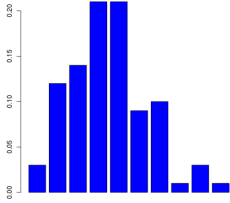
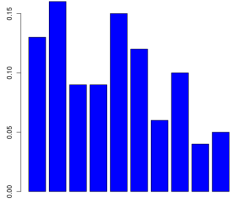
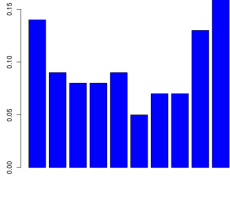
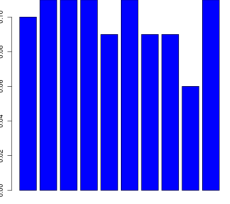
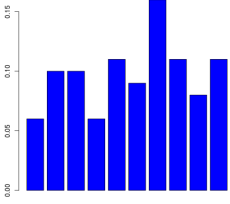
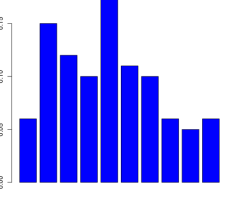
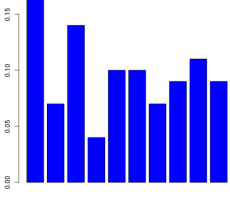
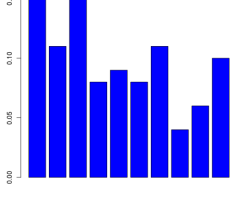


Table S7 Results of Kolmogorov-Smirnov test against a uniform distribution. The pseudo-observation density is represented graphically under the Overlapping model using 10-quantiles

Parameter	Significance	Distribution of quantiles	Parameter	Significance	Distribution of quantiles
<i>A</i>	Significant deviation from uniformity with too many true values falling in the middle of the posterior distribution ($p < 0.001$)		<i>S</i>	-	
<i>T</i>	-				
<i>Nm</i> (NEA)	-		<i>r</i> (NEA)	-	
<i>Nm</i> (SEA)	-		<i>r</i> (SEA)	-	
<i>Nm</i> (41-45°N area)	-		<i>r</i> (41-45°N area)	-	