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**Erratum: Searches for gravitational waves from known pulsars at two harmonics in 2015-2017 LIGO data (Astrophysical Journal (2019) 879 (10) DOI: 10.3847/1538-4357/ab20cb)**

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**Erratum: “Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015–2017 LIGO Data” (2019, ApJ, 879, 10)**

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*Supporting material:* machine-readable table

Due to an error at the publisher, in the published article the number of pulsars presented in the paper is incorrect in multiple places throughout the text. Specifically, “222” pulsars should be “221.” Additionally, the number of pulsars for which we have EM observations that fully overlap with O1 and O2 changes from “168” to “167.” Elsewhere, in the machine-readable table of Table 1 and in Table 2, the row corresponding to pulsar J0952-0607 should be excised as well. Finally, in the caption for Table 2 the number of pulsars changes from “188” to “187.”

IOP Publishing sincerely regrets this error.

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<sup>191</sup> Deceased, 2018 February.

<sup>192</sup> Deceased, 2017 November.

<sup>193</sup> Deceased, 2018 July.



**Table 1**  
Limits on Gravitational-wave Amplitude, and Other Derived Quantities, for 34 High-value Pulsars from the Three Analysis Methods

Pulsar Name (J2000)	$f_{\text{rot}}$ (Hz)	$\dot{P}_{\text{rot}}$ ( $\text{s s}^{-2}$ )	Distance (kpc)	$h_0^{\text{sd}}$	Analysis Method	$C_{21}^{95\%}$	$C_{22}^{95\%}$	$h_0^{95\%}$	$Q_{22}^{95\%}$ ( $\text{kg m}^2$ )	$\epsilon^{95\%}$	$h_0^{95\%}/h_0^{\text{sd}}$	Statistic <sup>a</sup> $l=2, m=1, 2$	Statistic <sup>b</sup> $l=2, m=2$		
J0030+0451	205.5	$1.1 \times 10^{-20}$	0.33 (a)	$3.7 \times 10^{-27}$	Bayesian	$1.7 \times 10^{-26}$	$5.9 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.8 \times 10^{30}$	$2.3 \times 10^{-8}$	3.4	-3.8	-2.1		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...	...	...
					5n-vector	$1.3 \times 10^{-26}$	...	$1.7 \times 10^{-26}$	$2.3 \times 10^{30}$	$3.0 \times 10^{-8}$	4.5	0.72	0.61		
J0117+5914 <sup>c</sup>	9.9	$5.9 \times 10^{-15}$	1.7 (b)	$1.1 \times 10^{-25}$	Bayesian	...	...	$3.8 \times 10^{-25}$	$1.3 \times 10^{35}$	$1.7 \times 10^{-3}$	3.5	-2.4	-1.9		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...	...	
					5n-vector	...	...	$2.6 \times 10^{-25}$	$8.6 \times 10^{34}$	$1.1 \times 10^{-3}$	2.4	...	0.31		
J0205+6449 <sup>c</sup>	15.2	$1.9 \times 10^{-13}$	2.00 (c)	$6.9 \times 10^{-25}$	Bayesian	$1.8(1.5) \times 10^{-24}$	$2.4(3.6) \times 10^{-26}$	$4.9(7.1) \times 10^{-26}$	$0.8(1.1) \times 10^{33}$	$1.0(1.5) \times 10^{-4}$	0.071(0.1)	-4.8(-4.6)	-2.7(-2.4)		
					$\mathcal{F}$ -statistic	$2.2 \times 10^{-24}$	$4.5 \times 10^{-26}$	$8.8 \times 10^{-26}$	$1.4 \times 10^{34}$	$1.8 \times 10^{-4}$	0.13	0.71	0.26		
					5n-vector	...	...	$2.9(4.5) \times 10^{-26}$	$4.6(7.1) \times 10^{33}$	$5.9(9.2) \times 10^{-5}$	0.042(0.065)	...	0.41		
J0534+2200 <sup>c</sup>	29.7	$4.2 \times 10^{-13}$	2.00	$1.4 \times 10^{-24}$	Bayesian	$7.9(5.8) \times 10^{-26}$	$9.1(7.3) \times 10^{-27}$	$1.9(1.5) \times 10^{-26}$	$7.7(6.0) \times 10^{32}$	$1.0(0.8) \times 10^{-5}$	0.013(0.01)	-5.1(-5.2)	-2.6(-2.7)		
					$\mathcal{F}$ -statistic	$1.6(1.1) \times 10^{-25}$	$1.1(1.1) \times 10^{-26}$	$2.2(1.3) \times 10^{-26}$	$9.1(5.4) \times 10^{32}$	$1.2(0.7) \times 10^{-5}$	0.015(0.0091)	0.32(0.18)	0.65(0.87)		
					5n-vector	$1.7(1.3) \times 10^{-25}$	...	$2.9(2.9) \times 10^{-26}$	$1.2(1.2) \times 10^{33}$	$1.6(1.6) \times 10^{-5}$	0.02(0.02)	0.70	0.45		
J0711-6830 <sup>c</sup>	182.1	$1.4 \times 10^{-20}$	0.11 (b)	$1.2 \times 10^{-26}$	Bayesian	$2.6 \times 10^{-26}$	$7.0 \times 10^{-27}$	$1.5 \times 10^{-26}$	$9.3 \times 10^{29}$	$1.2 \times 10^{-8}$	1.3	-3.1	-1.9		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	$1.2 \times 10^{-26}$	...	$1.5 \times 10^{-26}$	$9.1 \times 10^{29}$	$1.2 \times 10^{-8}$	1.3	0.79	0.39		
J0835-4510 <sup>c</sup>	11.2	$1.2 \times 10^{-13}$	0.29 (j)	$3.3 \times 10^{-24}$	Bayesian	$1.4(1.1) \times 10^{-23}$	$6.7(6.2) \times 10^{-26}$	$1.4(1.2) \times 10^{-25}$	$5.9(5.2) \times 10^{33}$	$7.6(6.7) \times 10^{-5}$	0.042(0.037)	-4.2(-4.4)	-2.5(-2.8)		
					$\mathcal{F}$ -statistic	$1.3(1.1) \times 10^{-23}$	$1.1(0.9) \times 10^{-25}$	$2.6(2.0) \times 10^{-25}$	$1.1(0.8) \times 10^{34}$	$1.4(1.1) \times 10^{-4}$	0.078(0.06)	0.75(0.75)	0.75(0.75)		
					5n-vector	...	...	$2.3(2.4) \times 10^{-25}$	$9.7(9.9) \times 10^{33}$	$1.3(1.3) \times 10^{-4}$	0.07(0.071)	...	0.41		
J0940-5428	11.4	$3.3 \times 10^{-14}$	0.38 (b)	$1.3 \times 10^{-24}$	Bayesian	$1.6 \times 10^{-23}$	$7.7 \times 10^{-26}$	$1.6 \times 10^{-25}$	$8.7 \times 10^{33}$	$1.1 \times 10^{-4}$	0.13	-3.7	-2.3		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	...	...	$1.7 \times 10^{-25}$	$8.9 \times 10^{33}$	$1.2 \times 10^{-4}$	0.13	...	0.70		
J1028-5819	10.9	$1.6 \times 10^{-14}$	1.42 (b)	$2.4 \times 10^{-25}$	Bayesian	$2.7 \times 10^{-23}$	$9.1 \times 10^{-26}$	$2.3 \times 10^{-25}$	$5.1 \times 10^{34}$	$6.6 \times 10^{-4}$	0.98	-3.5	-2.2		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	...	...	$1.9 \times 10^{-25}$	$4.1 \times 10^{34}$	$5.3 \times 10^{-4}$	0.8	...	0.40		
J1105-6107	15.8	$1.6 \times 10^{-14}$	2.36 (b)	$1.7 \times 10^{-25}$	Bayesian	$1.7 \times 10^{-24}$	$2.0 \times 10^{-26}$	$3.9 \times 10^{-26}$	$6.7 \times 10^{33}$	$8.7 \times 10^{-5}$	0.23	-4.6	-2.8		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	...	...	$2.7 \times 10^{-26}$	$4.6 \times 10^{33}$	$6.0 \times 10^{-5}$	0.16	...	0.93		
J1112-6103	15.4	$3.1 \times 10^{-14}$	4.50 (b)	$1.2 \times 10^{-25}$	Bayesian	$3.4 \times 10^{-24}$	$2.5 \times 10^{-26}$	$5.8 \times 10^{-26}$	$2.0 \times 10^{34}$	$2.6 \times 10^{-4}$	0.47	-4.2	-3.4		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	...	...	$3.6 \times 10^{-26}$	$1.2 \times 10^{34}$	$1.6 \times 10^{-4}$	0.29	...	0.76		
J1410-6132	20.0	$3.2 \times 10^{-14}$	13.51 (b)	$4.8 \times 10^{-26}$	Bayesian	$4.9 \times 10^{-25}$	$9.4 \times 10^{-27}$	$2.1 \times 10^{-26}$	$1.3 \times 10^{34}$	$1.7 \times 10^{-4}$	0.44	-5.7	-3.0		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	$5.4 \times 10^{-25}$	...	$2.6 \times 10^{-26}$	$1.6 \times 10^{34}$	$2.1 \times 10^{-4}$	0.55	...	0.88		
J1412+7922	16.9	$3.3 \times 10^{-15}$	2.00 (o)	$9.5 \times 10^{-26}$	Bayesian	$1.8 \times 10^{-24}$	$3.4 \times 10^{-26}$	$7.5 \times 10^{-26}$	$9.6 \times 10^{33}$	$1.2 \times 10^{-4}$	0.78	-4.9	-2.1		
					$\mathcal{F}$ -statistic	$2.3 \times 10^{-24}$	$2.2 \times 10^{-26}$	$6.2 \times 10^{-26}$	$7.9 \times 10^{33}$	$1.0 \times 10^{-4}$	0.65	0.24	0.39		
					5n-vector	...	...	$3.6 \times 10^{-26}$	$4.6 \times 10^{33}$	$6.0 \times 10^{-5}$	0.38	...	0.80		
J1420-6048	14.8	$8.3 \times 10^{-14}$	5.63 (b)	$1.6 \times 10^{-25}$	Bayesian	$2.1 \times 10^{-24}$	$1.9 \times 10^{-26}$	$4.1 \times 10^{-26}$	$1.9 \times 10^{34}$	$2.5 \times 10^{-4}$	0.26	-6.2	-2.8		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	...	...	$7.6 \times 10^{-26}$	$3.6 \times 10^{34}$	$4.7 \times 10^{-4}$	0.48	...	0.52		
J1509-5850	11.2	$9.2 \times 10^{-15}$	3.37 (b)	$7.7 \times 10^{-26}$	Bayesian	$1.7 \times 10^{-23}$	$1.5 \times 10^{-25}$	$5.4 \times 10^{-25}$	$2.6 \times 10^{35}$	$3.4 \times 10^{-3}$	7.1	-3.5	-2.0		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	...	...	$2.1 \times 10^{-25}$	$1.0 \times 10^{35}$	$1.3 \times 10^{-3}$	2.7	...	0.72		
J1531-5610	11.9	$1.4 \times 10^{-14}$	2.84 (b)	$1.1 \times 10^{-25}$	Bayesian	$7.9 \times 10^{-24}$	$5.5 \times 10^{-26}$	$1.2 \times 10^{-25}$	$4.4 \times 10^{34}$	$5.6 \times 10^{-4}$	1	-4.2	-2.4		
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...		
					5n-vector	...	...	$1.4 \times 10^{-25}$	$5.3 \times 10^{34}$	$6.8 \times 10^{-4}$	1.2	...	0.31		

