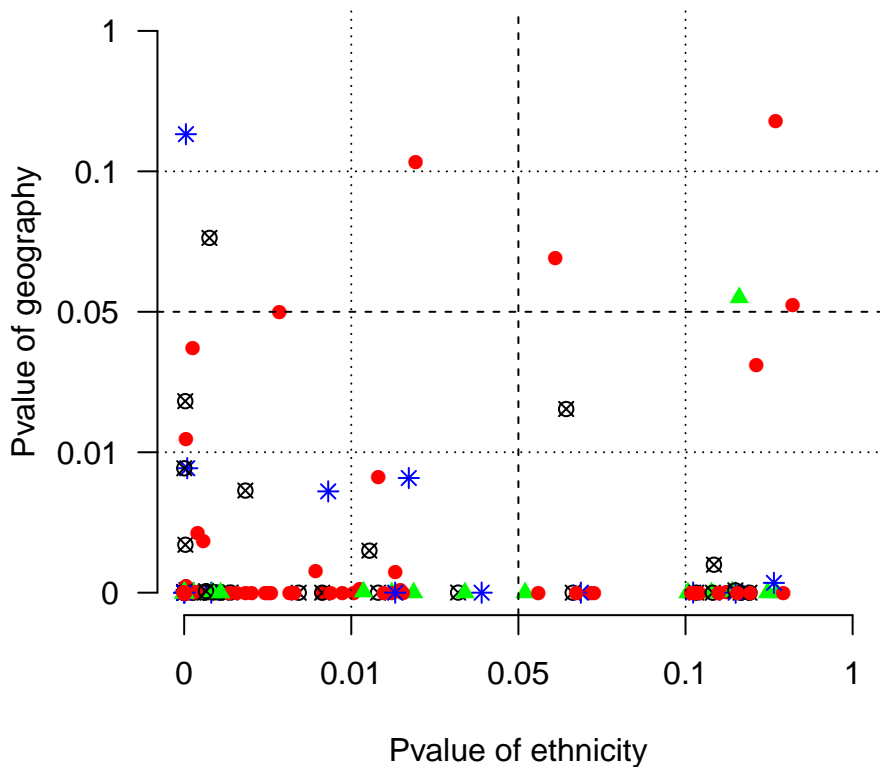
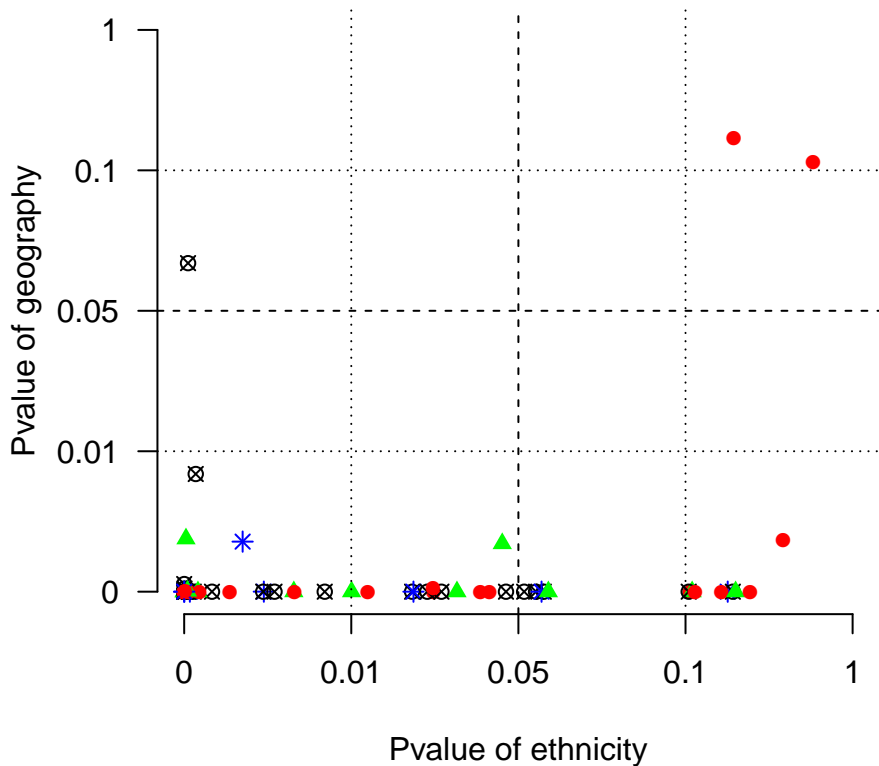


