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Table 8. Radial velocities (corrected for gravitational redshift), proper motions, and spectroscopic distances (with errors) of the 398 SPY white dwarfs. The * indicates stars with only one spectrum

star	$v_{\rm rad}$ km s^{-1}	$\mu_\alpha \cos\delta$ mas yr^{-1}	μ_δ mas yr^{-1}	d pc	log d pc
EC 12489–2750	24.8±17.9	−7±3	−16±3	431.5	2.63±0.05
EC 13123–2523	16.1±6.7	−13±4	9±7	572.0	2.76±0.05
HE 0032–2744	30.6±4.2	31±5	−40±3	183.2	2.26±0.04
HE 0043–0318	46.3±3.3	11±6	−68±7	63.4	1.80±0.04
HE 0049–0940	13.2±2.8	87±11	−8±11	99.0	2.00±0.04
HE 0103–3253	17.1±3.6	72±4	64±3	94.1	1.97±0.04
HE 0106–3253	26.7±3.8	29±8	−20±2	66.5	1.82±0.04
HE 0138–4014	22.5±4.5	−3±12	−75±10	172.1	2.24±0.03
HE 0145–0610	24.1±5.9	106±3	−2±3	47.8	1.68±0.04
HE 0152–5009	35.8±3.0	14±12	32±9	106.2	2.03±0.04
HE 0201–0513	−7.9±4.5*	161±5	−174±4	174.6	2.24±0.03
HE 0204–3821	12.6±3.4	2±13	−15±9	73.2	1.86±0.04
HE 0204–4213	−4.9±4.6	−60±10	−56±8	159.7	2.20±0.04
HE 0210–2012	12.5±3.6	34±4	49±4	120.2	2.08±0.04
HE 0222–2630	34.2±4.2	28±4	21±4	111.4	2.05±0.03
HE 0245–0008	47.1±5.2*	121±3	−35±4	136.0	2.13±0.04
HE 0246–5449	11.0±3.7	35±8	12±6	121.0	2.08±0.04
HE 0257–2104	14.1±3.7	−77±3	−61±4	132.7	2.12±0.04
HE 0300–2313	11.8±6.3	19±5	−12±5	69.1	1.84±0.04
HE 0308–2305	6.5±7.1	−20±5	−43±4	58.1	1.76±0.03
HE 0317–2120	14.1±4.7	42±5	−33±6	43.8	1.64±0.04
HE 0324–0646	11.4±4.2	47±3	−72±3	85.8	1.93±0.03
HE 0324–2234	27.5±4.1	29±9	35±8	119.7	2.08±0.04
HE 0330–4736	15.0±4.2	−23±12	48±8	77.5	1.89±0.03
HE 0333–2201	16.8±4.5	−65±3	−56±5	59.1	1.77±0.03
HE 0336–0741	39.2±4.5	114±6	−99±5	88.6	1.95±0.04
HE 0338–3025	−24.9±5.3	−67±3	−151±3	50.5	1.70±0.04
HE 0348–2404	23.2±3.7	11±4	8±5	94.4	1.98±0.04
HE 0348–4445	23.9±5.0	−4±10	28±6	119.4	2.08±0.03
HE 0349–2537	−9.8±4.3	−2±10	−30±11	108.9	2.04±0.04
HE 0358–5127	14.1±4.3	−4±8	2±7	120.6	2.08±0.04
HE 0403–4129	7.7±5.0	−24±5	10±9	145.4	2.16±0.03
HE 0404–1852	21.5±4.0*	28±3	2±4	130.9	2.12±0.04
HE 0409–5154	47.0±4.5	42±17	−132±17	146.2	2.16±0.04
HE 0416–1034	42.7±3.9	−38±70	89±70	137.9	2.14±0.04
HE 0418–1021	22.8±5.6	26±3	0±3	118.6	2.07±0.03
HE 0418–5326	−12.4±5.8	−19±8	21±7	217.2	2.34±0.04
HE 0425–2015	18.4±5.5	−9±4	−10±4	127.8	2.11±0.04
HE 0426–0455	−3.9±3.8	−59±3	60±7	47.5	1.68±0.03
HE 0426–1011	47.3±3.6	104±3	−34±3	109.8	2.04±0.04
HE 0436–1633	−0.4±4.0	−29±10	−132±7	89.2	1.95±0.03
HE 0452–3429	37.5±3.7	−1±2	7±2	94.2	1.97±0.03
HE 0452–3444	2.7±3.9	172±8	−133±3	122.6	2.09±0.04
HE 0456–2347	17.5±4.7	−2±3	−38±4	191.4	2.28±0.04
HE 0507–1855	17.2±6.2	−16±5	−2±5	116.5	2.07±0.03
HE 0508–2343	101.2±3.8	68±4	82±2	124.2	2.09±0.03
