	0.0168 (0.0031)	...	6.9	sn07af	(Ia-norm)	0.0137	(0.0087)	121.79	(91.48)	19
SN 2002cu	Ia	Ia-norm	0.0180 (0.0041)	-5.6 (1.9)	12.4	sn07bd	(Ia-norm)	0.0221	(0.0046)	-5.58	(1.84)	10
SN 2002cu	Ia	Ia-norm	0.0200 (0.0022)	16.9 (3.6)	13.0	sn06ev	(Ia-norm)	0.0218	(0.0049)	16.85	(3.79)	7
SN 2002cx	Ia	Ia-02cx	0.0232 (0.0016)	23.4 (1.2)	16.5	sn05hk	(Ia-02cx)	0.0249	(0.0026)	14.30	(4.73)	7
SN 2002cx	Ia	Ia-02cx	0.0231 (0.0011)	...	21.1	sn05hk	(Ia-02cx)	0.0243	(0.0018)	21.87	(7.86)	5
SN 2002cx	Ia	Ia-02cx	0.0237 (0.0011)	23.4 (0.0)	16.4	sn05hk	(Ia-02cx)	0.0242	(0.0023)	23.40	(2.20)	3
SN 2002cx	Ia	Ia-02cx	0.0241 (0.0002)	23.4 (1.2)	13.5	sn05hk	(Ia-02cx)	0.0241	(0.0026)	23.40	(0.88)	3
SN 2002cx	Ia	Ia-02cx	0.0248 (0.0005)	51.0 (-1.0)	18.3	sn05hk	(Ia-02cx)	0.0244	(0.0018)	50.96	(6.32)	5
SN 2002cx	II	IIP	0.0240 (0.0013)	...	7.5	sn04et	(IIP)	0.0236	(0.0033)	229.70	(0.00)	14
SN 2002cx	II	IIP	0.0243 (0.0011)	...	8.9	sn04et	(IIP)	0.0242	(0.0026)	229.70	(0.00)	16
SN 2002cx	...	...	...	...	...	...	...	...	...	...	...	...
SN 2002cv	...	...	...	...	...	...	...	...	...	...	...	...
SN 2002cv	Ia	Ia-norm	0.0046 (0.0003)	...	9.8	sn04ey	(Ia-norm)	0.0044	(0.0064)	18.90	(22.72)	8
SN 2002db	Ia	Ia-norm	0.0314 (0.0044)	7.3 (-1.0)	15.6	sn07kk	(Ia-norm)	0.0386	(0.0036)	7.15	(1.77)	6
SN 2002de	Ia	Ia-norm	0.0272 (0.0050)	-0.7 (3.6)	17.3	sn94ae	(Ia-norm)	0.0263	(0.0030)	1.30	(2.99)	19
SN 2002de	Ia	Ia-norm	0.0253 (0.0042)	8.1 (2.0)	13.7	sn94ae	(Ia-norm)	0.0257	(0.0038)	9.30	(3.51)	8
SN 2002df	Ia	Ia-norm	0.0301 (0.0034)	7.8 (1.9)	16.6	sn05bc	(Ia-norm)	0.0276	(0.0034)	7.47	(2.16)	21
SN 2002di	Ic	Ic-norm	0.0406 (0.0051)	-999.0 (0.0)	13.5	sn08gj	(Ic-norm)	0.0387	(0.0042)	-999.00	(0.00)	8
SN 2002dj	Ia	Ia-norm	-0.0015 (0.0054)	...	13.3	sn00fa	(Ia-norm)	0.0074	(0.0051)	-7.77	(0.00)	1
SN 2002dk	Ia	Ia-91bg	0.0145 (0.0000)	...	10.6	sn99da	(Ia-91bg)	0.0174	(0.0057)	-1.52	(0.00)	1
SN 2002do	Ia	...	0.0149 (0.0054)	...	9.6	sn97br	(Ia-91T)	0.0024	(0.0060)	37.60	(12.25)	76
SN 2002dp	Ia	Ia-norm	0.0140 (0.0023)	14.4 (2.5)	19.7	sn05cf	(Ia-norm)	0.0117	(0.0030)	18.69	(14.32)	28
SN 2002dp	Ia	Ia-norm	0.0128 (0.0009)	41.1 (3.2)	18.2	sn02ha	(Ia-norm)	0.0136	(0.0030)	38.55	(7.66)	53
SN 2002dp	Ia	Ia-norm	0.0131 (0.0011)	...	16.5	sn94D	(Ia-norm)	0.0134	(0.0029)	53.90	(14.06)	18
SN 2002dp	Ia	...	0.0121 (0.0019)	...	15.8	sn91T	(Ia-91T)	0.0100	(0.0036)	112.82	(49.73)	57
SN 2002dp	Ia	Ia-norm	0.0132 (0.0015)	...	10.4	sn98bu	(Ia-norm)	0.0135	(0.0053)	190.10	(39.33)	5
SN 2002dr	Ia	...	0.0249 (0.0050)	...	8.6	sn05hk	(Ia-02cx)	0.0129	(0.0050)	53.80	(14.31)	27
SN 2002dx	Ia	Ia-norm	0.0252 (0.0012)	91.3 (-1.0)	12.6	sn07fs	(Ia-norm)	0.0252	(0.0041)	91.35	(4.78)	2
SN 2002eb	Ia	...	0.0295 (0.0055)	...	23.5	sn05eq	(Ia-99aa)	0.0273	(0.0022)	0.66	(5.08)	204
SN 2002eb	Ia	Ia-norm	0.0272 (0.0016)	...	24.3	sn05cf	(Ia-norm)	0.0265	(0.0025)	27.64	(9.31)	116
SN 2002eb	Ia	Ia-norm	0.0295 (0.0013)	51.1 (1.8)	26.5	sn94D	(Ia-norm)	0.0295	(0.0020)	50.10	(10.73)	49
SN 2002ec	Ia	Ia-norm	0.0344 (0.0023)	14.3 (-1.0)	18.5	sn02bo	(Ia-norm)	0.0371	(0.0034)	10.80	(2.55)	6
SN 2002ec	Ia	Ia-norm	0.0393 (0.0016)	28.5 (2.5)	19.7	sn98ef	(Ia-norm)	0.0396	(0.0033)	28.51	(6.84)	57

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Table 7 — Continued

SN Name	Type	Subtype	$z_{\text{SNID}}^{\text{a}}$	$t_{\text{SNID}}^{\text{b}}$	rlap	Best Match ^c						
SN 2002ef	Ia	Ia-norm	0.0232 (0.0047)	4.2 (2.3)	18.6	sn07fr	(Ia-norm)	0.0233	(0.0031)	-1.15	(2.92)	38
SN 2002ef	Ia	Ia-norm	0.0240 (0.0013)	28.5 (4.0)	20.3	sn98ef	(Ia-norm)	0.0249	(0.0030)	28.51	(7.53)	63
SN 2002eh	Ia	Ia-norm	0.0165 (0.0019)	...	14.8	sn04fz	(Ia-norm)	0.0173	(0.0038)	17.56	(9.57)	40
SN 2002ep	Ia	Ia-norm	0.0549 (0.0014)	28.5 (2.2)	21.0	sn06ej	(Ia-norm)	0.0563	(0.0032)	27.54	(6.95)	35
SN 2002el	Ia	Ia-norm	0.0282 (0.0027)	13.2 (1.6)	31.2	sn90N	(Ia-norm)	0.0284	(0.0019)	14.50	(3.36)	54
SN 2002el	Ia	Ia-norm	0.0264 (0.0016)	...	23.3	sn07bm	(Ia-norm)	0.0269	(0.0027)	20.45	(9.85)	82
SN 2002el	Ia	...	0.0277 (0.0043)	...	17.1	sn00cx	(Ia-pec)	0.0303	(0.0031)	28.40	(16.96)	247
SN 2002er	Ia	Ia-norm	0.0046 (0.0045)	-2.5 (0.7)	15.0	sn04fu	(Ia-norm)	0.0098	(0.0039)	-2.77	(2.07)	10
SN 2002er	Ia	Ia-norm	0.0086 (0.0056)	7.1 (2.3)	24.6	sn02kf	(Ia-norm)	0.0085	(0.0023)	7.14	(3.05)	18
SN 2002er	Ia	Ia-norm	0.0060 (0.0010)	...	14.2	sn01dw	(Ia-norm)	0.0072	(0.0042)	11.06	(9.82)	17
SN 2002er	Ia	Ia-norm	0.0085 (0.0010)	59.1 (7.6)	17.3	sn94D	(Ia-norm)	0.0100	(0.0030)	59.10	(7.79)	23
SN 2002et	Ia	Ia-norm	0.0286 (0.0018)	15.5 (3.5)	16.6	sn07bm	(Ia-norm)	0.0282	(0.0035)	15.52	(16.40)	29
SN 2002gb	Ia	Ia-norm	0.0744 (0.0013)	33.0 (5.5)	20.3	sn06dm	(Ia-norm)	0.0734	(0.0026)	36.06	(7.94)	87
SN 2002eu	Ia	Ia-norm	0.0382 (0.0047)	1.4 (2.9)	24.1	sn04fu	(Ia-norm)	0.0398	(0.0023)	2.30	(3.81)	75
SN 2002eu	Ia	Ia-norm	0.0371 (0.0026)	10.2 (2.6)	16.8	sn00dk	(Ia-norm)	0.0349	(0.0034)	11.19	(4.10)	34
SN 2002eu	...	...	...	...	...	...	...	...	...	...	...	...
SN 2002eu	Ia	Ia-norm	0.0375 (0.0016)	32.4 (3.7)	36.7	sn06dm	(Ia-norm)	0.0367	(0.0016)	36.06	(8.35)	100
SN 2002eu	Ia	Ia-norm	0.0378 (0.0016)	87.9 (11.4)	17.9	sn01ep	(Ia-norm)	0.0360	(0.0030)	87.26	(13.69)	18
SN 2002ey	Ia	...	0.0397 (0.0057)	...	17.8	sn06gt	(Ia-91bg)	0.0365	(0.0029)	2.09	(5.89)	226
SN 2002fb	Ia	Ia-91bg	0.0161 (0.0020)	1.4 (1.1)	17.1	sn06cs	(Ia-91bg)	0.0161	(0.0029)	2.41	(2.15)	8
SN 2002fb	Ia	Ia-91bg	0.0154 (0.0019)	...	14.0	sn06em	(Ia-91bg)	0.0166	(0.0040)	20.95	(5.40)	7
SN 2002fb	Ia	Ia-91bg	0.0131 (0.0012)	...	10.8	sn91bg	(Ia-91bg)	0.0157	(0.0048)	48.21	(0.00)	1
SN 2002fi	Ia	Ia-norm	0.0568 (0.0041)	28.5 (4.2)	13.6	sn01ep	(Ia-norm)	0.0557	(0.0042)	28.46	(6.38)	8
SN 2002fk	Ia	Ia-norm	0.0122 (0.0050)	5.7 (2.2)	18.0	sn07af	(Ia-norm)	0.0090	(0.0028)	3.85	(1.95)	17
SN 2002fk	Ia	Ia-norm	0.0075 (0.0010)	42.1 (2.1)	21.6	sn98bu	(Ia-norm)	0.0081	(0.0023)	42.10	(7.18)	42
SN 2002fk	Ia	Ia-norm	0.0078 (0.0018)	41.1 (2.8)	21.8	sn98bu	(Ia-norm)	0.0080	(0.0023)	41.10	(8.31)	55
SN 2002fk	Ia	...	0.0081 (0.0040)	...	15.4	sn08ds	(Ia-99aa)	0.0083	(0.0033)	78.23	(28.33)	125
SN 2002fk	Ia	Ia-norm	0.0071 (0.0013)	...	20.0	sn94ae	(Ia-norm)	0.0069	(0.0027)	123.60	(28.76)	5
SN 2002gf	Ia	Ia-norm	0.0889 (0.0019)	...	9.6	sn98bu	(Ia-norm)	0.0896	(0.0051)	30.20	(7.88)	89
SN 2002gc	Ia	Ia-norm	0.0269 (0.0060)	0.6 (2.8)	13.0	sn00dk	(Ia-norm)	0.0213	(0.0041)	1.36	(2.73)	15
SN 2002gc	Ia	Ia-91bg	0.0282 (0.0027)	...	12.3	sn99da	(Ia-91bg)	0.0217	(0.0044)	36.91	(0.00)	1
SN 2002gc	...	...	...	...	...	...	...	...	...	...	...	...
SN 2002gc	...	...	...	...	...	...	...	...	...	...	...	...
SN 2002gg	Ia	Ia-norm	0.1072 (0.0019)	...	15.3	sn04fz	(Ia-norm)	0.1084	(0.0033)	17.56	(12.02)	30
SN 2002gx	Ia	Ia-norm	0.0806 (0.0014)	28.5 (3.2)	14.8	sn94D	(Ia-norm)	0.0809	(0.0034)	24.20	(5.40)	38
SN 2002ha	Ia	Ia-norm	0.0146 (0.0041)	1.2 (2.3)	23.6	sn06dw	(Ia-norm)	0.0146	(0.0022)	1.07	(3.49)	52
SN 2002ha	Ia	Ia-norm	0.0163 (0.0048)	1.6 (-1.0)	32.7	sn00dk	(Ia-norm)	0.0154	(0.0017)	1.36	(3.53)	45
SN 2002ha	Ia	Ia-norm	0.0165 (0.0042)	8.1 (0.3)	33.1	sn05bc	(Ia-norm)	0.0128	(0.0016)	7.47	(2.79)	41
SN 2002ha	Ia	Ia-norm	0.0131 (0.0007)	42.1 (2.7)	17.7	sn02fk	(Ia-norm)	0.0130	(0.0029)	41.50	(10.45)	43
SN 2002ha	Ia	Ia-norm	0.0124 (0.0015)	87.9 (-1.0)	20.3	sn02fk	(Ia-norm)	0.0128	(0.0026)	72.46	(14.15)	14
SN 2002hd	Ia	Ia-norm	0.0356 (0.0041)	7.0 (1.6)	20.8	sn02ha	(Ia-norm)	0.0346	(0.0025)	7.89	(3.06)	50
SN 2002hd	Ia	Ia-norm	0.0336 (0.0022)	15.3 (2.9)	25.0	sn05be	(Ia-norm)	0.0363	(0.0025)	10.96	(4.85)	50
SN 2002he	Ia	Ia-norm	0.0181 (0.0040)	-3.7 (2.5)	19.7	sn07bd	(Ia-norm)	0.0255	(0.0027)	-5.58	(1.98)	9
SN 2002he	Ia	Ia-norm	0.0213 (0.0041)	...	13.3	sn06sr	(Ia-norm)	0.0259	(0.0039)	-2.30	(4.00)	9
SN 2002he	Ia	Ia-norm	0.0217 (0.0048)	2.7 (3.6)	37.0	sn06sr	(Ia-norm)	0.0230	(0.0015)	2.73	(3.62)	29
SN 2002he	Ia	Ia-norm	0.0226 (0.0049)	2.7 (-1.0)	25.6	sn06sr	(Ia-norm)	0.0247	(0.0021)	2.73	(3.78)	31
SN 2002hl	Ia	Ia-norm	0.0088 (0.0008)	50.1 (1.8)	19.8	sn94D	(Ia-norm)	0.0083	(0.0025)	53.90	(6.21)	15
SN 2002hv	Ia	...	0.0248 (0.0042)	...	18.5	sn99da	(Ia-91bg)	0.0216	(0.0030)	36.91	(18.37)	312
SN 2002hu	Ia	...	0.0371 (0.0064)	...	24.2	sn90N	(Ia-norm)	0.0437	(0.0030)	-6.40	(5.08)	189
SN 2002hw	Ia	Ia-norm	0.0168 (0.0037)	-1.1 (-1.0)	23.4	sn07fr	(Ia-norm)	0.0167	(0.0022)	-1.15	(3.57)	37
SN 2002hw	Ia	Ia-norm	0.0173 (0.0008)	28.4 (3.8)	10.5	sn01ep	(Ia-norm)	0.0157	(0.0055)	28.46	(3.18)	5
SN 2002jg	Ia	Ia-norm	0.0183 (0.0045)	12.4 (-1.0)	14.7	sn05kc	(Ia-norm)	0.0172	(0.0038)	10.22	(1.29)	3
SN 2002jm	Ia	Ia-91bg	0.0178 (0.0026)	...	10.1	sn06ke	(Ia-91bg)	0.0196	(0.0056)	8.43	(0.00)	1
SN 2002jo	Ia	Ia-norm	0.0086 (0.0010)	...	15.3	sn05de	(Ia-norm)	0.0082	(0.0039)	40.49	(8.49)	40
SN 2002jy	Ia	Ia-norm	0.0192 (0.0035)	11.1 (0.5)	24.0	sn04bg	(Ia-norm)	0.0188	(0.0024)	10.34	(2.70)	33
SN 2002jy	Ia	Ia-norm	0.0202 (0.0016)	37.8 (4.4)	21.3	sn07fs	(Ia-norm)	0.0190	(0.0026)	36.37	(9.75)	78
SN 2002kf	Ia	Ia-norm	0.0202 (0.0053)	4.5 (3.0)	25.5	sn00dk	(Ia-norm)	0.0186	(0.0022)	1.36	(3.33)	48
SN 2003D	Ia	Ia-norm	0.0227 (0.0023)	12.5 (3.7)	15.5	sn00dk	(Ia-norm)	0.0213	(0.0036)	11.19	(4.31)	22
SN 2003D	Ia	...	0.0227 (0.0045)	...	14.7	sn91bg	(Ia-91bg)	0.0211	(0.0036)	54.50	(26.31)	136
SN 2003F	Ia	Ia-norm	0.0178 (0.0023)	13.7 (2.2)	19.7	sn04ey	(Ia-norm)	0.0161	(0.0028)	18.90	(4.00)	35
SN 2003F	Ia	Ia-norm	0.0171 (0.0028)	17.4 (1.6)	19.4	sn94D	(Ia-norm)	0.0175	(0.0029)	17.40	(8.32)	29
SN 2003K	Ia	...	0.0166 (0.0063)	...	18.4	sn97br	(Ia-91T)	0.0204	(0.0034)	7.80	(24.54)	224
SN 2003K	Ia	...	0.0188 (0.0047)	...	21.0	sn99aa	(Ia-99aa)	0.0346	(0.0030)	15.40	(31.37)	178
SN 2003M
SN 2003M	Ia	...	0.0228 (0.0039)	...	9.7	sn91bg	(Ia-91bg)	0.0219	(0.0060)	46.50	(21.22)	70