**Table 1**  
(Continued)

Pulsar Name (J2000)	$f_{\text{rot}}$ (Hz)	$\dot{P}_{\text{rot}}$ (s s <sup>-1</sup> )	Distance (kpc)	$h_0^{\text{sd}}$	Analysis Method	$C_{21}^{95\%}$	$C_{22}^{95\%}$	$h_0^{95\%}$	$Q_{22}^{95\%}$ (kg m <sup>2</sup> )	$\epsilon^{95\%}$	$h_0^{95\%}/h_0^{\text{sd}}$	Statistic <sup>a</sup> $l=2, m=1, 2$	Statistic <sup>b</sup> $l=2, m=2$
J1718–3825	13.4	$1.3 \times 10^{-14}$	3.49 (b)	$9.7 \times 10^{-26}$	Bayesian	$3.2 \times 10^{-24}$	$4.2 \times 10^{-26}$	$8.7 \times 10^{-26}$	$3.1 \times 10^{34}$	$4.0 \times 10^{-4}$	0.9	–5.6	–2.4
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	
					5n-vector	...	...	$6.5 \times 10^{-26}$	$2.3 \times 10^{34}$	$3.0 \times 10^{-4}$	0.67	...	0.67
J1809–1917	12.1	$2.6 \times 10^{-14}$	3.27 (b)	$1.4 \times 10^{-25}$	Bayesian	$6.6 \times 10^{-24}$	$4.9 \times 10^{-26}$	$9.8 \times 10^{-26}$	$4.0 \times 10^{34}$	$5.2 \times 10^{-4}$	0.72	–4.4	–2.5
					$\mathcal{F}$ -statistic	$6.2 \times 10^{-24}$	$6.2 \times 10^{-26}$	$7.3 \times 10^{-26}$	$3.0 \times 10^{34}$	$3.9 \times 10^{-4}$	0.53	0.76	0.76
					5n-vector	...	...	$1.1 \times 10^{-25}$	$4.3 \times 10^{34}$	$5.6 \times 10^{-4}$	0.77	...	0.19
J1813–1246	20.8	$1.8 \times 10^{-14}$	2.50 (z)	$1.9 \times 10^{-25}$	Bayesian	$3.9 \times 10^{-25}$	$2.2 \times 10^{-26}$	$4.7 \times 10^{-26}$	$5.0 \times 10^{33}$	$6.4 \times 10^{-5}$	0.24	–4.2	–2.2
					$\mathcal{F}$ -statistic	$3.8 \times 10^{-25}$	$1.0 \times 10^{-26}$	$3.3 \times 10^{-26}$	$3.5 \times 10^{33}$	$4.5 \times 10^{-5}$	0.17	0.08	0.73
					5n-vector	$1.0 \times 10^{-24}$	...	$4.5 \times 10^{-26}$	$4.7 \times 10^{33}$	$6.1 \times 10^{-5}$	0.23	...	0.22
J1826–1256	9.1	$1.2 \times 10^{-13}$	1.39 (cc)	$6.1 \times 10^{-25}$	Bayesian	...	...	$6.2 \times 10^{-25}$	$1.9 \times 10^{35}$	$2.5 \times 10^{-3}$	1	–2.0	–2.1
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	...	...	$4.7 \times 10^{-25}$	$1.5 \times 10^{35}$	$1.9 \times 10^{-3}$	0.77	...	...
J1828–1101	13.9	$1.5 \times 10^{-14}$	4.77 (b)	$7.7 \times 10^{-26}$	Bayesian	$7.5 \times 10^{-24}$	$4.6 \times 10^{-26}$	$7.2 \times 10^{-26}$	$3.3 \times 10^{34}$	$4.2 \times 10^{-4}$	0.94	–4.6	–2.5
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	...	...	$5.5 \times 10^{-26}$	$2.5 \times 10^{34}$	$3.2 \times 10^{-4}$	0.71	...	0.13
J1831–0952	14.9	$8.3 \times 10^{-15}$	3.68 (b)	$7.7 \times 10^{-26}$	Bayesian	$3.2 \times 10^{-24}$	$3.1 \times 10^{-26}$	$6.9 \times 10^{-26}$	$2.1 \times 10^{34}$	$2.7 \times 10^{-4}$	0.9	–5.0	–2.4
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	...	...	$4.3 \times 10^{-26}$	$1.3 \times 10^{34}$	$1.7 \times 10^{-4}$	0.56	...	0.75
J1833–0827 <sup>c</sup>	11.7	$9.2 \times 10^{-15}$	4.50 (m)	$5.9 \times 10^{-26}$	Bayesian	$1.9 \times 10^{-23}$	$8.8 \times 10^{-26}$	$3.3 \times 10^{-25}$	$2.0 \times 10^{35}$	$2.6 \times 10^{-3}$	5.6	–3.3	–1.9
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	...	...	$1.4 \times 10^{-25}$	$8.3 \times 10^{34}$	$1.1 \times 10^{-3}$	2.3	...	0.94
J1837–0604	10.4	$4.5 \times 10^{-14}$	4.77 (b)	$1.2 \times 10^{-25}$	Bayesian	$4.0 \times 10^{-23}$	$1.1 \times 10^{-25}$	$2.4 \times 10^{-25}$	$1.9 \times 10^{35}$	$2.5 \times 10^{-3}$	2	–3.7	–2.3
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	...	...	$1.6 \times 10^{-25}$	$1.3 \times 10^{35}$	$1.6 \times 10^{-3}$	1.4	...	0.38
J1849–0001	26.0	$1.4 \times 10^{-14}$	7.00 (dd)	$7.0 \times 10^{-26}$	Bayesian	$7.1 \times 10^{-25}$	$7.9 \times 10^{-27}$	$1.9 \times 10^{-26}$	$3.7 \times 10^{33}$	$4.7 \times 10^{-5}$	0.28	–3.4	–2.6
					$\mathcal{F}$ -statistic	$6.8 \times 10^{-25}$	$9.1 \times 10^{-27}$	$2.8 \times 10^{-26}$	$5.3 \times 10^{33}$	$6.9 \times 10^{-5}$	0.4	0.04	0.75
					5n-vector	$6.8 \times 10^{-26}$	...	$2.0 \times 10^{-26}$	$3.8 \times 10^{33}$	$4.9 \times 10^{-5}$	0.29	0.23	0.49
J1856+0245	12.4	$6.2 \times 10^{-14}$	6.32 (b)	$1.1 \times 10^{-25}$	Bayesian	$7.2 \times 10^{-24}$	$7.3 \times 10^{-26}$	$1.5 \times 10^{-25}$	$1.1 \times 10^{35}$	$1.4 \times 10^{-3}$	1.3	–3.8	–2.1
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	...	...	$1.6 \times 10^{-25}$	$1.2 \times 10^{35}$	$1.6 \times 10^{-3}$	1.5	...	0.36
J1913+1011	27.8	$3.4 \times 10^{-15}$	4.61 (b)	$5.4 \times 10^{-26}$	Bayesian	$1.6 \times 10^{-25}$	$1.8 \times 10^{-26}$	$3.7 \times 10^{-26}$	$4.0 \times 10^{33}$	$5.2 \times 10^{-5}$	0.7	–4.1	–2.2
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	$1.7 \times 10^{-25}$	...	$2.1 \times 10^{-26}$	$2.3 \times 10^{33}$	$3.0 \times 10^{-5}$	0.39	0.56	0.90
J1925+1720	13.2	$1.0 \times 10^{-14}$	5.06 (b)	$5.9 \times 10^{-26}$	Bayesian	$3.3 \times 10^{-24}$	$5.5 \times 10^{-26}$	$1.1 \times 10^{-25}$	$5.8 \times 10^{34}$	$7.5 \times 10^{-4}$	1.9	–5.6	–2.4
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	...	...	$1.1 \times 10^{-25}$	$5.8 \times 10^{34}$	$7.5 \times 10^{-4}$	1.9	...	0.44
J1928+1746	14.5	$1.3 \times 10^{-14}$	4.34 (b)	$8.1 \times 10^{-26}$	Bayesian	$2.4 \times 10^{-24}$	$5.5 \times 10^{-26}$	$1.2 \times 10^{-25}$	$4.3 \times 10^{34}$	$5.6 \times 10^{-4}$	1.4	–5.2	–2.6
					$\mathcal{F}$ -statistic	$2.2 \times 10^{-24}$	$3.9 \times 10^{-26}$	$1.3 \times 10^{-25}$	$4.9 \times 10^{34}$	$6.3 \times 10^{-4}$	1.6	0.61	0.61
					5n-vector	...	...	$8.6 \times 10^{-26}$	$3.2 \times 10^{34}$	$4.2 \times 10^{-4}$	1.1	...	0.59
J1935+2025	12.5	$6.1 \times 10^{-14}$	4.60 (b)	$1.5 \times 10^{-25}$	Bayesian	$7.3 \times 10^{-24}$	$5.2 \times 10^{-26}$	$1.1 \times 10^{-25}$	$6.2 \times 10^{34}$	$8.0 \times 10^{-4}$	0.75	–4.4	–2.4
					$\mathcal{F}$ -statistic	$5.0 \times 10^{-24}$	$5.5 \times 10^{-26}$	$1.3 \times 10^{-25}$	$7.0 \times 10^{34}$	$9.1 \times 10^{-4}$	0.85	0.71	0.71
					5n-vector	...	...	$1.4 \times 10^{-25}$	$7.6 \times 10^{34}$	$9.8 \times 10^{-4}$	0.92	...	0.37
J1952+3252 <sup>c</sup>	25.3	$5.8 \times 10^{-15}$	3.00 (m)	$1.0 \times 10^{-25}$	Bayesian	$2.8(2.9) \times 10^{-25}$	$8.7(9.0) \times 10^{-27}$	$1.9(1.8) \times 10^{-26}$	$1.7(1.5) \times 10^{33}$	$2.1(2.0) \times 10^{-5}$	0.19(0.17)	–3.4(–3.5)	–2.7(–2.6)
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...
					5n-vector	$2.0(2.0) \times 10^{-25}$	...	$2.4(2.5) \times 10^{-26}$	$2.1(2.1) \times 10^{33}$	$2.7(2.7) \times 10^{-5}$	0.24(0.24)	0.06	0.70

**Table 1**  
(Continued)

Pulsar Name (J2000)	$f_{\text{rot}}$ (Hz)	$\dot{P}_{\text{rot}}$ ( $\text{s s}^{-1}$ )	Distance (kpc)	$h_0^{\text{sd}}$	Analysis Method	$C_{21}^{95\%}$	$C_{22}^{95\%}$	$h_0^{95\%}$	$Q_{22}^{95\%}$ ( $\text{kg m}^2$ )	$\epsilon^{95\%}$	$h_0^{95\%}/h_0^{\text{sd}}$	Statistic <sup>a</sup> $l=2, m=1, 2$	Statistic <sup>b</sup> $l=2, m=2$	
J2043+2740	10.4	$1.3 \times 10^{-15}$	1.48 (b)	$6.3 \times 10^{-26}$	Bayesian	$2.6 \times 10^{-23}$	$7.3 \times 10^{-26}$	$1.6 \times 10^{-25}$	$4.1 \times 10^{34}$	$5.3 \times 10^{-4}$	2.6	-4.2	-2.5	
					$\mathcal{F}$ -statistic	$2.1 \times 10^{-23}$	$6.4 \times 10^{-26}$	$2.8 \times 10^{-25}$	$7.0 \times 10^{34}$	$9.1 \times 10^{-4}$	4.5	0.79	0.79	
					5n-vector	...	...	$1.9 \times 10^{-25}$	$4.7 \times 10^{34}$	$6.1 \times 10^{-4}$	3	...	0.17	
J2124-3358	202.8	$9.0 \times 10^{-21}\text{g}$	0.38 (g)	$2.9 \times 10^{-27}$	Bayesian	$1.4 \times 10^{-26}$	$6.3 \times 10^{-27}$	$1.3 \times 10^{-26}$	$2.2 \times 10^{30}$	$2.9 \times 10^{-8}$	4.6	-3.8	-2.2	
					$\mathcal{F}$ -statistic	...	...	...	...	...	...	...	...	...
					5n-vector	$2.6 \times 10^{-26}$	...	$1.3 \times 10^{-26}$	$2.2 \times 10^{30}$	$2.8 \times 10^{-8}$	4.5	0.58	0.58	
J2229+6114	19.4	$7.8 \times 10^{-14}$	3.00 (hh)	$3.3 \times 10^{-25}$	Bayesian	$3.9(3.7) \times 10^{-25}$	$1.2(0.8) \times 10^{-26}$	$2.5(1.6) \times 10^{-26}$	$3.7(2.3) \times 10^{33}$	$4.8(3.0) \times 10^{-5}$	0.077(0.048)	-5.0(-5.1)	-2.8(-2.9)	
					$\mathcal{F}$ -statistic	$5.6 \times 10^{-25}$	$2.9 \times 10^{-26}$	$2.1 \times 10^{-26}$	$3.1 \times 10^{33}$	$4.0 \times 10^{-5}$	0.063	0.55	0.43	
					5n-vector	...	...	$2.5(1.9) \times 10^{-26}$	$3.7(2.8) \times 10^{33}$	$4.8(3.6) \times 10^{-5}$	0.077(0.057)	...	0.99	
J2302+4442 <sup>c</sup>	192.6	$1.4 \times 10^{-20}$	0.86 (b)	$1.5 \times 10^{-27}$	Bayesian	$1.5 \times 10^{-26}$	$6.5 \times 10^{-27}$	$1.4 \times 10^{-26}$	$5.7 \times 10^{30}$	$7.4 \times 10^{-8}$	8.9	-3.9	-2.0	
					$\mathcal{F}$ -statistic	$2.5 \times 10^{-26}$	$5.6 \times 10^{-27}$	$1.1 \times 10^{-26}$	$4.7 \times 10^{30}$	$6.0 \times 10^{-8}$	7.2	0.49	0.49	
					5n-vector	...	...	...	...	...	...	...	...	