HE 0532–5605	79.7±7.9	17±7	8±5	61.0	1.79±0.04
HE 1012–0049	−2.6±4.7	6±5	11±4	99.5	2.00±0.04
HE 1053–0914	7.0±4.2	−3±4	−20±3	194.5	2.29±0.04
HE 1117–0222	17.3±3.7	−132±4	−13±4	38.2	1.58±0.04
HE 1124+0144	54.3±3.5	−167±3	51±3	133.0	2.12±0.04
HE 1152–1244	12.3±3.3	−31±4	−23±9	88.8	1.95±0.04
HE 1215+0227	5.1±10.8	−25±4	−11±3	371.1	2.57±0.06
HE 1225+0038	−24.0±4.7	−49±3	98±3	28.8	1.46±0.04
HE 1233–0519	−19.4±24.4	26±5	−16±6	89.9	1.95±0.04
HE 1252–0202	−0.2±4.4	−9±3	−52±3	123.7	2.09±0.04
HE 1258+0123	16.0±7.2	38±5	14±4	79.5	1.90±0.04
HE 1307–0059	27.1±4.2	−82±46	−61±46	98.8	1.99±0.03
HE 1315–1105	−2.4±5.2	−145±6	5±5	39.5	1.60±0.04
HE 1325–0854	−22.1±3.2	6±6	−26±5	70.5	1.85±0.04
HE 1326–0041	5.0±4.3	24±4	−49±3	131.7	2.12±0.04
HE 1328–0535	−21.1±15.0	−38±6	−15±4	246.2	2.39±0.04
HE 1335–0332	6.2±7.3	−65±3	19±5	109.2	2.04±0.03

Table 8. Radial velocities (corrected for gravitational redshift), proper motions, and spectroscopic distances (with errors) of the 398 SPY white dwarfs. The * indicates stars with only one spectrum, continued from previous page

star	$v_{\rm rad}$ km s^{-1}	$\mu_\alpha \cos\delta$ mas yr^{-1}	μ_δ mas yr^{-1}	d pc	log d pc
HE 1441−0047	−7.3±7.0	36±4	20±5	107.6	2.03±0.04
HE 1518−0020	10.9±3.7	−97±5	−118±6	73.0	1.86±0.04
HE 1518−0344	2.7±5.5	−12±7	−36±4	203.9	2.31±0.04
HE 2133−1332	−11.9±3.2	259±7	−141±6	23.3	1.37±0.04
HE 2135−4055	39.6±3.8*	−140±4	44±4	33.2	1.52±0.03
HE 2140−1825	−14.8±3.2	−12±3	−39±3	90.3	1.96±0.04
HE 2203−0101	2.1±3.7	−5±3	−18±3	100.8	2.00±0.03
HE 2205−1355	−1.9±5.7	36±3	−7±4	64.2	1.81±0.04
HE 2218−2706	−55.6±3.3	86±4	64±5	54.6	1.74±0.03
HE 2220−0633	20.2±3.5	−116±20	−51±5	90.3	1.96±0.04
HE 2221−1630	6.9±4.7	−8±6	−108±6	52.5	1.72±0.04
HE 2230−1230	−6.8±3.7	64±4	31±5	142.1	2.15±0.03
HE 2231−2647	−34.9±3.4	53±3	1±3	92.8	1.97±0.04
HE 2251−6218	−0.9±3.8	58±8	−7±8	105.3	2.02±0.04
HE 2334−1355	7.4±3.3	−4±4	−32±4	257.5	2.41±0.05
HE 2347−4608	38.7±2.7	−22±7	−52±12	164.6	2.22±0.04
HE 2356−4513	29.0±3.4	−47±7	−15±1	78.4	1.89±0.03
HS 0129+1041	33.3±4.1	98±6	−8±4	80.0	1.90±0.03
HS 0145+1737	−2.3±4.0	61±11	2±11	91.2	1.96±0.03
HS 0223+1211	−63.6±5.5*	−22±4	−22±4	120.3	2.08±0.04
HS 0225+0010	−7.9±4.6	13±3	−30±3	70.4	1.85±0.04
HS 0241+1411	−5.7±5.1*	−22±4	15±5	94.8	1.98±0.04
HS 0315+0858	21.6±3.7	56±4	−4±4	107.0	2.03±0.04
HS 0325+2142	43.5±4.0*	91±4	−90±4	56.6	1.75±0.04
HS 0329+1121	−17.1±4.9*	4±8	18±6	95.4	1.98±0.04
HS 0331+2240	13.6±4.7*	−24±4	114±4	89.7	1.95±0.03
HS 0337+0939	46.3±5.0*	6±5	12±4	82.3	1.92±0.04
HS 0344+0944	12.4±5.9*	−22±5	−26±4	94.1	1.97±0.03
HS 0345+1324	24.4±6.7*	−24±4	4±4	117.6	2.07±0.04