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2003V	Ia	Ia-norm	0.0449 (0.0015)	...	27.5	sn02bo	(Ia-norm)	0.0431	(0.0021)	54.60	(19.20)	37
SN 2003ae	Ia	Ia-norm	0.0356 (0.0012)	29.4 (4.2)	12.4	sn05de	(Ia-norm)	0.0360	(0.0054)	25.75	(4.25)	22
SN 2003P	Ia	Ia-norm	0.0320 (0.0016)	31.1 (3.8)	27.6	sn98bu	(Ia-norm)	0.0322	(0.0021)	33.20	(8.32)	97
SN 2003S	Ia	Ia-norm	0.0400 (0.0013)	10.2 (0.8)	16.2	sn98bu	(Ia-norm)	0.0401	(0.0036)	10.20	(1.18)	11
SN 2003U	Ia	Ia-norm	0.0272 (0.0048)	-0.9 (2.7)	29.9	sn02ha	(Ia-norm)	0.0255	(0.0018)	-0.85	(3.83)	55
SN 2003W	Ia	Ia-norm	0.0002 (0.0068)	-10.6 (3.1)	9.5	sn94D	(Ia-norm)	0.0189	(0.0080)	-10.70	(2.42)	5
SN 2003W	Ia	Ia-norm	0.0189 (0.0000)	...	10.2	sn04ef	(Ia-norm)	0.0189	(0.0064)	8.05	(0.00)	1
SN 2003W	Ia	...	0.0237 (0.0040)	...	11.7	sn01eh	(Ia-99aa)	0.0217	(0.0048)	59.90	(20.54)	241
SN 2003X	Ia	Ia-norm	0.0211 (0.0016)	27.5 (3.9)	16.3	sn04fu	(Ia-norm)	0.0223	(0.0039)	25.15	(5.98)	22
SN 2003Y	Ia	Ia-91bg	0.0153 (0.0032)	1.0 (1.2)	12.7	sn06cs	(Ia-91bg)	0.0166	(0.0042)	2.41	(1.04)	3
SN 2003Y	Ia	Ia-91bg	0.0163 (0.0016)	...	13.8	sn91bg	(Ia-91bg)	0.0149	(0.0042)	18.60	(4.56)	9
SN 2003af	Ia	Ia-norm	0.0179 (0.0025)	20.7 (3.3)	16.9	sn99dk	(Ia-norm)	0.0200	(0.0037)	23.62	(3.23)	27
SN 2003av	Ia	Ia-norm	0.1472 (0.0010)	14.1 (0.8)	17.3	sn07A	(Ia-norm)	0.1472	(0.0030)	15.07	(1.91)	12
SN 2003ai	Ia	Ia-norm	0.0381 (0.0043)	11.1 (2.5)	28.3	sn06cf	(Ia-norm)	0.0347	(0.0020)	11.12	(2.49)	37
SN 2003ah	Ia	Ia-norm	0.0324 (0.0029)	12.5 (1.9)	23.0	sn07A	(Ia-norm)	0.0325	(0.0025)	15.07	(2.67)	34
SN 2003an	Ia	...	0.0330 (0.0048)	...	30.3	sn07bm	(Ia-norm)	0.0327	(0.0020)	20.45	(17.72)	353
SN 2003ax	Ia	Ia-norm	0.0504 (0.0028)	15.6 (-1.0)	37.4	sn02bo	(Ia-norm)	0.0520	(0.0017)	15.65	(3.95)	49
SN 2003au	Ia	Ia-91bg	0.0325 (0.0017)	...	24.9	sn05bl	(Ia-91bg)	0.0326	(0.0023)	17.19	(7.90)	18
SN 2003bf	Ia	Ia-norm	0.0291 (0.0041)	-3.5 (2.4)	18.7	sn05ms	(Ia-norm)	0.0307	(0.0032)	-1.51	(2.30)	20
SN 2003ay	Ia	Ia-norm	0.0755 (0.0019)	14.7 (3.5)	12.9	sn94D	(Ia-norm)	0.0751	(0.0038)	14.40	(3.29)	13
SN 2003bh	Ia	Ia-norm	0.0892 (0.0013)	28.4 (2.2)	19.7	sn06N	(Ia-norm)	0.0893	(0.0027)	27.49	(6.50)	49
SN 2003bi	Ia	Ia-norm	0.0956 (0.0043)	1.1 (2.9)	20.2	sn06bu	(Ia-norm)	0.0974	(0.0027)	4.24	(3.90)	68
SN 2003cq	Ia	Ia-norm	0.0310 (0.0051)	-1.5 (1.6)	27.7	sn02er	(Ia-norm)	0.0333	(0.0023)	-1.50	(3.41)	54
SN 2003du	Ia	...	0.0052 (0.0049)	...	13.2	sn08ds	(Ia-99aa)	0.0059	(0.0034)	21.43	(24.08)	193
SN 2003du	Ia	Ia-norm	0.0047 (0.0008)	...	12.2	sn04ey	(Ia-norm)	0.0061	(0.0054)	18.90	(15.56)	8
SN 2003du	Ia	Ia-norm	0.0059 (0.0022)	17.4 (3.6)	19.6	sn94D	(Ia-norm)	0.0073	(0.0028)	17.40	(14.00)	37
SN 2003du	Ia	Ia-norm	0.0067 (0.0016)	36.1 (3.7)	23.8	sn95D	(Ia-norm)	0.0054	(0.0021)	37.80	(8.00)	78
SN 2003du	Ia	Ia-norm	0.0060 (0.0010)	59.1 (4.5)	21.3	sn94D	(Ia-norm)	0.0061	(0.0022)	53.90	(11.35)	30
SN 2003du	Ia	Ia-norm	0.0059 (0.0014)	91.3 (-1.0)	19.8	sn07fs	(Ia-norm)	0.0046	(0.0027)	91.35	(11.40)	13
SN 2003dw	Ia	Ia-norm	0.0306 (0.0029)	29.4 (3.6)	7.6	sn02bo	(Ia-norm)	0.0289	(0.0078)	29.40	(9.29)	9
SN 2003ek	...	...	...	...	...	...	...	...	...	...	...	...
SN 2003ek	Ia	Ia-norm	0.0345 (0.0045)	-0.6 (3.2)	8.0	sn00cp	(Ia-norm)	0.0346	(0.0062)	3.21	(3.99)	59
SN 2003ek	...	...	...	...	...	...	...	...	...	...	...	...
SN 2003ek	Ia	Ia-norm	0.0358 (0.0006)	25.1 (2.7)	11.5	sn04fz	(Ia-norm)	0.0358	(0.0064)	22.28	(2.61)	3
SN 2003fa	Ia	...	0.0376 (0.0070)	...	17.3	sn00cx	(Ia-pec)	0.0430	(0.0037)	-2.40	(4.41)	91
SN 2003fa	Ia	Ia-norm	0.0410 (0.0027)	...	30.9	sn04ey	(Ia-norm)	0.0399	(0.0018)	18.90	(14.98)	52
SN 2003fa	Ia	...	0.0418 (0.0045)	...	34.9	sn98es	(Ia-99aa)	0.0401	(0.0016)	46.13	(16.21)	308
SN 2003fd	Ia	Ia-norm	0.0589 (0.0026)	15.1 (-1.0)	24.8	sn07A	(Ia-norm)	0.0584	(0.0021)	15.07	(2.66)	45
SN 2003gj	Ia	Ia-norm	0.0331 (0.0031)	27.2 (4.9)	8.6	sn02er	(Ia-norm)	0.0364	(0.0084)	19.50	(4.95)	35
SN 2003gn	Ia	Ia-norm	0.0309 (0.0054)	-4.0 (1.9)	25.6	sn02bo	(Ia-norm)	0.0364	(0.0024)	-5.10	(2.52)	14
SN 2003gn	Ia	Ia-norm	0.0378 (0.0022)	...	10.6	sn98dx	(Ia-norm)	0.0363	(0.0050)	5.50	(0.00)	1
SN 2003gq	Ia	Ia-02cx	0.0232 (0.0005)	-3.3 (1.6)	15.9	sn05hk	(Ia-02cx)	0.0230	(0.0028)	-3.30	(1.53)	7
SN 2003gq	Ia	Ia-02cx	0.0222 (0.0000)	...	12.0	sn05hk	(Ia-02cx)	0.0222	(0.0027)	65.50	(0.00)	1
SN 2003gs	Ia	Ia-norm	0.0052 (0.0009)	39.5 (3.9)	12.3	sn00cu	(Ia-norm)	0.0053	(0.0046)	38.25	(3.68)	9
SN 2003gs	Ia	...	0.0083 (0.0024)	...	8.9	sn90N	(Ia-norm)	0.0070	(0.0060)	213.40	(65.81)	28
SN 2003gt	Ia	Ia-norm	0.0137 (0.0023)	-2.8 (3.2)	16.6	sn00dg	(Ia-norm)	0.0145	(0.0027)	-5.00	(2.66)	15
SN 2003gt	Ia	Ia-norm	0.0147 (0.0017)	13.7 (1.8)	16.9	sn95D	(Ia-norm)	0.0145	(0.0031)	16.10	(2.58)	17
SN 2003he	Ia	Ia-norm	0.0261 (0.0058)	...	16.1	sn89B	(Ia-norm)	0.0266	(0.0038)	-6.30	(4.77)	11
SN 2003he	Ia	Ia-norm	0.0231 (0.0039)	10.1 (1.4)	16.8	sn94ae	(Ia-norm)	0.0232	(0.0032)	11.30	(2.42)	19
SN 2003hj	Ia	Ia-norm	0.0746 (0.0046)	12.4 (1.5)	11.8	sn89B	(Ia-norm)	0.0744	(0.0042)	11.50	(30.60)	104
SN 2003hm	Ia	...	0.0130 (0.0045)	...	16.0	sn94ae	(Ia-norm)	0.0118	(0.0032)	70.00	(30.45)	136
SN 2003hs	Ia	Ia-norm	0.0485 (0.0044)	-4.4 (3.3)	17.7	sn02er	(Ia-norm)	0.0525	(0.0040)	-4.40	(3.21)	23
SN 2003hw	Ia	...	0.0421 (0.0041)	...	24.7	sn98es	(Ia-99aa)	0.0387	(0.0021)	57.79	(19.05)	306
SN 2003hv	Ia	Ia-norm	0.0040 (0.0011)	28.3 (4.6)	15.4	sn02eu	(Ia-norm)	0.0040	(0.0036)	33.44	(6.93)	29
SN 2003hv	Ia	Ia-norm	0.0048 (0.0010)	28.8 (4.8)	19.8	sn08ec	(Ia-norm)	0.0037	(0.0029)	30.18	(6.58)	36
SN 2003hv	Ia	...	0.0040 (0.0030)	...	14.1	sn07fs	(Ia-norm)	0.0019	(0.0041)	91.35	(28.08)	83
SN 2003hx	Ia	Ia-norm	0.0056 (0.0011)	28.5 (2.6)	18.6	sn04ef	(Ia-norm)	0.0064	(0.0032)	31.23	(6.01)	20
SN 2003ij	Ia	Ia-99aa	0.0148 (0.0038)	...	11.6	sn01eh	(Ia-99aa)	0.0174	(0.0051)	-5.63	(0.00)	1
SN 2003ik	Ia	Ia-norm	0.0253 (0.0039)	2.3 (1.4)	17.9	sn07A	(Ia-norm)	0.0236	(0.0029)	2.37	(3.68)	23
SN 2003in	Ia	Ia-norm	0.0207 (0.0036)	...	10.2	sn04ey	(Ia-norm)	0.0232	(0.0053)	18.90	(0.00)	1
SN 2003im	Ia	Ia-norm	0.0206 (0.0013)	40.5 (2.6)	21.6	sn04eo	(Ia-norm)	0.0191	(0.0025)	44.40	(8.38)	69
SN 2003iv	Ia	Ia-norm	0.0363 (0.0048)	...	21.5	sn02bz	(Ia-norm)	0.0356	(0.0022)	5.60	(3.13)	40
SN 2003iv	Ia	Ia-norm	0.0373 (0.0051)	5.7 (0.9)	25.7	sn04gs	(Ia-norm)	0.0370	(0.0021)	0.44	(3.16)	43
SN 2003iz	Ia	Ia-norm	0.0470 (0.0051)	7.9 (1.5)	22.0	sn05am	(Ia-norm)	0.0482	(0.0026)	4.47	(2.65)	39
SN 2003kc	Ia	Ia-norm	0.0191 (0.0071)	-7.0 (-1.0)	28.0	sn02bo	(Ia-norm)	0.0332	(0.0023)	-8.10	(2.29)	7

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2003kd	Ia	Ia-norm	0.0301 (0.0041)	5.6 (-1.0)	26.2	sn06sr	(Ia-norm)	0.0322	(0.0020)	2.73	(3.79)	55
SN 2003kd	...	...	...	...	...	...	...	...	...	...	...	...
SN 2003kh	Ia	...	0.0369 (0.0054)	...	25.8	sn02cf	(Ia-91bg)	0.0359	(0.0020)	-0.65	(6.36)	235
SN 2003kg	Ia	Ia-norm	0.0226 (0.0064)	-1.7 (1.5)	12.1	sn04as	(Ia-norm)	0.0277	(0.0051)	-4.36	(2.17)	9
SN 2003kf	Ia	Ia-norm	0.0060 (0.0038)	-6.4 (-1.0)	15.1	sn04ey	(Ia-norm)	0.0061	(0.0038)	-7.48	(1.49)	5
SN 2003kf	Ia	Ia-norm	0.0068 (0.0008)	42.1 (3.6)	16.5	sn94D	(Ia-norm)	0.0065	(0.0032)	43.96	(9.88)	47
SN 2003ls	Ia	Ia-norm	0.0443 (0.0018)	...	13.6	sn94D	(Ia-norm)	0.0448	(0.0049)	14.40	(19.63)	19
SN 2003lb	Ia	Ia-norm	0.0192 (0.0020)	15.5 (2.6)	14.5	sn06ev	(Ia-norm)	0.0193	(0.0044)	16.85	(2.88)	18
SN 2003lc	Ia	Ia-norm	0.0347 (0.0019)	20.5 (-1.0)	29.7	sn07bm	(Ia-norm)	0.0352	(0.0021)	20.45	(10.91)	99
SN 2003lq	Ia	Ia-norm	0.0246 (0.0035)	10.2 (1.1)	20.9	sn05kc	(Ia-norm)	0.0240	(0.0026)	10.22	(2.60)	19
SN 2004E	Ia	Ia-norm	0.0285 (0.0039)	9.3 (-1.0)	17.6	sn94ae	(Ia-norm)	0.0294	(0.0029)	9.40	(2.70)	21
SN 2004W	Ia	Ia-91bg	0.0051 (0.0024)	117.2 (22.3)	6.0	sn91bg	(Ia-91bg)	0.0027	(0.0093)	117.20	(16.80)	3
SN 2004S	Ia	Ia-norm	0.0129 (0.0062)	6.0 (-1.0)	12.9	sn01ep	(Ia-norm)	0.0081	(0.0045)	5.97	(0.70)	2
SN 2004S	...	...	...	...	...	...	...	...	...	...	...	...
SN 2004Y	Ia	Ia-norm	0.0680 (0.0020)	...	14.7	sn04fz	(Ia-norm)	0.0687	(0.0039)	17.56	(7.82)	43
SN 2004as	Ia	Ia-norm	0.0231 (0.0057)	-4.5 (1.4)	22.2	sn02er	(Ia-norm)	0.0282	(0.0029)	-6.40	(2.35)	20
SN 2004bd	Ia	Ia-norm	0.0103 (0.0024)	6.0 (1.6)	11.0	sn01ep	(Ia-norm)	0.0101	(0.0052)	5.97	(1.46)	3
SN 2004bd	Ia	Ia-norm	0.0109 (0.0010)	28.5 (1.3)	12.1	sn01ep	(Ia-norm)	0.0090	(0.0049)	28.46	(6.12)	4
SN 2004bd	Ia	Ia-norm	0.0097 (0.0000)	...	10.1	sn02bo	(Ia-norm)	0.0097	(0.0053)	40.60	(0.00)	1
SN 2004bg	Ia	Ia-norm	0.0229 (0.0042)	11.3 (3.0)	37.6	sn94ae	(Ia-norm)	0.0221	(0.0014)	11.30	(2.99)	28
SN 2004bg	Ia	Ia-norm	0.0219 (0.0019)	40.5 (5.4)	13.6	sn04eo	(Ia-norm)	0.0202	(0.0041)	44.40	(8.73)	41
SN 2004bj	Ia	Ia-norm	0.0496 (0.0046)	-1.1 (3.7)	20.6	sn07fr	(Ia-norm)	0.0502	(0.0025)	-1.15	(3.73)	23
SN 2004bk	Ia	Ia-norm	0.0193 (0.0051)	...	24.7	sn07kk	(Ia-norm)	0.0239	(0.0024)	7.15	(4.36)	8
SN 2004bk	Ia	Ia-pec	0.0248 (0.0000)	...	11.8	sn00cx	(Ia-pec)	0.0248	(0.0043)	30.06	(0.00)	1
SN 2004bl	Ia	Ia-norm	0.0179 (0.0051)	4.2 (0.8)	26.7	sn95D	(Ia-norm)	0.0161	(0.0020)	4.20	(2.78)	34
SN 2004bl	Ia	Ia-norm	0.0181 (0.0018)	17.7 (-1.0)	23.5	sn95D	(Ia-norm)	0.0173	(0.0022)	16.10	(4.63)	19
SN 2004bp	Ia	Ia-91bg	0.0291 (0.0020)	...	7.0	sn91bg	(Ia-91bg)	0.0291	(0.0074)	18.60	(4.78)	5
SN 2004bq	Ia	Ia-norm	0.0287 (0.0048)	17.2 (-1.0)	11.5	sn94D	(Ia-norm)	0.0287	(0.0047)	17.20	(2.05)	2
SN 2004cb	Ia	Ia-norm	0.0140 (0.0014)	...	12.7	sn07bc	(Ia-norm)	0.0143	(0.0047)	16.35	(12.90)	36
SN 2004br	Ia	Ia-99aa	0.0246 (0.0000)	...	10.1	sn08ds	(Ia-99aa)	0.0246	(0.0054)	-4.93	(0.00)	1
SN 2004br	Ia	...	0.0198 (0.0048)	...	17.4	sn91T	(Ia-91T)	0.0210	(0.0034)	18.60	(26.56)	174
SN 2004br	Ia	Ia-norm	0.0210 (0.0022)	20.5 (3.8)	16.0	sn06dw	(Ia-norm)	0.0238	(0.0038)	22.47	(9.01)	23
SN 2004bv	Ia	Ia-91T	0.0101 (0.0012)	-4.3 (3.4)	8.4	sn91T	(Ia-91T)	0.0087	(0.0061)	-0.20	(2.43)	10
SN 2004bv	Ia	...	0.0126 (0.0062)	...	17.7	sn03ai	(Ia-norm)	0.0085	(0.0031)	7.73	(8.24)	243
SN 2004bv	Ia	...	0.0118 (0.0046)	...	14.9	sn08bt	(Ia-91bg)	0.0127	(0.0041)	10.97	(13.24)	211
SN 2004bv	Ia	Ia-norm	0.0130 (0.0011)	40.1 (6.1)	22.5	sn94ae	(Ia-norm)	0.0119	(0.0024)	36.20	(6.25)	40
SN 2004bv	Ia	...	0.0143 (0.0041)	...	21.6	sn02er	(Ia-norm)	0.0129	(0.0025)	60.98	(21.39)	301
SN 2004bv	Ia	Ia-norm	0.0127 (0.0014)	121.8 (-1.0)	16.7	sn07af	(Ia-norm)	0.0111	(0.0034)	113.82	(17.81)	4
SN 2004bv	Ia	Ia-norm	0.0137 (0.0014)	121.8 (-1.0)	15.4	sn07af	(Ia-norm)	0.0118	(0.0037)	121.79	(5.63)	2
SN 2004bw	Ia	Ia-norm	0.0165 (0.0054)	-5.9 (3.5)	9.6	sn02he	(Ia-norm)	0.0220	(0.0052)	-5.91	(3.94)	19
SN 2004bw	Ia	Ia-norm	0.0229 (0.0054)	5.7 (1.8)	25.9	sn02ha	(Ia-norm)	0.0206	(0.0021)	4.93	(2.80)	40
SN 2004ca	Ia	Ia-norm	0.0133 (0.0042)	-6.4 (-1.0)	18.0	sn02er	(Ia-norm)	0.0177	(0.0035)	-6.40	(2.26)	8
SN 2004bz	Ia	Ia-norm	0.0355 (0.0015)	51.1 (6.7)	24.4	sn04ey	(Ia-norm)	0.0353	(0.0022)	51.49	(14.99)	64
SN 2004cv	Ia	Ia-norm	0.0338 (0.0030)	13.8 (1.7)	23.0	sn02bo	(Ia-norm)	0.0350	(0.0029)	13.80	(1.86)	11
SN 2004db	Ia	...	0.0149 (0.0016)	...	6.7	sn91T	(Ia-91T)	0.0131	(0.0088)	112.82	(10.08)	6
SN 2004da	Ic	Ic-pec	0.0133 (0.0068)	-0.2 (-1.0)	9.9	sn04aw	(Ic-pec)	0.0150	(0.0060)	-0.20	(0.00)	3
SN 2004da	Ic	Ic-norm	0.0132 (0.0065)	...	6.1	sn03kb	(Ic-norm)	0.0045	(0.0088)	-999.00	(0.00)	6
SN 2004da	Ia	...	0.0144 (0.0044)	...	11.2	sn00cx	(Ia-pec)	0.0183	(0.0058)	41.30	(19.41)	176
SN 2004di	Ia	...	0.0188 (0.0056)	...	8.5	sn05ke	(Ia-91bg)	0.0176	(0.0066)	14.85	(13.41)	61
SN 2004di	Ia	Ia-91bg	0.0209 (0.0018)	...	12.2	sn03Y	(Ia-91bg)	0.0210	(0.0047)	20.55	(4.65)	6
SN 2004eq	Ia	Ia-norm	0.0092 (0.0012)	76.3 (10.2)	14.1	sn99dk	(Ia-norm)	0.0094	(0.0043)	71.83	(8.90)	11
SN 2004dt	Ia	Ia-norm	0.0096 (0.0052)	-9.1 (0.9)	9.7	sn02cs	(Ia-norm)	0.0216	(0.0061)	-9.09	(0.86)	4
SN 2004dt	Ia	Ia-norm	0.0190 (0.0045)	...	8.0	sn94D	(Ia-norm)	0.0186	(0.0073)	-8.96	(4.11)	14
SN 2004dt	Ia	Ia-norm	0.0192 (0.0023)	...	13.1	sn89B	(Ia-norm)	0.0181	(0.0037)	14.40	(5.73)	28
SN 2004dt	Ia	Ia-norm	0.0209 (0.0017)	31.1 (5.0)	19.7	sn05cf	(Ia-norm)	0.0206	(0.0028)	27.64	(7.01)	70
SN 2004dt	Ia	Ia-norm	0.0209 (0.0019)	43.6 (7.5)	17.3	sn02bo	(Ia-norm)	0.0190	(0.0030)	45.60	(9.96)	59
SN 2004dt	...	...	...	...	...	...	...	...	...	...	...	...
SN 2004dt	Ia	Ia-norm	0.0206 (0.0007)	142.2 (-1.0)	11.3	sn02cs	(Ia-norm)	0.0211	(0.0056)	142.16	(35.12)	2
SN 2004dt	Ia	...	0.0190 (0.0019)	...	9.1	sn02cs	(Ia-norm)	0.0195	(0.0069)	142.16	(52.40)	24
SN 2004dt	Ia	Ia-norm	0.0199 (0.0014)	228.1 (-1.0)	5.3	sn90N	(Ia-norm)	0.0189	(0.0124)	228.10	(56.12)	2
SN 2004ef	Ia	Ia-norm	0.0306 (0.0034)	-4.0 (3.1)	17.1	sn02bo	(Ia-norm)	0.0314	(0.0037)	-5.10	(2.81)	13
SN 2004ef	Ia	Ia-norm	0.0301 (0.0032)	11.0 (2.4)	25.1	sn06ev	(Ia-norm)	0.0305	(0.0025)	11.03	(2.36)	28
SN 2004ef	Ia	Ia-norm	0.0280 (0.0000)	...	10.0	sn95D	(Ia-norm)	0.0280	(0.0057)	37.80	(0.00)	1
SN 2004ef	Ia	Ia-norm	0.0304 (0.0015)	28.5 (1.5)	27.8	sn04fu	(Ia-norm)	0.0317	(0.0023)	25.15	(7.73)	77
SN 2004ef	Ia	Ia-norm	0.0325 (0.0014)	69.6 (8.7)	20.3	sn95D	(Ia-norm)	0.0325	(0.0028)	69.60	(13.74)	29