Fig.S3 Pvalue of of all bacterium at each taxonomic level and KOs between geographic location and ethnicity by two-ways ANOCOV ; According to Tablle S4, Y-axis : Pvalue of geography (p1); X-axis : Pvalue of ethnicity (p2); Pvalue of comparison in geography (p3); Pvalue of comparison in ethnicity (p4) .●: p3 < 0.05 and p4 < 0.05; ▲: p3 ≥ 0.05 and p4 < 0.05; * : p3 < 0.05 and p4 ≥ 0.05; ⊗ : p3 ≥ 0.05 and p4 ≥ 0.05.

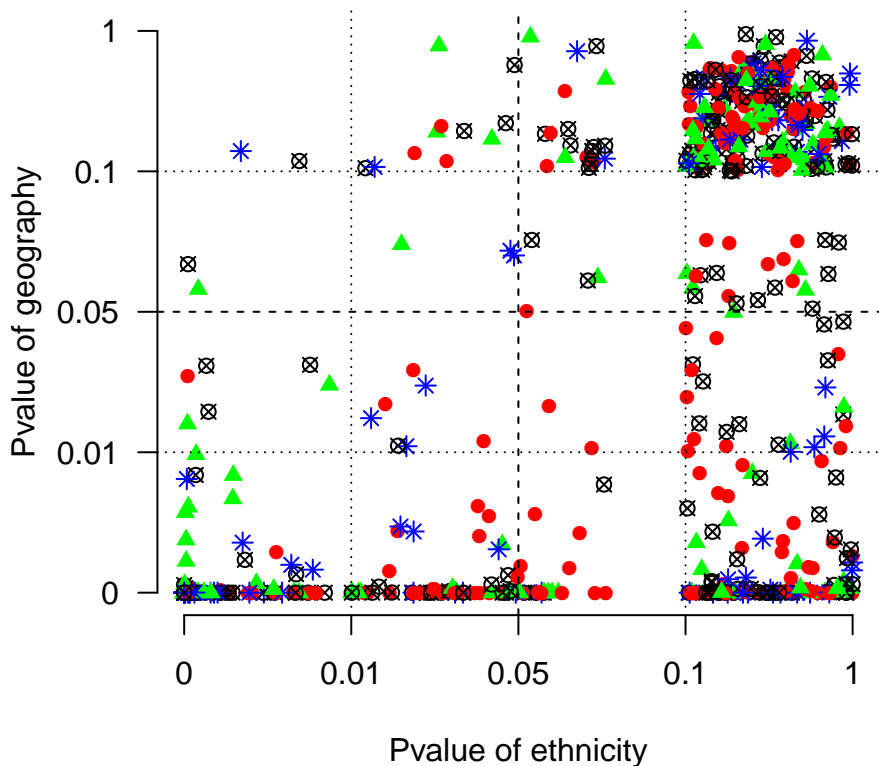
Pvalue of two-factor covariance in Core_OTUs