HS 0400+1451	49.2±4.6	40±4	6±4	50.2	1.70±0.04
HS 0412+0632	16.3±3.0	65±5	−107±4	74.3	1.87±0.04
HS 0820+2503	51.4±7.6*	−140±4	−110±5	157.9	2.20±0.05
HS 0929+0839	13.2±5.1*	−78±4	−2±4	91.6	1.96±0.04
HS 0944+1913	39.7±3.7*	−120±4	−22±4	74.5	1.87±0.04
HS 0949+0935	15.4±4.4	−50±4	−12±5	138.9	2.14±0.04
HS 1013+0321	8.4±4.2	16±4	−125±4	55.2	1.74±0.04
HS 1043+0258	0.4±4.5*	−26±12	22±12	73.0	1.86±0.03
HS 1053+0844	4.6±4.1	−34±4	−12±4	130.2	2.11±0.04
HS 1144+1517	10.1±4.2	−90±4	14±5	98.6	1.99±0.04
HS 1153+1416	−14.4±5.9*	−75±24	−116±55	88.8	1.95±0.04
HS 1204+0159	4.0±4.9	−7±3	−21±7	209.2	2.32±0.04
HS 1305+0029	16.0±3.9	−93±5	−38±7	96.5	1.98±0.04
HS 1338+0807	55.6±4.4	24±4	−90±4	175.8	2.25±0.04
HS 1410+0809	18.7±7.5*	17±3	−5±4	55.9	1.75±0.04
HS 1430+1339	−33.6±5.9	−46±4	−12±4	44.5	1.65±0.04
HS 1432+1441	52.7±3.5	39±10	−149±10	103.2	2.01±0.04
HS 1447+0454	−27.0±3.3	−64±4	2±6	70.7	1.85±0.04
HS 1517+0814	25.4±3.4	75±10	−70±10	87.0	1.94±0.04
HS 1527+0614	41.3±3.5	−78±6	−666±41	87.3	1.94±0.04
HS 1614+1136	−12.2±5.0*	−52±4	−18±4	92.6	1.97±0.04
HS 1616+0247	−16.4±4.1	−27±5	−5±5	109.0	2.04±0.04
HS 1641+1124	8.8±3.8	−32±4	−26±6	82.3	1.92±0.04
HS 1646+1059	−11.2±3.8	24±4	−70±4	131.4	2.12±0.04
HS 1648+1300	−54.1±3.9	38±4	28±4	90.7	1.96±0.04
HS 2058+0823	−25.3±5.9	16±4	16±3	144.0	2.16±0.04
HS 2132+0941	−25.4±3.4	−58±4	−46±4	79.2	1.90±0.04
HS 2138+0910	−51.0±3.7	32±4	−108±4	46.1	1.66±0.04
HS 2148+1631	−18.2±3.7	94±4	−48±4	98.9	2.00±0.04
HS 2210+2323	6.9±5.5	26±4	−6±4	97.5	1.99±0.03
HS 2225+2158	−7.6±4.3	−60±5	−46±4	114.4	2.06±0.04
HS 2229+2335	−39.8±4.0	90±4	0±8	91.6	1.96±0.04
HS 2233+0008	12.1±3.8	−99±4	−67±4	52.0	1.72±0.03
HS 2259+1419	−49.6±3.5	8±4	46±4	76.4	1.88±0.04

Table 8. Radial velocities (corrected for gravitational redshift), proper motions, and spectroscopic distances (with errors) of the 398 SPY white dwarfs. The* indicates stars with only one spectrum, continued from previous page

star	$v_{\rm rad}$ km s^{-1}	$\mu_\alpha \cos\delta$ mas yr^{-1}	μ_δ mas yr^{-1}	d pc	log d pc
MCT 0105–1634	3.2±5.9	11±4	−46±7	315.2	2.50±0.05
MCT 0110–1617	27.6±8.8	3±24	6±7	318.3	2.50±0.05
MCT 2343–1740	−0.0±6.8	6±8	22±10	141.3	2.15±0.04
MCT 2345–3940	−19.8±4.2	85±3	−1±2	124.4	2.09±0.03
MCT 2349–3627	15.1±15.6	16±6	−34±4	400.5	2.60±0.06
WD 0000–186	2.1±4.0	−59±5	−89±4	110.8	2.04±0.04
WD 0005–163	−11.4±4.1	163±6	−62±6	90.8	1.96±0.03
WD 0011+000	−11.1±5.7	415±3	−185±3	36.6	1.56±0.04
WD 0013–241	−6.4±3.7	−148±8	2±9	86.9	1.94±0.04
WD 0016–220	−6.2±3.5	−50±5	−56±2	68.0	1.83±0.04
WD 0016–258	15.5±7.0	−35±6	−71±7	66.5	1.82±0.04
WD 0018–339	12.3±3.4	208±11	−18±10	69.7	1.84±0.04