**Notes.** For references and other notes see Table 2. Values in parentheses are those produced using the restricted orientation priors described in Section 2.2.4.

<sup>a</sup> For the *Bayesian* method this column shows the base-10 logarithm of the Bayesian odds,  $\mathcal{O}$ , comparing a coherent signal model at both the  $l = 2, m = 1, 2$  modes to incoherent signal models. For the  $\mathcal{F}$ -/ $\mathcal{G}$ -statistic method this column shows the false-alarm probability for a signal just at the  $l = 2, m = 1$  mode, assuming that the  $2\mathcal{F}$  value has a  $\chi^2$  distribution with 4 degrees of freedom and the  $2\mathcal{G}$  value has a  $\chi^2$  distribution with 2 degrees of freedom. For the *5n-vector* method this column shows the  $p$ -value for a search for a signal at just the  $l = 2, m = 1$  mode, where the null hypothesis being tested is that the data are consistent with pure Gaussian noise.

<sup>b</sup> This is the same as in footnote a, but for all the methods the assumed signal model is from the  $l = m = 2$  mode.

<sup>c</sup> The observed  $\dot{P}$  has been corrected to account for the relative motion between the pulsar and observer.

(This table is available in its entirety in machine-readable form.)

**Table 2**  
Limits on Gravitational-wave Amplitude, and Other Derived Quantities, for 187 Pulsars from the *Bayesian* Analysis

Pulsar Name (J2000)	$f_{\text{rot}}$ (Hz)	$\dot{P}_{\text{rot}1}$ (s s <sup>-2</sup> )	Distance (kpc)	$h_0^{\text{sd}}$	$C_{21}^{95\%}$	$C_{22}^{95\%}$	$h_0^{95\%}$	$Q_{22}^{95\%}$ (kg m <sup>2</sup> )	$\epsilon^{95\%}$	$h_0^{95\%}/h_0^{\text{sd}}$	$\mathcal{O}_{m=1,2}^{f=2}$	$\mathcal{O}_{m=2}^{f=2}$
J0023+0923 <sup>a</sup>	327.8	$1.0 \times 10^{-20}$	1.10 <sup>a</sup>	$1.3 \times 10^{-27}$	$2.4 \times 10^{-26}$	$6.8 \times 10^{-27}$	$1.5 \times 10^{-26}$	$2.8 \times 10^{30}$	$3.6 \times 10^{-8}$	11	-3.9	-2.2
J0034-0534 <sup>a</sup>	532.7	$4.2 \times 10^{-21}$	1.35 <sup>b</sup>	$8.9 \times 10^{-28}$	$2.0 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.5 \times 10^{-26}$	$2.2 \times 10^{30}$	$2.8 \times 10^{-8}$	28	-4.1	-2.1
J0101-6422 <sup>a</sup>	388.6	$3.8 \times 10^{-21}$	1.00 <sup>b</sup>	$9.7 \times 10^{-28}$	$2.3 \times 10^{-26}$	$6.2 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.6 \times 10^{30}$	$2.1 \times 10^{-8}$	14	-4.1	-2.3
J0102+4839	337.4	$1.1 \times 10^{-20}$	2.38 <sup>b</sup>	$6.6 \times 10^{-28}$	$1.9 \times 10^{-26}$	$9.8 \times 10^{-27}$	$2.0 \times 10^{-26}$	$7.6 \times 10^{30}$	$9.8 \times 10^{-8}$	30	-4.0	-1.9
J0218+4232 <sup>a</sup>	430.5	$7.7 \times 10^{-20}$	3.15 <sup>d</sup>	$1.5 \times 10^{-27}$	$3.1 \times 10^{-26}$	$1.7 \times 10^{-26}$	$3.3 \times 10^{-26}$	$1.0 \times 10^{31}$	$1.3 \times 10^{-7}$	22	-3.0	-1.7
J0248+4230	384.5	$1.7 \times 10^{-20}$	1.85 <sup>b</sup>	$1.1 \times 10^{-27}$	$2.6 \times 10^{-26}$	$1.8 \times 10^{-26}$	$3.2 \times 10^{-26}$	$7.4 \times 10^{30}$	$9.5 \times 10^{-8}$	29	-3.4	-1.8
J0251+26	393.5	$7.6 \times 10^{-21}$	1.15 <sup>b</sup>	$1.2 \times 10^{-27}$	$2.0 \times 10^{-26}$	$8.4 \times 10^{-27}$	$1.8 \times 10^{-26}$	$2.4 \times 10^{30}$	$3.1 \times 10^{-8}$	15	-4.0	-2.1
J0308+74	316.8	$1.7 \times 10^{-20}$	0.38 <sup>b</sup>	$5.0 \times 10^{-27}$	$1.7 \times 10^{-26}$	$6.9 \times 10^{-27}$	$1.5 \times 10^{-26}$	$1.0 \times 10^{30}$	$1.3 \times 10^{-8}$	3	-3.9	-2.2
J0340+4130 <sup>a</sup>	303.1	$6.7 \times 10^{-21}$	1.60 <sup>b</sup>	$7.2 \times 10^{-28}$	$2.9 \times 10^{-26}$	$7.8 \times 10^{-27}$	$1.7 \times 10^{-26}$	$5.3 \times 10^{30}$	$6.8 \times 10^{-8}$	23	-3.5	-2.1
J0348+0432 <sup>a</sup>	25.6	$2.3 \times 10^{-19}$	2.10 <sup>e</sup>	$9.3 \times 10^{-28}$	$1.4 \times 10^{-25}$	$8.8 \times 10^{-27}$	$1.8 \times 10^{-26}$	$1.1 \times 10^{33}$	$1.4 \times 10^{-5}$	20	-4.9	-2.6
J0359+5414	12.6	$1.7 \times 10^{-14}$	...	...	$7.9 \times 10^{-24}$	$4.0 \times 10^{-26}$	$8.6 \times 10^{-26}$	...	...	...	-4.8	-2.7
J0407+1607	38.9	$7.9 \times 10^{-20}$	1.34 <sup>b</sup>	$1.1 \times 10^{-27}$	$4.8 \times 10^{-26}$	$5.3 \times 10^{-27}$	$1.1 \times 10^{-26}$	$1.8 \times 10^{32}$	$2.4 \times 10^{-6}$	11	-4.7	-2.4
J0437-4715 <sup>a</sup>	173.7	$1.4 \times 10^{-20}$	0.16 <sup>f</sup>	$7.9 \times 10^{-27}$	$1.5 \times 10^{-26}$	$8.3 \times 10^{-27}$	$1.6 \times 10^{-26}$	$1.5 \times 10^{30}$	$2.0 \times 10^{-8}$	2	-4.4	-2.5
J0453+1559 <sup>a</sup>	21.8	$1.8 \times 10^{-19}$	0.52 <sup>b</sup>	$3.1 \times 10^{-27}$	$1.9 \times 10^{-25}$	$9.2 \times 10^{-27}$	$2.1 \times 10^{-26}$	$4.1 \times 10^{32}$	$5.3 \times 10^{-6}$	6.6	-5.2	-2.8
J0533+67	227.9	$1.3 \times 10^{-20}$	2.28 <sup>b</sup>	$6.0 \times 10^{-28}$	$1.4 \times 10^{-26}$	$6.7 \times 10^{-27}$	$1.4 \times 10^{-26}$	$1.1 \times 10^{31}$	$1.5 \times 10^{-7}$	24	-3.9	-2.0
J0557+1550	391.2	$7.4 \times 10^{-21}$	1.83 <sup>b</sup>	$7.5 \times 10^{-28}$	$1.7 \times 10^{-26}$	$1.0 \times 10^{-26}$	$2.1 \times 10^{-26}$	$4.7 \times 10^{30}$	$6.1 \times 10^{-8}$	29	-4.0	-2.0
J0605+37	366.6	$4.7 \times 10^{-21}$	0.19 <sup>b</sup>	$5.6 \times 10^{-27}$	$2.3 \times 10^{-26}$	$1.6 \times 10^{-26}$	$3.1 \times 10^{-26}$	$8.0 \times 10^{29}$	$1.0 \times 10^{-8}$	5.6	-3.0	-1.3
J0609+2130	18.0	$2.4 \times 10^{-19}$	0.57 <sup>b</sup>	$2.9 \times 10^{-27}$	$8.9 \times 10^{-25}$	$1.9 \times 10^{-26}$	$3.9 \times 10^{-26}$	$1.3 \times 10^{33}$	$1.6 \times 10^{-5}$	13	-4.6	-2.6
J0610-2100 <sup>a</sup>	259.0	$1.1 \times 10^{-21}$	3.26 <sup>b</sup>	$1.3 \times 10^{-28}$	$1.7 \times 10^{-26}$	$6.0 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.2 \times 10^{31}$	$1.5 \times 10^{-7}$	99	-4.0	-2.2
J0613-0200	326.6	$8.9 \times 10^{-21g}$	0.78 <sup>g</sup>	$1.8 \times 10^{-27}$	$1.7 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.3 \times 10^{-26}$	$3.1 \times 10^{30}$	$4.0 \times 10^{-8}$	13	-3.9	-1.9
J0614-3329 <sup>a</sup>	317.6	$1.8 \times 10^{-20}$	0.63 <sup>h</sup>	$3.0 \times 10^{-27}$	$2.4 \times 10^{-26}$	$1.0 \times 10^{-26}$	$1.9 \times 10^{-26}$	$2.1 \times 10^{30}$	$2.8 \times 10^{-8}$	6.2	-3.8	-2.0
J0621+1002 <sup>a</sup>	34.7	$4.6 \times 10^{-20}$	0.42 <sup>b</sup>	$2.4 \times 10^{-27}$	$7.0 \times 10^{-26}$	$7.7 \times 10^{-27}$	$1.6 \times 10^{-26}$	$1.0 \times 10^{32}$	$1.3 \times 10^{-6}$	6.6	-4.6	-2.3
