

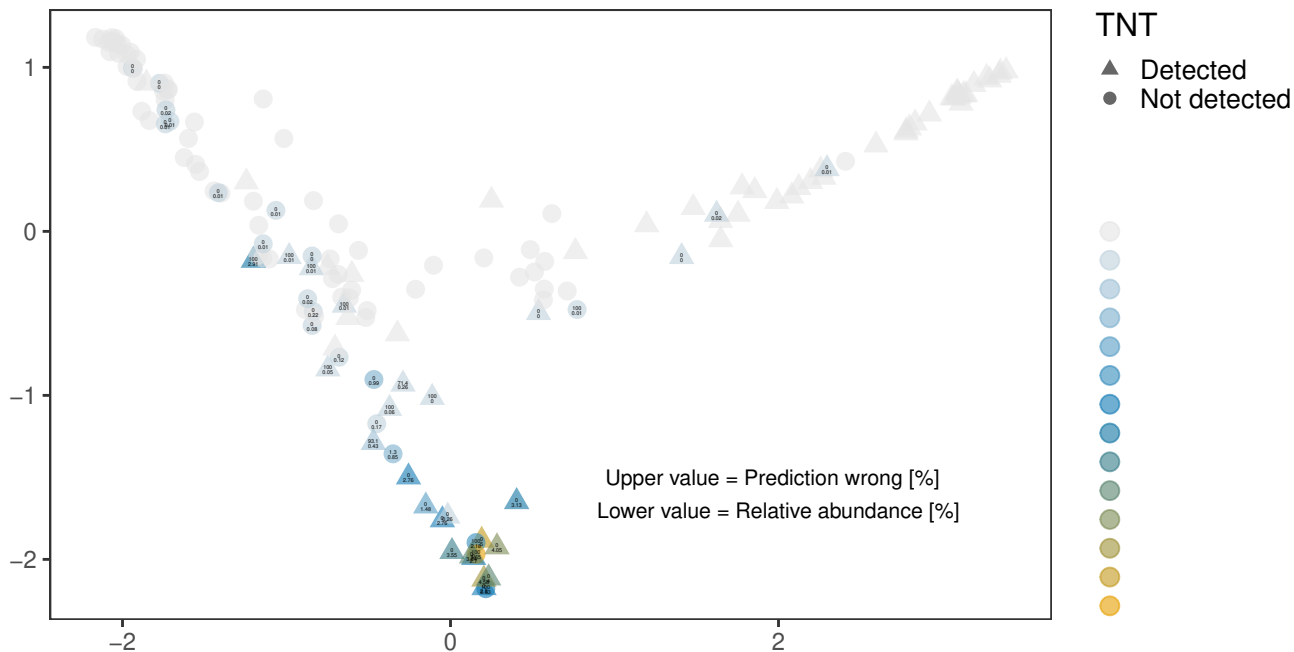
Supplementary Figures 9: The following plots display the relative abundances of the 25 most important genera for TNT classification. The samples were arranged using a proximity matrix of a TNT-classifying random forest model. Each plot is identifiable via a letter in the top left, additionally the full lineage of each genus was provided. For additional context, these plots can be compared with the supervised PCA ordination colored by sampling area.

The samples were labelled with two values. The upper value indicates the amount of times this sample was wrongly predicted by the prediction robustness analysis. The lower number displays together with the color gradient the relative abundance, yellow being the highest value. The values were expressed as a percentage and rounded. Only samples containing a given genus were labelled.

Please note that it is possible to zoom into the pdf-files without loss of resolution.