WD 0029–181	21.5±3.8	107±10	−64±12	85.5	1.93±0.04
WD 0032–175	−3.0±4.4	608±19	4±6	31.7	1.50±0.04
WD 0032–177	−8.1±3.8	181±21	27±13	94.3	1.97±0.03
WD 0033+016	−2.8±8.4	−147±7	−364±4	29.6	1.47±0.04
WD 0047–524	10.0±2.9	127±11	34±9	53.8	1.73±0.04
WD 0048+202	5.5±3.6	88±4	−14±4	86.1	1.93±0.04
WD 0052–147	13.8±5.2	25±4	−15±5	78.3	1.89±0.04
WD 0101+048	3.2±5.0*	320±4	232±4	14.7	1.17±0.04
WD 0102–142	−6.3±3.8	42±3	42±10	122.4	2.09±0.04
WD 0103–278	22.3±3.6	252±4	−68±4	70.0	1.85±0.04
WD 0106–358	35.5±2.1	−40±14	−53±4	94.9	1.98±0.04
WD 0108+143	16.0±7.7	290±6	−74±4	36.8	1.57±0.04
WD 0110–139	10.8±4.8	−3±4	−16±5	128.3	2.11±0.04
WD 0114–605	40.9±3.8	138±10	18±7	103.0	2.01±0.04
WD 0124–257	12.0±4.4	65±3	−90±4	128.6	2.11±0.03
WD 0126+101	−16.4±3.7	−144±4	−382±4	24.9	1.40±0.04
WD 0127–050	−19.8±3.5	−204±12	−243±23	34.7	1.54±0.04
WD 0129–205	60.3±1.4	157±4	9±5	63.0	1.80±0.04
WD 0137–291	7.7±4.4	43±3	−8±3	151.2	2.18±0.04
WD 0138–236	−7.2±28.6	10±4	−18±6	296.0	2.47±0.04
WD 0140–392	25.6±4.2	142±12	71±10	56.6	1.75±0.04
WD 0143+216	−36.1±6.7*	−178±4	−124±4	25.2	1.40±0.04
WD 0145–221	22.9±7.5	74±9	−37±9	46.2	1.66±0.04
WD 0148–255J	15.2±4.0	137±9	−97±18	77.7	1.89±0.04
WD 0151+017	40.4±3.6	331±13	−3±9	54.0	1.73±0.04
WD 0155+069	−15.7±3.7	−90±3	32±3	111.4	2.05±0.03
WD 0204–233	76.2±3.8	189±5	−118±4	78.5	1.90±0.04
WD 0205–136J	22.1±10.8	−9±4	−18±3	269.0	2.43±0.05
WD 0205–304	56.1±3.7	158±5	−31±4	92.9	1.97±0.04
WD 0205–365	30.7±6.9	1±5	−5±3	559.7	2.75±0.05
WD 0208–263	51.0±6.4	40±6	−0±7	215.3	2.33±0.04
WD 0209+085	52.0±6.9*	78±3	−24±3	101.1	2.00±0.05
WD 0212–231	14.7±5.0	40±5	24±4	190.1	2.28±0.04
WD 0226–329	−3.2±3.2	−65±11	−229±11	49.4	1.69±0.04
WD 0227+050	−5.7±2.9	73±3	−25±3	26.2	1.42±0.04
WD 0229–481	9.0±7.1	48±9	−27±16	196.6	2.29±0.05
WD 0231–054	20.4±7.8	245±4	92±3	29.0	1.46±0.04
WD 0242–174	13.5±3.5	28±3	7±3	91.4	1.96±0.04
WD 0243+155	0.1±4.8*	−20±4	−24±4	123.1	2.09±0.04
WD 0250–007	−1.1±6.8*	91±4	−23±4	40.6	1.61±0.04
WD 0250–026	33.9±3.4	−39±9	19±12	53.8	1.73±0.03
WD 0252–350	87.0±2.9	46±7	−338±7	136.9	2.14±0.04
WD 0255–705	49.9±5.3	883±85	−401±85	25.0	1.40±0.04
WD 0302+027	6.2±9.3	−48±13	−141±31	134.3	2.13±0.05
WD 0308+188	17.6±3.1	30±4	−108±4	45.8	1.66±0.04
WD 0310–688	33.8±3.2	38±3	−105±3	11.3	1.05±0.04
WD 0317+196	38.1±3.9*	14±3	−28±5	90.3	1.96±0.04
WD 0318–021	13.6±3.9	43±3	61±4	80.5	1.91±0.04
WD 0320–539	38.1±5.1	9±9	−66±7	145.3	2.16±0.05
WD 0336+040	40.0±7.0*	124±4	−74±4	42.3	1.63±0.04
WD 0339–035	49.9±4.6	226±6	42±3	54.7	1.74±0.04

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star	$v_{\rm rad}$ km s^{-1}	$\mu_\alpha \cos\delta$ mas yr^{-1}	μ_δ mas yr^{-1}	d pc	log d pc