J0621+25	367.4	$2.5 \times 10^{-20}$	1.64 <sup>b</sup>	$1.5 \times 10^{-27}$	$2.6 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.5 \times 10^{-26}$	$5.5 \times 10^{30}$	$7.1 \times 10^{-8}$	17	-3.7	-1.9
J0636+5129 <sup>a</sup>	348.6	$3.4 \times 10^{-21}$	0.21 <sup>b</sup>	$4.2 \times 10^{-27}$	$1.6 \times 10^{-26}$	$6.2 \times 10^{-27}$	$1.4 \times 10^{-26}$	$4.5 \times 10^{29}$	$5.8 \times 10^{-9}$	3.4	-4.8	-2.3
J0645+5158 <sup>a</sup>	112.9	$3.6 \times 10^{-21}$	1.20 <sup>a</sup>	$4.3 \times 10^{-28}$	$1.7 \times 10^{-26}$	$8.5 \times 10^{-27}$	$1.7 \times 10^{-26}$	$2.9 \times 10^{31}$	$3.8 \times 10^{-7}$	39	-3.4	-1.5
J0721-2038	64.3	$4.4 \times 10^{-20}$	2.68 <sup>b</sup>	$5.1 \times 10^{-28}$	$3.2 \times 10^{-26}$	$7.4 \times 10^{-27}$	$1.5 \times 10^{-26}$	$1.7 \times 10^{32}$	$2.2 \times 10^{-6}$	29	-3.6	-1.6
J0737-3039A <sup>a</sup>	44.1	$1.8 \times 10^{-18}$	1.10 <sup>i</sup>	$6.5 \times 10^{-27}$	$5.1 \times 10^{-26}$	$5.2 \times 10^{-27}$	$1.1 \times 10^{-26}$	$1.2 \times 10^{32}$	$1.5 \times 10^{-6}$	1.7	-4.3	-2.3
J0740+6620 <sup>a</sup>	346.5	$8.6 \times 10^{-21}$	0.40 <sup>a</sup>	$3.5 \times 10^{-27}$	$1.6 \times 10^{-26}$	$7.9 \times 10^{-27}$	$1.6 \times 10^{-26}$	$9.9 \times 10^{29}$	$1.3 \times 10^{-8}$	4.7	-4.9	-2.3
J0751+1807	287.5	$6.2 \times 10^{-21g}$	1.00 <sup>g</sup>	$1.1 \times 10^{-27}$	$1.6 \times 10^{-26}$	$5.7 \times 10^{-27}$	$1.3 \times 10^{-26}$	$2.8 \times 10^{30}$	$3.6 \times 10^{-8}$	12	-4.1	-2.2
J0900-3144	90.0	$5.0 \times 10^{-20g}$	0.81 <sup>g</sup>	$2.1 \times 10^{-27}$	$1.6 \times 10^{-26}$	$5.0 \times 10^{-27}$	$1.1 \times 10^{-26}$	$2.0 \times 10^{31}$	$2.6 \times 10^{-7}$	5.1	-5.0	-2.8
J0931-1902 <sup>a</sup>	215.6	$3.2 \times 10^{-21}$	3.72 <sup>b</sup>	$1.8 \times 10^{-28}$	$1.6 \times 10^{-26}$	$5.8 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.9 \times 10^{31}$	$2.4 \times 10^{-7}$	71	-3.9	-2.1
J0955-61	500.2	$1.4 \times 10^{-20}$	2.17 <sup>b</sup>	$9.9 \times 10^{-28}$	$3.8 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.6 \times 10^{-26}$	$4.1 \times 10^{30}$	$5.3 \times 10^{-8}$	26	-3.6	-2.1
J1012+5307	190.3	$8.0 \times 10^{-21g}$	1.11 <sup>k</sup>	$9.0 \times 10^{-28}$	$1.6 \times 10^{-26}$	$6.5 \times 10^{-27}$	$1.3 \times 10^{-26}$	$7.5 \times 10^{30}$	$9.7 \times 10^{-8}$	15	-3.9	-2.0
J1012-4235	322.5	$6.6 \times 10^{-21}$	0.37 <sup>b</sup>	$3.2 \times 10^{-27}$	$1.6 \times 10^{-26}$	$8.9 \times 10^{-27}$	$1.8 \times 10^{-26}$	$1.2 \times 10^{30}$	$1.5 \times 10^{-8}$	5.7	-3.9	-1.9
J1017-7156	427.6	$1.2 \times 10^{-21kk}$	0.70 <sup>l</sup>	$8.3 \times 10^{-28}$	$1.7 \times 10^{-26}$	$8.9 \times 10^{-27}$	$1.9 \times 10^{-26}$	$1.3 \times 10^{30}$	$1.7 \times 10^{-8}$	23	-4.2	-2.2
J1022+1001	60.8	$3.0 \times 10^{-20g}$	1.09 <sup>g</sup>	$1.0 \times 10^{-27}$	$3.5 \times 10^{-26}$	$5.8 \times 10^{-27}$	$1.2 \times 10^{-26}$	$6.5 \times 10^{31}$	$8.4 \times 10^{-7}$	12	-4.0	-2.0
J1024-0719 <sup>b</sup>	193.7	...	1.08 <sup>g</sup>	...	$1.7 \times 10^{-26}$	$8.5 \times 10^{-27}$	$1.7 \times 10^{-26}$	$9.0 \times 10^{30}$	$1.2 \times 10^{-7}$	...	-3.7	-1.9
J1035-6720 <sup>b</sup>	348.2	...	1.46 <sup>b</sup>	...	$1.9 \times 10^{-26}$	$6.8 \times 10^{-27}$	$1.5 \times 10^{-26}$	$3.2 \times 10^{30}$	$4.2 \times 10^{-8}$	...	-4.7	-2.3
J1036-8317	293.4	$3.1 \times 10^{-20}$	0.93 <sup>b</sup>	$2.6 \times 10^{-27}$	$2.2 \times 10^{-26}$	$8.1 \times 10^{-27}$	$1.7 \times 10^{-26}$	$3.4 \times 10^{30}$	$4.4 \times 10^{-8}$	6.6	-3.7	-2.0
J1038+0032	34.7	$6.7 \times 10^{-20}$	5.94 <sup>b</sup>	$2.1 \times 10^{-28}$	$6.5 \times 10^{-26}$	$6.6 \times 10^{-27}$	$1.4 \times 10^{-26}$	$1.3 \times 10^{33}$	$1.6 \times 10^{-5}$	68	-4.7	-2.4
J1055-6028	10.0	$3.0 \times 10^{-14}$	3.83 <sup>b</sup>	$1.1 \times 10^{-25}$	$8.4 \times 10^{-23}$	$1.2 \times 10^{-25}$	$2.0 \times 10^{-25}$	$1.4 \times 10^{35}$	$1.8 \times 10^{-3}$	1.8	-1.8	-3.0
J1124-3653	415.0	$6.0 \times 10^{-21}$	1.05 <sup>b</sup>	$1.2 \times 10^{-27}$	$3.1 \times 10^{-26}$	$6.9 \times 10^{-27}$	$1.6 \times 10^{-26}$	$1.8 \times 10^{30}$	$2.4 \times 10^{-8}$	14	-3.7	-2.2
J1125+7819 <sup>b</sup>	238.0	...	0.88 <sup>b</sup>	...	$2.1 \times 10^{-26}$	$4.7 \times 10^{-27}$	$1.0 \times 10^{-26}$	$2.9 \times 10^{30}$	$3.7 \times 10^{-8}$	...	-3.8	-2.2
J1125-5825	322.4	$5.9 \times 10^{-20kk}$	1.74 <sup>b</sup>	$2.0 \times 10^{-27}$	$2.0 \times 10^{-26}$	$1.0 \times 10^{-26}$	$2.0 \times 10^{-26}$	$6.1 \times 10^{30}$	$7.8 \times 10^{-8}$	9.8	-3.8	-1.9
J1137+7528	398.0	$3.2 \times 10^{-21}$	3.81 <sup>b</sup>	$2.4 \times 10^{-28}$	$2.4 \times 10^{-26}$	$7.8 \times 10^{-27}$	$1.6 \times 10^{-26}$	$7.1 \times 10^{30}$	$9.2 \times 10^{-8}$	67	-3.8	-2.2
J1142+0119	197.0	$1.5 \times 10^{-20}$	2.18 <sup>b</sup>	$6.4 \times 10^{-28}$	$3.1 \times 10^{-26}$	$1.0 \times 10^{-26}$	$2.4 \times 10^{-26}$	$2.5 \times 10^{31}$	$3.2 \times 10^{-7}$	38	-2.8	-1.3
J1207-5050	206.5	$6.1 \times 10^{-21}$	1.27 <sup>b</sup>	$7.1 \times 10^{-28}$	$1.5 \times 10^{-26}$	$5.4 \times 10^{-27}$	$1.1 \times 10^{-26}$	$6.1 \times 10^{30}$	$7.9 \times 10^{-8}$	16	-3.9	-2.1
J1231-1411 <sup>a</sup>	271.5	$8.2 \times 10^{-21}$	0.42 <sup>b</sup>	$2.9 \times 10^{-27}$	$1.9 \times 10^{-26}$	$7.9 \times 10^{-27}$	$1.7 \times 10^{-26}$	$1.7 \times 10^{30}$	$2.3 \times 10^{-8}$	5.8	-3.7	-1.9
J1300+1240 <sup>a</sup>	160.8	$3.1 \times 10^{-20}$	0.60 <sup>m</sup>	$3.0 \times 10^{-27}$	$2.3 \times 10^{-26}$	$5.5 \times 10^{-27}$	$1.2 \times 10^{-26}$	$5.2 \times 10^{30}$	$6.7 \times 10^{-8}$	4.1	-3.7	-2.1
J1301+0833	542.4	$1.1 \times 10^{-20}$	1.23 <sup>b</sup>	$1.6 \times 10^{-27}$	$2.7 \times 10^{-26}$	$2.0 \times 10^{-26}$	$4.3 \times 10^{-26}$	$3.3 \times 10^{30}$	$4.7 \times 10^{-8}$	28	-3.6	-1.9
J1302-32	265.2	$6.6 \times 10^{-21}$	1.49 <sup>b</sup>	$7.1 \times 10^{-28}$	$2.0 \times 10^{-26}$	$6.2 \times 10^{-27}$	$1.3 \times 10^{-26}$	$4.9 \times 10^{30}$	$6.3 \times 10^{-8}$	18	-3.9	-2.2
J1311-3430	390.6	$2.1 \times 10^{-20}$	2.43 <sup>b</sup>	$9.5 \times 10^{-28}$	$1.8 \times 10^{-26}$	$1.3 \times 10^{-26}$	$2.8 \times 10^{-26}$	$8.0 \times 10^{30}$	$1.0 \times 10^{-7}$	29	-3.7	-1.7
J1312+0051	236.5	$1.8 \times 10^{-20}$	1.47 <sup>b</sup>	$1.1 \times 10^{-27}$	$1.9 \times 10^{-26}$	$6.8 \times 10^{-27}$	$1.4 \times 10^{-26}$	$6.9 \times 10^{30}$	$8.9 \times 10^{-8}$	13	-3.8	-2.0

