

Riess et al. February 2004 Data

This data is taken from Table 5 of <http://arXiv.org/abs/astro-ph/0402512>, to be published as Riess *et al.*, *Astrophysical Journal* June 2004.

The graph shown as Figure 4 of the paper apparently includes all the supernova measured with the HST (Hubble Space Telescope), and all the supernova classified as "gold".

Supernova	z	Distance Modulus	Uncertainty in Distance Modulus	Status	HST
SN 1990T	0.0400	36.38	0.19	gold	
SN 1990af	0.050	36.84	0.21	gold	
SN 1990O	0.0307	35.90	0.20	gold	
SN 1991S	0.0560	37.31	0.18	gold	
SN 1991U	0.0331	35.54	0.20	gold	
SN 1991ag	0.0141	34.13	0.25	gold	
SN 1992J	0.0460	36.35	0.21	gold	
SN 1992P	0.0265	35.64	0.20	gold	
SN 1992aq	0.101	38.73	0.20	gold	
SN 1992ae	0.075	37.77	0.19	gold	
SN 1992au	0.061	37.30	0.22	gold	
SN 1992al	0.0141	34.12	0.25	gold	
SN 1992ag	0.0262	35.06	0.24	gold	
SN 1992bl	0.0430	36.53	0.19	gold	
SN 1992bh	0.0450	36.97	0.18	gold	
SN 1992bg	0.036	36.17	0.19	gold	
SN 1992bk	0.058	37.13	0.19	gold	
SN 1992bs	0.063	37.67	0.19	gold	
SN 1992bc	0.0186	34.96	0.22	gold	
SN 1992bp	0.079	37.94	0.18	gold	
SN 1992br	0.088	38.07	0.28	gold	
SN 1992bo	0.0178	34.70	0.23	gold	
SN 1993B	0.071	37.78	0.19	gold	
SN 1993H	0.0251	35.09	0.21	gold	
SN 1993O	0.052	37.16	0.18	gold	
SN 1993ah	0.0286	35.53	0.21	gold	

SN 1993ac	0.0490	36.90	0.20	gold
SN 1993ag	0.050	37.08	0.19	gold
SN 1993ae	0.0180	34.29	0.23	gold
SN 1994B	0.089	38.50	0.17	silver
SN 1994C	0.051	36.67	0.16	silver
SN 1994M	0.0244	35.09	0.20	gold
SN 1994Q	0.0290	35.70	0.19	gold
SN 1994S	0.0161	34.50	0.24	gold
SN 1994T	0.0360	36.01	0.20	gold
SN 1995E	0.0116	32.96	0.29	silver
SN 1995K	0.478	42.48	0.23	gold
SN 1995M	0.053	37.17	0.15	silver
SN 1995ap	0.230	40.44	0.46	silver
SN 1995ao	0.300	40.76	0.60	silver
SN 1995ae	0.067	37.54	0.34	silver
SN 1995az	0.450	42.13	0.21	gold
SN 1995ay	0.480	42.37	0.20	gold
SN 1995ax	0.615	42.85	0.23	gold
SN 1995aw	0.400	42.04	0.19	gold
SN 1995as	0.498	43.21	0.24	silver
SN 1995ar	0.465	42.81	0.22	silver
SN 1995ac	0.0490	36.52	0.20	gold
SN 1995ak	0.0219	34.70	0.22	gold
SN 1995ba	0.3880	42.07	0.19	gold
SN 1995bd	0.0152	34.11	0.25	gold
SN 1996C	0.0276	35.90	0.20	gold
SN 1996E	0.425	41.70	0.40	gold
SN 1996H	0.620	43.11	0.30	gold
SN 1996I	0.570	42.81	0.25	gold
SN 1996J	0.300	41.01	0.25	gold
SN 1996K	0.380	42.02	0.22	gold
SN 1996R	0.160	39.08	0.40	silver
SN 1996T	0.240	40.68	0.43	silver
SN 1996U	0.430	42.33	0.34	gold
SN 1996V	0.0247	35.33	0.25	silver
SN 1996ab	0.124	39.20	0.22	gold
SN 1996bo	0.0165	33.82	0.27	gold
SN 1996bv	0.0167	34.21	0.23	gold
SN 1996bl	0.0348	36.17	0.19	gold
SN 1996cg	0.490	42.58	0.19	silver
SN 1996cm	0.450	42.58	0.19	silver
SN 1996cl	0.828	43.96	0.46	gold
SN 1996ci	0.495	42.25	0.19	gold

SN 1996cf	0.570	42.77	0.19	silver	
SN 1997E	0.0132	34.02	0.26	gold	
SN 1997F	0.580	43.04	0.21	gold	
SN 1997H	0.526	42.56	0.18	gold	
SN 1997I	0.172	39.79	0.18	gold	
SN 1997N	0.180	39.98	0.18	gold	
SN 1997P	0.472	42.46	0.19	gold	
SN 1997Q	0.430	41.99	0.18	gold	
SN 1997R	0.657	43.27	0.20	gold	
SN 1997Y	0.0166	34.54	0.23	gold	
SN 1997ai	0.450	42.10	0.23	gold	
SN 1997ac	0.320	41.45	0.18	gold	
SN 1997aj	0.581	42.63	0.19	gold	
SN 1997aw	0.440	42.57	0.40	gold	
SN 1997as	0.508	41.64	0.35	gold	
SN 1997am	0.416	42.10	0.19	gold	
SN 1997ap	0.830	43.85	0.19	gold	
SN 1997af	0.579	42.86	0.19	gold	
SN 1997bh	0.420	41.76	0.23	gold	
SN 1997bb	0.518	42.83	0.30	gold	
SN 1997bj	0.334	40.92	0.30	gold	
SN 1997ck	0.970	44.13	0.38	silver	
SN 1997cn	0.0175	34.52	0.25	gold	
SN 1997cj	0.500	42.74	0.20	gold	
SN 1997ce	0.440	42.08	0.19	gold	
SN 1997dg	0.0297	36.12	0.20	gold	
SN 1997do	0.0104	33.73	0.33	gold	
SN 1997ez	0.778	43.81	0.35	gold	
SN 1997ek	0.860	44.03	0.30	gold	
SN 1997eq	0.538	42.66	0.18	gold	
SN 1997ff	1.755	45.53	0.35	gold	Yes
SN 1998I	0.886	42.91	0.81	gold	
SN 1998J	0.828	43.61	0.61	gold	
SN 1998M	0.630	42.62	0.24	gold	
SN 1998V	0.0170	34.47	0.23	gold	
SN 1998ac	0.460	41.83	0.40	gold	
SN 1998ay	0.638	43.30	0.36	silver	
SN 1998bi	0.740	43.35	0.30	gold	
SN 1998be	0.644	42.78	0.26	silver	
SN 1998ba	0.430	42.36	0.25	gold	
SN 1998bp	0.0104	33.21	0.32	gold	
SN 1998co	0.0171	34.68	0.24	gold	
SN 1998cs	0.0327	36.08	0.19	gold	