WD 0352+096	46.3±4.2	168±4	4±4	38.7	1.59±0.04
WD 0408–041	−7.6±4.2	4±7	−125±8	73.3	1.87±0.03
WD 0416–550	24.2±3.7	47±8	11±6	226.6	2.36±0.05
WD 0431+126	43.5±4.0	97±3	−13±3	50.8	1.71±0.04
WD 0437+152	10.8±3.0	−14±4	−38±4	153.2	2.19±0.04
WD 0455–282	49.2±11.5	56±2	10±3	115.9	2.06±0.05
WD 0507+045.1	5.6±3.9	−2±4	−94±4	30.4	1.48±0.04
WD 0509–007	17.2±3.8	−73±7	53±5	116.7	2.07±0.05
WD 0548+000	74.6±9.3	56±4	−54±4	184.1	2.27±0.06
WD 0549+158	12.0±3.4	76±3	−172±3	60.3	1.78±0.05
WD 0556+172	46.1±4.6	−2±4	−16±4	86.1	1.93±0.04
WD 0558+165	40.7±4.6	−48±8	−26±4	71.7	1.86±0.03
WD 0612+177	22.9±3.2	−63±3	−353±3	47.8	1.68±0.04
WD 0642–285	13.1±4.9*	−130±17	−130±12	35.5	1.55±0.04
WD 0710+216	8.3±3.9	−115±3	−137±4	44.5	1.65±0.04
WD 0715–704J	−2.3±5.9	−84±9	90±8	119.0	2.08±0.04
WD 0732–427	62.3±3.7	66±14	673±14	37.3	1.57±0.04
WD 0839–327	29.3±2.9	−1100±9	1340±8	8.6	0.94±0.04
WD 0852+192	−2.7±4.1	−54±4	−20±4	75.8	1.88±0.03
WD 0858+160	47.9±3.8*	−96±4	82±4	94.6	1.98±0.04
WD 0908+171	0.1±3.8	−38±4	−2±4	116.0	2.06±0.04
WD 0911–076	33.3±3.8	−67±3	−8±5	120.5	2.08±0.04
WD 0937–103	9.7±6.7	−29±3	−66±3	70.2	1.85±0.03
WD 0939–153	23.6±4.1	−16±6	14±7	95.3	1.98±0.04
WD 0950+077	−2.5±3.4	44±4	−88±4	103.1	2.01±0.04
WD 0951–155	7.8±3.8	−86±4	100±7	120.3	2.08±0.04
WD 0954+134	−6.7±4.5	19±10	−37±10	135.5	2.13±0.04
WD 0955+247	16.0±4.8	−268±4	−317±5	25.0	1.40±0.04
WD 0956+020	39.6±3.4	64±6	−1±3	89.4	1.95±0.04
WD 0956+045	44.1±3.8	26±6	−144±11	105.8	2.02±0.04
WD 1000–001	51.2±4.1	−49±3	−14±3	134.6	2.13±0.04
WD 1003–023	5.4±3.9	−112±3	50±3	90.0	1.95±0.04
WD 1010+043	33.6±5.7	46±4	−46±4	224.8	2.35±0.04
WD 1013–010	144.6±4.7*	−462±120	22±32	30.2	1.48±0.04
WD 1015+076	−19.9±9.2*	−7±4	−19±5	126.3	2.10±0.04
WD 1015+161	38.3±3.7	−108±4	−64±4	94.7	1.98±0.04
WD 1015–216	−11.2±5.3	−14±3	−19±3	172.2	2.24±0.04
WD 1017+125	−13.4±4.0	−19±4	−16±4	111.0	2.05±0.04
WD 1019+129	43.3±3.8	−72±4	−44±4	92.4	1.97±0.03
WD 1020–207	55.3±3.5	−73±5	−26±5	83.4	1.92±0.04
WD 1022+050	89.7±3.1*	−136±4	16±4	43.3	1.64±0.04
WD 1026+023	−9.2±3.3	−101±12	−77±3	37.7	1.58±0.04
WD 1036+085	9.0±3.7	12±4	−42±4	208.2	2.32±0.04
WD 1049–158	22.5±5.1	−155±7	35±6	42.2	1.63±0.04
WD 1053–290	−10.3±5.1	138±5	−75±4	50.1	1.70±0.04
WD 1053–550	−3.0±3.2	−296±15	222±15	43.2	1.64±0.03
WD 1102–183	23.9±5.0	134±3	−56±7	39.7	1.60±0.04
WD 1105–048	25.4±3.0	−62±4	−446±5	24.2	1.38±0.04
WD 1116+026	21.6±4.0*	−92±4	31±4	43.0	1.63±0.03
WD 1122–324	−17.9±3.7	−96±4	21±6	128.0	2.11±0.04
WD 1124–293	−2.7±4.3	218±4	−271±5	33.6	1.53±0.04
WD 1125–025	18.2±7.7	−53±5	−5±3	118.4	2.07±0.05