**Table 2**  
(Continued)

Pulsar Name (J2000)	$f_{\text{rot}}$ (Hz)	$\dot{P}_{\text{rot}}^1$ (s s <sup>-1</sup> )	Distance (kpc)	$h_0^{\text{sd}}$	$C_{21}^{95\%}$	$C_{22}^{95\%}$	$h_0^{95\%}$	$Q_{23}^{95\%}$ (kg m <sup>2</sup> )	$\epsilon^{95\%}$	$h_0^{95\%}/h_0^{\text{sd}}$	$\mathcal{O}_{m=1,2}^{J=2}$	$\mathcal{O}_{m=2}^{J=2}$
J1327–0755 <sup>b</sup>	373.4	...	1.70 <sup>a</sup>	...	$1.6 \times 10^{-26}$	$8.7 \times 10^{-27}$	$1.8 \times 10^{-26}$	$4.1 \times 10^{30}$	$5.3 \times 10^{-8}$	...	-4.0	-2.1
J1446–4701	455.6	$9.7 \times 10^{-21\text{kk}}$	1.57 <sup>b</sup>	$1.1 \times 10^{-27}$	$2.7 \times 10^{-26}$	$1.4 \times 10^{-26}$	$2.9 \times 10^{-26}$	$4.0 \times 10^{30}$	$5.2 \times 10^{-8}$	27	-3.6	-1.9
J1453+1902 <sup>a</sup>	172.6	$9.1 \times 10^{-21}$	1.27 <sup>b</sup>	$8.0 \times 10^{-28}$	$1.9 \times 10^{-26}$	$8.3 \times 10^{-27}$	$1.6 \times 10^{-26}$	$1.2 \times 10^{31}$	$1.6 \times 10^{-7}$	20	-4.1	-2.4
J1455–3330	125.2	$2.3 \times 10^{-20\text{g}}$	0.80 <sup>g</sup>	$1.7 \times 10^{-27}$	$2.1 \times 10^{-26}$	$5.2 \times 10^{-27}$	$1.0 \times 10^{-26}$	$9.5 \times 10^{30}$	$1.2 \times 10^{-7}$	5.9	-3.8	-2.0
J1513–2550	471.9	$2.1 \times 10^{-20}$	3.97 <sup>b</sup>	$6.5 \times 10^{-28}$	$1.7 \times 10^{-26}$	$8.6 \times 10^{-27}$	$1.9 \times 10^{-26}$	$6.2 \times 10^{30}$	$8.0 \times 10^{-8}$	29	-4.3	-2.2
J1514–4946 <sup>a</sup>	278.6	$1.2 \times 10^{-20}$	0.91 <sup>b</sup>	$1.6 \times 10^{-27}$	$1.4 \times 10^{-26}$	$6.2 \times 10^{-27}$	$1.4 \times 10^{-26}$	$2.9 \times 10^{30}$	$3.8 \times 10^{-8}$	8.6	-4.0	-2.1
J1518+4904 <sup>a</sup>	24.4	$2.3 \times 10^{-20}$	0.96 <sup>b</sup>	$6.3 \times 10^{-28}$	$2.0 \times 10^{-25}$	$8.2 \times 10^{-27}$	$1.8 \times 10^{-26}$	$5.2 \times 10^{32}$	$6.8 \times 10^{-6}$	28	-4.8	-2.8
J1528–3146	16.4	$2.5 \times 10^{-19}$	0.77 <sup>b</sup>	$2.1 \times 10^{-27}$	$1.6 \times 10^{-24}$	$1.8 \times 10^{-26}$	$3.7 \times 10^{-26}$	$1.9 \times 10^{33}$	$2.5 \times 10^{-5}$	18	-4.5	-2.6
J1536–4948	324.7	$2.1 \times 10^{-20}$	0.98 <sup>b</sup>	$2.2 \times 10^{-27}$	$2.0 \times 10^{-26}$	$8.8 \times 10^{-27}$	$2.0 \times 10^{-26}$	$3.5 \times 10^{30}$	$4.5 \times 10^{-8}$	9.5	-3.7	-2.0
J1537+1155 <sup>a</sup>	26.4	$2.4 \times 10^{-18}$	1.05 <sup>p</sup>	$6.1 \times 10^{-27}$	$1.3 \times 10^{-25}$	$7.4 \times 10^{-27}$	$1.6 \times 10^{-26}$	$4.3 \times 10^{32}$	$5.5 \times 10^{-6}$	2.6	-4.9	-2.7
J1544+4937	463.1	$2.9 \times 10^{-21}$	2.99 <sup>b</sup>	$3.1 \times 10^{-28}$	$1.8 \times 10^{-26}$	$1.0 \times 10^{-26}$	$2.2 \times 10^{-26}$	$5.5 \times 10^{30}$	$7.1 \times 10^{-8}$	69	-4.0	-2.1
J1551–0658	141.0	$2.0 \times 10^{-20}$	1.32 <sup>b</sup>	$1.0 \times 10^{-27}$	$2.4 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.1 \times 10^{-26}$	$2.5 \times 10^{31}$	$3.3 \times 10^{-7}$	20	-3.0	-1.5
J1552+5437	411.9	$2.8 \times 10^{-21}$	2.64 <sup>b</sup>	$3.3 \times 10^{-28}$	$2.7 \times 10^{-26}$	$9.1 \times 10^{-27}$	$1.8 \times 10^{-26}$	$5.3 \times 10^{30}$	$6.8 \times 10^{-8}$	56	-3.5	-2.1
J1600–3053	277.9	$8.6 \times 10^{-21\text{g}}$	1.49 <sup>g</sup>	$8.4 \times 10^{-28}$	$1.8 \times 10^{-26}$	$6.6 \times 10^{-27}$	$1.4 \times 10^{-26}$	$4.9 \times 10^{30}$	$6.3 \times 10^{-8}$	17	-4.0	-2.2
J1603–7202 <sup>a</sup>	67.4	$1.4 \times 10^{-20}$	0.53 <sup>f</sup>	$1.5 \times 10^{-27}$	$3.3 \times 10^{-26}$	$5.1 \times 10^{-27}$	$1.0 \times 10^{-26}$	$2.1 \times 10^{31}$	$2.8 \times 10^{-7}$	6.7	-3.7	-2.1
J1614–2230 <sup>a</sup>	317.4	$3.5 \times 10^{-21}$	0.67 <sup>a</sup>	$1.3 \times 10^{-27}$	$1.8 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.4 \times 10^{-26}$	$2.9 \times 10^{30}$	$3.8 \times 10^{-8}$	19	-3.4	-1.6
J1618–3921	83.4	$5.4 \times 10^{-20}$	5.52 <sup>b</sup>	$3.1 \times 10^{-28}$	$2.3 \times 10^{-26}$	$4.2 \times 10^{-27}$	$9.1 \times 10^{-27}$	$1.3 \times 10^{32}$	$1.7 \times 10^{-6}$	29	-4.0	-2.1
J1623–2631 <sup>c</sup>	90.3	$8.8 \times 10^{-20}$	1.80 <sup>f</sup>	$1.3 \times 10^{-27}$	$2.7 \times 10^{-26}$	$4.1 \times 10^{-27}$	$8.9 \times 10^{-27}$	$3.6 \times 10^{31}$	$4.6 \times 10^{-7}$	7	-3.7	-2.1
J1623–5005	11.8	$4.2 \times 10^{-15}$	...	...	$1.0 \times 10^{-23}$	$7.4 \times 10^{-26}$	$1.5 \times 10^{-25}$	...	...	...	-3.9	-2.3
J1628–3205	311.4	$1.3 \times 10^{-20}$	1.22 <sup>b</sup>	$1.3 \times 10^{-27}$	$1.6 \times 10^{-26}$	$8.4 \times 10^{-27}$	$1.7 \times 10^{-26}$	$4.0 \times 10^{30}$	$5.2 \times 10^{-8}$	13	-4.0	-2.1
J1630+37	301.4	$1.1 \times 10^{-20}$	1.18 <sup>b</sup>	$1.2 \times 10^{-27}$	$1.6 \times 10^{-26}$	$1.6 \times 10^{-26}$	$3.3 \times 10^{-26}$	$7.7 \times 10^{30}$	$1.0 \times 10^{-7}$	27	-3.3	-1.4
J1640+2224 <sup>a</sup>	316.1	$1.3 \times 10^{-21}$	1.52 <sup>r</sup>	$3.4 \times 10^{-28}$	$2.6 \times 10^{-26}$	$9.9 \times 10^{-27}$	$1.9 \times 10^{-26}$	$5.3 \times 10^{30}$	$6.9 \times 10^{-8}$	57	-3.5	-2.0
J1643–1224	216.4	$1.8 \times 10^{-20\text{g}}$	0.76 <sup>g</sup>	$1.1 \times 10^{-27}$	$1.8 \times 10^{-26}$	$5.9 \times 10^{-27}$	$1.2 \times 10^{-26}$	$3.7 \times 10^{30}$	$4.8 \times 10^{-8}$	5.9	-3.9	-2.1
J1653–2054	242.2	$1.1 \times 10^{-20}$	2.63 <sup>b</sup>	$5.0 \times 10^{-28}$	$1.5 \times 10^{-26}$	$6.1 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.1 \times 10^{31}$	$1.4 \times 10^{-7}$	26	-3.9	-2.1
J1658–5324 <sup>a</sup>	410.0	$1.1 \times 10^{-20}$	0.88 <sup>b</sup>	$1.9 \times 10^{-27}$	$1.4 \times 10^{-26}$	$2.4 \times 10^{-26}$	$4.9 \times 10^{-26}$	$4.7 \times 10^{30}$	$6.0 \times 10^{-8}$	25	-2.6	-0.7
J1710+49	310.5	$1.8 \times 10^{-20}$	0.51 <sup>b</sup>	$3.8 \times 10^{-27}$	$2.0 \times 10^{-26}$	$5.6 \times 10^{-27}$	$1.2 \times 10^{-26}$	$1.2 \times 10^{30}$	$1.6 \times 10^{-8}$	3.3	-4.1	-2.3
J1713+0747	218.8	$8.1 \times 10^{-21\text{g}}$	1.11 <sup>g</sup>	$9.7 \times 10^{-28}$	$1.8 \times 10^{-26}$	$8.4 \times 10^{-27}$	$1.7 \times 10^{-26}$	$7.0 \times 10^{30}$	$9.1 \times 10^{-8}$	17	-3.5	-1.8
J1719–1438 <sup>b</sup>	172.7	...	0.34 <sup>b</sup>	...	$1.7 \times 10^{-26}$	$7.4 \times 10^{-27}$	$1.5 \times 10^{-26}$	$3.1 \times 10^{30}$	$4.0 \times 10^{-8}$	...	-4.3	-2.5
J1721–2457 <sup>b</sup>	286.0	...	1.37 <sup>b</sup>	...	$1.6 \times 10^{-26}$	$7.2 \times 10^{-27}$	$1.5 \times 10^{-26}$	$4.7 \times 10^{30}$	$6.0 \times 10^{-8}$	...	-4.0	-2.1
J1727–2946 <sup>a</sup>	36.9	$2.4 \times 10^{-19}$	1.88 <sup>b</sup>	$1.3 \times 10^{-27}$	$1.0 \times 10^{-25}$	$8.0 \times 10^{-27}$	$1.8 \times 10^{-26}$	$4.6 \times 10^{32}$	$5.9 \times 10^{-6}$	14	-4.0	-2.2
J1729–2117	15.1	$1.7 \times 10^{-19}$	0.97 <sup>b</sup>	$1.3 \times 10^{-27}$	$2.0 \times 10^{-24}$	$3.7 \times 10^{-26}$	$7.6 \times 10^{-26}$	$5.9 \times 10^{33}$	$7.7 \times 10^{-5}$	57	-4.1	-2.1
J1730–2304	123.1	$1.0 \times 10^{-20\text{g}}$	0.90 <sup>g</sup>	$9.9 \times 10^{-28}$	$2.0 \times 10^{-26}$	$4.4 \times 10^{-27}$	$9.3 \times 10^{-27}$	$1.0 \times 10^{31}$	$1.3 \times 10^{-7}$	9.4	-3.8	-2.1
J1732–5049 <sup>a</sup>	188.2	$1.2 \times 10^{-20}$	4.22 <sup>s</sup>	$2.8 \times 10^{-28}$	$1.4 \times 10^{-26}$	$5.0 \times 10^{-27}$	$1.1 \times 10^{-26}$	$2.3 \times 10^{31}$	$3.0 \times 10^{-7}$	37	-4.1	-2.2
J1738+0333	170.9	$2.2 \times 10^{-20\text{t}}$	1.47 <sup>t</sup>	$1.1 \times 10^{-27}$	$1.5 \times 10^{-26}$	$4.8 \times 10^{-27}$	$1.0 \times 10^{-26}$	$9.3 \times 10^{30}$	$1.2 \times 10^{-7}$	9.5	-4.6	-2.7
J1741+1351 <sup>a</sup>	266.9	$2.9 \times 10^{-20}$	1.08 <sup>u</sup>	$2.1 \times 10^{-27}$	$2.0 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.2 \times 10^{-26}$	$6.0 \times 10^{30}$	$7.8 \times 10^{-8}$	11	-3.3	-1.5
J1744–1134	245.4	$7.0 \times 10^{-21\text{g}}$	0.42 <sup>g</sup>	$2.5 \times 10^{-27}$	$2.1 \times 10^{-26}$	$1.3 \times 10^{-26}$	$2.5 \times 10^{-26}$	$3.2 \times 10^{30}$	$4.1 \times 10^{-8}$	10	-2.7	-1.1
J1744–7619 <sup>b</sup>	213.3	...	...	...	$1.3 \times 10^{-26}$	$6.6 \times 10^{-27}$	$1.4 \times 10^{-26}$	...	...	...	-4.0	-2.0
J1745+1017 <sup>a</sup>	377.1	$2.2 \times 10^{-21}$	1.21 <sup>b</sup>	$6.0 \times 10^{-28}$	$1.6 \times 10^{-26}$	$7.4 \times 10^{-27}$	$1.6 \times 10^{-26}$	$2.5 \times 10^{30}$	$3.3 \times 10^{-8}$	27	-4.1	-2.3
J1747–4036 <sup>a</sup>	607.7	$1.1 \times 10^{-20}$	7.15 <sup>b</sup>	$2.9 \times 10^{-28}$	$2.9 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.6 \times 10^{-26}$	$9.3 \times 10^{30}$	$1.2 \times 10^{-7}$	90	-3.9	-2.1
J1748–2446A <sup>c</sup>	86.5	$9.2 \times 10^{-20}$	5.50 <sup>v</sup>	$4.1 \times 10^{-28}$	$2.1 \times 10^{-26}$	$6.9 \times 10^{-27}$	$1.4 \times 10^{-26}$	$1.8 \times 10^{32}$	$2.4 \times 10^{-6}$	33	-3.8	-1.8
J1748–30 <sup>b</sup>	103.3	...	13.81 <sup>b</sup>	...	$3.5 \times 10^{-26}$	$6.6 \times 10^{-27}$	$1.4 \times 10^{-26}$	$3.3 \times 10^{32}$	$4.3 \times 10^{-6}$	...	-3.0	-1.8
J1750–2536	28.8	$8.1 \times 10^{-20}$	3.22 <sup>b</sup>	$3.8 \times 10^{-28}$	$1.2 \times 10^{-25}$	$1.1 \times 10^{-26}$	$2.0 \times 10^{-26}$	$1.4 \times 10^{33}$	$1.8 \times 10^{-5}$	52	-4.6	-2.4
J1751–2857 <sup>a</sup>	255.4	$1.0 \times 10^{-20}$	1.09 <sup>b</sup>	$1.2 \times 10^{-27}$	$1.5 \times 10^{-26}$	$8.5 \times 10^{-27}$	$1.8 \times 10^{-26}$	$5.5 \times 10^{30}$	$7.2 \times 10^{-8}$	15	-3.8	-2.0
J1753–1914	15.9	$2.0 \times 10^{-18}$	2.91 <sup>b</sup>	$1.6 \times 10^{-27}$	$1.9 \times 10^{-24}$	$2.3 \times 10^{-26}$	$4.7 \times 10^{-26}$	$9.9 \times 10^{33}$	$1.3 \times 10^{-4}$	30	-4.5	-2.7
J1753–2240	10.5	$9.7 \times 10^{-19}$	3.23 <sup>b</sup>	$8.0 \times 10^{-28}$	$2.2 \times 10^{-23}$	$1.6 \times 10^{-25}$	$3.2 \times 10^{-25}$	$1.7 \times 10^{35}$	$2.2 \times 10^{-3}$	410	-4.0	-2.2
J1756–2251 <sup>a</sup>	35.1	$1.0 \times 10^{-18}$	0.73 <sup>w</sup>	$6.6 \times 10^{-27}$	$5.7 \times 10^{-26}$	$7.1 \times 10^{-27}$	$1.5 \times 10^{-26}$	$1.6 \times 10^{32}$	$2.1 \times 10^{-6}$	2.3	-4.8	-2.3
J1757–27	56.5	$2.1 \times 10^{-19}$	8.12 <sup>b</sup>	$3.4 \times 10^{-28}$	$3.4 \times 10^{-26}$	$7.2 \times 10^{-27}$	$1.4 \times 10^{-26}$	$6.3 \times 10^{32}$	$8.2 \times 10^{-6}$	40	-4.1	-2.0
J1801–1417 <sup>a</sup>	275.9	$3.8 \times 10^{-21}$	1.10 <sup>b</sup>	$7.5 \times 10^{-28}$	$2.0 \times 10^{-26}$	$8.1 \times 10^{-27}$	$1.8 \times 10^{-26}$	$4.7 \times 10^{30}$	$6.1 \times 10^{-8}$	24	-3.7	-1.9
J1801–3210 <sup>b</sup>	134.2	...	6.12 <sup>b</sup>	...	$1.3 \times 10^{-26}$	$4.1 \times 10^{-27}$	$9.0 \times 10^{-27}$	$5.6 \times 10^{31}$	$7.2 \times 10^{-7}$	...	-4.1	-2.1
J1802–2124	79.1	$7.2 \times 10^{-20\text{g}}$	0.64 <sup>g</sup>	$3.0 \times 10^{-27}$	$2.5 \times 10^{-26}$	$4.4 \times 10^{-27}$	$9.4 \times 10^{-27}$	$1.8 \times 10^{31}$	$2.3 \times 10^{-7}$	3.1	-4.0	-2.1
J1804–0735 <sup>c</sup>	43.3	$1.8 \times 10^{-19}$	7.80 <sup>x</sup>	$2.9 \times 10^{-28}$	$4.4 \times 10^{-26}$	$6.4 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.0 \times 10^{33}$	$1.3 \times 10^{-5}$	45	-4.7	-2.3
J1804–2717 <sup>a</sup>	107.0	$3.5 \times 10^{-20}$	0.80 <sup>b</sup>	$1.9 \times 10^{-27}$	$1.8 \times 10^{-26}$	$4.7 \times 10^{-27}$	$9.8 \times 10^{-27}$	$1.2 \times 10^{31}$	$1.6 \times 10^{-7}$	5	-3.8	-2.0

