

Table S3. Estimator error variation with curvature in TCR data

Estimator	Median Error [*] (low C_p) [†]	P-value [‡]	Median Error (intermediate C_p) [†]	P-value [‡]	Median Error (all subsamples)	P-value [‡]
Chao1bc	56.9	0.45	42.3	0.002	46.8	0.0015
ACE	55.0	0.45	44.2	0.002	46.6	0.0015
Bootstrap	91.4	0.45	53.0	<0.0001	72.1	<0.0001
Negative-exponential	60.2	0.45	51.4	0.0002	53.9	0.0003
Good-Turing	90.0	0.45	51.4	<0.0001	69.0	<0.0001
<i>DivE</i>	23.1	NA	6.5		7.9	NA

^{*} Median absolute percentage error between S_{obs} and $\hat{S}_{obs}$

[†] Low curvatures C_p in range $0.016 \leq C_p \leq 0.101$, intermediate curvatures in range $0.11 \leq C_p \leq 0.62$

[‡] p-value of the significance of the differences between the errors of *DivE* and each other estimator, for each curvature range.