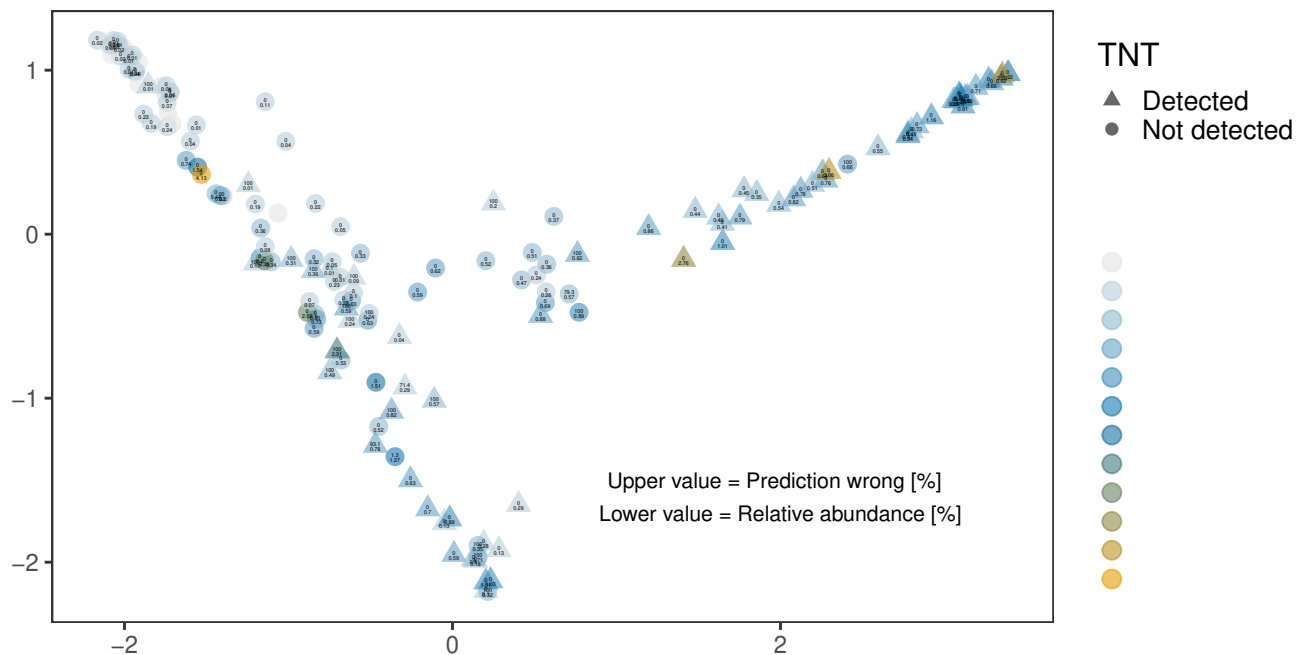
A

Bacteria_Cyanobacteria_Sericytochromatia_NA_NA_NA



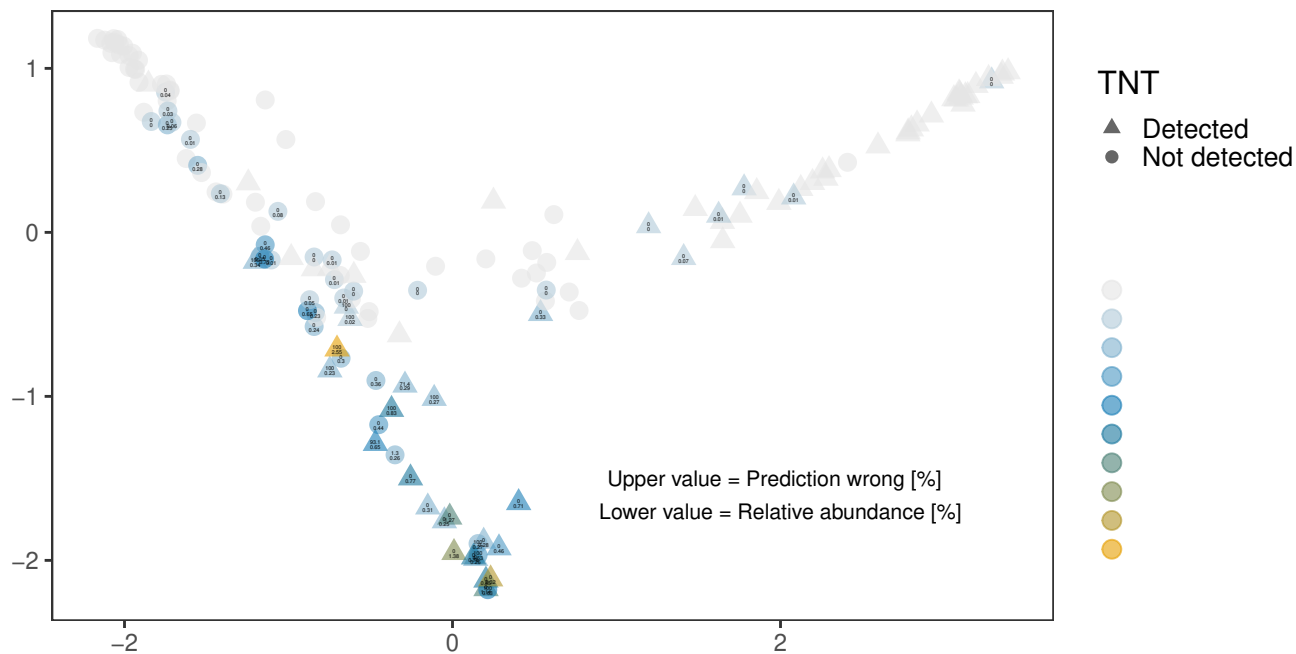
B

Bacteria_Bacteroidetes_Bacteroidia_Flavobacteriales_Flavobacteriaceae_Maribacter



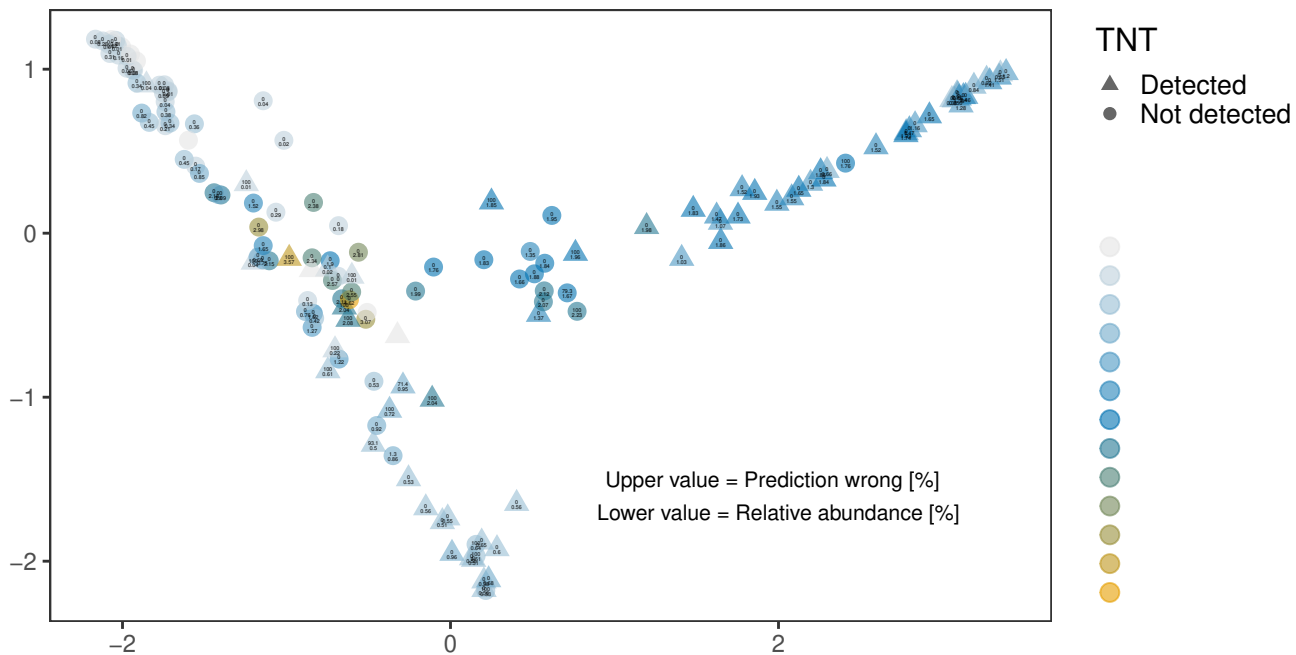
C

Bacteria_Proteobacteria_Gammaproteobacteria_Oceanospirillales_Halomonadaceae_Cobetia



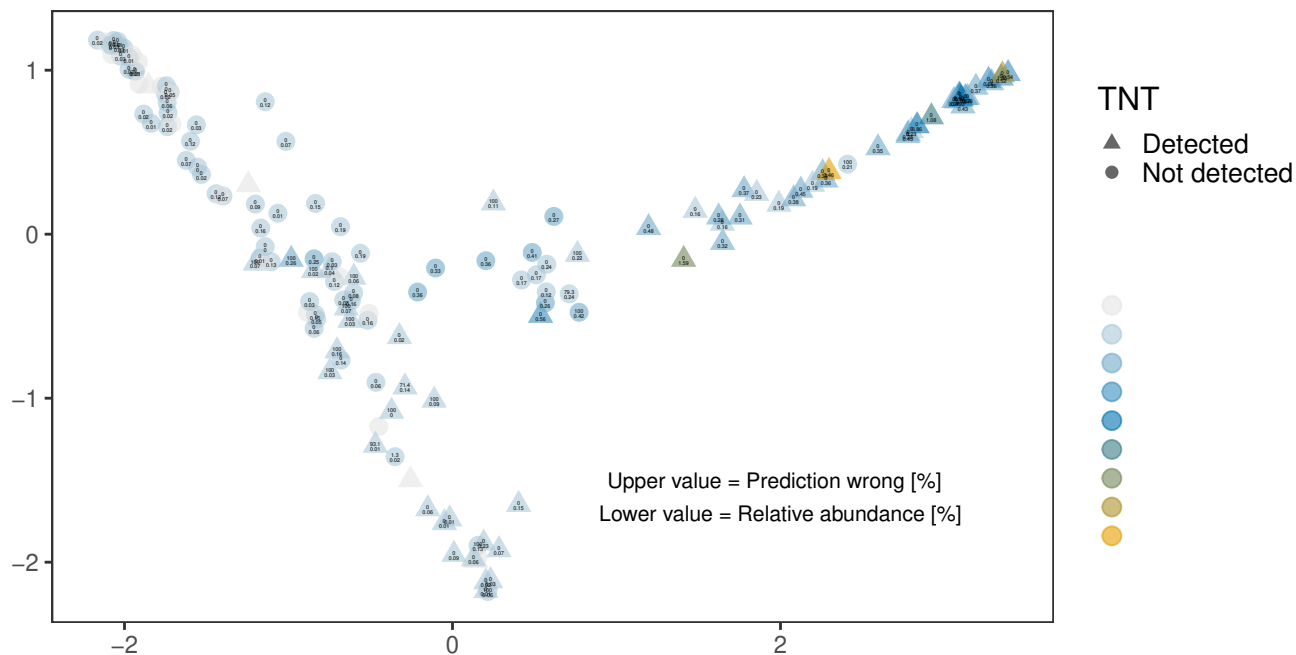
D

Bacteria_Planctomycetes_Planctomycetacia_Pirellulales_Pirellulaceae_Blastopirellula