**Table 2**  
(Continued)

Pulsar Name (J2000)	$f_{\text{rot}}$ (Hz)	$\dot{P}_{\text{rot}1}$ (s s <sup>-1</sup> )	Distance (kpc)	$h_0^{\text{sd}}$	$C_{21}^{95\%}$	$C_{22}^{95\%}$	$h_0^{95\%}$	$Q_{23}^{95\%}$ (kg m <sup>2</sup> )	$\epsilon^{95\%}$	$h_0^{95\%}/h_0^{\text{sd}}$	$\mathcal{O}_{m=1,2}^{J=2}$	$\mathcal{O}_{m=2}^{J=2}$
J1807–2459A <sup>c</sup>	326.9	$2.4 \times 10^{-20}$	2.79 <sup>y</sup>	$8.1 \times 10^{-28}$	$1.8 \times 10^{-26}$	$2.1 \times 10^{-26}$	$4.2 \times 10^{-26}$	$2.0 \times 10^{31}$	$2.6 \times 10^{-7}$	52	-2.5	-0.5
J1810+1744	601.4	$4.5 \times 10^{-21}$	2.36 <sup>b</sup>	$5.6 \times 10^{-28}$	$2.0 \times 10^{-26}$	$1.6 \times 10^{-26}$	$3.5 \times 10^{-26}$	$4.2 \times 10^{30}$	$5.4 \times 10^{-8}$	63	-4.0	-1.9
J1810–2005 <sup>a</sup>	30.5	$5.3 \times 10^{-20}$	3.51 <sup>b</sup>	$2.9 \times 10^{-28}$	$2.0 \times 10^{-25}$	$6.3 \times 10^{-27}$	$1.6 \times 10^{-26}$	$1.1 \times 10^{33}$	$1.5 \times 10^{-5}$	56	-3.9	-2.6
J1811–2405	375.9	$1.3 \times 10^{-20\text{kk}}$	1.83 <sup>b</sup>	$9.7 \times 10^{-28}$	$2.0 \times 10^{-26}$	$1.0 \times 10^{-26}$	$2.1 \times 10^{-26}$	$4.9 \times 10^{30}$	$6.3 \times 10^{-8}$	21	-3.9	-2.1
J1813–2621 <sup>b</sup>	225.7	...	3.01 <sup>b</sup>	...	$1.6 \times 10^{-26}$	$5.1 \times 10^{-27}$	$1.1 \times 10^{-26}$	$1.2 \times 10^{31}$	$1.5 \times 10^{-7}$	...	-4.0	-2.1
J1816+4510 <sup>a</sup>	313.2	$4.3 \times 10^{-20}$	4.36 <sup>b</sup>	$6.8 \times 10^{-28}$	$1.9 \times 10^{-26}$	$7.0 \times 10^{-27}$	$1.4 \times 10^{-26}$	$1.1 \times 10^{31}$	$1.5 \times 10^{-7}$	21	-3.9	-2.1
J1823–3021A	183.8	$3.4 \times 10^{-18}$	8.40 <sup>aa</sup>	$2.4 \times 10^{-27}$	$2.7 \times 10^{-26}$	$9.7 \times 10^{-27}$	$2.0 \times 10^{-26}$	$9.3 \times 10^{31}$	$1.2 \times 10^{-6}$	8.6	-2.6	-1.1
J1824–2452A	327.4	$1.6 \times 10^{-18}$	5.10 <sup>bb</sup>	$3.6 \times 10^{-27}$	$2.3 \times 10^{-26}$	$1.0 \times 10^{-26}$	$2.0 \times 10^{-26}$	$1.7 \times 10^{31}$	$2.3 \times 10^{-7}$	5.5	-3.9	-2.0
J1825–0319	219.6	$6.8 \times 10^{-21}$	3.86 <sup>b</sup>	$2.6 \times 10^{-28}$	$2.3 \times 10^{-26}$	$7.9 \times 10^{-27}$	$1.5 \times 10^{-26}$	$2.2 \times 10^{31}$	$2.9 \times 10^{-7}$	60	-3.5	-1.9
J1827–0849	445.9	$1.1 \times 10^{-20}$	...	...	$2.2 \times 10^{-26}$	$9.6 \times 10^{-27}$	$2.1 \times 10^{-26}$	...	...	...	-4.0	-2.2
J1832–0836 <sup>b</sup>	367.8	...	2.50 <sup>a</sup>	...	$2.2 \times 10^{-26}$	$6.9 \times 10^{-27}$	$1.4 \times 10^{-26}$	$4.8 \times 10^{30}$	$6.3 \times 10^{-8}$	...	-4.1	-2.3
J1840–0643	28.1	$2.2 \times 10^{-16}$	5.01 <sup>b</sup>	$1.3 \times 10^{-26}$	$9.1 \times 10^{-26}$	$1.8 \times 10^{-26}$	$3.5 \times 10^{-26}$	$4.0 \times 10^{33}$	$5.2 \times 10^{-5}$	2.8	-3.5	-1.2
J1841+0130	33.6	$8.2 \times 10^{-18}$	4.23 <sup>b</sup>	$3.2 \times 10^{-27}$	$7.3 \times 10^{-26}$	$6.4 \times 10^{-27}$	$1.4 \times 10^{-26}$	$9.6 \times 10^{32}$	$1.2 \times 10^{-5}$	4.4	-4.6	-2.4
J1843–1113	541.8	$9.4 \times 10^{-21\text{g}}$	1.48 <sup>s</sup>	$1.2 \times 10^{-27}$	$2.2 \times 10^{-26}$	$2.2 \times 10^{-26}$	$4.6 \times 10^{-26}$	$4.2 \times 10^{30}$	$5.5 \times 10^{-8}$	37	-3.6	-1.6
J1844+0115	238.9	$1.1 \times 10^{-20}$	4.36 <sup>b</sup>	$3.0 \times 10^{-28}$	$1.4 \times 10^{-26}$	$6.2 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.9 \times 10^{31}$	$2.4 \times 10^{-7}$	45	-4.0	-2.1
J1850+0124	280.9	$1.1 \times 10^{-20}$	3.39 <sup>b</sup>	$4.2 \times 10^{-28}$	$1.8 \times 10^{-26}$	$7.5 \times 10^{-27}$	$1.6 \times 10^{-26}$	$1.3 \times 10^{31}$	$1.6 \times 10^{-7}$	39	-3.8	-2.1
J1853+1303 <sup>a</sup>	244.4	$8.7 \times 10^{-21}$	1.32 <sup>b</sup>	$8.9 \times 10^{-28}$	$2.5 \times 10^{-26}$	$9.8 \times 10^{-27}$	$2.2 \times 10^{-26}$	$8.9 \times 10^{30}$	$1.1 \times 10^{-7}$	25	-3.4	-1.8
J1855–1436	278.2	$1.1 \times 10^{-20}$	5.15 <sup>b</sup>	$2.7 \times 10^{-28}$	$2.3 \times 10^{-26}$	$1.0 \times 10^{-26}$	$2.0 \times 10^{-26}$	$2.5 \times 10^{31}$	$3.2 \times 10^{-7}$	74	-3.4	-1.8
J1857+0943	186.5	$1.7 \times 10^{-20\text{g}}$	1.10 <sup>g</sup>	$1.3 \times 10^{-27}$	$1.3 \times 10^{-26}$	$4.5 \times 10^{-27}$	$1.0 \times 10^{-26}$	$5.8 \times 10^{30}$	$7.6 \times 10^{-8}$	7.7	-4.2	-2.2
J1858–2216	419.5	$3.9 \times 10^{-21}$	0.92 <sup>b</sup>	$1.1 \times 10^{-27}$	$2.4 \times 10^{-26}$	$8.7 \times 10^{-27}$	$1.9 \times 10^{-26}$	$1.8 \times 10^{30}$	$2.4 \times 10^{-8}$	17	-3.8	-2.1
J1900+0308	203.7	$5.9 \times 10^{-21}$	4.80 <sup>b</sup>	$1.8 \times 10^{-28}$	$2.1 \times 10^{-26}$	$5.0 \times 10^{-27}$	$1.1 \times 10^{-26}$	$2.3 \times 10^{31}$	$2.9 \times 10^{-7}$	58	-3.8	-2.2
J1902–5105 <sup>a</sup>	573.9	$8.7 \times 10^{-21}$	1.65 <sup>b</sup>	$1.1 \times 10^{-27}$	$2.1 \times 10^{-26}$	$1.4 \times 10^{-26}$	$2.9 \times 10^{-26}$	$2.7 \times 10^{30}$	$3.5 \times 10^{-8}$	27	-4.1	-2.1
J1903+0327 <sup>a</sup>	465.1	$2.0 \times 10^{-20}$	6.11 <sup>b</sup>	$3.0 \times 10^{-28}$	$2.5 \times 10^{-26}$	$9.7 \times 10^{-27}$	$2.1 \times 10^{-26}$	$1.1 \times 10^{31}$	$1.4 \times 10^{-7}$	52	-3.9	-2.1
J1903–7051 <sup>a</sup>	277.9	$7.7 \times 10^{-21}$	0.93 <sup>b</sup>	$1.3 \times 10^{-27}$	$2.0 \times 10^{-26}$	$7.2 \times 10^{-27}$	$1.6 \times 10^{-26}$	$3.5 \times 10^{30}$	$4.5 \times 10^{-8}$	13	-3.7	-2.0
J1904+0412	14.1	$1.1 \times 10^{-19}$	4.58 <sup>b</sup>	$2.2 \times 10^{-28}$	$3.6 \times 10^{-24}$	$4.3 \times 10^{-26}$	$7.9 \times 10^{-26}$	$3.3 \times 10^{34}$	$4.3 \times 10^{-4}$	360	-4.3	-2.3
J1904+0451	164.1	$5.7 \times 10^{-21}$	4.40 <sup>b</sup>	$1.8 \times 10^{-28}$	$1.5 \times 10^{-26}$	$4.9 \times 10^{-27}$	$1.1 \times 10^{-26}$	$3.2 \times 10^{31}$	$4.1 \times 10^{-7}$	60	-4.2	-2.3