WD 1126–222	29.7±7.4	−162±4	−40±5	93.3	1.97±0.04
WD 1129+155	4.6±3.8	52±4	−46±4	39.3	1.59±0.04
WD 1130–125	5.0±6.1	−95±4	−39±3	50.7	1.71±0.03
WD 1144–246	−14.5±3.7	−36±3	−9±3	271.6	2.43±0.04
WD 1145+187	21.3±3.3	22±4	74±4	77.9	1.89±0.04
WD 1150–153	2.6±4.7	−34±6	−59±3	84.3	1.93±0.04
WD 1152–287	76.1±4.5	−60±5	−2±2	174.6	2.24±0.04
WD 1155–243	22.0±3.9	−85±5	−55±5	116.3	2.07±0.04
WD 1159–098	−4.8±7.5	−179±7	−106±3	32.7	1.51±0.04
WD 1201–001	13.0±5.2	−97±4	−26±4	63.7	1.80±0.04
WD 1202–232	−13.2±4.3	43±7	219±5	10.0	1.00±0.04

Table 8. Radial velocities (corrected for gravitational redshift), proper motions, and spectroscopic distances (with errors) of the 398 SPY white dwarfs. The * indicates stars with only one spectrum, continued from previous page

star	$v_{\rm rad}$ km s^{-1}	$\mu_\alpha \cos\delta$ mas yr^{-1}	μ_δ mas yr^{-1}	d pc	log d pc
WD 1207–157	−12.9±3.8	−72±6	−2±8	140.2	2.15±0.04
WD 1216+036	14.2±3.6	12±5	−82±4	89.4	1.95±0.04
WD 1220–292	−5.8±3.5	37±5	−45±5	96.3	1.98±0.04
WD 1230–308	6.4±5.6	32±2	−20±2	93.9	1.97±0.04
WD 1231–141	−17.1±3.9	−86±3	−10±4	105.7	2.02±0.03
WD 1233–164	19.7±5.3	−91±6	−56±5	74.4	1.87±0.04
WD 1236–495	−21.1±8.6	−557±22	−94±24	15.3	1.19±0.04
WD 1237–028	−3.1±6.7	−200±9	24±29	41.7	1.62±0.04
WD 1241+235	−18.1±4.4	20±4	−4±4	115.9	2.06±0.04
WD 1244–125	3.3±4.3	−200±5	28±8	48.8	1.69±0.04
WD 1249+160	3.1±2.3	69±11	−89±11	135.9	2.13±0.04
WD 1249+182	−21.4±3.1	−62±4	22±6	106.0	2.03±0.03
WD 1257+032	1.8±3.5	−90±4	32±4	92.9	1.97±0.04
WD 1257+047	15.4±3.8	−72±4	−100±4	77.6	1.89±0.03
WD 1308–301	42.5±3.3	−134±4	−83±7	59.9	1.78±0.04
WD 1310–305	11.3±3.4	28±3	−75±7	61.7	1.79±0.04
WD 1314–067	3.0±4.5	−12±5	−72±4	91.6	1.96±0.03
WD 1323–514	−22.3±3.0	−509±46	−24±46	68.3	1.83±0.04
WD 1326–236	−16.6±3.9	−61±3	−22±3	93.0	1.97±0.04
WD 1327–083	18.3±2.9	−1110±3	−474±3	17.9	1.25±0.04
WD 1328–152	−9.3±7.8	4±4	7±4	352.5	2.55±0.05
WD 1330+036	0.2±3.3	−124±4	−72±4	104.7	2.02±0.04
WD 1332–229	−6.2±3.9	36±6	−25±3	145.0	2.16±0.03
WD 1334–160	6.1±5.0	−102±7	−30±6	62.1	1.79±0.04
WD 1334–678	31.3±4.7	−607±56	−18±56	36.9	1.57±0.04
WD 1342–237	15.9±4.8	−127±4	−28±3	64.5	1.81±0.04
WD 1344+106	−60.7±5.6	−893±8	−137±15	18.1	1.26±0.04
WD 1356–233	−56.9±4.6	−328±3	−53±6	31.2	1.49±0.04
WD 1401–147	−16.5±5.3	−161±4	−127±6	59.1	1.77±0.04
WD 1410+168	−18.5±4.1*	52±10	−196±10	124.6	2.10±0.04
WD 1411+135	13.4±5.1	38±4	4±4	105.0	2.02±0.04
WD 1418–088	−79.0±6.1	−468±4	−48±7	26.7	1.43±0.04
WD 1420–244	−14.0±5.0	4±3	−26±4	114.8	2.06±0.03
WD 1422+095	−26.8±4.3	−207±4	−150±4	36.8	1.57±0.03
WD 1426–276	56.8±3.4	7±5	−208±8	123.1	2.09±0.04
WD 1431+153	−16.9±4.0	−32±4	−8±7	75.5	1.88±0.03