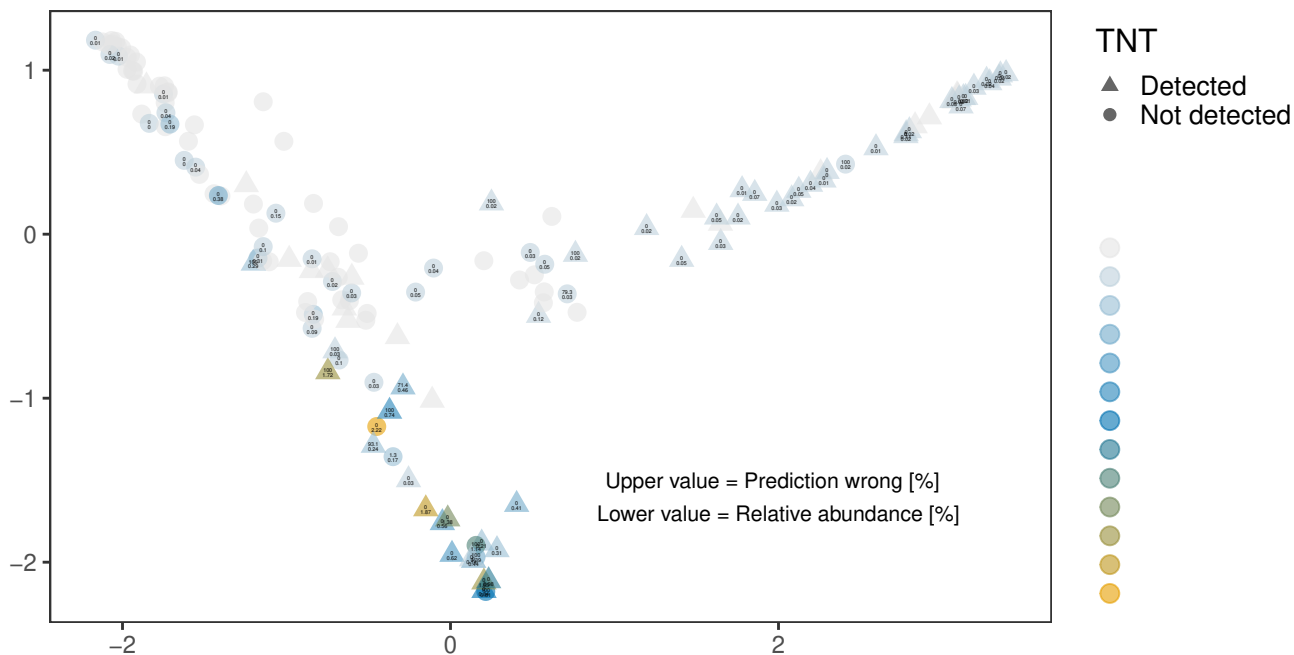
E

Bacteria_Bacteroidetes_Bacteroidia_Flavobacteriales_Flavobacteriaceae_Maritimimonas



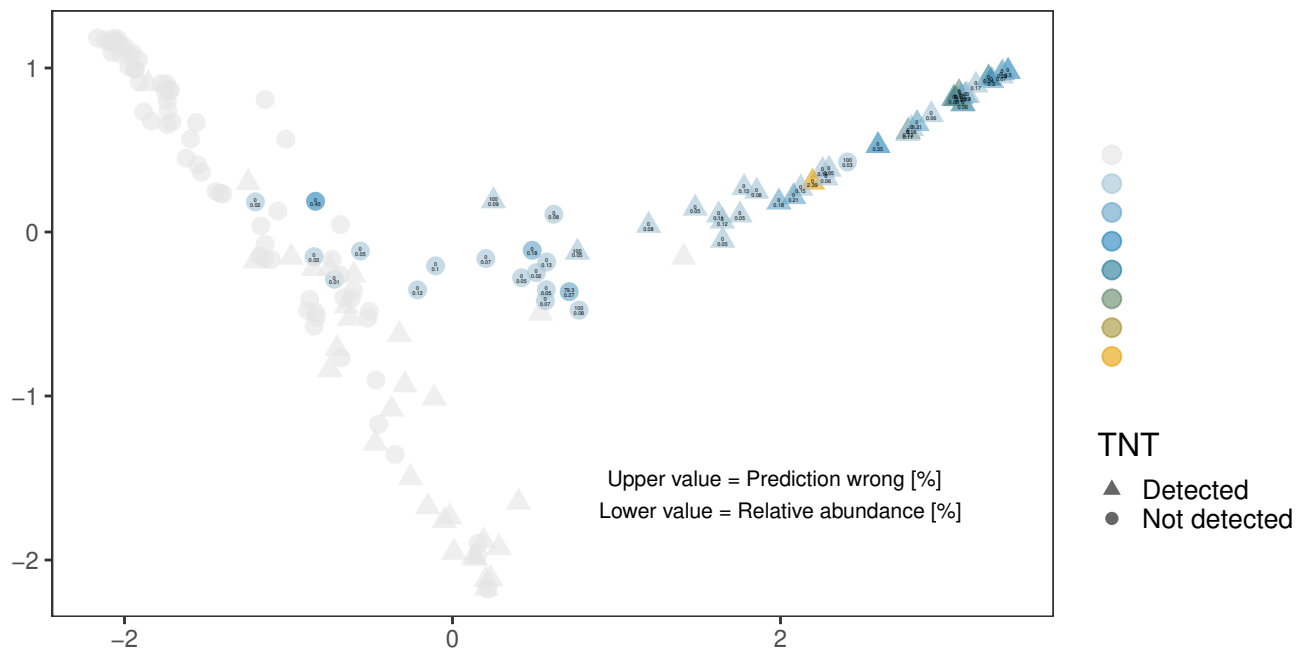
F

Bacteria_Proteobacteria_Gammaproteobacteria_Oceanospirillales_Nitrospiraceae_Motiliproteus