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2004ef	Ia	Ia-norm	0.0327 (0.0022)	113.8 (-1.0)	23.8	sn94D	(Ia-norm)	0.0326	(0.0025)	87.19	(15.29)	13
SN 2004fa	Ia	...	0.0218 (0.0043)	...	14.1	sn91bg	(Ia-91bg)	0.0196	(0.0038)	54.50	(27.83)	124
SN 2004eo	Ia	Ia-norm	0.0165 (0.0046)	-1.7 (1.3)	19.2	sn07bm	(Ia-norm)	0.0159	(0.0028)	-7.30	(2.98)	38
SN 2004eo	Ia	Ia-norm	0.0170 (0.0026)	16.4 (3.0)	18.4	sn06ev	(Ia-norm)	0.0174	(0.0033)	16.85	(3.04)	26
SN 2004eo	Ia	Ia-norm	0.0169 (0.0018)	41.5 (2.4)	20.4	sn08ec	(Ia-norm)	0.0160	(0.0027)	42.99	(7.07)	52
SN 2004ev	Ia	Ia-norm	0.0292 (0.0026)	16.7 (3.8)	19.7	sn06ev	(Ia-norm)	0.0296	(0.0031)	16.85	(4.55)	46
SN 2004ey	Ia	Ia-norm	0.0143 (0.0052)	-6.4 (1.6)	15.6	sn02er	(Ia-norm)	0.0143	(0.0042)	-4.40	(1.51)	9
SN 2004ey	Ia	Ia-norm	0.0172 (0.0024)	15.5 (2.3)	19.9	sn90N	(Ia-norm)	0.0178	(0.0026)	17.70	(4.70)	32
SN 2004ey	Ia	Ia-norm	0.0160 (0.0014)	53.9 (5.3)	23.6	sn94D	(Ia-norm)	0.0156	(0.0021)	49.96	(10.45)	39
SN 2004fd	Ia	Ia-norm	0.0162 (0.0027)	17.4 (3.6)	16.7	sn89B	(Ia-norm)	0.0156	(0.0030)	17.40	(5.99)	38
SN 2004fd	Ia	Ia-norm	0.0166 (0.0007)	50.0 (8.1)	12.3	sn94D	(Ia-norm)	0.0168	(0.0042)	43.96	(8.65)	11
SN 2004fg	Ia	...	0.0314 (0.0055)	...	28.3	sn08ds	(Ia-99aa)	0.0287	(0.0019)	2.91	(4.91)	206
SN 2004fu	Ia	Ia-norm	0.0038 (0.0045)	-5.6 (2.9)	20.4	sn02er	(Ia-norm)	0.0084	(0.0030)	-6.40	(2.34)	11
SN 2004fu	Ia	Ia-norm	0.0073 (0.0050)	2.7 (2.4)	17.1	sn02he	(Ia-norm)	0.0091	(0.0028)	0.29	(4.02)	16
SN 2004fu	Ia	Ia-norm	0.0079 (0.0010)	31.2 (2.7)	20.7	sn04ef	(Ia-norm)	0.0087	(0.0034)	31.23	(6.17)	23
SN 2004fw	...	...	...	...	...	...	...	...	...	...	...	...
SN 2004fy	Ia	Ia-norm	0.0207 (0.0032)	10.2 (-1.0)	34.0	sn05kc	(Ia-norm)	0.0199	(0.0016)	10.22	(3.82)	46
SN 2004fy	Ia	Ia-norm	0.0187 (0.0012)	36.1 (5.7)	20.9	sn06dm	(Ia-norm)	0.0178	(0.0027)	36.06	(8.17)	80
SN 2004fz	Ia	Ia-norm	0.0195 (0.0044)	-0.2 (1.7)	21.6	sn95E	(Ia-norm)	0.0188	(0.0024)	-1.70	(2.60)	35
SN 2004fz	Ia	Ia-norm	0.0164 (0.0018)	...	17.2	sn07bm	(Ia-norm)	0.0168	(0.0033)	20.45	(10.03)	60
SN 2004fz	Ia	Ia-norm	0.0177 (0.0016)	...	21.2	sn02eu	(Ia-norm)	0.0176	(0.0027)	33.44	(6.89)	65
SN 2004go	Ia	Ia-norm	0.0315 (0.0014)	27.5 (3.8)	12.8	sn98ef	(Ia-norm)	0.0321	(0.0050)	28.51	(4.40)	11
SN 2004gc	Ia	Ia-norm	0.0337 (0.0022)	31.4 (-1.0)	11.0	sn01ep	(Ia-norm)	0.0337	(0.0058)	28.46	(2.08)	2
SN 2004gl	Ia	Ia-norm	0.0425 (0.0029)	72.5 (-1.0)	13.1	sn02fk	(Ia-norm)	0.0431	(0.0040)	72.46	(6.53)	3
SN 2004gs	Ia	Ia-norm	0.0280 (0.0055)	4.5 (3.2)	30.4	sn05am	(Ia-norm)	0.0280	(0.0018)	4.47	(3.23)	46
SN 2004gu	Ia	Ia-norm	0.0428 (0.0061)	-6.4 (2.8)	15.4	sn90N	(Ia-norm)	0.0466	(0.0046)	-6.40	(2.77)	4
SN 2004gw	Ia	Ia-02cx	0.0146 (0.0005)	...	11.8	sn02cx	(Ia-02cx)	0.0157	(0.0032)	18.20	(0.00)	1
SN 2004gw	Ia	Ia-02cx	0.0150 (0.0003)	42.0 (3.5)	16.5	sn05hk	(Ia-02cx)	0.0151	(0.0023)	42.00	(3.54)	2
SN 2004gz	Ia	Ia-norm	0.0155 (0.0010)	38.2 (4.4)	18.1	sn05de	(Ia-norm)	0.0148	(0.0031)	40.49	(7.84)	74
SN 2005A	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005F	Ia	Ia-norm	0.0297 (0.0031)	14.9 (-1.0)	16.6	sn00cn	(Ia-norm)	0.0297	(0.0037)	14.95	(6.75)	14
SN 2005G	Ia	Ia-norm	0.0249 (0.0030)	12.3 (2.4)	31.8	sn02jy	(Ia-norm)	0.0249	(0.0018)	12.30	(2.45)	18
SN 2005M	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005M	Ia	Ia-91bg	0.0255 (0.0022)	3.1 (-1.0)	5.1	sn91bg	(Ia-91bg)	0.0237	(0.0094)	1.50	(1.13)	2
SN 2005M	Ia	Ia-norm	0.0278 (0.0055)	...	10.3	sn03ai	(Ia-norm)	0.0230	(0.0054)	7.73	(0.00)	1
SN 2005M	Ia	Ia-norm	0.0258 (0.0017)	41.3 (7.2)	19.3	sn02cr	(Ia-norm)	0.0232	(0.0030)	33.69	(6.71)	10
SN 2005M	Ia	Ia-norm	0.0266 (0.0018)	33.7 (-1.0)	14.5	sn02cr	(Ia-norm)	0.0237	(0.0037)	33.69	(1.62)	2
SN 2005as	Ia	Ia-norm	0.0161 (0.0013)	...	8.4	sn06dw	(Ia-norm)	0.0153	(0.0067)	28.28	(6.48)	22
SN 2005P	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005P	II	IIP	0.0115 (0.0009)	236.8 (6.9)	5.1	sn04et	(IIP)	0.0109	(0.0071)	229.70	(0.00)	3
SN 2005X	Ia	Ia-norm	0.0761 (0.0014)	15.3 (2.5)	12.2	sn90N	(Ia-norm)	0.0761	(0.0049)	17.70	(2.25)	5
SN 2005W	Ia	Ia-norm	0.0102 (0.0027)	4.5 (-1.0)	18.9	sn05am	(Ia-norm)	0.0094	(0.0028)	4.47	(3.03)	19
SN 2005W	Ia	Ia-norm	0.0091 (0.0011)	...	16.8	sn02eu	(Ia-norm)	0.0087	(0.0033)	33.44	(7.68)	75
SN 2005W	Ia	Ia-norm	0.0102 (0.0011)	29.0 (4.3)	18.4	sn04ef	(Ia-norm)	0.0108	(0.0032)	31.23	(5.30)	36
SN 2005ag	Ia	Ia-norm	0.0767 (0.0032)	...	14.4	sn95D	(Ia-norm)	0.0745	(0.0038)	4.20	(3.82)	38
SN 2005am	Ia	Ia-norm	0.0074 (0.0048)	0.4 (-1.0)	22.6	sn04gs	(Ia-norm)	0.0066	(0.0024)	0.44	(3.03)	33
SN 2005am	Ia	Ia-norm	0.0090 (0.0073)	5.5 (1.9)	13.9	sn98dx	(Ia-norm)	0.0083	(0.0037)	5.50	(2.06)	9
SN 2005am	Ia	Ia-norm	0.0072 (0.0009)	36.1 (5.3)	17.2	sn94ae	(Ia-norm)	0.0060	(0.0031)	36.20	(7.82)	77
SN 2005am	Ia	...	0.0078 (0.0039)	...	19.3	sn00cx	(Ia-pec)	0.0094	(0.0029)	30.06	(17.33)	297
SN 2005ao	Ia	...	0.0382 (0.0051)	...	26.9	sn08ds	(Ia-99aa)	0.0349	(0.0020)	2.91	(4.56)	181
SN 2005ao	Ia	...	0.0382 (0.0053)	...	17.7	sn08ds	(Ia-99aa)	0.0361	(0.0032)	-0.08	(4.54)	186
SN 2005bc	Ia	Ia-norm	0.0139 (0.0047)	1.4 (2.7)	20.8	sn07fr	(Ia-norm)	0.0122	(0.0026)	-1.15	(3.15)	43
SN 2005bc	Ia	Ia-norm	0.0144 (0.0047)	7.9 (1.0)	23.7	sn02ha	(Ia-norm)	0.0132	(0.0023)	7.89	(2.07)	25
SN 2005be	Ia	Ia-norm	0.0335 (0.0031)	12.2 (3.2)	34.2	sn05kc	(Ia-norm)	0.0334	(0.0016)	12.19	(3.23)	46
SN 2005be	Ia	Ia-norm	0.0319 (0.0018)	18.7 (1.6)	27.2	sn06kf	(Ia-norm)	0.0330	(0.0023)	18.67	(8.23)	47
SN 2005bl	Ia	Ia-norm	0.0271 (0.0071)	4.5 (4.0)	7.8	sn02kf	(Ia-norm)	0.0242	(0.0064)	7.14	(3.95)	18
SN 2005bl	Ia	Ia-91bg	0.0250 (0.0034)	20.5 (3.2)	18.6	sn03Y	(Ia-91bg)	0.0250	(0.0033)	20.55	(6.60)	13
SN 2005bo	Ia	Ia-norm	0.0151 (0.0012)	28.8 (3.0)	19.4	sn02eu	(Ia-norm)	0.0147	(0.0029)	33.44	(6.36)	37
SN 2005bu	Ia	Ia-norm	0.0305 (0.0016)	31.2 (-1.0)	30.6	sn04ef	(Ia-norm)	0.0315	(0.0021)	31.23	(6.02)	46
SN 2005cf	Ia	Ia-norm	-0.0014 (0.0063)	...	9.7	sn92A	(Ia-norm)	0.0072	(0.0064)	-5.00	(3.36)	13
SN 2005cf	Ia	Ia-norm	0.0068 (0.0055)	-1.8 (3.0)	9.7	sn04eo	(Ia-norm)	0.0047	(0.0056)	-5.57	(3.27)	40
SN 2005cf	Ia	Ia-99aa	0.0063 (0.0000)	...	10.1	sn01eh	(Ia-99aa)	0.0063	(0.0054)	-4.53	(0.00)	1
SN 2005cf	Ia	Ia-norm	0.0075 (0.0022)	14.4 (2.0)	16.2	sn07bm	(Ia-norm)	0.0060	(0.0035)	15.52	(5.08)	22
SN 2005cf	Ia	Ia-norm	0.0071 (0.0011)	32.4 (6.1)	17.9	sn95D	(Ia-norm)	0.0054	(0.0028)	37.80	(7.50)	81
SN 2005cf	Ia	Ia-norm	0.0085 (0.0018)	213.4 (30.3)	9.6	sn98bu	(Ia-norm)	0.0084	(0.0055)	242.80	(85.10)	12