WD 1434–223	−86.6±5.4*	−11±3	−15±7	274.4	2.44±0.04
WD 1448+077	−124.0±3.2	−815±10	−459±19	85.0	1.93±0.04
WD 1451+006	−25.7±3.8	−180±3	−31±3	95.5	1.98±0.04
WD 1457–086	−2.6±4.1	10±3	−42±3	118.7	2.07±0.04
WD 1500–170	−30.7±5.1	−8±7	−41±7	145.1	2.16±0.04
WD 1501+032	−45.5±4.0	−69±10	99±10	66.8	1.82±0.03
WD 1503–093	−26.1±3.6	−80±4	−58±4	57.1	1.76±0.04
WD 1507+021	14.2±4.5*	−100±5	−58±5	158.3	2.20±0.04
WD 1507+220	−73.5±3.7*	−66±4	−26±4	81.4	1.91±0.04
WD 1507–105	−35.4±3.4	−151±5	21±4	54.4	1.74±0.04
WD 1515–164	24.0±3.7	91±5	−28±7	96.7	1.99±0.04
WD 1524–749	188.9±3.5	−407±16	−254±16	165.7	2.22±0.04
WD 1531+184	11.6±4.4*	−48±4	−168±4	99.8	2.00±0.04
WD 1531–022	−11.2±5.8	−62±3	−124±4	31.3	1.50±0.04
WD 1537–152	−23.7±3.9	−87±3	30±5	98.3	1.99±0.04
WD 1539–035	33.8±2.8	100±3	−28±4	104.1	2.02±0.04
WD 1543–366	−28.1±15.9	−24±5	−24±5	94.8	1.98±0.05
WD 1547+057	−10.0±7.1	−42±5	4±5	92.2	1.96±0.04
WD 1548+149	−4.9±3.8	−4±4	−54±6	83.4	1.92±0.04
WD 1555–089	45.8±4.0	−59±10	−121±12	58.2	1.76±0.04
WD 1609+044	12.5±3.8	−21±3	−14±3	126.7	2.10±0.04
WD 1609+135	29.4±7.6	17±4	−542±5	21.3	1.33±0.04
WD 1614+136	−7.8±2.3	0±4	−40±4	137.8	2.14±0.04
WD 1614+160	−45.8±3.8*	−36±4	46±4	117.1	2.07±0.03
WD 1614–128	65.7±3.1	−102±7	−249±4	68.4	1.83±0.03
WD 1619+123	−2.2±3.4*	68±4	−70±4	60.8	1.78±0.04
WD 1636+057	−10.4±9.5	−309±7	−417±13	24.6	1.39±0.04

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star	$v_{\rm rad}$ km s^{-1}	$\mu_\alpha \cos\delta$ mas yr^{-1}	μ_δ mas yr^{-1}	d pc	log d pc
WD 1716+020	−37.5±3.1*	−424±4	−300±5	44.0	1.64±0.04
WD 1736+052	8.5±6.0	−43±10	−261±10	39.9	1.60±0.04
WD 1826−045	−35.0±4.4*	11±7	−298±4	24.7	1.39±0.04
WD 1827−106	−54.7±3.6*	254±17	−306±17	45.6	1.66±0.04
WD 1834−781	71.1±3.5	130±16	−313±16	92.7	1.97±0.03
WD 1840+042	−38.9±4.9*	−112±16	62±5	25.2	1.40±0.04
WD 1857+119	−63.5±4.6	145±7	176±6	42.3	1.63±0.04
WD 1911+135	−8.0±3.7	10±4	−182±6	35.2	1.55±0.04
WD 1914−598	47.2±3.4	−2±4	−24±11	57.9	1.76±0.04
WD 1918+110	50.8±3.9	38±6	−100±4	131.7	2.12±0.03
WD 1919+145	18.3±3.6*	−34±10	−66±10	21.8	1.34±0.04
WD 1932−136	−16.9±3.4	−38±3	−118±3	113.3	2.05±0.04
WD 1952−206	18.0±3.5	97±6	−380±4	60.7	1.78±0.04
WD 1953−715	2.8±3.5	32±7	−192±11	82.3	1.92±0.04
WD 1959+059	−34.7±5.9	−103±9	−112±4	80.2	1.90±0.04
WD 2004−605	−26.5±11.2	104±5	−65±7	51.9	1.72±0.04
WD 2007−219	−55.8±5.0	104±4	−314±4	25.4	1.40±0.04
WD 2014−575	45.5±3.8	76±6	−25±7	44.6	1.65±0.03
WD 2018−233	−21.9±3.6	59±4	−34±4	44.4	1.65±0.04
WD 2021−128	25.8±3.8	−58±5	−97±5	59.4	1.77±0.04
WD 2029+183	−165.9±3.4	182±4	24±4	108.7	2.04±0.04
WD 2032+188	−34.6±2.8	−3±3	−141±3	112.7	2.05±0.04