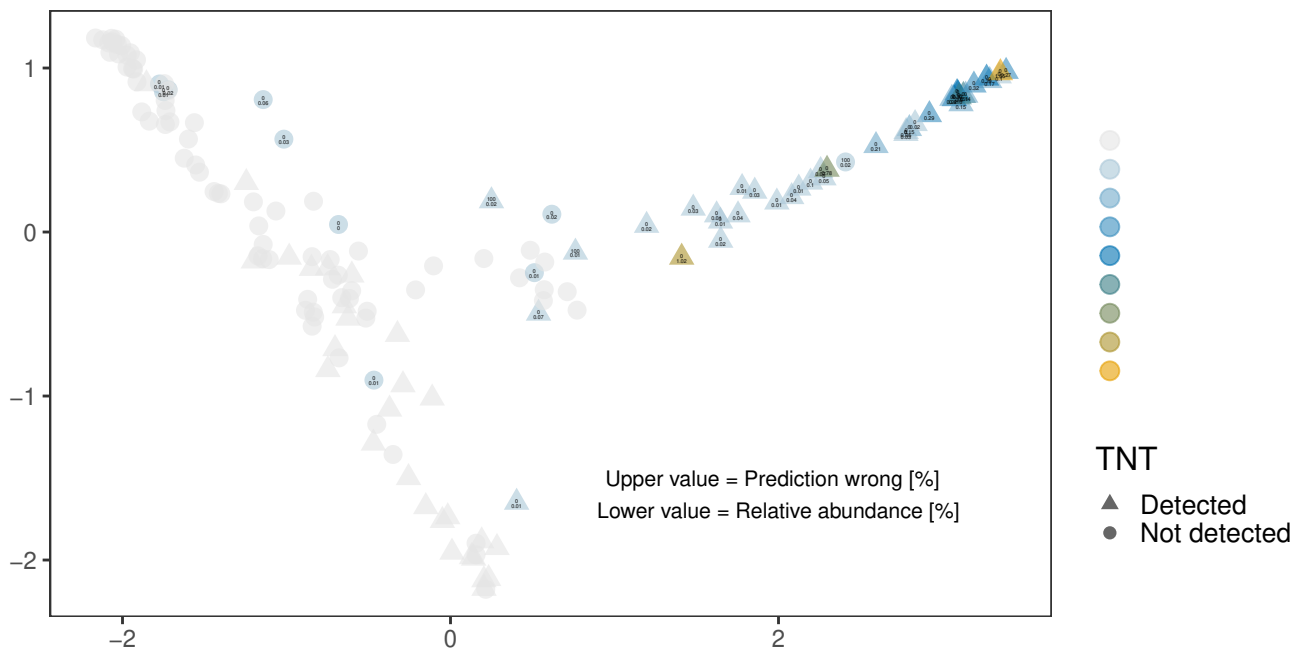
G

Bacteria_Proteobacteria_Gammaproteobacteria_Alteromonadales_Colwelliaceae_NA

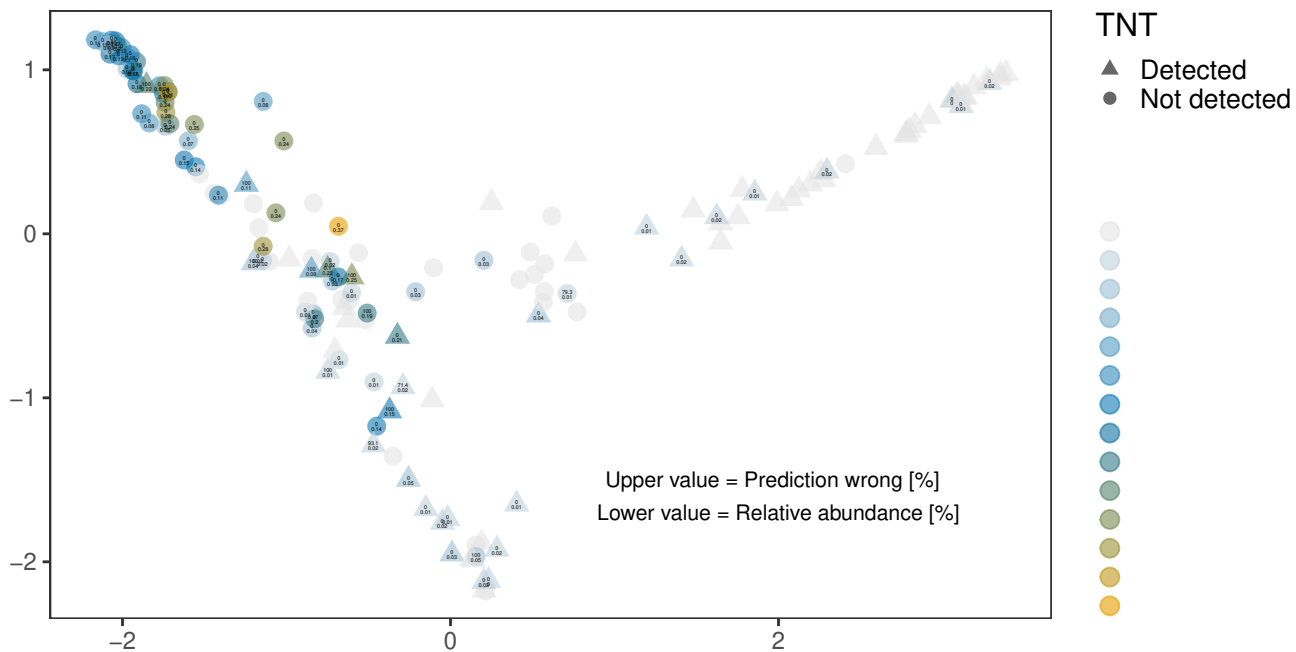


H

Bacteria_Proteobacteria_Gammaproteobacteria_Thiotrichales_Thiotrichaceae_Cocleimonas