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2005cf
SN 2005de	Ia	Ia-norm	0.0165 (0.0044)	1.2 (1.9)	18.4	sn07af	(Ia-norm)	0.0146	(0.0029)	-1.21	(3.08)	39
SN 2005de	Ia	Ia-norm	0.0162 (0.0034)	9.5 (1.1)	25.2	sn05kc	(Ia-norm)	0.0158	(0.0022)	10.22	(3.19)	37
SN 2005de	Ia	Ia-norm	0.0153 (0.0016)	...	18.7	sn95D	(Ia-norm)	0.0136	(0.0027)	37.80	(8.10)	80
SN 2005de	Ia	...	0.0142 (0.0052)	...	6.9	sn99aa	(Ia-99aa)	0.0312	(0.0067)	21.10	(24.86)	106
SN 2005do	Ia	Ia-norm	0.0324 (0.0015)	40.1 (2.3)	32.1	sn94ae	(Ia-norm)	0.0312	(0.0016)	40.10	(8.84)	96
SN 2005dh	Ia	Ia-91bg	0.0160 (0.0020)	1.5 (2.0)	17.1	sn99by	(Ia-91bg)	0.0163	(0.0029)	-2.80	(2.36)	8
SN 2005dh	Ia	Ia-91bg	0.0162 (0.0015)	...	11.8	sn05ke	(Ia-91bg)	0.0155	(0.0050)	9.87	(4.90)	6
SN 2005di	Ia	Ia-norm	0.0284 (0.0043)	1.1 (1.9)	8.6	sn94D	(Ia-norm)	0.0268	(0.0052)	-1.80	(3.21)	36
SN 2005dm	Ia	Ia-91bg	0.0156 (0.0035)	4.3 (1.7)	9.1	sn91bg	(Ia-91bg)	0.0161	(0.0067)	19.31	(10.39)	14
SN 2005dv	Ia	Ia-norm	0.0061 (0.0048)	-0.1 (1.3)	19.1	sn03cq	(Ia-norm)	0.0092	(0.0031)	-0.05	(4.06)	15
SN 2005ec	NotSN	Gal	0.0277 (0.0005)	-99.9 (0.0)	9.1	kcE	(Gal)	0.0282	(0.0032)	-99.90	(0.00)	4
SN 2005ej	Ia	Ia-norm	0.0427 (0.0048)	6.4 (-1.0)	21.9	sn07A	(Ia-norm)	0.0398	(0.0024)	2.37	(4.03)	28
SN 2005ej	Ia	Ia-norm	0.0391 (0.0027)	14.3 (1.3)	33.1	sn98bu	(Ia-norm)	0.0382	(0.0018)	14.30	(7.67)	52
SN 2005ej	Ia	Ia-norm	0.0398 (0.0026)	18.9 (-1.0)	40.1	sn04ey	(Ia-norm)	0.0391	(0.0014)	18.90	(16.58)	58
SN 2005el	Ia	Ia-norm	0.0134 (0.0037)	-4.3 (2.0)	14.9	sn94D	(Ia-norm)	0.0131	(0.0034)	-3.51	(2.21)	16
SN 2005el	Ia	Ia-norm	0.0167 (0.0043)	1.1 (-1.0)	25.6	sn94D	(Ia-norm)	0.0161	(0.0020)	-1.80	(2.99)	45
SN 2005el	Ia	Ia-norm	0.0164 (0.0042)	7.9 (2.5)	32.0	sn02ha	(Ia-norm)	0.0145	(0.0016)	7.89	(2.54)	30
SN 2005gj	Ia	...	0.0643 (0.0040)	...	11.7	sn02ic	(Ia-csm)	0.0621	(0.0046)	44.10	(11.80)	184
SN 2005gj	Ia	Ia-91T	0.0629 (0.0017)	49.1 (2.2)	11.5	sn97br	(Ia-91T)	0.0600	(0.0055)	50.50	(1.98)	3
SN 2005gj	II	IIP	0.0598 (0.0003)	...	10.6	sn04et	(IIP)	0.0596	(0.0033)	146.90	(0.00)	1
SN 2005gj	II	IIn	0.0601 (0.0005)	323.8 (-1.0)	11.6	sn96L	(IIn)	0.0595	(0.0021)	322.80	(0.00)	2
SN 2005gj	II	IIn	0.0592 (0.0009)	323.8 (-1.0)	10.8	sn96L	(IIn)	0.0592	(0.0022)	322.80	(0.00)	2
SN 2005er	Ia	Ia-91bg	0.0233 (0.0029)	1.4 (-1.0)	14.1	sn91bg	(Ia-91bg)	0.0267	(0.0040)	1.38	(1.44)	2
SN 2005er	Ia	Ia-91bg	0.0251 (0.0000)	...	10.3	sn91bg	(Ia-91bg)	0.0251	(0.0064)	1.50	(0.00)	1
SN 2005er	Ia	Ia-91bg	0.0243 (0.0027)	...	8.5	sn91bg	(Ia-91bg)	0.0238	(0.0066)	16.40	(8.73)	14
SN 2005eq	Ia	Ia-99aa	0.0303 (0.0069)	-4.5 (-1.0)	17.7	sn01eh	(Ia-99aa)	0.0298	(0.0031)	-4.53	(0.97)	4
SN 2005eq	Ia	Ia-99aa	0.0296 (0.0056)	-4.5 (-1.0)	25.8	sn01eh	(Ia-99aa)	0.0303	(0.0022)	-4.53	(2.93)	7
SN 2005eq	Ia	Ia-99aa	0.0323 (0.0039)	1.1 (1.6)	12.4	sn98es	(Ia-99aa)	0.0291	(0.0040)	0.64	(1.43)	4
SN 2005eq	Ia	Ia-norm	0.0307 (0.0013)	41.5 (2.3)	23.0	sn98bu	(Ia-norm)	0.0310	(0.0024)	43.10	(11.48)	68
SN 2005ew	Ia	Ia-99aa	0.0025 (0.0083)	...	12.1	sn99aa	(Ia-99aa)	0.0025	(0.0053)	14.13	(0.00)	1
SN 2005ew	Ia	...	0.0109 (0.0049)	...	9.6	sn02bo	(Ia-norm)	0.0103	(0.0055)	49.60	(19.96)	106
SN 2005eu	Ia	Ia-norm	0.0393 (0.0055)	-6.4 (1.6)	7.9	sn90N	(Ia-norm)	0.0345	(0.0064)	-6.40	(1.61)	10
SN 2005eu	Ia	Ia-norm	0.0349 (0.0055)	...	9.6	sn00dg	(Ia-norm)	0.0327	(0.0055)	-5.00	(4.18)	68
SN 2005eu	Ia	...	0.0354 (0.0048)	...	9.6	sn08ds	(Ia-99aa)	0.0320	(0.0059)	-0.08	(3.88)	104
SN 2005eu	Ia	Ia-norm	0.0346 (0.0014)	...	12.1	sn06dw	(Ia-norm)	0.0346	(0.0048)	28.28	(5.55)	9
SN 2005hc	Ia	...	0.0451 (0.0034)	...	18.2	sn91T	(Ia-91T)	0.0452	(0.0038)	15.90	(27.63)	103
SN 2005hj	Ia	Ia-norm	0.0556 (0.0018)	9.3 (1.0)	21.5	sn94ae	(Ia-norm)	0.0573	(0.0021)	9.30	(0.98)	5
SN 2005hk	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005hk	Ia	Ia-02cx	0.0135 (0.0011)	-2.4 (-1.0)	8.8	sn02cx	(Ia-02cx)	0.0127	(0.0045)	-2.40	(2.05)	2
SN 2005hk	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005hk	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005hk	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005hk	Ia	Ia-02cx	0.0129 (0.0007)	23.0 (4.0)	20.8	sn02cx	(Ia-02cx)	0.0125	(0.0018)	24.97	(2.89)	5
SN 2005hk	Ia	Ia-02cx	0.0131 (0.0006)	25.0 (-1.0)	25.7	sn02cx	(Ia-02cx)	0.0127	(0.0014)	24.97	(2.89)	5
SN 2005hk	Ia	Ia-02cx	0.0127 (0.0002)	55.3 (-1.0)	16.2	sn02cx	(Ia-02cx)	0.0125	(0.0020)	55.26	(1.38)	2
SN 2005hk	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005hk	II	IIP	0.1282 (0.0017)	411.5 (37.1)	5.5	sn04et	(IIP)	0.0129	(0.0040)	411.50	(0.00)	4
SN 2005hk	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005hk	...	...	...	...	...	...	...	...	...	...	...	...
SN 2005iq	Ia	Ia-norm	0.0331 (0.0039)	-2.1 (2.6)	23.2	sn03U	(Ia-norm)	0.0320	(0.0022)	-2.14	(3.02)	45
SN 2005kc	Ia	Ia-norm	0.0168 (0.0035)	10.1 (1.2)	18.4	sn00cu	(Ia-norm)	0.0152	(0.0030)	8.95	(2.04)	19
SN 2005kc	Ia	Ia-norm	0.0162 (0.0031)	11.2 (-1.0)	25.2	sn05be	(Ia-norm)	0.0167	(0.0021)	10.96	(4.67)	45
SN 2005ke	Ia	...	0.0025 (0.0052)	...	8.5	sn91bg	(Ia-91bg)	0.0042	(0.0061)	18.60	(12.26)	121
SN 2005ke	Ia	Ia-91bg	0.0070 (0.0011)	...	13.7	sn08bt	(Ia-91bg)	0.0064	(0.0043)	10.97	(4.06)	3
SN 2005ke	Ia	Ia-91bg	0.0085 (0.0042)	...	10.9	sn91bg	(Ia-91bg)	0.0056	(0.0047)	18.60	(0.00)	1
SN 2005ke	Ia	Ia-91bg	0.0063 (0.0017)	46.5 (-1.0)	14.7	sn91bg	(Ia-91bg)	0.0065	(0.0033)	34.40	(6.19)	4
SN 2005ke	Ia	Ia-91bg	0.0079 (0.0014)	54.5 (-1.0)	13.0	sn91bg	(Ia-91bg)	0.0068	(0.0039)	54.50	(2.83)	2
SN 2005ke	Ic	Ic-broad	0.0072 (0.0016)	...	5.3	sn02ap	(Ic-broad)	0.0059	(0.0112)	30.50	(0.00)	1
SN 2005ki	Ia	Ia-norm	0.0208 (0.0045)	-1.6 (3.5)	18.6	sn07A	(Ia-norm)	0.0186	(0.0027)	2.37	(3.74)	34
SN 2005ki	Ia	Ia-norm	0.0207 (0.0043)	7.9 (-1.0)	28.7	sn02ha	(Ia-norm)	0.0192	(0.0019)	7.89	(2.80)	39
SN 2005ki	Ia	Ia-norm	0.0184 (0.0009)	36.2 (3.7)	22.6	sn95D	(Ia-norm)	0.0180	(0.0024)	42.80	(11.33)	49
SN 2005ls	Ia	Ia-norm	0.0199 (0.0014)	...	12.3	sn06kf	(Ia-norm)	0.0208	(0.0053)	18.67	(10.62)	10
SN 2005ls	Ia	...	0.0253 (0.0042)	...	7.2	sn02cs	(Ia-norm)	0.0282	(0.0086)	84.32	(19.32)	66
SN 2005ls	Ia	Ia-norm	0.0246 (0.0024)	...	10.8	sn94D	(Ia-norm)	0.0229	(0.0061)	50.00	(0.00)	1

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2005lt	Ia	Ia-norm	0.0235 (0.0018)	41.3 (6.4)	17.7	sn02cr	(Ia-norm)	0.0216	(0.0032)	33.69	(4.68)	4
SN 2005lu	Ia	Ia-norm	0.0324 (0.0010)	26.5 (3.4)	11.9	sn05de	(Ia-norm)	0.0326	(0.0054)	25.75	(3.13)	10
SN 2005mc	Ia	Ia-norm	0.0274 (0.0028)	7.5 (1.3)	16.3	sn01ep	(Ia-norm)	0.0249	(0.0035)	7.85	(1.82)	18
SN 2005mc	Ia	Ia-norm	0.0262 (0.0011)	28.7 (3.5)	11.7	sn04fu	(Ia-norm)	0.0267	(0.0054)	25.15	(8.92)	8
SN 2005lz	Ia	Ia-norm	0.0436 (0.0039)	-1.0 (2.4)	27.7	sn98bu	(Ia-norm)	0.0435	(0.0017)	-2.80	(3.33)	48
SN 2005ms	Ia	Ia-norm	0.0245 (0.0049)	-1.7 (3.0)	19.1	sn02er	(Ia-norm)	0.0260	(0.0032)	-3.50	(2.93)	32
SN 2005ms	Ia	Ia-norm	0.0259 (0.0030)	13.2 (1.2)	29.6	sn98bu	(Ia-norm)	0.0267	(0.0020)	13.20	(3.84)	47
SN 2005na	Ia	...	0.0294 (0.0048)	...	20.8	sn07A	(Ia-norm)	0.0267	(0.0025)	2.37	(4.51)	191
SN 2005na	Ia	Ia-norm	0.0283 (0.0043)	2.4 (3.1)	18.7	sn07A	(Ia-norm)	0.0273	(0.0028)	2.37	(3.10)	17
SN 2005na	Ia	Ia-norm	0.0262 (0.0024)	...	31.1	sn04ey	(Ia-norm)	0.0255	(0.0018)	18.90	(4.23)	54
SN 2005na	Ia	Ia-norm	0.0246 (0.0018)	...	20.1	sn04fz	(Ia-norm)	0.0259	(0.0028)	17.56	(8.52)	78
SN 2005na	Ia	Ia-norm	0.0278 (0.0010)	28.5 (3.1)	14.2	sn06lf	(Ia-norm)	0.0279	(0.0044)	25.06	(3.99)	20
SN 2006D	Ia	...	0.0095 (0.0051)	...	15.8	sn06cs	(Ia-91bg)	0.0068	(0.0030)	2.41	(5.13)	192
SN 2006D	Ia	Ia-norm	0.0060 (0.0027)	14.6 (3.9)	12.3	sn04ey	(Ia-norm)	0.0070	(0.0044)	18.90	(4.21)	13
SN 2006D	Ia	Ia-norm	0.0103 (0.0018)	...	7.4	sn02cr	(Ia-norm)	0.0091	(0.0074)	33.69	(6.52)	34
SN 2006D	Ia	Ia-norm	0.0054 (0.0012)	...	12.2	sn94D	(Ia-norm)	0.0080	(0.0039)	48.00	(0.00)	1
SN 2006D	Ia	Ia-norm	0.0067 (0.0013)	...	12.6	sn07fb	(Ia-norm)	0.0090	(0.0045)	100.91	(28.43)	4
SN 2006E	Ia	Ia-norm	0.0023 (0.0010)	123.6 (-1.0)	18.5	sn94ae	(Ia-norm)	0.0024	(0.0028)	123.60	(12.13)	9
SN 2006E	Ia	Ia-norm	0.0034 (0.0011)	...	18.8	sn94ae	(Ia-norm)	0.0030	(0.0030)	153.40	(51.39)	14
SN 2006E	...	...	...	...	...	...	...	...	...	...	...	...
SN 2006H	...	...	...	...	...	...	...	...	...	...	...	...
SN 2006N	Ia	Ia-norm	0.0135 (0.0043)	-2.1 (3.4)	19.4	sn06kf	(Ia-norm)	0.0134	(0.0026)	-1.75	(3.06)	31
SN 2006N	Ia	Ia-norm	0.0131 (0.0043)	0.3 (3.7)	22.1	sn94D	(Ia-norm)	0.0126	(0.0023)	-1.80	(3.08)	28
SN 2006N	Ia	Ia-norm	0.0138 (0.0026)	11.0 (2.8)	28.3	sn05be	(Ia-norm)	0.0147	(0.0020)	10.96	(2.80)	34
SN 2006N	Ia	Ia-norm	0.0141 (0.0012)	...	19.9	sn02eu	(Ia-norm)	0.0137	(0.0029)	33.44	(7.54)	56
SN 2006S	Ia	...	0.0297 (0.0065)	...	20.6	sn01eh	(Ia-99aa)	0.0309	(0.0027)	-4.53	(4.86)	165
SN 2006S	Ia	...	0.0321 (0.0054)	...	19.2	sn05eq	(Ia-99aa)	0.0303	(0.0028)	0.66	(4.85)	193
SN 2006S	Ia	Ia-norm	0.0321 (0.0022)	17.7 (2.1)	23.5	sn04ey	(Ia-norm)	0.0301	(0.0024)	18.90	(3.87)	40
SN 2006X	Ia	Ia-norm	-0.0069 (0.0048)	-3.4 (1.5)	10.7	sn02bo	(Ia-norm)	0.0043	(0.0060)	-3.40	(1.34)	3
SN 2006X	Ia	Ia-norm	0.0025 (0.0015)	...	10.3	sn02bo	(Ia-norm)	0.0037	(0.0059)	29.40	(0.00)	1
SN 2006X	Ia	Ia-norm	0.0065 (0.0004)	79.4 (-1.0)	13.9	sn02bo	(Ia-norm)	0.0068	(0.0040)	72.50	(4.88)	2
SN 2006X	Ia	Ia-norm	0.0076 (0.0005)	...	10.7	sn02bo	(Ia-norm)	0.0071	(0.0057)	83.30	(0.00)	1
SN 2006X	Ia	Ia-norm	0.0072 (0.0013)	83.3 (-1.0)	11.0	sn02bo	(Ia-norm)	0.0067	(0.0055)	83.30	(8.11)	2
SN 2006X	Ia	Ia-norm	0.0086 (0.0040)	85.5 (-1.0)	8.0	sn98ef	(Ia-norm)	0.0070	(0.0068)	85.52	(19.31)	5
SN 2006X	...	...	...	...	...	...	...	...	...	...	...	...
SN 2006X	...	...	...	...	...	...	...	...	...	...	...	...
SN 2006X	Ia	Ia-norm	0.1485 (0.0020)	17.7 (-1.0)	5.3	sn90N	(Ia-norm)	0.0036	(0.0117)	17.70	(3.89)	2
SN 2006ac	Ia	Ia-norm	0.0192 (0.0039)	8.7 (3.4)	23.4	sn06os	(Ia-norm)	0.0209	(0.0025)	8.68	(3.44)	16
SN 2006ac	Ia	Ia-norm	0.0220 (0.0012)	...	16.6	sn01en	(Ia-norm)	0.0222	(0.0038)	35.64	(7.30)	52
SN 2006ak	Ia	Ia-norm	0.0348 (0.0052)	5.5 (-1.0)	20.3	sn02er	(Ia-norm)	0.0349	(0.0029)	5.50	(3.33)	17
SN 2006ay	Ia	Ia-norm	0.0896 (0.0010)	51.1 (4.5)	13.2	sn04ey	(Ia-norm)	0.0903	(0.0036)	51.49	(5.46)	10
SN 2006ax	Ia	Ia-norm	0.0126 (0.0058)	-2.5 (1.3)	14.2	sn04fu	(Ia-norm)	0.0178	(0.0044)	-2.77	(2.27)	6
SN 2006ax	Ia	Ia-norm	0.0173 (0.0019)	...	17.7	sn02fk	(Ia-norm)	0.0160	(0.0032)	41.50	(13.28)	67
SN 2006ax	Ia	Ia-norm	0.0187 (0.0012)	37.8 (6.5)	23.2	sn95D	(Ia-norm)	0.0172	(0.0022)	37.80	(6.52)	44
SN 2006az	Ia	Ia-norm	0.0326 (0.0017)	27.5 (3.1)	31.1	sn06lf	(Ia-norm)	0.0326	(0.0021)	25.06	(6.29)	53
SN 2006bq	Ia	Ia-norm	0.0166 (0.0045)	-0.6 (0.7)	20.5	sn92A	(Ia-norm)	0.0213	(0.0028)	6.30	(4.04)	12
SN 2006bq	Ia	Ia-norm	0.0186 (0.0031)	12.8 (2.6)	16.0	sn04ef	(Ia-norm)	0.0207	(0.0039)	8.05	(2.31)	13
SN 2006bq	Ia	Ia-norm	0.0185 (0.0028)	12.8 (1.6)	15.1	sn01en	(Ia-norm)	0.0203	(0.0042)	10.09	(2.73)	15
SN 2006bq	Ia	Ia-norm	0.0243 (0.0010)	...	10.2	sn06dw	(Ia-norm)	0.0235	(0.0062)	28.28	(0.00)	1
SN 2006br	Ia	Ia-norm	0.0190 (0.0052)	-1.7 (1.3)	6.8	sn02bo	(Ia-norm)	0.0264	(0.0091)	-3.40	(2.11)	9
SN 2006br	Ia	Ia-norm	0.0204 (0.0017)	8.7 (-1.0)	11.4	sn06ac	(Ia-norm)	0.0241	(0.0053)	8.54	(0.10)	2
SN 2006bt	Ia	Ia-norm	0.0292 (0.0044)	...	17.0	sn08hs	(Ia-norm)	0.0301	(0.0031)	-7.94	(3.23)	24
SN 2006bt	Ia	Ia-norm	0.0299 (0.0043)	-0.9 (2.7)	16.6	sn08hs	(Ia-norm)	0.0308	(0.0032)	-7.94	(3.01)	40
SN 2006bt	Ia	Ia-norm	0.0319 (0.0044)	...	19.5	sn07fr	(Ia-norm)	0.0307	(0.0029)	-1.15	(3.49)	45
SN 2006bt	Ia	Ia-norm	0.0337 (0.0024)	28.8 (3.4)	16.4	sn01ep	(Ia-norm)	0.0320	(0.0037)	28.46	(7.31)	33
SN 2006bt	Ia	Ia-91bg	0.0326 (0.0025)	34.4 (-1.0)	10.7	sn91bg	(Ia-91bg)	0.0346	(0.0046)	34.40	(0.50)	2
SN 2006bu	Ia	Ia-norm	0.0812 (0.0041)	4.3 (2.9)	19.1	sn89B	(Ia-norm)	0.0798	(0.0028)	3.50	(4.23)	83
SN 2006bw	Ia	Ia-norm	0.0311 (0.0033)	6.1 (1.8)	20.8	sn01ep	(Ia-norm)	0.0296	(0.0028)	5.97	(1.90)	18
SN 2006bw	Ia	Ia-norm	0.0298 (0.0015)	...	25.0	sn02er	(Ia-norm)	0.0322	(0.0025)	23.44	(8.29)	95
SN 2006bz	Ia	Ia-91bg	0.0246 (0.0017)	0.4 (3.1)	13.4	sn91bg	(Ia-91bg)	0.0263	(0.0043)	0.38	(2.64)	5
SN 2006cc	Ia	Ia-norm	0.0322 (0.0023)	16.1 (4.0)	34.0	sn95D	(Ia-norm)	0.0310	(0.0016)	16.10	(3.96)	40
SN 2006ch	Ia	Ia-norm	0.0178 (0.0011)	40.1 (3.6)	16.9	sn94D	(Ia-norm)	0.0173	(0.0033)	43.96	(7.73)	53
SN 2006ch	Ia	Ia-norm	0.0176 (0.0016)	69.6 (11.2)	13.6	sn94D	(Ia-norm)	0.0171	(0.0036)	74.23	(11.54)	10
SN 2006ce	Ia	Ia-norm	0.0040 (0.0009)	...	14.9	sn94ae	(Ia-norm)	0.0040	(0.0034)	123.60	(18.40)	4
SN 2006ce	Ia	Ia-norm	0.0049 (0.0010)	...	15.4	sn02fk	(Ia-norm)	0.0058	(0.0035)	148.74	(48.52)	12

