**Figure S1.** Boxplots of water conductivity measured in river reaches in good and poor ecological status in each river typology. The mean conductivity (± the standard error) for each typology is indicated in brackets.

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Rivers in Tajo and Guadiana siliceous plains.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Rivers in the Guadalquivir depression.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Rivers in siliceous peneplains of the Northern Plateau.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Mineralised rivers in the Northern Plateau.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Manchegan rivers.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Siliceous rivers in Sierra Morena piedmont.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Low altitude mineralised Mediterranean rivers.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Rivers of low siliceous Mediterranean mountain.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Mineralised rivers of low Mediterranean mountain.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Mediterranean rivers with karstic influence.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Siliceous Mediterranean mountain rivers.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Calcareous Mediterranean mountain rivers.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Heavily mineralised Mediterranean rivers.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Low altitude Mediterranean river axes.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Poorly mineralised continental Mediterranean river axes.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Mineralised continental Mediterranean river axes.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Large Mediterranean river axes.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Coastal Mediterranean rivers.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Tinto River.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Odiel River.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Rivers in humid Baetic highlands.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Siliceous Cantabric-Atlantic rivers.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Calcareous Cantabric-Atlantic rivers.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Basque-Pyrenaic rivers.tiff



C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Gredos-Béjar Georges.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Humid siliceous mountain rivers.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Humid calcareous mountain rivers.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_High mountain rivers.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Main siliceous Cantabric-Atlantic river axes.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Main calcareous Cantabric-Atlantic river axes.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Coastal Cantabric-Atlantic rivers.tiff C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Small siliceous Cantabric-Atlantic river axes.tiff

C:\Users\esteveze\Documents\Articulos\Conductividad\Spatial_data_analysis\bp_Small calcareous Cantabric-Atlantic river axes.tiff