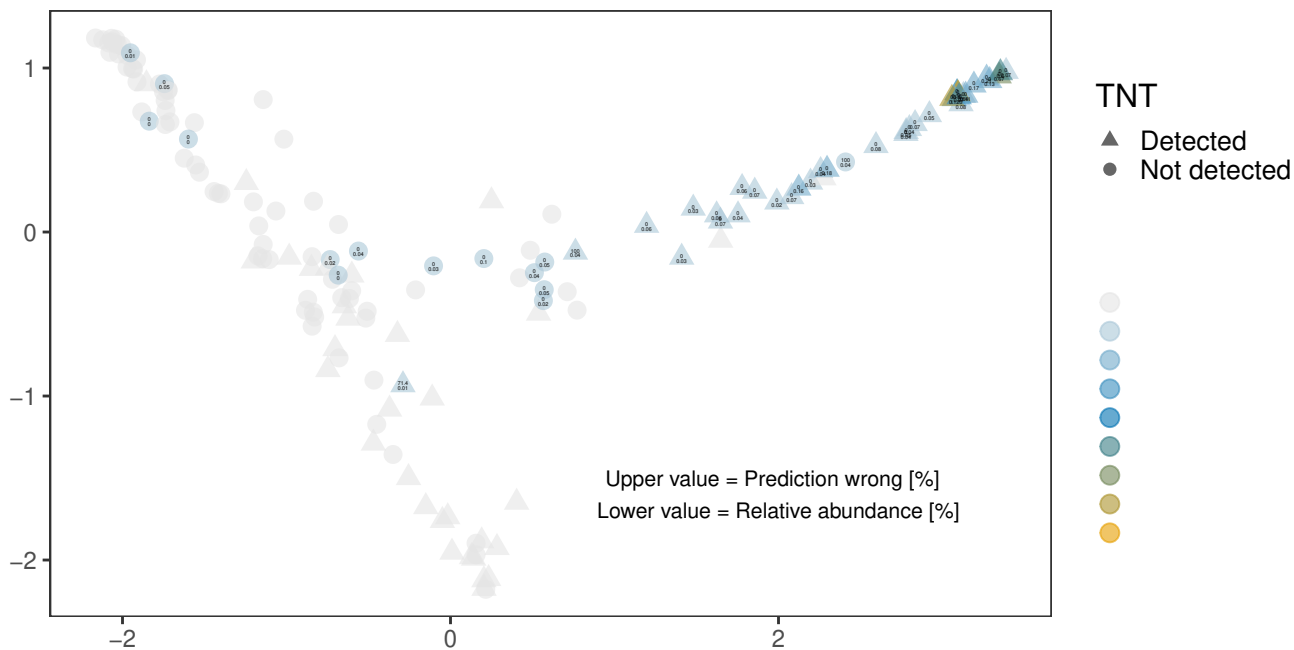


Bacteria_Firmicutes_Clostridia_Clostridiales_Clostridiaceae_Anaeromicrobium



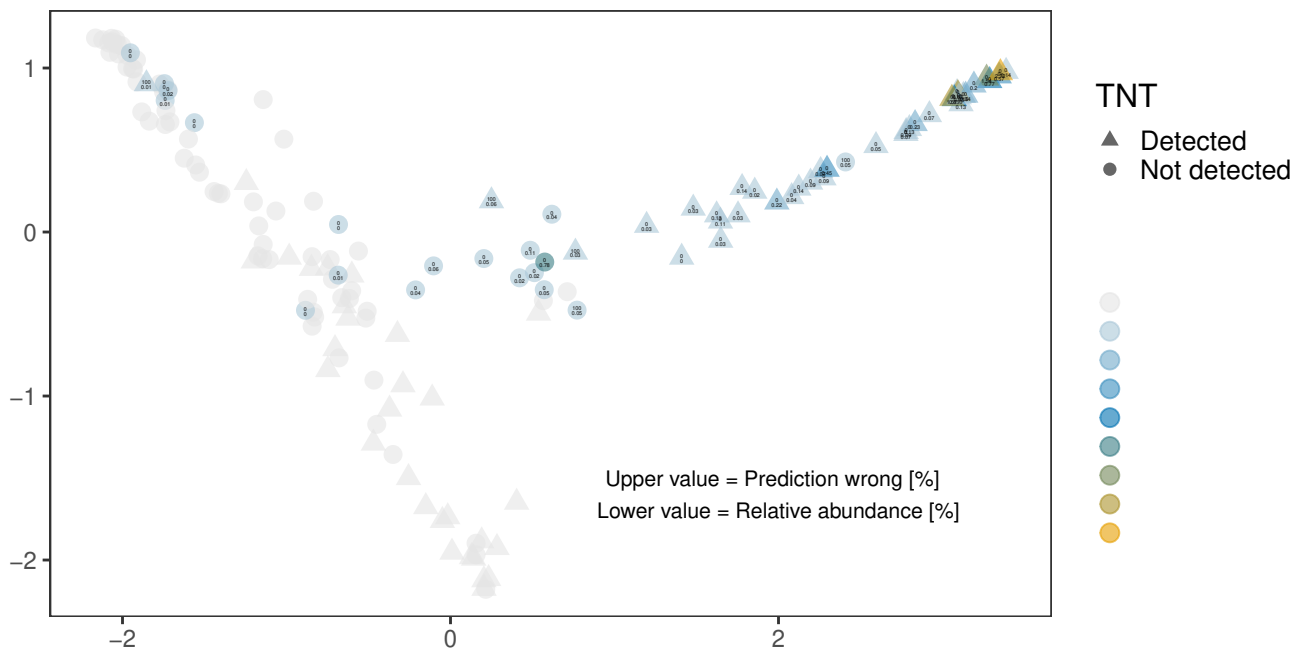
J

Bacteria_Proteobacteria_Deltaproteobacteria_Desulfuromonadales_Desulfuromonadaceae_Desulfuromusa



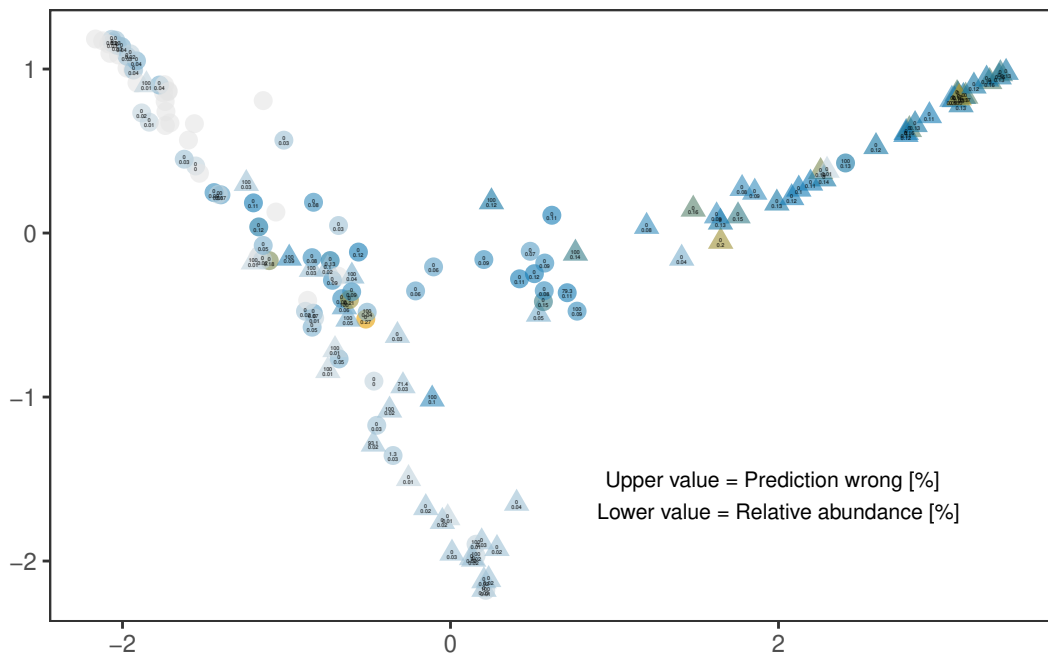
K

Bacteria_Proteobacteria_Deltaproteobacteria_Desulfobacterales_Desulfobulbaceae_MSBL7