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2006ce	Ia	Ia-norm	0.0056 (0.0011)	...	15.5	sn90N	(Ia-norm)	0.0051	(0.0037)	213.40	(42.16)	11
SN 2006cf	Ia	Ia-norm	0.0448 (0.0047)	4.2 (1.6)	20.4	sn95D	(Ia-norm)	0.0437	(0.0026)	4.20	(3.16)	46
SN 2006cf	Ia	Ia-norm	0.0441 (0.0041)	7.7 (2.8)	29.8	sn03ai	(Ia-norm)	0.0417	(0.0018)	7.73	(2.82)	49
SN 2006cf	Ia	Ia-norm	0.0446 (0.0027)	18.9 (-1.0)	27.2	sn04ey	(Ia-norm)	0.0432	(0.0020)	18.90	(14.61)	42
SN 2006cj	Ia	Ia-norm	0.0669 (0.0039)	4.2 (1.7)	15.9	sn07A	(Ia-norm)	0.0663	(0.0035)	2.37	(3.18)	16
SN 2006cm	Ia	...	0.0159 (0.0047)	...	11.3	sn07A	(Ia-norm)	0.0135	(0.0046)	2.37	(4.02)	93
SN 2006cm	Ia	Ia-norm	0.0152 (0.0046)	9.3 (0.8)	16.4	sn94ae	(Ia-norm)	0.0155	(0.0030)	9.30	(0.78)	2
SN 2006cm	Ia	Ia-norm	0.0151 (0.0000)	...	10.1	sn94D	(Ia-norm)	0.0151	(0.0054)	17.40	(0.00)	1
SN 2006cm	II	II-pec	0.0178 (0.0018)	-999.0 (0.0)	10.8	sn06gy	(II-pec)	0.0185	(0.0025)	-999.00	(0.00)	4
SN 2006ct	...	...	...	...	...	...	...	...	...	...	...	...
SN 2006ct	II	...	0.0287 (0.0040)	...	7.2	sn06gy	(II-pec)	0.0303	(0.0056)	-999.00	(0.00)	45
SN 2006cp	Ia	Ia-norm	0.0118 (0.0051)	-5.0 (1.6)	16.5	sn98ef	(Ia-norm)	0.0224	(0.0038)	-7.93	(2.81)	5
SN 2006cq	Ia	Ia-norm	0.0508 (0.0048)	-1.5 (2.1)	25.9	sn94D	(Ia-norm)	0.0520	(0.0020)	-3.60	(2.87)	55
SN 2006cs	Ia	Ia-91bg	0.0235 (0.0024)	2.5 (-1.0)	22.0	sn02fb	(Ia-91bg)	0.0234	(0.0024)	0.98	(2.03)	9
SN 2006da	Ia	Ia-norm	0.0373 (0.0030)	10.1 (2.6)	12.9	sn06cf	(Ia-norm)	0.0371	(0.0042)	11.12	(2.49)	13
SN 2006da	Ia	Ia-norm	0.0403 (0.0020)	...	15.4	sn94D	(Ia-norm)	0.0395	(0.0038)	15.30	(5.86)	13
SN 2006da	Ia	Ia-norm	0.0397 (0.0018)	...	21.0	sn94D	(Ia-norm)	0.0400	(0.0031)	15.20	(7.84)	81
SN 2006da	Ia	Ia-norm	0.0412 (0.0010)	...	13.4	sn94D	(Ia-norm)	0.0406	(0.0040)	43.96	(9.20)	12
SN 2006cz	Ia	...	0.0388 (0.0063)	...	25.8	sn05eq	(Ia-99aa)	0.0383	(0.0023)	0.66	(5.24)	204
SN 2006cz	Ia	Ia-norm	0.0442 (0.0000)	...	11.5	sn07kk	(Ia-norm)	0.0442	(0.0050)	7.15	(0.00)	1
SN 2006cz	Ia	...	0.0351 (0.0051)	...	12.2	sn02bo	(Ia-norm)	0.0411	(0.0053)	12.80	(24.04)	156
SN 2006cz	Ia	Ia-norm	0.0406 (0.0018)	...	14.9	sn07gk	(Ia-norm)	0.0432	(0.0050)	19.65	(7.96)	25
SN 2006cz	Ia	Ia-91bg	0.0481 (0.0106)	...	5.6	sn05ke	(Ia-91bg)	0.0406	(0.0114)	7.82	(0.00)	1
SN 2006dh	Ia	Ia-norm	0.0578 (0.0042)	-1.7 (3.6)	19.9	sn05ms	(Ia-norm)	0.0581	(0.0031)	-1.51	(2.77)	46
SN 2006di	Ia	Ia-norm	0.0188 (0.0022)	41.5 (3.1)	19.6	sn00dk	(Ia-norm)	0.0180	(0.0028)	36.68	(9.29)	40
SN 2006dm	Ia	Ia-norm	0.0173 (0.0036)	-4.3 (2.5)	13.6	sn02er	(Ia-norm)	0.0209	(0.0040)	-4.25	(2.31)	5
SN 2006dm	Ia	Ia-norm	0.0232 (0.0033)	8.9 (1.2)	21.6	sn01ep	(Ia-norm)	0.0218	(0.0026)	7.85	(3.19)	33
SN 2006dm	Ia	Ia-norm	0.0230 (0.0026)	15.5 (3.4)	21.3	sn04eo	(Ia-norm)	0.0222	(0.0028)	13.19	(10.53)	38
SN 2006dm	Ia	Ia-norm	0.0217 (0.0017)	27.2 (3.9)	23.5	sn05de	(Ia-norm)	0.0217	(0.0026)	25.75	(8.01)	74
SN 2006dm	Ia	Ia-norm	0.0229 (0.0015)	38.2 (3.2)	21.0	sn05de	(Ia-norm)	0.0225	(0.0028)	40.49	(7.96)	83
SN 2006do	...	...	...	...	...	...	...	...	...	...	...	...
SN 2006do	NotSN	Gal	0.0273 (0.0002)	-99.9 (0.0)	18.3	kcS0	(Gal)	0.0275	(0.0018)	-99.90	(0.00)	2
SN 2006do	Ia	Ia-norm	0.0261 (0.0020)	...	12.8	sn04ef	(Ia-norm)	0.0261	(0.0049)	31.23	(6.01)	3
SN 2006do	NotSN	Gal	0.0288 (0.0004)	-99.9 (0.0)	8.3	kcS0	(Gal)	0.0293	(0.0035)	-99.90	(0.00)	3
SN 2006dv	Ia	Ia-norm	0.0342 (0.0045)	2.2 (2.6)	25.8	sn94D	(Ia-norm)	0.0313	(0.0020)	2.90	(3.60)	68
SN 2006dv	Ia	Ia-norm	0.0342 (0.0045)	4.9 (3.3)	38.0	sn02ha	(Ia-norm)	0.0320	(0.0014)	4.93	(3.30)	66
SN 2006dv	Ia	Ia-norm	0.0326 (0.0031)	11.0 (1.4)	22.9	sn06dm	(Ia-norm)	0.0314	(0.0025)	8.73	(3.16)	52
SN 2006dv	Ia	Ia-norm	0.0316 (0.0018)	28.4 (2.2)	28.1	sn06N	(Ia-norm)	0.0319	(0.0023)	27.49	(7.44)	62
SN 2006dv	Ia	Ia-norm	0.0329 (0.0032)	...	7.8	sn94D	(Ia-norm)	0.0332	(0.0078)	24.20	(8.16)	87
SN 2006eb	Ia	Ia-norm	0.0173 (0.0009)	57.1 (6.7)	14.5	sn02er	(Ia-norm)	0.0177	(0.0039)	60.98	(7.42)	12
SN 2006eb	Ia	Ia-norm	0.0180 (0.0014)	79.4 (-1.0)	22.3	sn02bo	(Ia-norm)	0.0159	(0.0025)	79.40	(12.67)	20
SN 2006dw	Ia	Ia-norm	0.0269 (0.0043)	1.3 (-1.0)	26.9	sn94ae	(Ia-norm)	0.0264	(0.0019)	1.30	(3.53)	55
SN 2006dw	Ia	Ia-norm	0.0284 (0.0047)	3.8 (3.5)	34.6	sn07af	(Ia-norm)	0.0252	(0.0015)	3.85	(3.46)	66
SN 2006dw	Ia	Ia-norm	0.0263 (0.0029)	15.5 (2.7)	27.4	sn07bm	(Ia-norm)	0.0258	(0.0022)	15.52	(4.51)	44
SN 2006dw	Ia	Ia-norm	0.0267 (0.0013)	...	16.0	sn07fb	(Ia-norm)	0.0280	(0.0038)	32.38	(8.22)	68
SN 2006dy	Ia	Ia-norm	0.0063 (0.0064)	-4.4 (1.9)	21.3	sn04as	(Ia-norm)	0.0075	(0.0032)	-4.36	(1.94)	4
SN 2006dy	Ia	Ia-norm	0.0084 (0.0039)	-1.9 (3.3)	17.8	sn05ms	(Ia-norm)	0.0083	(0.0031)	-1.51	(2.86)	32
SN 2006dy	Ia	Ia-norm	0.0102 (0.0041)	7.9 (-1.0)	29.8	sn02ha	(Ia-norm)	0.0093	(0.0018)	7.89	(2.54)	26
SN 2006dy	Ia	Ia-norm	0.0095 (0.0026)	14.3 (2.8)	24.6	sn98bu	(Ia-norm)	0.0093	(0.0023)	14.30	(4.09)	30
SN 2006dy	Ia	Ia-norm	0.0081 (0.0018)	...	16.5	sn02fk	(Ia-norm)	0.0071	(0.0032)	41.50	(10.34)	65
SN 2006ef	Ia	Ia-norm	0.0177 (0.0048)	0.1 (3.2)	17.4	sn06sr	(Ia-norm)	0.0179	(0.0031)	2.73	(3.35)	21
SN 2006ef	Ia	Ia-norm	0.0181 (0.0011)	...	18.6	sn05am	(Ia-norm)	0.0188	(0.0033)	35.08	(7.62)	74
SN 2006ef	Ia	Ia-norm	0.0187 (0.0016)	39.9 (3.4)	20.1	sn00cu	(Ia-norm)	0.0181	(0.0029)	38.25	(7.70)	76
SN 2006gr	Ia	Ia-norm	0.0224 (0.0081)	...	14.0	sn90N	(Ia-norm)	0.0349	(0.0051)	-13.20	(0.00)	1
SN 2006gr	Ia	Ia-norm	0.0311 (0.0032)	17.8 (1.1)	20.9	sn02bo	(Ia-norm)	0.0333	(0.0030)	17.80	(4.03)	19
SN 2006gr	Ia	Ia-norm	0.0307 (0.0024)	21.7 (-1.0)	22.7	sn02bo	(Ia-norm)	0.0346	(0.0028)	21.70	(8.51)	33
SN 2006ej	Ia	Ia-norm	0.0153 (0.0045)	-2.3 (3.3)	23.6	sn02he	(Ia-norm)	0.0186	(0.0023)	0.29	(1.74)	14
SN 2006ej	Ia	Ia-norm	0.0194 (0.0052)	5.5 (-1.0)	30.0	sn98dx	(Ia-norm)	0.0195	(0.0019)	5.50	(3.06)	25
SN 2006ej	Ia	Ia-norm	0.0175 (0.0017)	...	19.2	sn02er	(Ia-norm)	0.0199	(0.0033)	23.44	(10.06)	18
SN 2006ej	Ia	Ia-norm	0.0193 (0.0011)	28.5 (3.5)	21.0	sn04fu	(Ia-norm)	0.0210	(0.0030)	25.15	(7.86)	49
SN 2006em	Ia	Ia-91bg	0.0205 (0.0032)	8.4 (-1.0)	14.3	sn07al	(Ia-91bg)	0.0192	(0.0039)	5.04	(3.47)	3
SN 2006em	Ia	Ia-91bg	0.0184 (0.0000)	...	10.6	sn06ke	(Ia-91bg)	0.0184	(0.0052)	8.43	(0.00)	1
SN 2006em	...	...	...	...	...	...	...	...	...	...	...	...
SN 2006en	Ia	Ia-norm	0.0333 (0.0043)	10.2 (0.6)	17.1	sn95D	(Ia-norm)	0.0325	(0.0029)	10.10	(2.05)	24
SN 2006en	Ia	Ia-norm	0.0318 (0.0019)	...	22.2	sn94D	(Ia-norm)	0.0344	(0.0026)	17.20	(10.57)	69

