

ID	name	RMSE		MAE		ME		R ²		m		τ		ES	
EXT09	clogP (Biobyte)	0.23	[0.16, 0.29]	0.17	[0.12, 0.23]	0.01	[-0.07, 0.10]	0.94	[0.86, 0.98]	0.94	[0.80, 1.02]	0.85	[0.74, 0.93]	0.27	[0.08, 0.42]
EXT12	MoKa.logP	0.28	[0.20, 0.35]	0.22	[0.16, 0.28]	0.03	[-0.07, 0.14]	0.91	[0.81, 0.97]	0.93	[0.75, 1.05]	0.83	[0.72, 0.91]	0.23	[0.08, 0.41]
EXT11	logP(o/w) (MOE)	0.32	[0.22, 0.41]	0.24	[0.17, 0.32]	0.11	[-0.00, 0.22]	0.90	[0.81, 0.95]	0.85	[0.75, 1.02]	0.80	[0.66, 0.91]	0.28	[0.11, 0.48]
EXT10	h_logP (MOE)	0.43	[0.33, 0.51]	0.35	[0.26, 0.44]	0.17	[0.02, 0.32]	0.83	[0.63, 0.94]	0.91	[0.67, 1.06]	0.74	[0.55, 0.90]	0.09	[0.01, 0.25]
EXT13	SlogP (MOE)	0.59	[0.48, 0.69]	0.49	[0.36, 0.62]	0.28	[0.08, 0.48]	0.71	[0.41, 0.87]	0.84	[0.60, 1.04]	0.55	[0.34, 0.73]	0.13	[0.01, 0.26]
EXT02	YANK-GAFF-TIP3P-wet-oct	0.91	[0.72, 1.10]	0.78	[0.61, 0.96]	0.41	[0.08, 0.70]	0.58	[0.33, 0.78]	1.04	[0.66, 1.54]	0.55	[0.32, 0.73]	1.25	[1.15, 1.34]
EXT08	YANK-SMIRNOFF-TIP3P-dry-oct	1.01	[0.68, 1.34]	0.78	[0.55, 1.04]	0.39	[0.04, 0.74]	0.49	[0.11, 0.78]	0.99	[0.42, 1.44]	0.46	[0.14, 0.71]	1.25	[1.12, 1.36]
EXT05	YANK-SMIRNOFF-TIP3P-wet-oct	1.05	[0.74, 1.32]	0.82	[0.59, 1.08]	0.30	[-0.08, 0.67]	0.49	[0.15, 0.74]	1.05	[0.53, 1.53]	0.47	[0.21, 0.70]	1.22	[1.09, 1.35]
EXT07	YANK-GAFF-tip3p-dry-oct	1.05	[0.85, 1.25]	0.93	[0.74, 1.12]	0.62	[0.28, 0.93]	0.58	[0.30, 0.79]	1.07	[0.71, 1.55]	0.57	[0.32, 0.76]	1.18	[1.08, 1.29]
EXT04	YANK-SMIRNOFF-TIP3P-FB-wet-oct	1.08	[0.62, 1.48]	0.71	[0.43, 1.04]	-0.31	[-0.72, 0.06]	0.46	[0.16, 0.74]	1.02	[0.59, 1.57]	0.53	[0.28, 0.75]	1.26	[1.10, 1.39]
EXT01	YANK-GAFF-TIP3P-FB-wet-oct	1.11	[0.65, 1.51]	0.72	[0.43, 1.07]	-0.20	[-0.64, 0.19]	0.54	[0.26, 0.78]	1.23	[0.86, 1.80]	0.57	[0.34, 0.77]	1.25	[1.09, 1.40]
EXT06	YANK-SMIRNOFF-OPC-wet-oct	1.16	[0.73, 1.60]	0.83	[0.55, 1.17]	-0.10	[-0.57, 0.30]	0.45	[0.13, 0.75]	1.11	[0.71, 1.56]	0.52	[0.28, 0.71]	1.22	[1.07, 1.34]
EXT03	YANK-GAFF-OPC-wet-oct	1.28	[0.73, 1.80]	0.87	[0.56, 1.26]	-0.28	[-0.78, 0.16]	0.44	[0.10, 0.73]	1.17	[0.53, 1.81]	0.47	[0.18, 0.72]	1.21	[1.06, 1.35]

Notes

- RMSE: Root mean square error
- MAE: Mean absolute error
- ME: Mean error
- R2: R-squared, square of Pearson correlation coefficient
- m: slope of the line fit to predicted vs experimental logP values
- τ : Kendall rank correlation coefficient
- ES: error slope calculated from the QQ Plots of model uncertainty predictions
- Mean and 95% confidence intervals of RMSE, MAE, ME, R2, and m were calculated by bootstrapping with 10000 samples.
- 95% confidence intervals of ES were calculated by bootstrapping with 1000 samples.