

5. Examples of ocean-specific correlated profiles. Examples of edges showing global copresence (A) and mutual exclusion patterns (B), as well as ocean specific edges for Mediterranean Sea, MS (C), South Pacific Ocean, SPO (D), Indian Ocean, IO (E) and Red Sea, RS (F). Operational taxonomic unit (OTU) abundances are colored by different oceans and the taxonomic assignment is printed alongside each OTU. The Southern Ocean (SO) has a distinct profile of region-specific edges that is dominated by bacterial taxa (G) instead of the common pattern observed across the entire network (H, plot conserving the scaffold of top connected taxa as in main Figure 2).