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2006en	Ia	Ia-norm	0.0322 (0.0012)	33.0 (5.2)	23.0	sn95D	(Ia-norm)	0.0318	(0.0026)	33.05	(7.92)	78
SN 2006es	Ia	Ia-norm	0.0401 (0.0024)	16.4 (-1.0)	28.4	sn07bc	(Ia-norm)	0.0391	(0.0022)	16.35	(13.99)	72
SN 2006es	Ia	Ia-norm	0.0417 (0.0011)	...	21.6	sn07af	(Ia-norm)	0.0413	(0.0031)	26.49	(8.49)	100
SN 2006eu	Ia	...	0.0230 (0.0058)	...	11.9	sn99da	(Ia-91bg)	0.0226	(0.0057)	7.36	(15.95)	263
SN 2006eu	Ia	Ia-norm	0.0249 (0.0017)	29.4 (4.1)	13.0	sn04fu	(Ia-norm)	0.0259	(0.0053)	25.15	(7.15)	5
SN 2006et	Ia	Ia-norm	0.0255 (0.0056)	4.2 (1.8)	13.7	sn94ae	(Ia-norm)	0.0208	(0.0041)	6.40	(1.54)	9
SN 2006et	...	...	...	...	...	...	...	...	...	...	...	...
SN 2006et	Ia	Ia-norm	0.0238 (0.0016)	28.8 (3.6)	19.2	sn05am	(Ia-norm)	0.0240	(0.0032)	35.08	(6.58)	53
SN 2006ev	Ia	Ia-norm	0.0285 (0.0050)	7.5 (1.7)	20.0	sn01ep	(Ia-norm)	0.0268	(0.0030)	5.97	(2.18)	30
SN 2006ev	Ia	Ia-norm	0.0296 (0.0028)	13.7 (3.8)	16.4	sn89B	(Ia-norm)	0.0276	(0.0035)	12.40	(4.19)	41
SN 2006gj	Ia	Ia-norm	0.0312 (0.0054)	5.0 (2.7)	19.9	sn03iv	(Ia-norm)	0.0282	(0.0026)	6.99	(2.73)	32
SN 2006gt	Ia	Ia-norm	0.0475 (0.0047)	1.6 (2.7)	21.4	sn00dk	(Ia-norm)	0.0470	(0.0024)	1.36	(3.20)	38
SN 2006ha	Ia	Ia-norm	0.0322 (0.0002)	29.4 (3.6)	13.3	sn04fu	(Ia-norm)	0.0325	(0.0053)	25.15	(3.12)	3
SN 2006hb	Ia	Ia-norm	0.0159 (0.0010)	39.3 (3.0)	20.8	sn00dk	(Ia-norm)	0.0153	(0.0027)	36.68	(10.99)	46
SN 2006hn	Ia	Ia-02cx	0.0150 (0.0009)	...	10.8	sn05hk	(Ia-02cx)	0.0171	(0.0046)	14.30	(0.00)	1
SN 2006je	Ia	Ia-norm	0.0379 (0.0019)	28.5 (-1.0)	25.7	sn01ep	(Ia-norm)	0.0362	(0.0025)	28.46	(6.96)	46
SN 2006je	Ia	...	0.0390 (0.0048)	...	13.9	sn05ke	(Ia-91bg)	0.0378	(0.0043)	14.85	(10.50)	146
SN 2006ke	Ia	Ia-91bg	0.0179 (0.0020)	1.5 (2.5)	14.4	sn91bg	(Ia-91bg)	0.0176	(0.0041)	2.50	(2.36)	7
SN 2006ke	Ia	Ia-91bg	0.0190 (0.0022)	5.0 (-1.0)	16.1	sn06em	(Ia-91bg)	0.0190	(0.0036)	4.26	(8.79)	4
SN 2006kf	Ia	Ia-norm	0.0212 (0.0038)	...	16.4	sn02he	(Ia-norm)	0.0231	(0.0033)	-5.91	(3.88)	4
SN 2006kf	Ia	Ia-norm	0.0217 (0.0042)	-3.5 (1.5)	23.7	sn94D	(Ia-norm)	0.0202	(0.0021)	-2.97	(3.13)	42
SN 2006kf	Ia	Ia-norm	0.0197 (0.0018)	...	17.3	sn04fz	(Ia-norm)	0.0209	(0.0033)	17.56	(9.86)	49
SN 2006nr	Ia	Ia-norm	0.0168 (0.0016)	...	12.6	sn01dw	(Ia-norm)	0.0177	(0.0046)	11.06	(12.05)	9
SN 2006lf	Ia	Ia-norm	0.0120 (0.0044)	-1.9 (3.9)	21.9	sn06N	(Ia-norm)	0.0126	(0.0024)	-1.94	(2.94)	23
SN 2006lf	Ia	Ia-norm	0.0147 (0.0024)	15.1 (2.4)	18.2	sn06N	(Ia-norm)	0.0148	(0.0031)	11.87	(4.00)	39
SN 2006lf	Ia	Ia-norm	0.0129 (0.0012)	30.0 (2.9)	16.8	sn02eu	(Ia-norm)	0.0128	(0.0034)	33.44	(7.57)	46
SN 2006lf	Ia	Ia-norm	0.0122 (0.0010)	44.1 (7.7)	13.0	sn98bu	(Ia-norm)	0.0123	(0.0038)	44.10	(6.97)	19
SN 2006le	Ia	Ia-norm	0.0142 (0.0057)	...	11.3	sn07qe	(Ia-norm)	0.0180	(0.0069)	-6.54	(0.00)	1
SN 2006le	Ia	...	0.0146 (0.0049)	...	15.8	sn05kc	(Ia-norm)	0.0132	(0.0035)	12.19	(22.73)	209
SN 2006le	Ia	Ia-norm	0.0173 (0.0016)	41.0 (3.5)	20.3	sn99dk	(Ia-norm)	0.0168	(0.0030)	44.20	(11.95)	58
SN 2006mo	Ia	Ia-norm	0.0377 (0.0034)	16.4 (-1.0)	19.0	sn89B	(Ia-norm)	0.0353	(0.0028)	16.40	(3.35)	21
SN 2006mp	Ia	...	0.0303 (0.0060)	...	17.8	sn02er	(Ia-norm)	0.0329	(0.0033)	-3.50	(5.07)	210
SN 2006ob	Ia	Ia-norm	0.0614 (0.0050)	10.1 (2.0)	7.6	sn94ae	(Ia-norm)	0.0632	(0.0062)	10.40	(3.06)	37
SN 2006or	Ia	Ia-norm	0.0225 (0.0059)	0.2 (3.6)	16.0	sn99gd	(Ia-norm)	0.0190	(0.0035)	0.17	(3.33)	17
SN 2006or	Ia	Ia-norm	0.0198 (0.0030)	14.3 (1.8)	17.3	sn02bo	(Ia-norm)	0.0225	(0.0036)	13.80	(2.30)	21
SN 2006os	Ia	Ia-norm	0.0328 (0.0052)	6.1 (2.1)	28.8	sn02er	(Ia-norm)	0.0328	(0.0020)	5.59	(3.16)	50
SN 2006os	Ia	Ia-norm	0.0324 (0.0018)	27.5 (2.4)	29.9	sn02er	(Ia-norm)	0.0346	(0.0022)	23.44	(8.02)	88
SN 2006ot	Ia	Ia-norm	0.0487 (0.0048)	...	14.2	sn02bo	(Ia-norm)	0.0505	(0.0045)	-1.40	(3.96)	15
SN 2006ot	Ia	Ia-norm	0.0520 (0.0060)	-1.5 (3.4)	9.0	sn02er	(Ia-norm)	0.0540	(0.0081)	-2.50	(3.87)	53
SN 2006ow	Ia	Ia-norm	0.0411 (0.0025)	18.7 (-1.0)	24.1	sn94D	(Ia-norm)	0.0423	(0.0025)	15.30	(12.82)	41
SN 2006qo	Ia	...	0.0298 (0.0077)	...	12.3	sn90N	(Ia-norm)	0.0397	(0.0064)	-6.40	(5.00)	61
SN 2006sr	Ia	Ia-norm	0.0198 (0.0041)	-2.8 (-1.0)	22.9	sn02he	(Ia-norm)	0.0265	(0.0023)	-5.91	(2.70)	11
SN 2006sr	Ia	Ia-norm	0.0226 (0.0047)	0.3 (3.6)	35.2	sn02he	(Ia-norm)	0.0255	(0.0016)	0.29	(3.57)	41
SN 2006su	Ia	Ia-norm	0.0469 (0.0012)	...	22.1	sn07bm	(Ia-norm)	0.0470	(0.0025)	20.45	(8.43)	76
SN 2006td	Ia	Ia-norm	0.0149 (0.0010)	...	14.1	sn01dw	(Ia-norm)	0.0151	(0.0043)	11.06	(6.87)	46
SN 2006te	Ia	Ia-norm	0.0312 (0.0018)	...	20.8	sn06dw	(Ia-norm)	0.0324	(0.0029)	28.28	(8.34)	78
SN 2006te	Ia	Ia-norm	0.0323 (0.0018)	28.4 (4.2)	9.8	sn94D	(Ia-norm)	0.0324	(0.0065)	24.20	(8.07)	78
SN 2006te	Ia	Ia-norm	0.0330 (0.0012)	...	21.0	sn06dw	(Ia-norm)	0.0342	(0.0028)	28.28	(8.48)	81
SN 2007A	Ia	Ia-norm	0.0196 (0.0043)	1.5 (2.6)	21.4	sn00dn	(Ia-norm)	0.0167	(0.0025)	-1.04	(3.30)	40
SN 2007A	Ia	Ia-norm	0.0172 (0.0028)	13.2 (1.3)	25.8	sn05kc	(Ia-norm)	0.0163	(0.0021)	12.19	(2.99)	41
SN 2007A	Ia	Ia-norm	0.0182 (0.0017)	35.6 (6.5)	19.3	sn02jy	(Ia-norm)	0.0174	(0.0028)	39.90	(7.90)	85
SN 2007B	Ia	Ia-norm	0.0202 (0.0045)	-0.9 (2.0)	27.4	sn06sr	(Ia-norm)	0.0214	(0.0019)	2.73	(3.35)	40
SN 2007B	Ia	Ia-norm	0.0213 (0.0045)	8.1 (-1.0)	28.8	sn05ki	(Ia-norm)	0.0193	(0.0019)	7.96	(3.10)	27
SN 2007B	Ia	Ia-norm	0.0194 (0.0026)	11.0 (2.8)	30.0	sn05be	(Ia-norm)	0.0203	(0.0019)	10.96	(2.81)	33
SN 2007E	Ia	Ia-norm	0.0262 (0.0046)	7.5 (1.2)	26.0	sn02hd	(Ia-norm)	0.0246	(0.0020)	6.05	(1.82)	24
SN 2007E	Ia	Ia-norm	0.0226 (0.0023)	18.4 (2.6)	17.6	sn89B	(Ia-norm)	0.0216	(0.0029)	17.40	(10.29)	59
SN 2007F	Ia	Ia-norm	0.0212 (0.0054)	-6.4 (-1.0)	12.5	sn02er	(Ia-norm)	0.0230	(0.0048)	-6.40	(0.76)	2
SN 2007F	Ia	Ia-norm	0.0243 (0.0041)	3.3 (1.1)	23.0	sn07A	(Ia-norm)	0.0230	(0.0023)	2.37	(2.90)	31
SN 2007F	Ia	Ia-norm	0.0223 (0.0025)	22.5 (3.5)	22.4	sn07fs	(Ia-norm)	0.0233	(0.0027)	22.67	(13.66)	70
SN 2007F	Ia	...	0.0252 (0.0036)	...	21.2	sn08ds	(Ia-99aa)	0.0249	(0.0027)	56.77	(18.94)	196
SN 2007M	Ia	...	0.0197 (0.0022)	...	20.3	sn08ds	(Ia-99aa)	0.0209	(0.0027)	92.83	(23.54)	39
SN 2007N	...	...	...	...	...	...	...	...	...	...	...	...
SN 2007N	Ia	Ia-91bg	0.0141 (0.0018)	...	12.7	sn91bg	(Ia-91bg)	0.0123	(0.0044)	18.60	(4.66)	4
SN 2007O	Ia	Ia-norm	0.0430 (0.0046)	1.3 (3.4)	14.8	sn94ae	(Ia-norm)	0.0378	(0.0032)	4.40	(3.48)	14
SN 2007O	Ia	Ia-norm	0.0369 (0.0018)	...	32.7	sn07fb	(Ia-norm)	0.0379	(0.0019)	32.38	(8.49)	98

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2007R	Ia	Ia-norm	0.0277 (0.0024)	17.2 (2.9)	13.5	sn04fz	(Ia-norm)	0.0287	(0.0044)	17.56	(5.09)	12
SN 2007S	Ia	Ia-norm	0.0142 (0.0060)	3.7 (1.9)	13.4	sn98bu	(Ia-norm)	0.0142	(0.0043)	1.20	(1.77)	6
SN 2007S	Ia	Ia-norm	0.0139 (0.0011)	29.4 (4.3)	17.3	sn06et	(Ia-norm)	0.0128	(0.0034)	43.76	(5.86)	48
SN 2007S	Ia	Ia-norm	0.0153 (0.0009)	51.6 (4.2)	18.7	sn02er	(Ia-norm)	0.0148	(0.0030)	60.98	(8.75)	19
SN 2007V	Ia	Ia-norm	0.0295 (0.0016)	28.5 (3.6)	28.1	sn06N	(Ia-norm)	0.0295	(0.0022)	27.49	(7.65)	68
SN 2007af	Ia	Ia-norm	0.0065 (0.0041)	1.3 (0.9)	22.1	sn06dw	(Ia-norm)	0.0065	(0.0024)	1.07	(3.34)	51
SN 2007af	Ia	Ia-norm	0.0075 (0.0044)	2.8 (3.0)	19.7	sn01ep	(Ia-norm)	0.0048	(0.0027)	2.83	(2.75)	25
SN 2007af	Ia	Ia-norm	0.0092 (0.0048)	4.9 (2.9)	24.6	sn06dw	(Ia-norm)	0.0071	(0.0021)	6.88	(3.47)	31
SN 2007af	Ia	Ia-norm	0.0050 (0.0016)	...	20.0	sn07fs	(Ia-norm)	0.0040	(0.0027)	36.37	(8.27)	83
SN 2007af	Ia	Ia-norm	0.0073 (0.0012)	87.3 (3.7)	20.7	sn07fs	(Ia-norm)	0.0064	(0.0026)	91.35	(15.80)	9
SN 2007af	Ia	Ia-norm	0.0080 (0.0011)	87.3 (4.0)	14.2	sn07fs	(Ia-norm)	0.0067	(0.0038)	91.35	(3.62)	4
SN 2007af	Ia	Ia-norm	0.0077 (0.0010)	87.3 (4.3)	13.3	sn94D	(Ia-norm)	0.0073	(0.0041)	83.10	(30.05)	5
SN 2007af	Ia	Ia-norm	0.0083 (0.0009)	115.1 (-1.0)	12.2	sn94D	(Ia-norm)	0.0074	(0.0044)	115.09	(22.62)	2
SN 2007af	Ia	Ia-norm	0.0083 (0.0006)	...	11.0	sn94ae	(Ia-norm)	0.0074	(0.0049)	153.40	(0.00)	1
SN 2007aj	Ia	Ia-norm	0.0304 (0.0030)	14.5 (-1.0)	33.3	sn98bu	(Ia-norm)	0.0310	(0.0017)	12.20	(2.99)	53
SN 2007aj	Ia	Ia-norm	0.0312 (0.0016)	31.1 (3.4)	25.1	sn98bu	(Ia-norm)	0.0310	(0.0022)	32.10	(7.52)	84
SN 2007al	Ia	Ia-91bg	0.0156 (0.0026)	4.3 (3.5)	15.6	sn91bg	(Ia-91bg)	0.0131	(0.0036)	2.50	(2.28)	7
SN 2007ap	Ia	Ia-norm	0.0161 (0.0031)	8.7 (1.3)	15.9	sn05ki	(Ia-norm)	0.0161	(0.0035)	7.96	(1.25)	12
SN 2007ap	Ia	Ia-norm	0.0156 (0.0011)	36.1 (4.3)	19.8	sn06dm	(Ia-norm)	0.0148	(0.0030)	36.06	(7.99)	80
SN 2007ap	Ia	Ia-norm	0.0156 (0.0009)	39.5 (2.5)	16.8	sn00cu	(Ia-norm)	0.0154	(0.0036)	38.25	(4.80)	40
SN 2007ao	Ia	Ia-91bg	0.0265 (0.0021)	2.4 (-1.0)	5.9	sn06bz	(Ia-91bg)	0.0265	(0.0094)	-1.67	(2.88)	2
SN 2007au	Ia	Ia-norm	0.0211 (0.0021)	28.5 (2.0)	14.0	sn01ep	(Ia-norm)	0.0188	(0.0043)	28.46	(3.88)	15
SN 2007au	Ia	Ia-norm	0.0228 (0.0013)	36.4 (6.0)	14.8	sn00dk	(Ia-norm)	0.0217	(0.0040)	36.68	(5.63)	21
SN 2007ax	Ia	Ia-91bg	0.0085 (0.0025)	16.4 (-1.0)	12.7	sn05ke	(Ia-91bg)	0.0064	(0.0042)	14.85	(1.09)	2
SN 2007ba	Ia	Ia-91bg	0.0388 (0.0033)	0.4 (2.3)	20.4	sn99by	(Ia-91bg)	0.0388	(0.0027)	-2.80	(2.83)	14
SN 2007ba	Ia	Ia-91bg	0.0403 (0.0024)	2.5 (3.2)	16.3	sn99by	(Ia-91bg)	0.0381	(0.0034)	3.10	(1.65)	4
SN 2007ba	Ia	Ia-norm	0.0381 (0.0040)	...	13.4	sn02bo	(Ia-norm)	0.0389	(0.0045)	21.70	(4.35)	5
SN 2007bc	Ia	Ia-norm	0.0245 (0.0045)	1.6 (2.2)	25.4	sn05bc	(Ia-norm)	0.0225	(0.0021)	1.65	(3.13)	33
SN 2007bc	Ia	Ia-norm	0.0225 (0.0024)	...	16.7	sn04eo	(Ia-norm)	0.0219	(0.0037)	13.19	(17.40)	37
SN 2007bd	Ia	Ia-norm	0.0243 (0.0044)	-2.3 (2.5)	27.6	sn06sr	(Ia-norm)	0.0284	(0.0020)	-2.30	(2.51)	16
SN 2007bd	Ia	Ia-norm	0.0287 (0.0032)	10.1 (1.9)	17.1	sn01en	(Ia-norm)	0.0302	(0.0035)	10.09	(2.57)	33
SN 2007bj	Ia	Ia-pec	0.0171 (0.0000)	...	14.6	sn00cx	(Ia-pec)	0.0171	(0.0042)	19.40	(0.00)	1
SN 2007bj	Ia	Ia-norm	0.0150 (0.0026)	...	14.5	sn99dk	(Ia-norm)	0.0149	(0.0040)	44.20	(9.60)	15
SN 2007bj	Ia	Ia-norm	0.0172 (0.0017)	44.2 (0.4)	18.4	sn02bo	(Ia-norm)	0.0172	(0.0032)	44.48	(12.31)	26
SN 2007bm	Ia	Ia-norm	0.0063 (0.0041)	-1.8 (2.7)	18.8	sn04eo	(Ia-norm)	0.0056	(0.0028)	-5.57	(2.73)	36
SN 2007bm	Ia	Ia-norm	0.0073 (0.0025)	14.3 (2.8)	21.6	sn05cf	(Ia-norm)	0.0061	(0.0027)	18.69	(13.74)	27
SN 2007bm	Ia	...	0.0061 (0.0049)	...	17.7	sn92A	(Ia-norm)	0.0165	(0.0031)	17.30	(16.89)	334
SN 2007bm	Ia	Ia-norm	0.0073 (0.0009)	40.1 (2.5)	21.4	sn04eo	(Ia-norm)	0.0059	(0.0025)	44.40	(9.60)	65
SN 2007bz	Ia	Ia-norm	0.0208 (0.0050)	3.3 (3.5)	14.3	sn94ae	(Ia-norm)	0.0197	(0.0036)	3.30	(3.50)	45
SN 2007ca	Ia	Ia-norm	0.0085 (0.0059)	-8.4 (1.2)	9.1	sn02er	(Ia-norm)	0.0135	(0.0070)	-8.40	(4.34)	8
SN 2007ca	Ia	Ia-norm	0.0140 (0.0027)	14.1 (-1.0)	28.8	sn95D	(Ia-norm)	0.0145	(0.0018)	14.10	(2.76)	24
SN 2007ca	Ia	...	0.0155 (0.0046)	...	17.7	sn98es	(Ia-99aa)	0.0137	(0.0032)	46.13	(16.02)	306
SN 2007cf	Ia	Ia-91bg	0.0368 (0.0036)	7.8 (3.2)	12.5	sn99by	(Ia-91bg)	0.0350	(0.0052)	3.10	(2.84)	4
SN 2007cg	Ia	Ia-norm	0.0301 (0.0020)	11.0 (-1.0)	11.3	sn06ev	(Ia-norm)	0.0301	(0.0055)	16.85	(3.50)	3
SN 2007ci	Ia	Ia-norm	0.0142 (0.0044)	-1.4 (1.8)	16.8	sn06ej	(Ia-norm)	0.0187	(0.0030)	-3.69	(3.32)	14
SN 2007ci	Ia	Ia-norm	0.0171 (0.0046)	-0.5 (3.9)	18.0	sn03cq	(Ia-norm)	0.0199	(0.0030)	-0.05	(3.47)	30
SN 2007ci	Ia	Ia-norm	0.0163 (0.0013)	...	15.9	sn06N	(Ia-norm)	0.0166	(0.0039)	27.49	(7.94)	35
SN 2007ci	Ia	Ia-norm	0.0184 (0.0011)	28.5 (2.7)	17.3	sn01ep	(Ia-norm)	0.0166	(0.0035)	28.46	(5.05)	26
SN 2007co	Ia	Ia-norm	0.0217 (0.0055)	-4.4 (1.7)	21.3	sn04as	(Ia-norm)	0.0283	(0.0030)	-4.36	(1.97)	14
SN 2007co	Ia	Ia-norm	0.0248 (0.0055)	-3.5 (3.6)	31.7	sn02er	(Ia-norm)	0.0271	(0.0020)	-3.50	(3.59)	44
SN 2007co	Ia	Ia-norm	0.0246 (0.0033)	9.6 (2.0)	20.5	sn06ev	(Ia-norm)	0.0259	(0.0030)	11.03	(2.98)	32
SN 2007co	Ia	Ia-norm	0.0251 (0.0018)	23.6 (-1.0)	24.3	sn07gk	(Ia-norm)	0.0279	(0.0028)	19.65	(9.58)	72
SN 2007co	Ia	Ia-norm	0.0280 (0.0011)	28.5 (3.9)	21.3	sn02bo	(Ia-norm)	0.0289	(0.0032)	27.59	(7.78)	72
SN 2007co	Ia	Ia-norm	0.0278 (0.0010)	31.1 (5.7)	19.3	sn02bo	(Ia-norm)	0.0286	(0.0034)	27.59	(7.93)	85
SN 2007co	Ia	Ia-norm	0.0288 (0.0012)	51.1 (2.4)	21.5	sn02bo	(Ia-norm)	0.0278	(0.0026)	49.60	(8.82)	40
SN 2007co	Ia	Ia-norm	0.0292 (0.0017)	61.0 (10.0)	23.8	sn02er	(Ia-norm)	0.0285	(0.0024)	60.98	(9.95)	22
SN 2007cp	Ia	Ia-norm	0.0343 (0.0036)	-6.3 (3.1)	13.1	sn94D	(Ia-norm)	0.0366	(0.0039)	-8.70	(2.83)	5
SN 2007cp	Ia	Ia-norm	0.0363 (0.0059)	...	15.3	sn00dk	(Ia-norm)	0.0343	(0.0035)	1.36	(3.71)	22
SN 2007cq	Ia	...	0.0263 (0.0031)	...	9.8	sn02fb	(Ia-91bg)	0.0261	(0.0058)	0.98	(4.38)	53
SN 2007cq	Ia	Ia-91bg	0.0254 (0.0019)	-2.8 (3.7)	13.6	sn06cs	(Ia-91bg)	0.0260	(0.0037)	2.41	(3.15)	5
SN 2007cq	Ib	Ib-norm	0.0252 (0.0009)	...	10.5	sn99ex	(Ib-norm)	0.0246	(0.0061)	9.30	(0.00)	1
SN 2007cq	Ia	Ia-norm	0.0230 (0.0039)	18.9 (-1.0)	13.2	sn04ey	(Ia-norm)	0.0240	(0.0045)	18.90	(4.30)	64
SN 2007cq	Ia	Ia-norm	0.0241 (0.0017)	34.2 (5.6)	20.8	sn94ae	(Ia-norm)	0.0233	(0.0026)	36.20	(9.07)	72
SN 2007cq	Ia	Ia-norm	0.0241 (0.0017)	41.1 (2.2)	23.0	sn98bu	(Ia-norm)	0.0248	(0.0023)	42.10	(12.27)	57
SN 2007cs	Ia	Ia-norm	0.0147 (0.0027)	39.3 (3.8)	7.8	sn95D	(Ia-norm)	0.0166	(0.0073)	42.80	(8.47)	38