SN 1998dx	0.053	36.97	0.18	gold
SN 1998ef	0.0170	34.18	0.23	gold
SN 1998eg	0.0234	35.36	0.20	gold
SN 1999Q	0.460	42.56	0.27	gold
SN 1999U	0.500	42.75	0.19	gold
SN 1999X	0.0257	35.41	0.20	gold
SN 1999aa	0.0157	34.58	0.24	gold
SN 1999cc	0.0316	35.85	0.19	gold
SN 1999cp	0.0104	33.56	0.31	gold
SN 1999da	0.0121	34.05	0.32	silver
SN 1999dk	0.0141	34.43	0.26	gold
SN 1999dq	0.0136	33.73	0.26	gold
SN 1999ef	0.0380	36.67	0.18	gold
SN 1999fw	0.278	41.00	0.41	gold
SN 1999fk	1.056	44.25	0.23	gold
SN 1999fm	0.949	43.99	0.25	gold
SN 1999fj	0.815	43.76	0.33	gold
SN 1999ff	0.455	42.29	0.28	gold
SN 1999fv	1.19	44.19	0.34	gold
SN 1999fh	0.369	41.62	0.31	silver
SN 1999fn	0.477	42.38	0.21	gold
SN 1999gp	0.0260	35.62	0.20	gold
SN 2000B	0.0193	34.59	0.23	gold
SN 2000bk	0.0266	35.36	0.21	gold
SN 2000cf	0.0360	36.39	0.18	gold
SN 2000cn	0.0233	35.14	0.21	gold
SN 2000ce	0.0164	34.47	0.23	silver
SN 2000dk	0.0164	34.41	0.24	gold
SN 2000dz	0.500	42.75	0.24	gold
SN 2000eh	0.490	42.41	0.25	gold
SN 2000ee	0.470	42.74	0.23	gold
SN 2000eg	0.540	41.96	0.41	gold
SN 2000ea	0.420	40.79	0.32	silver
SN 2000ec	0.470	42.77	0.21	gold
SN 2000fr	0.543	42.68	0.19	gold
SN 2000fa	0.0218	35.06	0.21	gold
SN 2001V	0.0162	34.13	0.23	gold
SN 2001fs	0.873	43.75	0.38	gold
SN 2001fo	0.771	43.12	0.17	gold
SN 2001hy	0.811	43.97	0.35	gold
SN 2001hx	0.798	43.88	0.31	gold
SN 2001hs	0.832	43.55	0.29	gold
SN 2001hu	0.882	43.90	0.30	gold

SN 2001iw	0.340	40.71	0.27	gold	
SN 2001iv	0.397	40.89	0.30	gold	
SN 2001iy	0.570	42.88	0.31	gold	
SN 2001ix	0.710	43.05	0.32	gold	
SN 2001jp	0.528	42.77	0.25	gold	
SN 2001jh	0.884	44.23	0.19	gold	
SN 2001jb	0.698	43.33	0.32	silver	
SN 2001jf	0.815	44.09	0.28	gold	
SN 2001jm	0.977	43.91	0.26	gold	
SN 2001kd	0.935	43.99	0.38	silver	
SN 2002P	0.719	43.22	0.26	silver	
SN 2002ab	0.422	42.02	0.17	silver	
SN 2002ad	0.514	42.39	0.27	silver	
SN 2002dc	0.475	42.14	0.19	gold	
SN 2002dd	0.95	44.06	0.26	gold	
SN 2002fw	1.30	45.27	0.19	gold	Yes
SN 2002fx	1.40	45.09	0.45	silver	Yes
SN 2002hr	0.526	43.01	0.27	gold	Yes
SN 2002hp	1.305	44.70	0.22	gold	Yes
SN 2002kc	0.216	40.33	0.18	silver	Yes
SN 2002kd	0.735	43.09	0.19	gold	Yes
SN 2002ki	1.140	44.84	0.30	gold	Yes
SN 2003az	1.265	45.20	0.20	gold	Yes
SN 2003ak	1.551	45.30	0.22	gold	Yes
SN 2003bd	0.67	43.19	0.28	gold	Yes
SN 2003be	0.64	43.07	0.21	gold	Yes
SN 2003dy	1.340	45.05	0.25	gold	Yes
SN 2003es	0.954	44.28	0.31	gold	Yes
SN 2003eq	0.839	43.86	0.22	gold	Yes
SN 2003eb	0.899	43.64	0.25	gold	Yes
SN 2003lv	0.94	43.87	0.20	gold	Yes