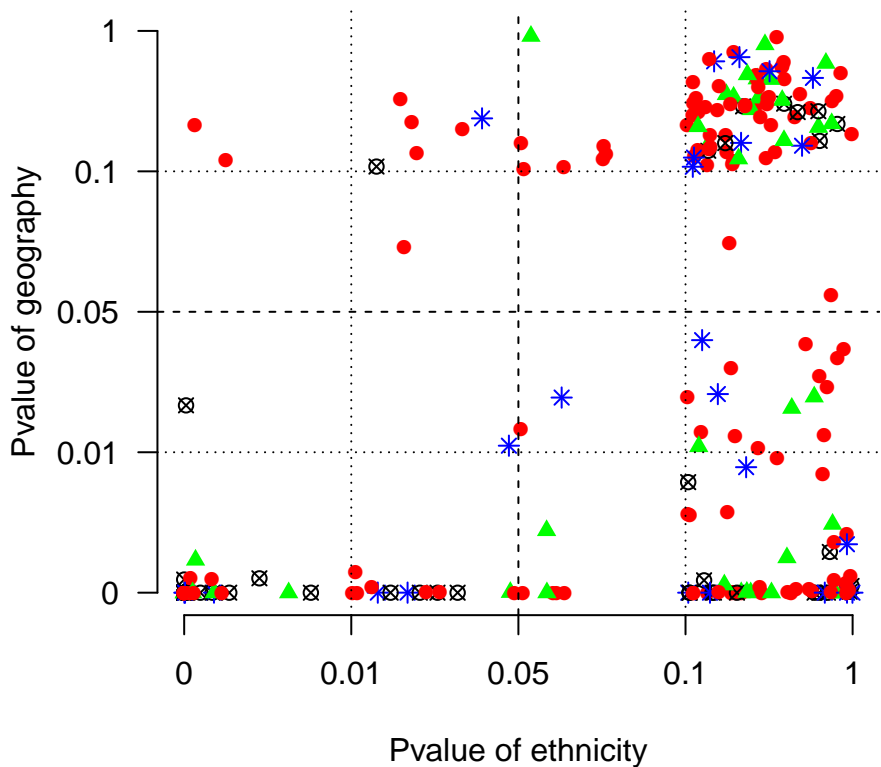
Pvalue of two-factor covariance in Core_genera



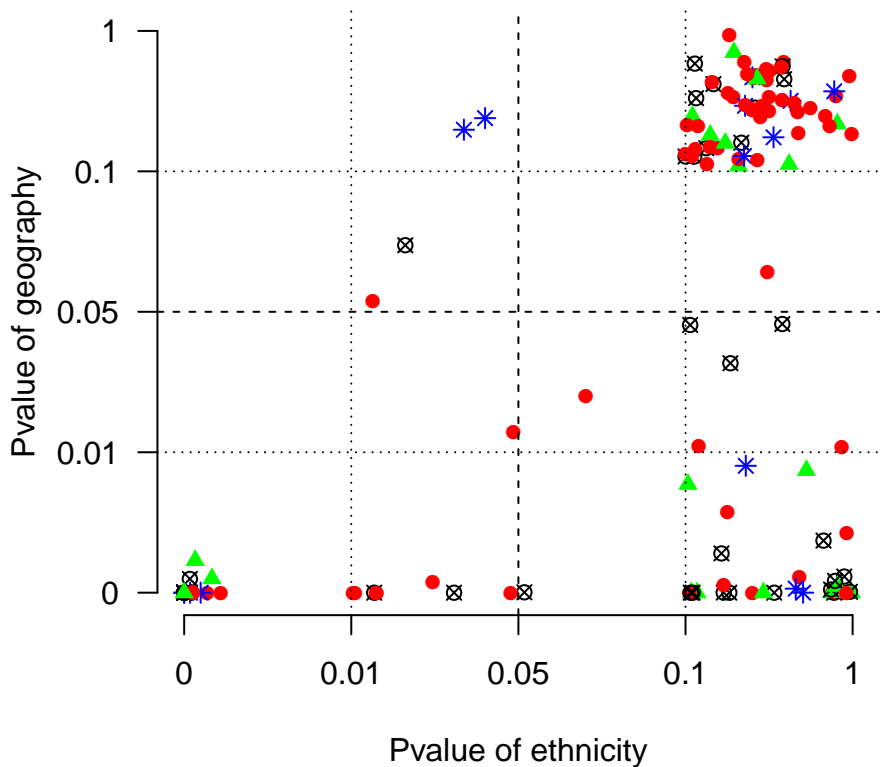
Pvalue of two-factor covariance in genera



