

S4. Models' parameters for index biplots including only samples with less than 20% of unassigned species (N = 65)

Table S4. Summarised information on the simple linear regressions between the indices based on group of indicator species (Foram-AMBI, TSI-Med, and FSI).

List of species	Correction for grain size	Compared indices	Equation	R ²	p-value
Original species assignment	Foram-AMBI and FSI are not corrected for grain size	Foram-AMBI vs TSI-Med	$y = 0.032x + 1.737$	0.26	< 0.001
		FSI vs TSI-Med	$y = -0.086x + 5.579$	0.17	< 0.001
		FSI vs Foram-AMBI	$y = -2.792x + 10.470$	0.73	< 0.001
Homogenised list of indicator species	Foram-AMBI and FSI are not corrected for grain size	Foram-AMBI vs TSI-Med	$y = 0.030x + 0.791$	0.76	< 0.001
		FSI vs TSI-Med	$y = -0.087x + 7.744$	0.74	< 0.001
		FSI vs Foram-AMBI	$y = -2.815x + 9.861$	0.92	< 0.001