J1905+0400 <sup>a</sup>	264.2	$4.2 \times 10^{-21}$	1.06 <sup>b</sup>	$1.0 \times 10^{-28}$	$1.4 \times 10^{-26}$	$8.3 \times 10^{-27}$	$1.8 \times 10^{-26}$	$4.9 \times 10^{30}$	$6.4 \times 10^{-8}$	22	-3.9	-1.9
J1908+2105	390.0	$1.4 \times 10^{-20}$	2.58 <sup>b</sup>	$7.3 \times 10^{-28}$	$2.5 \times 10^{-26}$	$1.3 \times 10^{-26}$	$2.5 \times 10^{-26}$	$7.7 \times 10^{30}$	$9.9 \times 10^{-8}$	34	-3.4	-1.9
J1909–3744	339.3	$2.7 \times 10^{-21\text{g}}$	1.15 <sup>g</sup>	$6.7 \times 10^{-28}$	$2.5 \times 10^{-26}$	$1.6 \times 10^{-26}$	$3.2 \times 10^{-26}$	$5.8 \times 10^{30}$	$7.5 \times 10^{-8}$	47	-3.1	-1.3
J1910+1256	200.7	$9.3 \times 10^{-21\text{g}}$	1.16 <sup>s</sup>	$9.5 \times 10^{-28}$	$2.5 \times 10^{-26}$	$5.5 \times 10^{-27}$	$1.2 \times 10^{-26}$	$6.4 \times 10^{30}$	$8.3 \times 10^{-8}$	13	-3.5	-2.1
J1910–5959A <sup>c</sup>	306.2	$2.6 \times 10^{-20}$	4.50 <sup>ee</sup>	$5.0 \times 10^{-28}$	$1.9 \times 10^{-26}$	$6.3 \times 10^{-27}$	$1.4 \times 10^{-26}$	$1.2 \times 10^{31}$	$1.6 \times 10^{-7}$	27	-4.1	-2.2
J1910–5959C <sup>c</sup>	189.5	$4.2 \times 10^{-20}$	4.50 <sup>ee</sup>	$5.0 \times 10^{-28}$	$1.6 \times 10^{-26}$	$4.9 \times 10^{-27}$	$1.1 \times 10^{-26}$	$2.4 \times 10^{31}$	$3.1 \times 10^{-7}$	21	-3.9	-2.2
J1910–5959D <sup>c</sup>	110.7	$7.2 \times 10^{-20}$	4.50 <sup>ee</sup>	$5.0 \times 10^{-28}$	$2.2 \times 10^{-26}$	$5.3 \times 10^{-27}$	$1.2 \times 10^{-26}$	$7.7 \times 10^{31}$	$1.0 \times 10^{-6}$	23	-3.4	-1.9
J1911+1347 <sup>a</sup>	216.2	$1.7 \times 10^{-20}$	1.36 <sup>b</sup>	$1.1 \times 10^{-27}$	$1.5 \times 10^{-26}$	$5.2 \times 10^{-27}$	$1.2 \times 10^{-26}$	$6.1 \times 10^{30}$	$7.9 \times 10^{-8}$	10	-4.0	-2.1
J1911–1114 <sup>a</sup>	275.8	$1.1 \times 10^{-20}$	1.07 <sup>b</sup>	$1.3 \times 10^{-27}$	$1.7 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.2 \times 10^{-26}$	$5.6 \times 10^{30}$	$7.2 \times 10^{-8}$	16	-3.5	-1.6
J1914+0659	54.0	$3.1 \times 10^{-20}$	8.47 <sup>b</sup>	$1.2 \times 10^{-28}$	$2.7 \times 10^{-26}$	$4.3 \times 10^{-27}$	$9.1 \times 10^{-27}$	$4.8 \times 10^{32}$	$6.2 \times 10^{-6}$	74	-4.7	-2.2
J1915+1606 <sup>a</sup>	16.9	$8.6 \times 10^{-18}$	5.25 <sup>b</sup>	$1.9 \times 10^{-27}$	$1.2 \times 10^{-24}$	$1.6 \times 10^{-26}$	$3.1 \times 10^{-26}$	$1.0 \times 10^{34}$	$1.4 \times 10^{-4}$	17	-5.8	-2.7
J1918–0642 <sup>a</sup>	130.8	$2.4 \times 10^{-20}$	1.10 <sup>a</sup>	$1.3 \times 10^{-27}$	$1.9 \times 10^{-26}$	$7.0 \times 10^{-27}$	$1.5 \times 10^{-26}$	$1.7 \times 10^{31}$	$2.2 \times 10^{-7}$	11	-3.6	-1.7
J1921+0137	400.6	$1.9 \times 10^{-20}$	5.06 <sup>b</sup>	$4.4 \times 10^{-28}$	$4.1 \times 10^{-26}$	$9.1 \times 10^{-27}$	$1.7 \times 10^{-26}$	$1.0 \times 10^{31}$	$1.3 \times 10^{-7}$	40	-2.9	-2.1
J1923+2515 <sup>a</sup>	264.0	$7.0 \times 10^{-21}$	1.20 <sup>b</sup>	$9.1 \times 10^{-28}$	$1.9 \times 10^{-26}$	$5.7 \times 10^{-27}$	$1.3 \times 10^{-26}$	$4.0 \times 10^{30}$	$5.1 \times 10^{-8}$	14	-4.0	-2.2
J1932+17	23.9	$4.1 \times 10^{-19}$	2.07 <sup>b</sup>	$1.2 \times 10^{-27}$	$2.1 \times 10^{-25}$	$2.0 \times 10^{-26}$	$4.0 \times 10^{-26}$	$2.6 \times 10^{33}$	$3.4 \times 10^{-5}$	32	-4.0	-2.0
J1939+2134	641.9	$1.1 \times 10^{-19\text{g}}$	3.27 <sup>g</sup>	$2.0 \times 10^{-27}$	$2.7 \times 10^{-26}$	$2.3 \times 10^{-26}$	$4.6 \times 10^{-26}$	$6.6 \times 10^{30}$	$8.6 \times 10^{-8}$	23	-3.3	-1.4
J1943+2210	196.7	$8.8 \times 10^{-21}$	6.78 <sup>b</sup>	$1.6 \times 10^{-28}$	$1.8 \times 10^{-26}$	$6.3 \times 10^{-27}$	$1.4 \times 10^{-26}$	$4.3 \times 10^{31}$	$5.6 \times 10^{-7}$	86	-3.8	-2.0
J1944+0907 <sup>a</sup>	192.9	$3.8 \times 10^{-21}$	1.22 <sup>b</sup>	$5.7 \times 10^{-28}$	$2.2 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.2 \times 10^{-26}$	$1.3 \times 10^{31}$	$1.7 \times 10^{-7}$	38	-2.7	-1.3
J1946+3417 <sup>b</sup>	315.4	...	6.97 <sup>b</sup>	...	$2.0 \times 10^{-26}$	$6.4 \times 10^{-27}$	$1.4 \times 10^{-26}$	$1.8 \times 10^{31}$	$2.3 \times 10^{-7}$	...	-4.0	-2.1
J1946–5403	368.9	$2.7 \times 10^{-21}$	1.15 <sup>b</sup>	$7.0 \times 10^{-28}$	$1.9 \times 10^{-26}$	$7.8 \times 10^{-27}$	$1.7 \times 10^{-26}$	$2.6 \times 10^{30}$	$3.4 \times 10^{-8}$	24	-4.0	-2.1
J1950+2414	232.3	$1.9 \times 10^{-20}$	7.27 <sup>b</sup>	$2.3 \times 10^{-28}$	$1.6 \times 10^{-26}$	$9.7 \times 10^{-27}$	$1.9 \times 10^{-26}$	$4.8 \times 10^{31}$	$6.2 \times 10^{-7}$	83	-3.5	-1.6
J1955+2527 <sup>a</sup>	205.2	$1.1 \times 10^{-20}$	8.18 <sup>b</sup>	$1.5 \times 10^{-28}$	$1.7 \times 10^{-26}$	$8.1 \times 10^{-27}$	$1.7 \times 10^{-26}$	$5.9 \times 10^{31}$	$7.6 \times 10^{-7}$	110	-3.5	-1.8
J1955+2908 <sup>a</sup>	163.0	$3.1 \times 10^{-20}$	6.30 <sup>b</sup>	$2.9 \times 10^{-28}$	$2.1 \times 10^{-26}$	$5.9 \times 10^{-27}$	$1.3 \times 10^{-26}$	$5.7 \times 10^{31}$	$7.4 \times 10^{-7}$	46	-3.7	-2.1
J1959+2048 <sup>a</sup>	622.1	$1.1 \times 10^{-20}$	1.73 <sup>b</sup>	$1.2 \times 10^{-27}$	$2.8 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.5 \times 10^{-26}$	$2.1 \times 10^{30}$	$2.7 \times 10^{-8}$	21	-4.1	-2.2
J2007+2722	40.8	$9.6 \times 10^{-19}$	7.10 <sup>b</sup>	$7.1 \times 10^{-28}$	$5.7 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.2 \times 10^{-26}$	$1.7 \times 10^{33}$	$2.2 \times 10^{-5}$	30	-3.7	-1.5
J2010–1323 <sup>a</sup>	191.5	$4.0 \times 10^{-21}$	1.16 <sup>b</sup>	$6.1 \times 10^{-28}$	$3.0 \times 10^{-26}$	$9.1 \times 10^{-27}$	$2.1 \times 10^{-26}$	$1.2 \times 10^{31}$	$1.6 \times 10^{-7}$	34	-2.9	-1.7