L

Bacteria_Proteobacteria_Deltaproteobacteria_SAR324_clade(Marine_group_B)_NA_NA



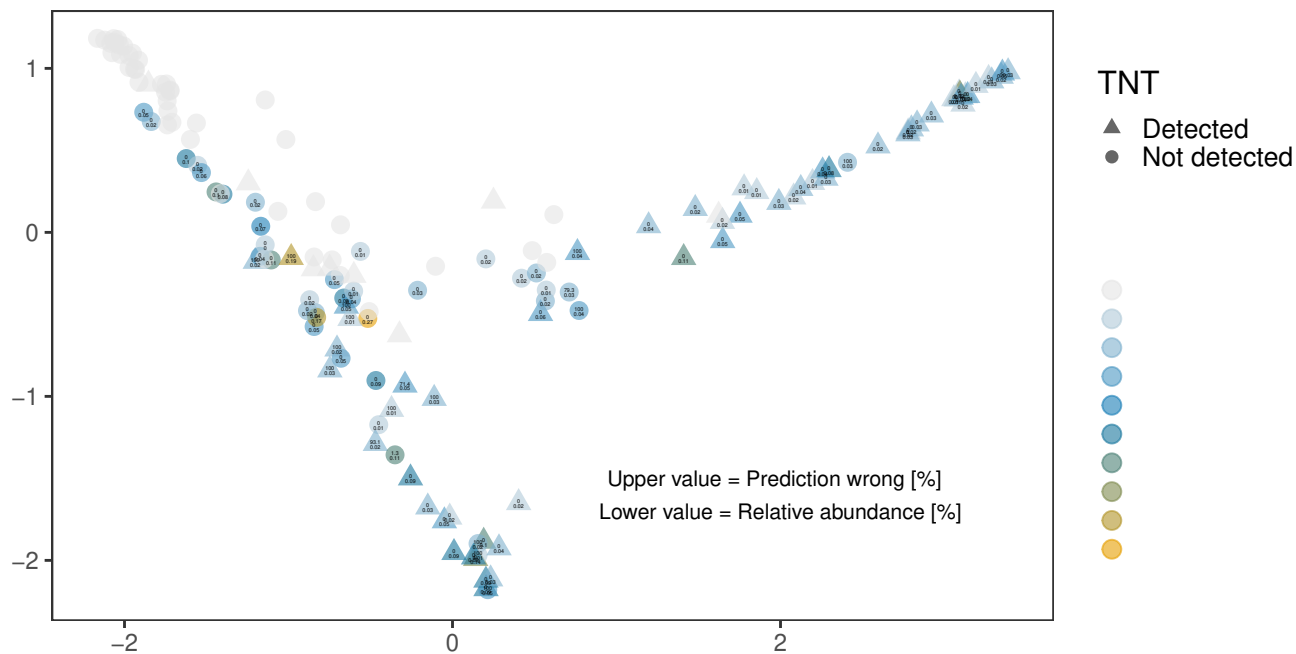
TNT

▲ Detected
● Not detected



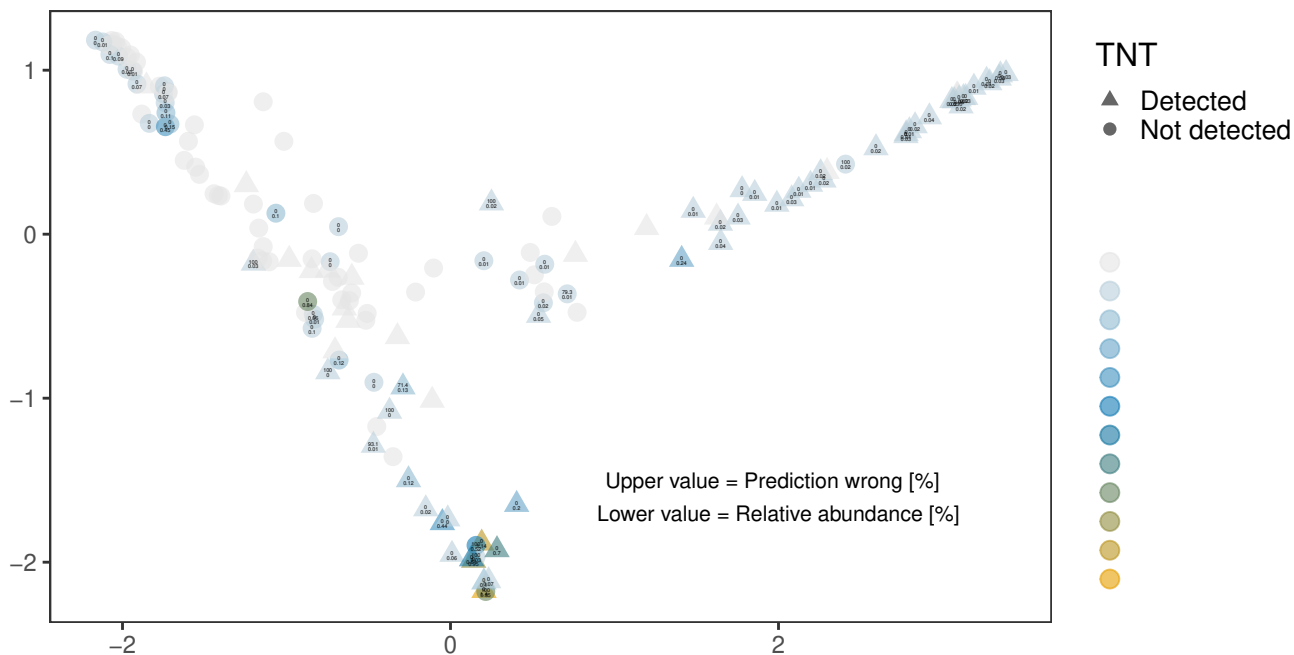
M

Bacteria_Proteobacteria_Alphaproteobacteria_Caulobacterales_Hyphomonadaceae_NA



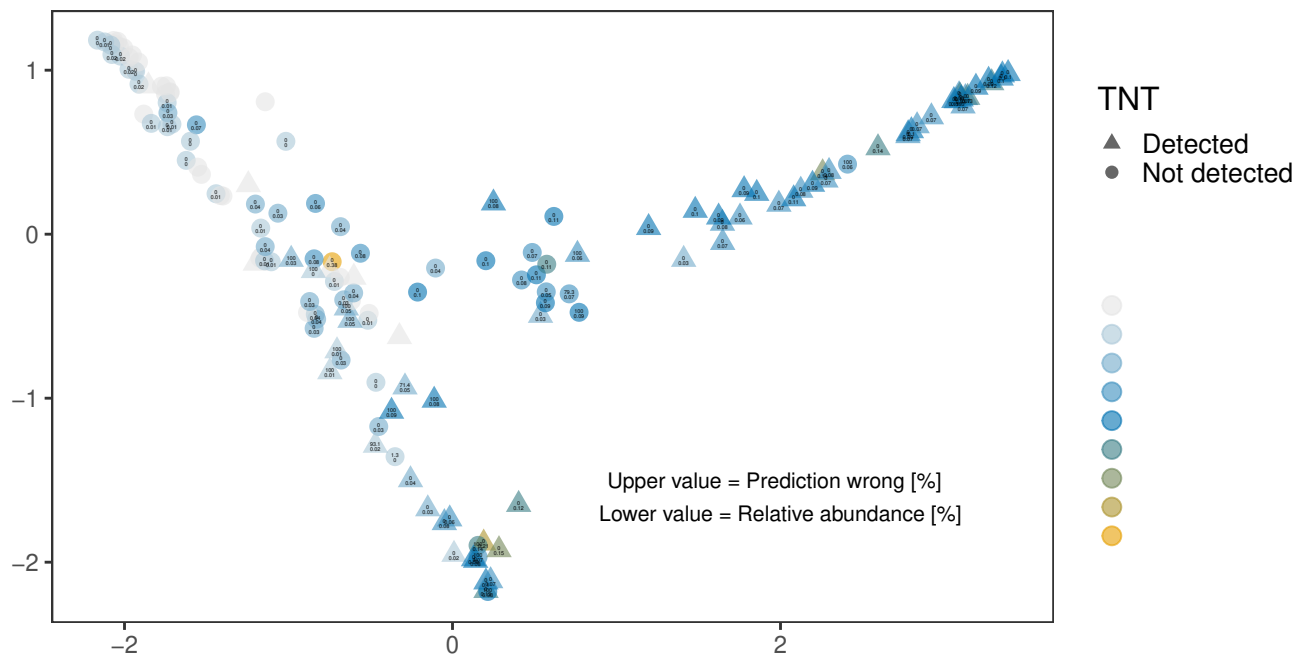
N

Bacteria_Proteobacteria_Deltaproteobacteria_Bdellovibrionales_Bdellovibrionaceae_OM27_clade