WD 2039−682	7.7±5.2	188±12	−246±11	20.9	1.32±0.03
WD 2046−220	−39.5±3.7	73±3	−1±2	101.1	2.00±0.03
WD 2051+095	−3.1±3.4	−4±4	120±4	110.8	2.04±0.04
WD 2058+181	−70.6±3.6	106±5	−36±4	69.5	1.84±0.04
WD 2115+010	−6.1±3.8	8±3	35±3	132.9	2.12±0.04
WD 2122−467	−6.4±4.2	95±18	−35±20	95.1	1.98±0.04
WD 2127−221J	19.2±9.9	−2±3	−36±3	183.6	2.26±0.05
WD 2134+218	3.2±3.4	−100±4	8±4	53.8	1.73±0.04
WD 2136+229	−84.6±4.1	275±7	117±4	39.8	1.60±0.04
WD 2137−379	−34.4±4.1	38±7	−0±6	133.6	2.13±0.04
WD 2139+115	−1.3±3.8	214±5	−12±7	98.8	1.99±0.04
WD 2151−307	6.2±5.7*	21±5	−16±2	85.6	1.93±0.04
WD 2156−546J	−43.1±8.8	51±4	−16±4	148.9	2.17±0.06
WD 2157+161	−33.1±4.1	132±4	−6±4	127.7	2.11±0.04
WD 2204+071	15.7±4.0	−41±4	−12±4	138.7	2.14±0.04
WD 2205−139	14.7±5.1	36±3	−7±4	80.7	1.91±0.03
WD 2226+061	19.5±3.3	−180±4	−102±4	64.8	1.81±0.04
WD 2226−449	36.6±2.7	−6±14	−147±14	83.4	1.92±0.04
WD 2240+125.1	8.2±4.1	−32±4	−68±5	92.5	1.97±0.04
WD 2240+125.2	9.8±4.5	−30±4	−72±4	106.7	2.03±0.04
WD 2240−017	−3.1±4.8	−144±5	−185±10	51.2	1.71±0.04
WD 2248−504	−5.5±3.8	156±8	−98±8	65.8	1.82±0.04
WD 2253−081	−54.3±6.6	546±25	−46±48	32.6	1.51±0.04
WD 2254+126	−10.2±4.4	188±4	11±5	62.3	1.79±0.04
WD 2303+242	−17.9±3.8	68±4	−56±4	51.1	1.71±0.04
WD 2306+124	12.6±4.4	2±4	22±3	85.8	1.93±0.04
WD 2306+130	−12.6±4.9	78±4	36±4	44.3	1.65±0.04
WD 2311−260	21.0±14.2	16±2	−17±3	434.3	2.64±0.05
WD 2314+064	−0.9±4.0	66±10	30±10	100.7	2.00±0.04
WD 2318+126	−32.4±3.7	198±4	50±4	87.1	1.94±0.04
WD 2318−226	16.0±7.4	8±9	−58±9	210.2	2.32±0.04
WD 2321−549	−4.2±6.5	16±5	8±5	190.5	2.28±0.04
WD 2322+206	−16.8±3.4	−44±6	−4±4	73.7	1.87±0.04
WD 2322−181	−1.4±3.9	246±7	−9±9	100.8	2.00±0.04
WD 2324+060	−29.4±3.3	32±4	−116±4	77.6	1.89±0.04
WD 2326+049	13.1±4.3	−404±15	−263±13	19.0	1.28±0.04
WD 2328+107	24.0±3.3	−62±4	−28±4	113.7	2.06±0.04
WD 2329−332	15.2±4.4	17±9	20±9	157.5	2.20±0.04
WD 2331−475	−4.1±6.2	−3±3	−24±3	77.9	1.89±0.06
WD 2333−049	15.6±5.3	−199±4	−136±4	53.5	1.73±0.04
WD 2333−165	47.2±3.8	80±4	−140±4	31.5	1.50±0.04

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star	$v_{\rm rad}$	$\mu_\alpha \cos\delta$	μ_δ	d	log d
	km s^{-1}	mas yr^{-1}	mas yr^{-1}	pc	pc
WD 2347–192	7.9±5.2	−53±7	−13±4	167.3	2.22±0.04
WD 2348–244	34.0±5.2	−105±6	−229±3	49.5	1.69±0.04
WD 2349–283	14.8±3.4	36±2	−57±2	97.4	1.99±0.04
WD 2350–083	37.3±3.6	167±30	11±16	132.2	2.12±0.04
WD 2350–248	17.1±6.2	−19±2	−4±2	100.6	2.00±0.04
WD 2351–368	−28.8±5.0	33±17	−680±17	62.4	1.80±0.04
WD 2354–151	11.7±5.0	−5±3	−18±3	278.2	2.44±0.04
WD 2359–324	64.1±4.2	266±4	−89±4	161.9	2.21±0.04
WD 2359–434	−58.8±10.8	719±53	−724±53	6.1	0.79±0.04