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2007cs	Ia	Ia-norm	0.0144 (0.0037)	44.1 (3.1)	9.9	sn02bo	(Ia-norm)	0.0162	(0.0057)	45.60	(13.36)	39
SN 2007cs	Ia	Ia-norm	0.0184 (0.0017)	57.1 (10.2)	15.2	sn02bo	(Ia-norm)	0.0177	(0.0039)	51.60	(9.82)	5
SN 2007cs	Ia	Ia-norm	0.0189 (0.0025)	51.6 (5.2)	15.7	sn02bo	(Ia-norm)	0.0184	(0.0037)	49.60	(9.71)	5
SN 2007fb	Ia	Ia-norm	0.0182 (0.0044)	1.1 (2.5)	22.1	sn94D	(Ia-norm)	0.0176	(0.0023)	-1.80	(3.49)	48
SN 2007fb	Ia	Ia-norm	0.0182 (0.0025)	...	23.1	sn05be	(Ia-norm)	0.0193	(0.0024)	10.96	(4.45)	36
SN 2007fb	Ia	Ia-norm	0.0168 (0.0015)	29.2 (5.8)	19.9	sn94D	(Ia-norm)	0.0175	(0.0028)	21.00	(8.25)	61
SN 2007fb	Ia	Ia-norm	0.0169 (0.0016)	40.1 (2.8)	20.8	sn02fk	(Ia-norm)	0.0161	(0.0025)	41.50	(8.78)	65
SN 2007fb	Ia	Ia-norm	0.0161 (0.0011)	...	16.1	sn94ae	(Ia-norm)	0.0174	(0.0030)	30.20	(14.77)	28
SN 2007fb	Ia	...	0.0172 (0.0043)	...	20.0	sn08ec	(Ia-norm)	0.0151	(0.0027)	71.57	(27.15)	195
SN 2007fb	Ia	Ia-norm	0.0161 (0.0009)	...	16.4	sn94D	(Ia-norm)	0.0167	(0.0034)	87.19	(29.63)	5
SN 2007fc	Ia	Ia-norm	0.0364 (0.0024)	...	38.9	sn04ey	(Ia-norm)	0.0347	(0.0015)	18.90	(9.90)	42
SN 2007fc	Ia	Ia-norm	0.0353 (0.0013)	27.6 (-1.0)	22.4	sn02bo	(Ia-norm)	0.0364	(0.0029)	27.59	(7.29)	65
SN 2007fc	Ia	Ia-norm	0.0354 (0.0012)	35.6 (4.9)	22.8	sn07af	(Ia-norm)	0.0352	(0.0027)	26.49	(7.55)	86
SN 2007fq	Ia	Ia-91bg	0.0468 (0.0000)	...	5.7	sn91bg	(Ia-91bg)	0.0466	(0.0126)	16.40	(0.00)	1
SN 2007fr	Ia	Ia-norm	0.0513 (0.0046)	-0.9 (3.5)	13.4	sn06dw	(Ia-norm)	0.0512	(0.0039)	1.07	(3.36)	40
SN 2007fr	Ia	Ia-norm	0.0520 (0.0045)	4.8 (2.1)	26.5	sn05bc	(Ia-norm)	0.0509	(0.0021)	1.65	(3.81)	72
SN 2007fs	Ia	Ia-norm	0.0190 (0.0053)	6.1 (1.3)	24.8	sn94ae	(Ia-norm)	0.0176	(0.0021)	6.40	(2.59)	40
SN 2007fs	Ia	Ia-norm	0.0177 (0.0026)	17.4 (3.0)	18.3	sn89B	(Ia-norm)	0.0165	(0.0028)	17.40	(11.95)	40
SN 2007fs	Ia	Ia-norm	0.0177 (0.0015)	35.1 (6.3)	19.2	sn95D	(Ia-norm)	0.0160	(0.0026)	37.80	(7.60)	79
SN 2007fs	Ia	Ia-norm	0.0183 (0.0015)	38.3 (3.1)	20.8	sn02jy	(Ia-norm)	0.0180	(0.0026)	39.90	(6.98)	73
SN 2007fs	Ia	Ia-norm	0.0183 (0.0021)	55.1 (5.6)	26.6	sn02bo	(Ia-norm)	0.0171	(0.0020)	49.60	(9.36)	39
SN 2007fs	Ia	Ia-norm	0.0177 (0.0012)	87.9 (2.9)	22.1	sn07af	(Ia-norm)	0.0164	(0.0025)	91.06	(15.93)	18
SN 2007ge	Ia	Ia-norm	0.0474 (0.0038)	13.4 (-1.0)	26.8	sn89B	(Ia-norm)	0.0456	(0.0020)	12.40	(4.66)	22
SN 2007gi	...	...	...	...	...	...	...	...	...	...	...	...
SN 2007gi	Ia	Ia-norm	-0.0065 (0.0039)	...	10.1	sn92A	(Ia-norm)	0.0040	(0.0057)	-5.00	(0.00)	1
SN 2007gi	Ia	Ia-norm	-0.0040 (0.0034)	...	18.5	sn06bq	(Ia-norm)	0.0030	(0.0033)	6.69	(5.58)	2
SN 2007gi	Ia	Ia-norm	0.0059 (0.0002)	85.5 (-1.0)	10.7	sn98ef	(Ia-norm)	0.0060	(0.0058)	85.52	(9.68)	2
SN 2007gi	Ia	Ia-norm	0.0084 (0.0015)	...	5.9	sn04ef	(Ia-norm)	0.0059	(0.0098)	84.60	(55.53)	5
SN 2007gk	Ia	Ia-norm	0.0196 (0.0048)	-1.4 (1.4)	19.0	sn02bo	(Ia-norm)	0.0269	(0.0033)	-3.40	(2.31)	15
SN 2007gk	Ia	Ia-norm	0.0245 (0.0018)	...	15.1	sn02er	(Ia-norm)	0.0262	(0.0044)	23.44	(7.21)	30
SN 2007if	Ia	Ia-norm	0.0748 (0.0021)	...	8.8	sn05de	(Ia-norm)	0.0740	(0.0058)	40.49	(10.50)	118
SN 2007if	Ia	Ia-norm	0.0728 (0.0007)	59.1 (-1.0)	14.4	sn02cr	(Ia-norm)	0.0728	(0.0034)	57.47	(4.97)	5
SN 2007if	Ia	Ia-norm	0.0727 (0.0019)	72.5 (13.1)	13.4	sn02fk	(Ia-norm)	0.0730	(0.0037)	72.46	(13.11)	24
SN 2007hj	Ia	Ia-norm	0.0124 (0.0049)	-0.1 (1.8)	17.2	sn08hs	(Ia-norm)	0.0137	(0.0031)	-7.94	(3.54)	17
SN 2007hj	Ia	Ia-norm	0.0120 (0.0015)	...	11.4	sn01dw	(Ia-norm)	0.0126	(0.0052)	11.06	(5.95)	4
SN 2007hj	Ia	Ia-norm	0.0158 (0.0009)	41.3 (5.1)	18.0	sn00cu	(Ia-norm)	0.0155	(0.0031)	38.25	(6.10)	30
SN 2007hj	Ia	Ia-norm	0.0154 (0.0010)	91.1 (3.6)	13.8	sn01ep	(Ia-norm)	0.0153	(0.0041)	87.26	(6.17)	5
SN 2007hu	Ia	Ia-norm	0.0329 (0.0054)	5.1 (1.8)	31.7	sn05am	(Ia-norm)	0.0339	(0.0018)	4.47	(3.08)	36
SN 2007hu	Ia	Ia-norm	0.0331 (0.0016)	28.5 (2.3)	33.0	sn06ej	(Ia-norm)	0.0339	(0.0019)	27.54	(7.48)	56
SN 2007ir	Ia	Ia-norm	0.0330 (0.0019)	6.0 (3.7)	5.4	sn01ep	(Ia-norm)	0.0336	(0.0122)	5.97	(2.71)	3
SN 2007ir	Ia	Ia-norm	0.0331 (0.0029)	...	7.4	sn02cs	(Ia-norm)	0.0340	(0.0082)	31.28	(9.23)	13
SN 2007is	Ia	Ia-norm	0.0309 (0.0060)	-4.4 (2.4)	16.0	sn98bu	(Ia-norm)	0.0273	(0.0035)	-0.70	(2.51)	14
SN 2007is	Ia	Ia-norm	0.0285 (0.0019)	19.6 (1.7)	26.0	sn07gk	(Ia-norm)	0.0312	(0.0025)	19.65	(9.74)	96
SN 2007kf	Ia	Ia-norm	0.0451 (0.0011)	43.2 (6.9)	17.1	sn94D	(Ia-norm)	0.0454	(0.0031)	43.20	(7.35)	35
SN 2007kg	Ia	Ia-norm	0.0072 (0.0020)	71.8 (11.2)	18.8	sn99dk	(Ia-norm)	0.0056	(0.0033)	71.83	(11.21)	10
SN 2007kd	Ia	Ia-norm	0.0233 (0.0015)	72.5 (-1.0)	23.3	sn02bo	(Ia-norm)	0.0229	(0.0024)	72.50	(10.25)	17
SN 2007kk	Ia	Ia-norm	0.0355 (0.0046)	7.3 (4.0)	28.8	sn00fa	(Ia-norm)	0.0382	(0.0020)	7.34	(4.00)	21
SN 2007le	Ia	Ia-norm	-0.0031 (0.0041)	-9.4 (-1.0)	5.9	sn02bo	(Ia-norm)	0.0063	(0.0105)	-9.40	(1.91)	2
SN 2007le	Ia	Ia-norm	-0.0037 (0.0045)	-12.3 (2.0)	7.4	sn02bo	(Ia-norm)	0.0059	(0.0094)	-12.29	(2.04)	2
SN 2007le	Ia	Ia-norm	0.0028 (0.0049)	...	14.0	sn06or	(Ia-norm)	0.0072	(0.0041)	-2.91	(4.44)	5
SN 2007le	Ia	Ia-norm	0.0045 (0.0022)	14.3 (1.7)	12.6	sn02bo	(Ia-norm)	0.0069	(0.0047)	14.80	(3.41)	9
SN 2007le	Ia	Ia-norm	0.0046 (0.0021)	14.3 (1.7)	13.3	sn02bo	(Ia-norm)	0.0066	(0.0044)	15.70	(3.10)	12
SN 2007le	Ia	...	0.0042 (0.0046)	...	14.1	sn02jy	(Ia-norm)	0.0027	(0.0040)	39.90	(17.26)	328
SN 2007le	Ia	Ia-norm	0.0056 (0.0009)	39.9 (6.3)	17.0	sn02bo	(Ia-norm)	0.0058	(0.0031)	44.40	(8.76)	36
SN 2007le	Ia	Ia-norm	0.0069 (0.0007)	49.6 (4.6)	15.8	sn99dk	(Ia-norm)	0.0070	(0.0035)	44.20	(12.70)	13
SN 2007le	Ia	Ia-norm	0.0117 (0.0034)	...	8.0	sn90N	(Ia-norm)	0.0085	(0.0074)	213.40	(43.87)	8
SN 2007s1 ^d	Ia	Ia-norm	0.0259 (0.0051)	-4.3 (1.7)	20.3	sn02er	(Ia-norm)	0.0293	(0.0032)	-4.40	(2.48)	29
SN 2007s1 ^d	Ia	Ia-norm	0.0246 (0.0002)	...	10.7	sn02bo	(Ia-norm)	0.0248	(0.0050)	44.48	(0.00)	1
SN 2007qd	Ia	Ia-02cx	0.0499 (0.0037)	51.0 (8.4)	9.0	sn03gq	(Ia-02cx)	0.0442	(0.0030)	57.96	(9.20)	10
SN 2007on	Ia	Ia-norm	0.0053 (0.0038)	-7.9 (2.9)	19.9	sn08hs	(Ia-norm)	0.0075	(0.0026)	-7.94	(2.85)	23
SN 2007on	Ia	Ia-norm	0.0068 (0.0040)	-3.0 (2.6)	16.1	sn07fb	(Ia-norm)	0.0059	(0.0028)	1.95	(2.52)	34
SN 2007on	Ia	Ia-norm	0.0060 (0.0010)	28.8 (4.1)	12.3	sn98bu	(Ia-norm)	0.0062	(0.0048)	30.22	(4.64)	12
SN 2007on	Ia	Ia-norm	0.0066 (0.0016)	30.2 (2.8)	20.2	sn02eu	(Ia-norm)	0.0064	(0.0028)	33.44	(6.99)	50
SN 2007qe	Ia	Ia-norm	0.0104 (0.0062)	-5.0 (-1.0)	9.1	sn92A	(Ia-norm)	0.0220	(0.0063)	-5.00	(2.89)	7

Continued on Next Page...

Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	$rlap$	Best Match ^c						
SN 2007qe	Ia	Ia-norm	0.0179 (0.0057)	6.7 (-1.0)	20.5	sn02bo	(Ia-norm)	0.0261	(0.0030)	-1.20	(4.31)	14
SN 2007qe	Ia	Ia-norm	0.0204 (0.0029)	13.5 (1.6)	15.6	sn98bu	(Ia-norm)	0.0219	(0.0038)	12.20	(1.56)	10
SN 2007sa	Ia	Ia-norm	0.0045 (0.0009)	36.4 (4.3)	16.9	sn01en	(Ia-norm)	0.0048	(0.0033)	35.64	(6.95)	62
SN 2007rx	Ia	Ia-norm	0.0368 (0.0043)	3.5 (2.2)	13.5	sn07bc	(Ia-norm)	0.0323	(0.0040)	0.61	(2.10)	8
SN 2007ry	Ia	Ia-norm	0.0437 (0.0000)	...	10.6	sn06cf	(Ia-norm)	0.0434	(0.0050)	18.72	(0.00)	1
SN 2007sr	Ia	Ia-norm	0.0049 (0.0009)	...	17.1	sn02bo	(Ia-norm)	0.0045	(0.0031)	44.40	(7.57)	32
SN 2007sr	Ia	Ia-norm	0.0078 (0.0010)	...	11.4	sn04ef	(Ia-norm)	0.0060	(0.0051)	84.60	(19.58)	3
SN 2007su	Ia	Ia-norm	0.0293 (0.0079)	-2.9 (3.7)	14.4	sn06or	(Ia-norm)	0.0267	(0.0040)	-2.91	(3.68)	3
SN 2007ux	Ia	Ia-norm	0.0329 (0.0039)	3.4 (2.9)	13.9	sn00dk	(Ia-norm)	0.0323	(0.0035)	1.36	(3.21)	26
SN 2007ux	Ia	Ia-norm	0.0307 (0.0017)	...	22.9	sn06kf	(Ia-norm)	0.0321	(0.0028)	18.67	(9.33)	94
SN 2008A	...	...	...	...	...	...	...	...	...	...	...	...
SN 2008A	...	...	...	...	...	...	...	...	...	...	...	...
SN 2008A	...	...	...	...	...	...	...	...	...	...	...	...
SN 2008A	...	...	...	...	...	...	...	...	...	...	...	...
SN 2008A	...	...	...	...	...	...	...	...	...	...	...	...
SN 2008A	...	...	...	...	...	...	...	...	...	...	...	...
SN 2008C	Ia	Ia-norm	0.0175 (0.0026)	14.3 (2.7)	16.5	sn90N	(Ia-norm)	0.0171	(0.0032)	17.70	(4.04)	32
SN 2008L	Ia	Ia-norm	0.0175 (0.0009)	32.1 (6.2)	16.3	sn98bu	(Ia-norm)	0.0175	(0.0034)	34.20	(7.90)	51
SN 2008Q	Ia	Ia-norm	0.0085 (0.0047)	5.5 (1.4)	24.8	sn98dx	(Ia-norm)	0.0087	(0.0021)	5.50	(3.16)	36
SN 2008Q	Ia	Ia-norm	0.0039 (0.0015)	...	12.3	sn04fz	(Ia-norm)	0.0061	(0.0047)	17.56	(4.07)	5
SN 2008Q	Ia	...	0.0087 (0.0028)	...	15.8	sn00cx	(Ia-pec)	0.0097	(0.0039)	96.80	(77.88)	46
SN 2008Z	Ia	...	0.0194 (0.0047)	...	13.9	sn08ds	(Ia-99aa)	0.0162	(0.0038)	-0.08	(4.21)	135
SN 2008Z	Ia	Ia-norm	0.0187 (0.0000)	...	10.1	sn94ae	(Ia-norm)	0.0204	(0.0049)	9.40	(0.00)	1
SN 2008af	Ia	...	0.0271 (0.0037)	...	18.0	sn06ej	(Ia-norm)	0.0291	(0.0040)	21.65	(10.87)	189
SN 2008ai	Ia	Ia-91bg	0.0366 (0.0029)	5.1 (2.8)	16.9	sn07ba	(Ia-91bg)	0.0367	(0.0034)	5.12	(5.31)	13
SN 2008ai	Ia	Ia-norm	0.0354 (0.0016)	27.5 (2.3)	11.0	sn01ep	(Ia-norm)	0.0336	(0.0054)	28.46	(7.33)	69
SN 2008ar	Ia	Ia-norm	0.0267 (0.0005)	-7.8 (-1.0)	12.5	sn94D	(Ia-norm)	0.0270	(0.0053)	-9.60	(1.30)	2
SN 2008ar	Ia	Ia-norm	0.0283 (0.0053)	3.2 (-1.0)	20.7	sn06cq	(Ia-norm)	0.0257	(0.0028)	1.91	(2.70)	40
SN 2008ar	Ia	Ia-norm	0.0286 (0.0029)	45.6 (-1.0)	5.1	sn02bo	(Ia-norm)	0.0267	(0.0087)	40.60	(3.54)	2
SN 2008ca	Ia	Ia-91bg	0.1418 (0.0000)	...	5.1	sn91bg	(Ia-91bg)	0.1417	(0.0119)	20.20	(0.00)	1
SN 2008cb	Ia	Ia-norm	0.1679 (0.0011)	...	11.5	sn05cf	(Ia-norm)	0.1673	(0.0045)	27.64	(6.71)	18
SN 2008bf	Ia	Ia-norm	0.0210 (0.0017)	...	19.1	sn07fb	(Ia-norm)	0.0217	(0.0030)	39.28	(9.25)	31
SN 2008bf	Ia	Ia-norm	0.0219 (0.0019)	...	11.9	sn01bg	(Ia-norm)	0.0258	(0.0055)	18.91	(13.76)	5
SN 2008bf	Ia	Ia-norm	0.0216 (0.0013)	...	18.7	sn98bu	(Ia-norm)	0.0217	(0.0029)	40.10	(9.33)	47
SN 2008bt	Ia	Ia-91bg	0.0158 (0.0025)	1.5 (1.9)	13.5	sn06cs	(Ia-91bg)	0.0160	(0.0034)	2.41	(1.96)	6
SN 2008bt	Ia	Ia-91bg	0.0159 (0.0018)	...	12.7	sn02fb	(Ia-91bg)	0.0163	(0.0046)	18.60	(5.08)	6
SN 2008bv	Ia	Ia-norm	0.0524 (0.0053)	7.3 (-1.0)	30.0	sn07kk	(Ia-norm)	0.0570	(0.0020)	7.15	(3.99)	40
SN 2008bw	Ia	...	0.0303 (0.0051)	...	28.7	sn92A	(Ia-norm)	0.0393	(0.0021)	17.30	(16.89)	353
SN 2008bz	Ia	Ia-norm	0.0608 (0.0043)	-0.9 (3.0)	20.8	sn02he	(Ia-norm)	0.0639	(0.0026)	0.29	(3.72)	79
SN 2008cd	...	...	...	...	...	...	...	...	...	...	...	...
SN 2008cf	Ia	Ia-99aa	0.0451 (0.0000)	...	10.5	sn08ds	(Ia-99aa)	0.0451	(0.0052)	2.91	(0.00)	1
SN 2008cl	Ia	Ia-norm	0.0638 (0.0048)	-0.2 (2.2)	22.1	sn02he	(Ia-norm)	0.0661	(0.0025)	0.29	(3.63)	91
SN 2008s1 ^e	Ia	Ia-norm	0.0221 (0.0038)	-1.2 (3.0)	21.2	sn04fz	(Ia-norm)	0.0200	(0.0022)	-5.18	(3.27)	46
SN 2008s1 ^e	Ia	Ia-norm	0.0224 (0.0026)	-0.2 (2.9)	18.2	sn04fz	(Ia-norm)	0.0208	(0.0025)	-5.18	(3.35)	49
SN 2008s1 ^e	Ia	Ia-norm	0.0231 (0.0042)	-1.9 (2.6)	29.0	sn04fz	(Ia-norm)	0.0208	(0.0016)	-5.18	(3.07)	46
SN 2008s1 ^e	Ia	Ia-norm	0.0241 (0.0041)	0.6 (2.6)	28.5	sn06dw	(Ia-norm)	0.0241	(0.0018)	1.07	(3.36)	56
SN 2008s1 ^e	Ia	Ia-norm	0.0243 (0.0041)	2.9 (3.5)	28.5	sn07fr	(Ia-norm)	0.0237	(0.0019)	-1.15	(3.25)	44
SN 2008s1 ^e	Ia	Ia-norm	0.0243 (0.0045)	...	30.8	sn07fr	(Ia-norm)	0.0240	(0.0017)	-1.15	(3.05)	45
SN 2008s1 ^e	Ia	Ia-norm	0.0220 (0.0027)	18.9 (-1.0)	26.1	sn04ey	(Ia-norm)	0.0215	(0.0021)	18.90	(4.28)	39
SN 2008s1 ^e	Ia	Ia-norm	0.0215 (0.0013)	...	15.1	sn07fb	(Ia-norm)	0.0235	(0.0039)	32.38	(8.18)	41
SN 2008ct	Ia	Ia-norm	0.0244 (0.0025)	123.6 (-1.0)	9.9	sn94ae	(Ia-norm)	0.0238	(0.0048)	87.80	(32.50)	13
SN 2008db	Ia	Ia-norm	0.0189 (0.0009)	32.4 (6.4)	14.0	sn98bu	(Ia-norm)	0.0192	(0.0038)	28.20	(7.14)	52
SN 2008db	Ia	Ia-norm	0.0204 (0.0016)	...	12.9	sn94ae	(Ia-norm)	0.0196	(0.0037)	70.00	(14.07)	8
SN 2008db	Ia	Ia-norm	0.0199 (0.0023)	...	6.2	sn94ae	(Ia-norm)	0.0191	(0.0075)	87.80	(10.48)	5
SN 2008dx	Ia	Ia-91bg	0.0261 (0.0025)	2.5 (0.9)	21.6	sn91bg	(Ia-91bg)	0.0250	(0.0025)	2.50	(1.29)	8
SN 2008dx	Ia	Ia-91bg	0.0228 (0.0025)	7.8 (1.1)	15.7	sn05ke	(Ia-91bg)	0.0224	(0.0038)	7.82	(5.84)	13
SN 2008dx	Ia	Ia-91bg	0.0243 (0.0013)	14.9 (3.7)	16.5	sn05ke	(Ia-91bg)	0.0234	(0.0036)	9.87	(6.21)	7
SN 2008dx	Ia	Ia-91bg	0.0233 (0.0000)	...	10.6	sn91bg	(Ia-91bg)	0.0233	(0.0054)	29.50	(0.00)	1
SN 2008ds	Ia	Ia-99aa	0.0241 (0.0057)	0.6 (2.4)	12.8	sn05eq	(Ia-99aa)	0.0215	(0.0043)	-2.98	(2.20)	4
SN 2008ds	Ia	...	0.0235 (0.0046)	...	13.8	sn99aa	(Ia-99aa)	0.0359	(0.0044)	2.70	(4.32)	147
SN 2008ds	Ia	Ia-norm	0.0223 (0.0042)	2.4 (-1.0)	16.9	sn95D	(Ia-norm)	0.0195	(0.0034)	6.10	(2.56)	7
SN 2008ds	Ia	Ia-norm	0.0220 (0.0026)	...	26.2	sn04ey	(Ia-norm)	0.0209	(0.0022)	18.90	(4.36)	33
SN 2008ds	Ia	Ia-norm	0.0223 (0.0017)	50.0 (0.8)	28.5	sn94D	(Ia-norm)	0.0221	(0.0018)	50.10	(7.93)	41
SN 2008ds	Ia	Ia-norm	0.0211 (0.0017)	57.1 (5.1)	23.5	sn94D	(Ia-norm)	0.0215	(0.0022)	57.10	(11.42)	33
SN 2008ds	Ia	Ia-norm	0.0210 (0.0011)	59.1 (1.7)	20.1	sn94ae	(Ia-norm)	0.0208	(0.0025)	70.00	(12.52)	22

