

3. Overview on the taxon network and its environmentally influenced edges. (A) Positively linked taxon network clusters in 51 modules (leading Eigenvector clustering, Newman, PNAS 103 (23):8577-8582, 2006). (B) The flow chart summarises taxon edge numbers for different analyses. From the 29,912 edges that are part of environmental triplets, the 11,043 edges with significantly negative interaction information are classified as indirect (i.e. environmentally driven). The remaining 81,590 edges represent putative biotic interactions. (C) The Venn diagram depicts the overlap between edges that are part of environmental triplets, ocean-driven edges and indirect edges. The bar chart in (D) plots the ratio between node percentages on phylum level in the 11,043 the indirect edges versus the remaining 81,590 edges putative biotic edges. A ratio larger than one means the percentage of the corresponding phylum is higher among the indirect taxon edges than among the biotic.

