Table 1: Parameters for PSR J1614-2230

Dataset and model summary	
Pulsar name	J1614-2230
MJD range	54724—57922
Data span (yr)	8.76
Number of TOAs	275
TOA paradigm	Wideband
Solar system ephemeris	DE436
Timescale	TT(BIPM2017)
Time unit	TDB
Time ephemeris	FB90
Binary model	ELL1
Number of JUMPs	1
Number of DMJUMPs	2
Number of DMX ranges	114
Number of EFACs	4
Number of EQUADs	4
Number of DMEFACs	4
Number of DMEQUADs	0
Fit summary	
Number of free parameters	130
Fitting method	WLS
RMS TOA residuals (μs)	2.59e-01
RMS DM residuals (pc / cm3)	4.29e-03
χ^2	433.50
Degrees of freedom	419
Measured Quantities	
PX, Parallax (mas)	1.58(9)
ELONG, Ecliptic longitude (deg)	245.788295262(6)
ELAT, Ecliptic latitude (deg)	-1.2568108(3)
PMELONG, Proper motion in ecliptic longitude (mas / yr)	9.49(1)
PMELAT, Proper motion in ecliptic latitude (mas / yr)	-31.1(5)
F0, Spin-frequency (Hz)	317.3789419337929(2)
F1, Spin-frequency derivative 1 (Hz / s)	-9.69442(5)e-16
PB, Orbital period (d)	8.68661942255(5)
PBDOT, Orbital period derivative respect to time	1.6(1)e-12
A1, Projected semi-major axis of pulsar orbit (ls)	11.29119753(6)
M2, Companion mass (solMass)	0.492(2)
SINI, Sine of inclination angle	0.999904(3)
TASC, Epoch of ascending node (d)	56327.015043334(7)
EPS1, First Laplace-Lagrange parameter	9.3(8)e-08
EPS2, Second Laplace-Lagrange parameter	-1.336(5)e-06
Set Quantities	
POSEPOCH, Reference epoch for position (d)	56323.000000
PEPOCH, Reference epoch for spin-down (d)	56323.000000
SWP, Solar Wind Model radial power-law index (only for SWM=1)	2.000000
DM, Dispersion measure (pc / cm3)	34.491758
Derived Quantities	
ECC, Eccentricity	0.000001
OM, Longitude of periastron (deg)	175.999755