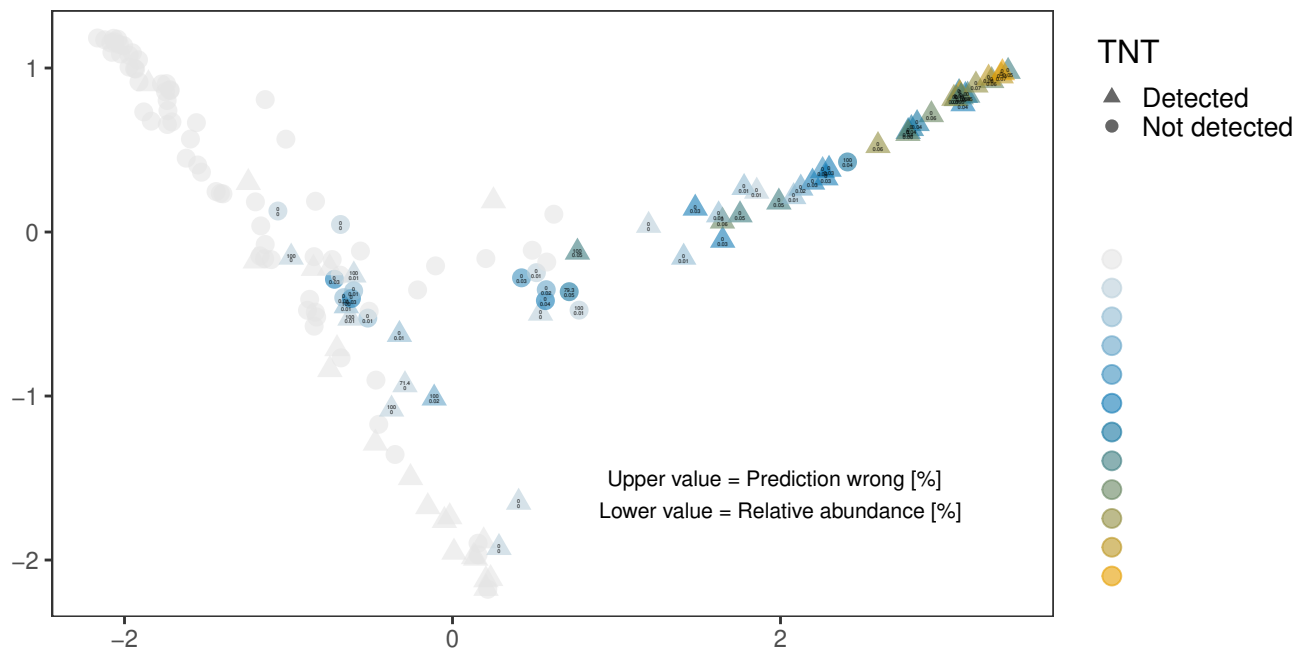
O

Bacteria_Gemmatimonadetes_Gemmatimonadetes_Gemmatimonadales_Gemmatimonadaceae_NA



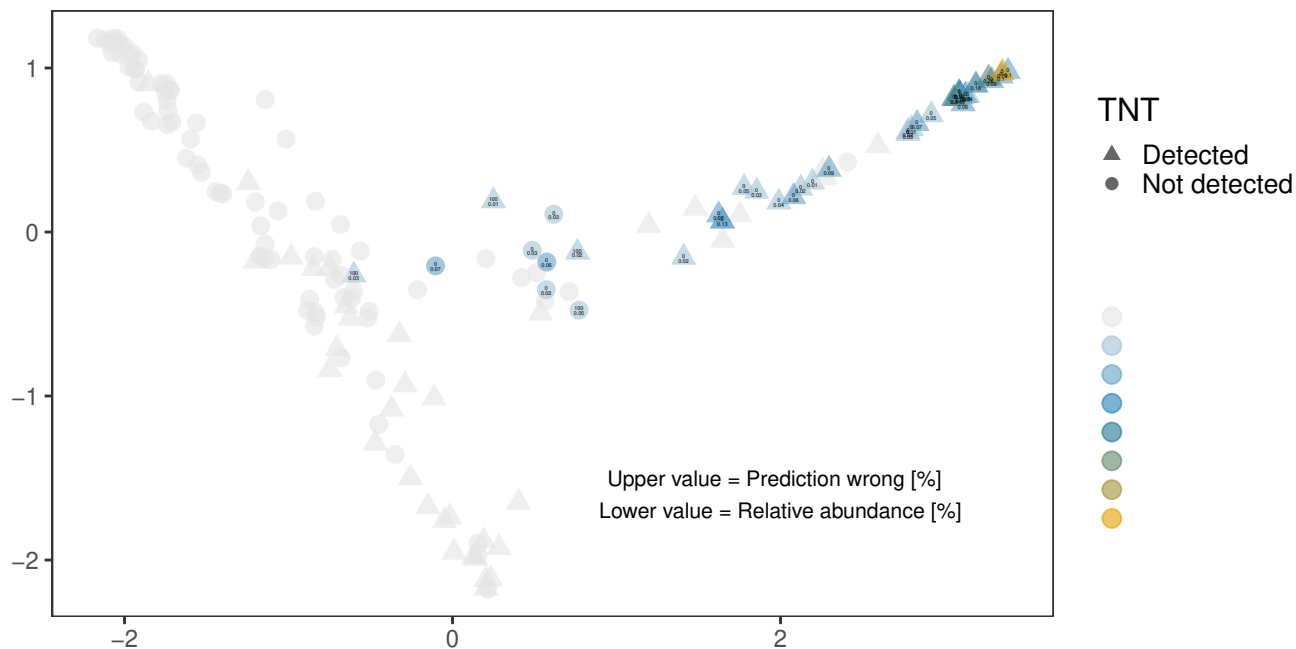
P

Bacteria_Chloroflexi_Anaerolineae_SBR1031_A4b_NA



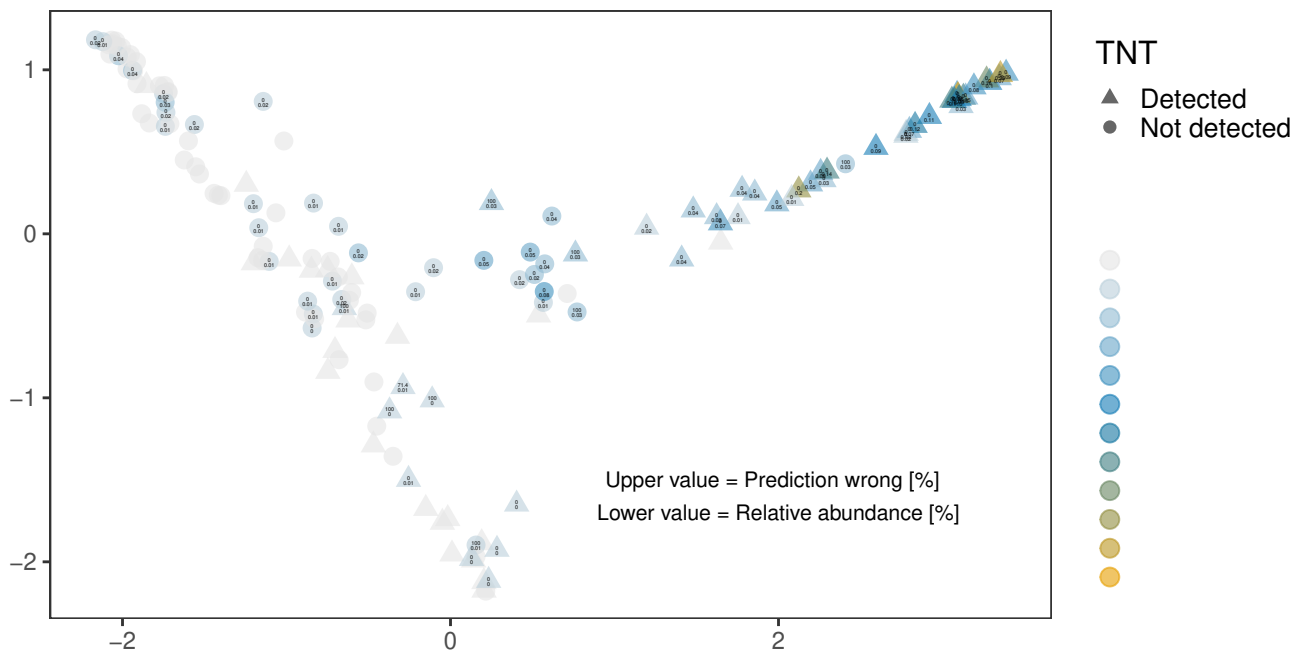
Q

Bacteria_Proteobacteria_Deltaproteobacteria_Desulfobacterales_Desulfobulbaceae_Desulfocapsa