**Table 2**  
(Continued)

Pulsar Name (J2000)	$f_{\text{rot}}$ (Hz)	$\dot{P}_{\text{rot}}^{\text{a}}$ (s s <sup>-1</sup> )	Distance (kpc)	$h_0^{\text{sd}}$	$C_{21}^{95\%}$	$C_{22}^{95\%}$	$h_0^{95\%}$	$Q_{22}^{95\%}$ (kg m <sup>2</sup> )	$\epsilon^{95\%}$	$h_0^{95\%}/h_0^{\text{sd}}$	$\mathcal{O}_{m=1,2}^{J=2}$	$\mathcal{O}_{m=2}^{J=2}$
J2017+0603 <sup>a</sup>	345.3	$8.0 \times 10^{-21}$	1.40 <sup>b</sup>	$9.6 \times 10^{-28}$	$2.4 \times 10^{-26}$	$1.3 \times 10^{-26}$	$2.7 \times 10^{-26}$	$5.8 \times 10^{30}$	$7.5 \times 10^{-8}$	28	-4.0	-1.6
J2017-1614	432.1	$2.4 \times 10^{-21}$	1.44 <sup>b</sup>	$5.7 \times 10^{-28}$	$1.7 \times 10^{-26}$	$1.4 \times 10^{-26}$	$3.0 \times 10^{-26}$	$4.2 \times 10^{30}$	$5.4 \times 10^{-8}$	52	-3.7	-1.7
J2019+2425 <sup>a</sup>	254.2	$1.6 \times 10^{-21}$	1.16 <sup>b</sup>	$4.4 \times 10^{-28}$	$2.8 \times 10^{-26}$	$1.4 \times 10^{-26}$	$3.3 \times 10^{-26}$	$1.1 \times 10^{31}$	$1.4 \times 10^{-7}$	75	-3.3	-1.7
J2033+1734 <sup>a</sup>	168.1	$8.4 \times 10^{-21}$	1.74 <sup>b</sup>	$5.5 \times 10^{-28}$	$1.4 \times 10^{-26}$	$7.8 \times 10^{-27}$	$1.6 \times 10^{-26}$	$1.8 \times 10^{31}$	$2.3 \times 10^{-7}$	28	-3.9	-2.0
J2042+0246	220.6	$1.4 \times 10^{-20}$	0.64 <sup>b</sup>	$2.2 \times 10^{-27}$	$2.1 \times 10^{-26}$	$6.9 \times 10^{-27}$	$1.4 \times 10^{-26}$	$3.3 \times 10^{30}$	$4.2 \times 10^{-8}$	6.1	-3.6	-2.0
J2043+1711 <sup>a</sup>	420.2	$4.1 \times 10^{-21}$	1.60 <sup>a</sup>	$6.6 \times 10^{-28}$	$2.6 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.2 \times 10^{-26}$	$3.7 \times 10^{30}$	$4.8 \times 10^{-8}$	34	-3.9	-2.1
J2045+3633 <sup>a</sup>	31.6	$6.0 \times 10^{-19}$	5.63 <sup>b</sup>	$6.2 \times 10^{-28}$	$5.3 \times 10^{-26}$	$9.9 \times 10^{-27}$	$2.1 \times 10^{-26}$	$2.1 \times 10^{33}$	$2.8 \times 10^{-5}$	33	-4.8	-2.3
J2047+1053	233.3	$2.1 \times 10^{-20}$	2.79 <sup>b</sup>	$6.4 \times 10^{-28}$	$3.4 \times 10^{-26}$	$6.1 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.3 \times 10^{31}$	$1.6 \times 10^{-7}$	21	-3.1	-2.1
J2051-0827 <sup>a</sup>	221.8	$1.2 \times 10^{-20}$	1.47 <sup>b</sup>	$9.0 \times 10^{-28}$	$1.9 \times 10^{-26}$	$8.4 \times 10^{-27}$	$1.7 \times 10^{-26}$	$9.4 \times 10^{30}$	$1.2 \times 10^{-7}$	19	-3.6	-1.8
J2052+1218	503.7	$6.7 \times 10^{-21}$	3.92 <sup>b</sup>	$3.8 \times 10^{-28}$	$2.0 \times 10^{-26}$	$9.6 \times 10^{-27}$	$2.1 \times 10^{-26}$	$6.0 \times 10^{30}$	$7.7 \times 10^{-8}$	56	-4.1	-2.3
J2053+4650 <sup>a</sup>	79.5	$1.7 \times 10^{-19}$	3.81 <sup>b</sup>	$7.8 \times 10^{-28}$	$1.9 \times 10^{-26}$	$5.4 \times 10^{-27}$	$1.1 \times 10^{-26}$	$1.3 \times 10^{32}$	$1.6 \times 10^{-6}$	15	-4.1	-1.9
J2129+1210A <sup>c</sup>	9.0	$8.8 \times 10^{-19}$	10.00 <sup>ff</sup>	$2.3 \times 10^{-28}$	...	...	$7.2 \times 10^{-25}$	$1.6 \times 10^{36}$	$2.1 \times 10^{-2}$	3200	-2.5	-1.9
J2129+1210B <sup>c</sup>	17.8	$4.4 \times 10^{-19}$	10.00 <sup>ff</sup>	$2.3 \times 10^{-28}$	$8.9 \times 10^{-25}$	$1.4 \times 10^{-26}$	$2.9 \times 10^{-26}$	$1.7 \times 10^{34}$	$2.2 \times 10^{-4}$	130	-4.9	-2.9
J2129+1210C <sup>c</sup>	32.8	$2.4 \times 10^{-19}$	10.00 <sup>ff</sup>	$2.3 \times 10^{-28}$	$7.2 \times 10^{-26}$	$8.5 \times 10^{-27}$	$1.7 \times 10^{-26}$	$2.9 \times 10^{33}$	$3.7 \times 10^{-5}$	75	-4.8	-2.4
J2129+1210D <sup>c</sup>	208.2	$3.8 \times 10^{-20}$	10.00 <sup>ff</sup>	$2.3 \times 10^{-28}$	$1.7 \times 10^{-26}$	$8.5 \times 10^{-27}$	$1.8 \times 10^{-26}$	$7.5 \times 10^{31}$	$9.7 \times 10^{-7}$	78	-3.6	-1.9
J2129+1210E <sup>c</sup>	215.0	$3.7 \times 10^{-20}$	10.00 <sup>ff</sup>	$2.3 \times 10^{-28}$	$1.9 \times 10^{-26}$	$7.2 \times 10^{-27}$	$1.5 \times 10^{-26}$	$5.9 \times 10^{31}$	$7.6 \times 10^{-7}$	66	-3.8	-2.0
J2145-0750	62.3	$2.9 \times 10^{-20g}$	0.65 <sup>g</sup>	$1.7 \times 10^{-27}$	$2.7 \times 10^{-26}$	$6.9 \times 10^{-27}$	$1.4 \times 10^{-26}$	$4.4 \times 10^{31}$	$5.7 \times 10^{-7}$	8.7	-4.1	-1.8
J2205+60	414.0	$2.0 \times 10^{-20}$	3.53 <sup>b</sup>	$6.5 \times 10^{-28}$	$1.8 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.4 \times 10^{-26}$	$8.9 \times 10^{30}$	$1.2 \times 10^{-7}$	36	-4.0	-1.9
J2214+3000 <sup>a</sup>	320.6	$1.3 \times 10^{-20}$	0.60 <sup>a</sup>	$2.7 \times 10^{-27}$	$2.0 \times 10^{-26}$	$1.3 \times 10^{-26}$	$2.6 \times 10^{-26}$	$2.8 \times 10^{30}$	$3.6 \times 10^{-8}$	9.5	-3.5	-1.7
J2222-0137	30.5	$4.1 \times 10^{-21gg}$	0.27 <sup>gg</sup>	$1.1 \times 10^{-27}$	$8.6 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.2 \times 10^{-26}$	$1.1 \times 10^{32}$	$1.5 \times 10^{-6}$	20	-4.7	-2.3
J2229+2643 <sup>a</sup>	335.8	$1.4 \times 10^{-21}$	1.80 <sup>b</sup>	$3.1 \times 10^{-28}$	$3.2 \times 10^{-26}$	$1.1 \times 10^{-26}$	$2.3 \times 10^{-26}$	$6.6 \times 10^{30}$	$8.5 \times 10^{-8}$	72	-3.2	-1.8
J2234+0611 <sup>a</sup>	279.6	$3.6 \times 10^{-21}$	1.50 <sup>a</sup>	$5.4 \times 10^{-28}$	$2.0 \times 10^{-26}$	$8.9 \times 10^{-27}$	$1.8 \times 10^{-26}$	$6.4 \times 10^{30}$	$8.3 \times 10^{-8}$	34	-3.7	-1.9
J2234+0944 <sup>a</sup>	275.7	$1.3 \times 10^{-20}$	0.80 <sup>a</sup>	$1.9 \times 10^{-27}$	$1.7 \times 10^{-26}$	$7.7 \times 10^{-27}$	$1.6 \times 10^{-26}$	$3.1 \times 10^{30}$	$4.0 \times 10^{-8}$	8.2	-3.9	-2.0
J2235+1506 <sup>a</sup>	16.7	$9.2 \times 10^{-20}$	1.54 <sup>b</sup>	$6.5 \times 10^{-28}$	$1.5 \times 10^{-24}$	$3.3 \times 10^{-26}$	$6.2 \times 10^{-26}$	$6.2 \times 10^{33}$	$8.0 \times 10^{-5}$	95	-3.4	-1.9
J2241-5236	457.3	$6.6 \times 10^{-21}$	0.96 <sup>b</sup>	$1.5 \times 10^{-27}$	$2.5 \times 10^{-26}$	$8.8 \times 10^{-27}$	$2.0 \times 10^{-26}$	$1.6 \times 10^{30}$	$2.1 \times 10^{-8}$	13	-4.1	-2.2
J2256-1024	435.8	$1.1 \times 10^{-20}$	1.33 <sup>b</sup>	$1.3 \times 10^{-27}$	$2.6 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.3 \times 10^{-26}$	$2.9 \times 10^{30}$	$3.8 \times 10^{-8}$	17	-3.7	-2.1
J2310-0555	382.8	$5.0 \times 10^{-21}$	1.55 <sup>b</sup>	$7.2 \times 10^{-28}$	$1.9 \times 10^{-26}$	$9.7 \times 10^{-27}$	$2.0 \times 10^{-26}$	$3.9 \times 10^{30}$	$5.0 \times 10^{-8}$	28	-4.0	-2.1
J2317+1439	290.3	$3.5 \times 10^{-21g}$	1.01 <sup>g</sup>	$8.0 \times 10^{-28}$	$1.5 \times 10^{-26}$	$1.2 \times 10^{-26}$	$2.6 \times 10^{-26}$	$5.6 \times 10^{30}$	$7.2 \times 10^{-8}$	32	-3.6	-1.6
J2322+2057	208.0	$4.4 \times 10^{-22ii}$	0.23 <sup>ii</sup>	$1.1 \times 10^{-27}$	$2.1 \times 10^{-26}$	$6.2 \times 10^{-27}$	$1.3 \times 10^{-26}$	$1.3 \times 10^{30}$	$1.6 \times 10^{-8}$	12	-3.7	-2.0
J2339-0533 <sup>a</sup>	346.7	$6.9 \times 10^{-21}$	1.10 <sup>jj</sup>	$1.1 \times 10^{-27}$	$2.2 \times 10^{-26}$	$8.1 \times 10^{-27}$	$1.8 \times 10^{-26}$	$2.9 \times 10^{30}$	$3.8 \times 10^{-8}$	15	-4.9	-2.4

**Notes.**The following is a list of references for pulsar distances and intrinsic period derivatives, and they should be consulted for information on the associated uncertainties on these quantities: (a) Arzoumanian et al. (2018), (b) Yao et al. (2017), (c) Kothes (2013), (d) Verbiest & Lorimer (2014), (e) Antoniadis et al. (2013), (f) Reardon et al. (2016), (g) Desvignes et al. (2016), (h) Bassa et al. (2016), (i) Deller et al. (2009), (j) Dodson et al. (2003), (k) Mingarelli, private communication, (l) Abbott et al. (2017a), (m) Verbiest et al. (2012), (n) Boyles et al. (2013), (o) Halpern et al. (2013), (p) Fonseca et al. (2014), (q) Braga et al. (2015), (r) Vigeland et al. (2018), (s) Mingarelli et al. (2018), (t) Freire et al. (2012), (u) Espinoza et al. (2013), (v) Ortolani et al. (2007), (w) Ferdman et al. (2014), (x) Harris (1996), (y) Valenti et al. (2010), (z) Marelli et al. (2014), (aa) Valenti et al. (2007), (bb) Rees & Cudworth (1991), (cc) Wang (2011), (dd) Gotthelf et al. (2011), (ee) Gratton et al. (2003), (ff) McNamara et al. (2004), (gg) Deller et al. (2013), (hh) Halpern et al. (2001), (ii) Spiewak et al. (2018), (jj) Romani & Shaw (2011), (kk) Ng et al. (2014).

<sup>a</sup> The observed  $\dot{P}$  has been corrected to account for the relative motion between the pulsar and observer.

<sup>b</sup> The corrected pulsar  $\dot{P}$  value is negative, so no value is given and no spin-down limit has been calculated.

<sup>c</sup> This is a globular cluster pulsar for which a proxy period derivative has been derived assuming a characteristic age of  $10^9$  years and a braking index of  $n = 5$ .

The information in Table 2 is available in the machine readable version of Table 1.