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Inland fish and fisheries integral to achieving the Sustainable Development Goals

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Supplementary Methods

Correlations among inland fishery services. We calculated the correlation of relationships to the SDG targets among inland fishery services using Pearson's correlation coefficient the *rcor* in the *Hmisc* packages in R (v3.5.1¹). We chose Pearson's correlation coefficient over non-parametric approaches because the underlying scores (0 for no relationship; 1 for positive relationship; 2 for strongly positive relationship; -1 for bidirectional relationship; -2 for strongly bidirectional relationship) reflect a directional and strength-based relationship which is quantitative in nature. We did not test any hypotheses related to these correlation coefficients; therefore, assumptions of normality were unnecessary.

Inland fishery services clusters. We generated summary clusters from the matrix of the SDGs for each grouping using an agglomerative hierarchical clustering approach and the *complete linkage* method to find similar clusters. The height (y-axis) of the resulting dendrogram represents the dissimilarity between clusters of targets. Clusters differentiated by at least half the maximum height value were considered significant associations with inland fishery services. Computations were performed in R (v3.5.1¹) using *hclust* in the *stats* package.

1. R Core Team. R: A language and environment for statistical computing. (2018).