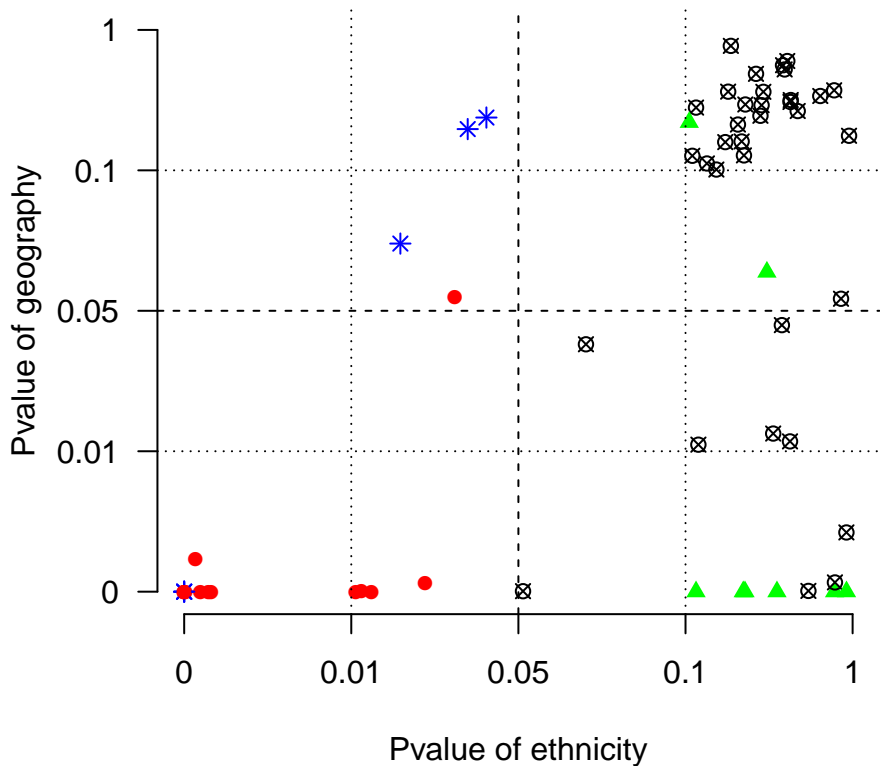
Pvalue of two-factor covariance in families



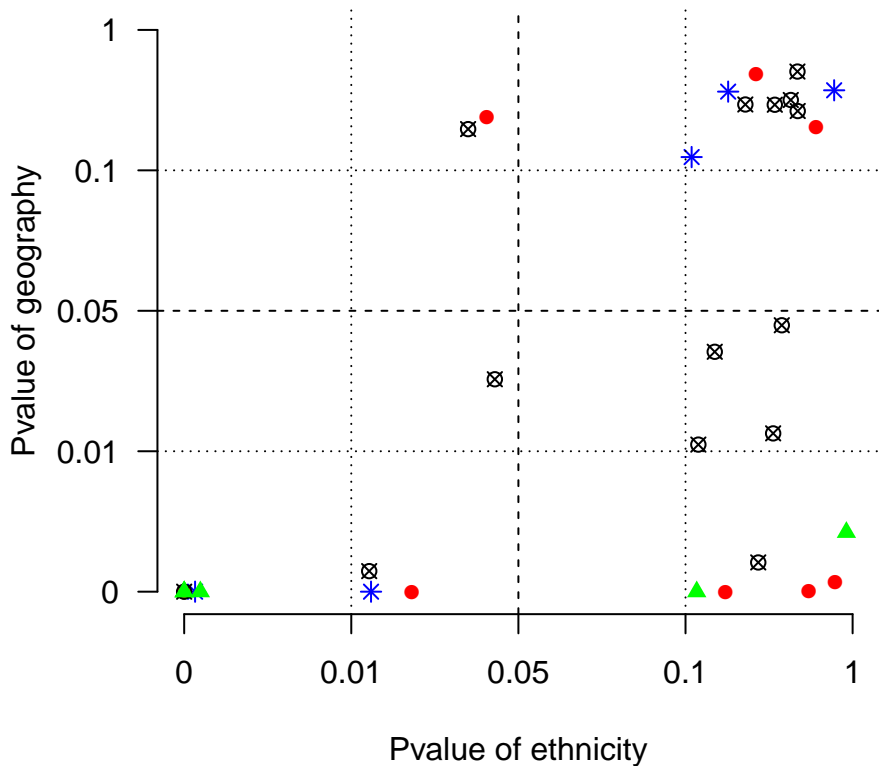
Pvalue of two-factor covariance in orders



Pvalue of two-factor covariance in classes



Pvalue of two-factor covariance in phyla



Pvalue of two-factor covariance in KOs