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Table 7 — Continued

SN Name	Type	Subtype	z_{SNID}^a	t_{SNID}^b	rlap	Best Match ^c						
SN 2008ds	Ia	Ia-norm	0.0196 (0.0013)	72.5 (12.4)	14.4	sn94ae	(Ia-norm)	0.0205	(0.0035)	70.00	(12.21)	7
SN 2008ds	Ia	Ia-norm	0.0194 (0.0011)	92.5 (-1.0)	22.5	sn95D	(Ia-norm)	0.0204	(0.0023)	92.49	(8.26)	8
SN 2008ds	Ia	Ia-norm	0.0191 (0.0010)	87.9 (-1.0)	12.9	sn94ae	(Ia-norm)	0.0209	(0.0039)	87.80	(2.01)	3
SN 2008ds	Ia	Ia-norm	0.0203 (0.0011)	91.3 (6.3)	18.5	sn94D	(Ia-norm)	0.0208	(0.0028)	87.19	(23.90)	18
SN 2008dr	Ia	Ia-norm	0.0296 (0.0043)	-6.9 (1.4)	14.4	sn98ef	(Ia-norm)	0.0400	(0.0043)	-7.93	(4.96)	7
SN 2008dr	Ia	Ia-norm	0.0342 (0.0044)	-1.4 (1.1)	25.8	sn02bo	(Ia-norm)	0.0408	(0.0025)	-1.40	(3.34)	22
SN 2008dr	Ia	Ia-norm	0.0354 (0.0045)	...	22.9	sn06bq	(Ia-norm)	0.0413	(0.0026)	6.69	(3.75)	29
SN 2008dr	Ia	Ia-norm	0.0411 (0.0001)	28.6 (1.1)	12.6	sn02bo	(Ia-norm)	0.0413	(0.0047)	29.70	(1.00)	3
SN 2008dr	Ia	Ia-norm	0.0410 (0.0017)	61.0 (10.9)	17.3	sn99dk	(Ia-norm)	0.0390	(0.0035)	71.83	(10.25)	17
SN 2008dt	Ia	Ia-norm	0.0330 (0.0033)	...	12.3	sn06ev	(Ia-norm)	0.0325	(0.0052)	11.03	(4.84)	6
SN 2008dt	Ia	Ia-norm	0.0380 (0.0006)	27.5 (2.0)	11.4	sn06ej	(Ia-norm)	0.0386	(0.0066)	27.54	(1.81)	3
SN 2008dt	Ia	Ia-norm	0.0380 (0.0007)	44.4 (-1.0)	10.1	sn04eo	(Ia-norm)	0.0375	(0.0056)	44.40	(2.05)	2
SN 2008r3 ^f	Ia	Ia-norm	0.0250 (0.0044)	5.7 (0.8)	32.4	sn98dx	(Ia-norm)	0.0250	(0.0016)	5.50	(3.05)	47
SN 2008r3 ^f	Ia	Ia-norm	0.0233 (0.0031)	12.2 (-1.0)	38.9	sn05be	(Ia-norm)	0.0244	(0.0015)	10.96	(4.10)	47
SN 2008ec	Ia	Ia-norm	0.0188 (0.0045)	1.1 (1.7)	27.5	sn06dw	(Ia-norm)	0.0182	(0.0019)	1.07	(3.23)	51
SN 2008ec	Ia	Ia-norm	0.0196 (0.0055)	6.6 (1.9)	22.9	sn02ha	(Ia-norm)	0.0175	(0.0023)	4.93	(2.55)	30
SN 2008ec	Ia	Ia-norm	0.0187 (0.0031)	15.5 (3.1)	22.4	sn06ev	(Ia-norm)	0.0182	(0.0027)	16.85	(12.94)	31
SN 2008ec	Ia	Ia-norm	0.0176 (0.0016)	33.0 (3.2)	21.1	sn02eu	(Ia-norm)	0.0172	(0.0026)	33.44	(6.53)	55
SN 2008ec	Ia	Ia-norm	0.0161 (0.0012)	39.5 (6.1)	17.2	sn02fk	(Ia-norm)	0.0160	(0.0031)	39.52	(6.09)	21
SN 2008ec	Ia	Ia-norm	0.0174 (0.0018)	41.5 (5.2)	20.3	sn02ha	(Ia-norm)	0.0178	(0.0027)	38.55	(7.75)	55
SN 2008ec	Ia	Ia-norm	0.0174 (0.0015)	...	17.3	sn94ae	(Ia-norm)	0.0169	(0.0029)	70.00	(13.73)	18
SN 2008ee	Ia	Ia-norm	0.0162 (0.0019)	76.3 (-1.0)	19.2	sn04dt	(Ia-norm)	0.0153	(0.0026)	50.61	(14.23)	8
SN 2008ee	Ia	Ia-norm	0.0149 (0.0000)	...	12.8	sn04dt	(Ia-norm)	0.0149	(0.0042)	81.59	(0.00)	1
SN 2008ee	Ia	Ia-norm	0.0146 (0.0009)	...	13.6	sn04dt	(Ia-norm)	0.0139	(0.0039)	81.59	(42.83)	2
SN 2008ei	Ia	Ia-norm	0.0286 (0.0056)	-1.2 (3.3)	28.6	sn02bo	(Ia-norm)	0.0349	(0.0022)	-1.20	(3.29)	19
SN 2008ei	Ia	Ia-norm	0.0296 (0.0031)	6.2 (1.2)	17.4	sn07qe	(Ia-norm)	0.0370	(0.0038)	6.23	(1.15)	6
SN 2008ei	Ia	Ia-norm	0.0338 (0.0017)	13.5 (2.1)	14.3	sn06bq	(Ia-norm)	0.0355	(0.0050)	14.26	(1.86)	7
SN 2008ei	Ia	Ia-norm	0.0373 (0.0012)	28.6 (1.1)	22.2	sn02bo	(Ia-norm)	0.0375	(0.0031)	27.59	(8.11)	56
SN 2008er	Ia	Ia-norm	0.0185 (0.0025)	27.5 (2.0)	14.6	sn01ep	(Ia-norm)	0.0168	(0.0040)	28.46	(5.97)	9
SN 2008ez	Ia	Ia-norm	0.0230 (0.0018)	27.5 (2.9)	13.1	sn02cs	(Ia-norm)	0.0246	(0.0047)	31.28	(2.53)	4
SN 2008ey	Ia	Ia-norm	0.0194 (0.0010)	43.0 (6.3)	15.4	sn99dk	(Ia-norm)	0.0197	(0.0041)	44.20	(7.37)	24
SN 2008s3 ^g	Ia	Ia-norm	0.0423 (0.0016)	27.5 (5.2)	24.3	sn06ej	(Ia-norm)	0.0447	(0.0028)	21.65	(7.89)	86
SN 2008s4 ^h	Ia	Ia-norm	0.0424 (0.0051)	4.9 (2.3)	25.6	sn02ha	(Ia-norm)	0.0394	(0.0021)	4.93	(3.59)	79
SN 2008fg	Ia	Ia-norm	0.0126 (0.0012)	91.1 (3.8)	13.0	sn04ef	(Ia-norm)	0.0104	(0.0046)	84.60	(3.57)	4
SN 2008fj	Ia	Ia-91bg	0.0298 (0.0033)	5.0 (3.0)	19.8	sn91bg	(Ia-91bg)	0.0297	(0.0029)	2.50	(7.05)	11
SN 2008s5 ⁱ	Ia	Ia-99aa	0.0358 (0.0048)	0.7 (0.4)	22.7	sn05eq	(Ia-99aa)	0.0332	(0.0023)	0.66	(0.42)	3
SN 2008s5 ⁱ	Ia	Ia-norm	0.0352 (0.0055)	7.7 (2.4)	17.7	sn95D	(Ia-norm)	0.0327	(0.0032)	6.10	(2.96)	18
SN 2008s5 ⁱ	Ia	Ia-norm	0.0331 (0.0027)	13.7 (2.5)	15.4	sn98bu	(Ia-norm)	0.0335	(0.0036)	14.30	(4.60)	27
SN 2008fr	Ia	Ia-norm	0.0407 (0.0049)	5.0 (-1.0)	43.5	sn02ef	(Ia-norm)	0.0407	(0.0013)	4.80	(3.56)	79
SN 2008fr	Ia	Ia-norm	0.0383 (0.0024)	13.7 (1.7)	22.6	sn90N	(Ia-norm)	0.0385	(0.0027)	14.50	(3.48)	51
SN 2008fr	Ia	Ia-norm	0.0386 (0.0020)	...	23.7	sn94D	(Ia-norm)	0.0401	(0.0022)	14.30	(9.75)	62
SN 2008s8 ^j	Ia	Ia-norm	0.0337 (0.0033)	11.1 (2.9)	19.6	sn06cf	(Ia-norm)	0.0325	(0.0030)	11.12	(2.87)	25
SN 2008s8 ^j	Ia	Ia-norm	0.0375 (0.0031)	...	10.6	sn04dt	(Ia-norm)	0.0308	(0.0047)	50.61	(0.00)	1
SN 2008gs	Ia	...	0.0633 (0.0045)	...	14.8	sn97br	(Ia-91T)	0.0622	(0.0043)	46.13	(14.17)	259
SN 2008fx	Ia	Ia-norm	0.0544 (0.0032)	13.7 (3.2)	18.1	sn90N	(Ia-norm)	0.0546	(0.0038)	14.50	(11.93)	56
SN 2008ge	Ia	Ia-02cx	0.0028 (0.0010)	23.0 (3.5)	15.0	sn02cx	(Ia-02cx)	0.0030	(0.0026)	23.00	(3.43)	9
SN 2008gh	Ia	Ia-norm	0.0253 (0.0034)	8.9 (-1.0)	16.8	sn92A	(Ia-norm)	0.0325	(0.0035)	8.90	(1.65)	4
SN 2008gh	Ia	Ia-91bg	0.0345 (0.0033)	48.2 (5.2)	8.9	sn91bg	(Ia-91bg)	0.0328	(0.0063)	46.50	(7.51)	10
SN 2008gt	Ia	Ia-norm	0.0759 (0.0050)	7.3 (2.5)	11.2	sn94ae	(Ia-norm)	0.0724	(0.0045)	9.40	(2.13)	5
SN 2008gt	Ia	Ia-norm	0.0668 (0.0010)	...	12.2	sn07fs	(Ia-norm)	0.0662	(0.0040)	51.13	(10.51)	6
SN 2008gy	Ia	Ia-norm	0.0290 (0.0023)	21.6 (2.0)	19.9	sn07gk	(Ia-norm)	0.0316	(0.0031)	19.65	(7.00)	30
SN 2008gw	Ia	Ia-norm	0.0645 (0.0021)	16.4 (2.9)	17.5	sn05cf	(Ia-norm)	0.0627	(0.0031)	18.69	(3.56)	35
SN 2008hk	Ia	Ia-norm	0.0318 (0.0025)	16.1 (3.7)	33.0	sn95D	(Ia-norm)	0.0298	(0.0016)	16.10	(3.65)	34
SN 2008ha	II	IIP	0.0069 (0.0040)	71.2 (0.0)	8.8	sn99em	(IIP)	0.0047	(0.0034)	71.20	(0.00)	13
SN 2008ha	II	IIP	0.0054 (0.0024)	70.1 (12.8)	6.1	sn99em	(IIP)	0.0046	(0.0045)	71.20	(0.00)	12
SN 2008ha	II	IIP	0.0060 (0.0016)	-999.0 (0.0)	11.0	sn03iq	(IIP)	0.0069	(0.0021)	-999.00	(0.00)	4
SN 2008hj	Ia	Ia-norm	0.0342 (0.0044)	-6.9 (2.7)	17.0	sn04as	(Ia-norm)	0.0347	(0.0039)	-4.36	(2.15)	18
SN 2008hj	Ia	Ia-norm	0.0376 (0.0048)	2.3 (3.2)	27.8	sn99gd	(Ia-norm)	0.0355	(0.0021)	0.17	(3.89)	87
SN 2008hj	Ia	Ia-norm	0.0371 (0.0015)	...	27.9	sn07af	(Ia-norm)	0.0368	(0.0023)	26.49	(8.82)	112
SN 2008hq	Ia	Ia-norm	0.0744 (0.0045)	...	11.6	sn02er	(Ia-norm)	0.0713	(0.0043)	4.40	(0.00)	1
SN 2008hr	Ia	Ia-norm	0.0833 (0.0046)	-0.5 (2.3)	17.5	sn08ec	(Ia-norm)	0.0810	(0.0028)	-0.24	(3.20)	48
SN 2008hz	Ia	Ia-norm	0.0695 (0.0028)	16.4 (1.5)	15.2	sn92A	(Ia-norm)	0.0795	(0.0033)	16.30	(14.27)	18
SN 2008hu	Ia	Ia-norm	0.0461 (0.0047)	2.7 (-1.0)	31.6	sn06sr	(Ia-norm)	0.0467	(0.0018)	2.73	(3.61)	67
SN 2008hs	Ia	Ia-norm	0.0153 (0.0046)	-0.9 (2.8)	17.7	sn06N	(Ia-norm)	0.0155	(0.0029)	-0.95	(2.90)	23

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Table 7 — Continued

SN Name	Type	Subtype	$z_{\text{SNID}}^{\text{a}}$	$t_{\text{SNID}}^{\text{b}}$	r_{lap}	Best Match ^c
SN 2008hy	Ia	Ia-norm	0.0070 (0.0011)	33.0 (4.9)	20.3	sn95D (Ia-norm) 0.0065 (0.0028) 33.05 (8.28) 59

The entries in this table match one-to-one with the entries in the SN Ia Spectra Information Table.

^aThe redshift uncertainty is in parentheses.

^bPhases of spectra are in rest-frame days. The phase uncertainty is in parentheses. Phase uncertainties of 0 imply that only one template was a “good” match.

^cThe best matching SNID template in the form: “template SN” (subtype) z_{SNID} (error) t_{SNID} (error) N_good_matches

^dAlso known as SNF20071021-000.

^eAlso known as SNF20080514-002.

^fAlso known as ROTSE3 J125642.7+273041.

^gAlso known as SNF20080825-006.

^hAlso known as SNF20080825-010.

ⁱAlso known as SNF20080909-030.

^jAlso known as SNF20080920-000.