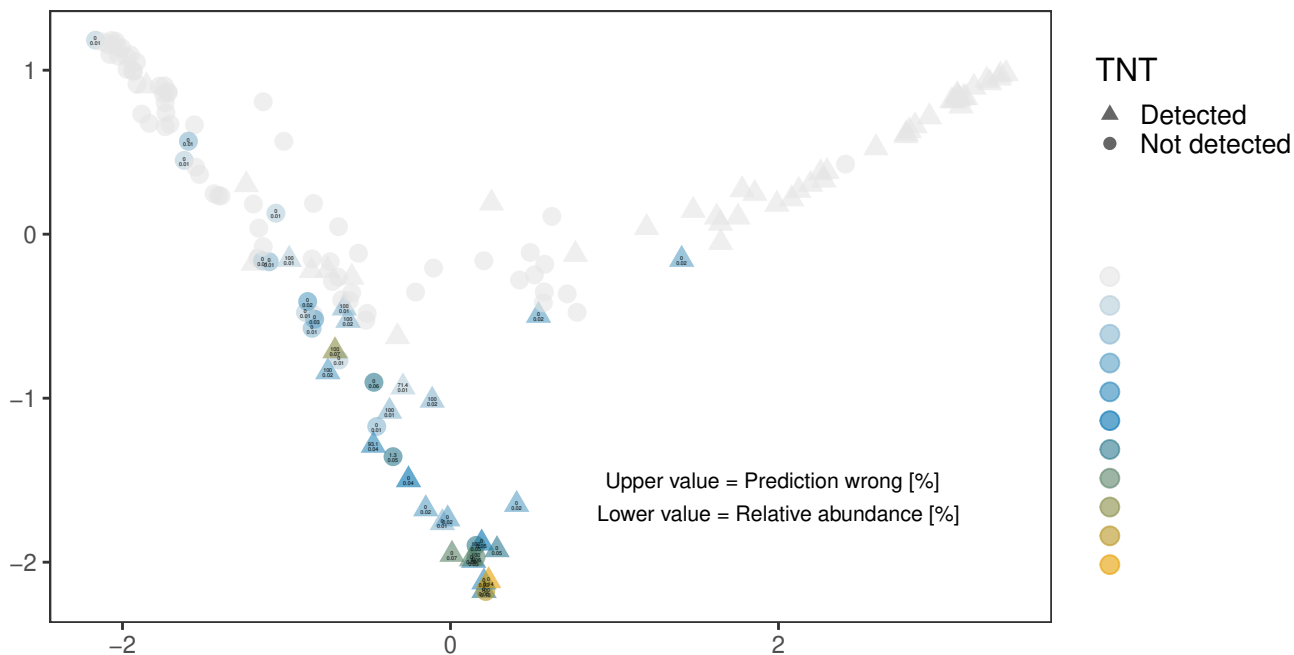
R

Bacteria_Proteobacteria_Deltaproteobacteria_Desulfobacterales_Desulfobulbaceae_Desulfobulbus



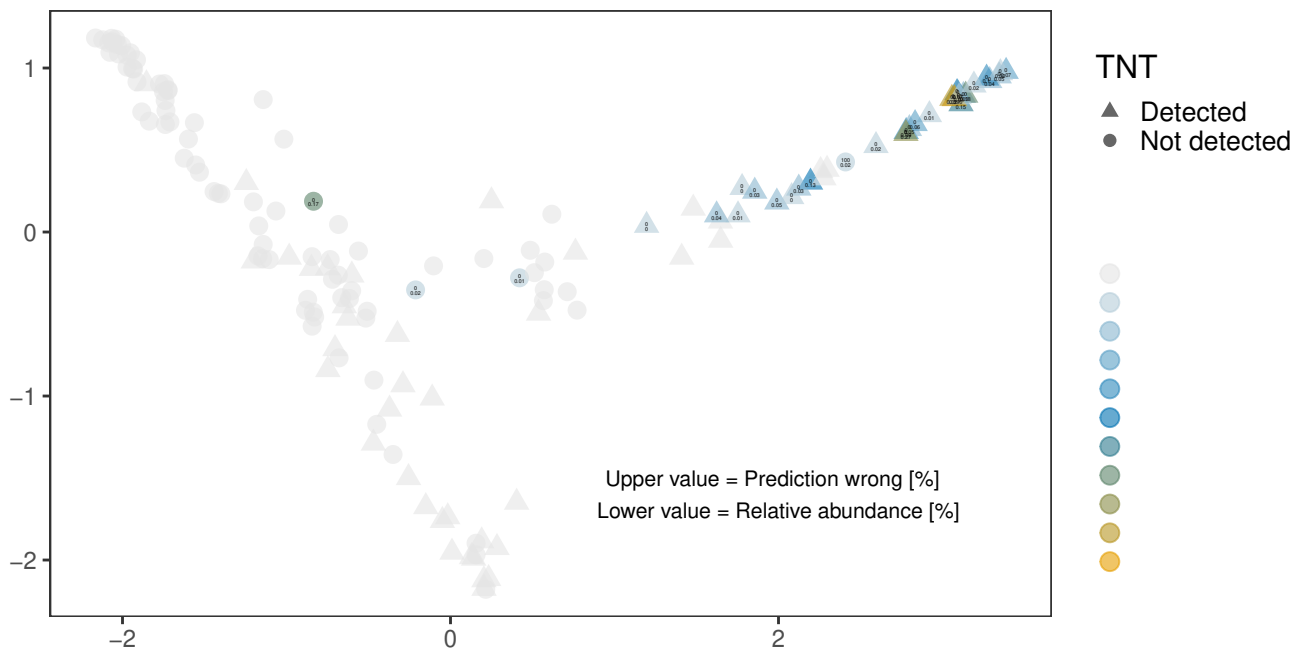
S

Bacteria_Proteobacteria_Alphaproteobacteria_Sphingomonadales_Sphingomonadaceae_Altererythrobacter



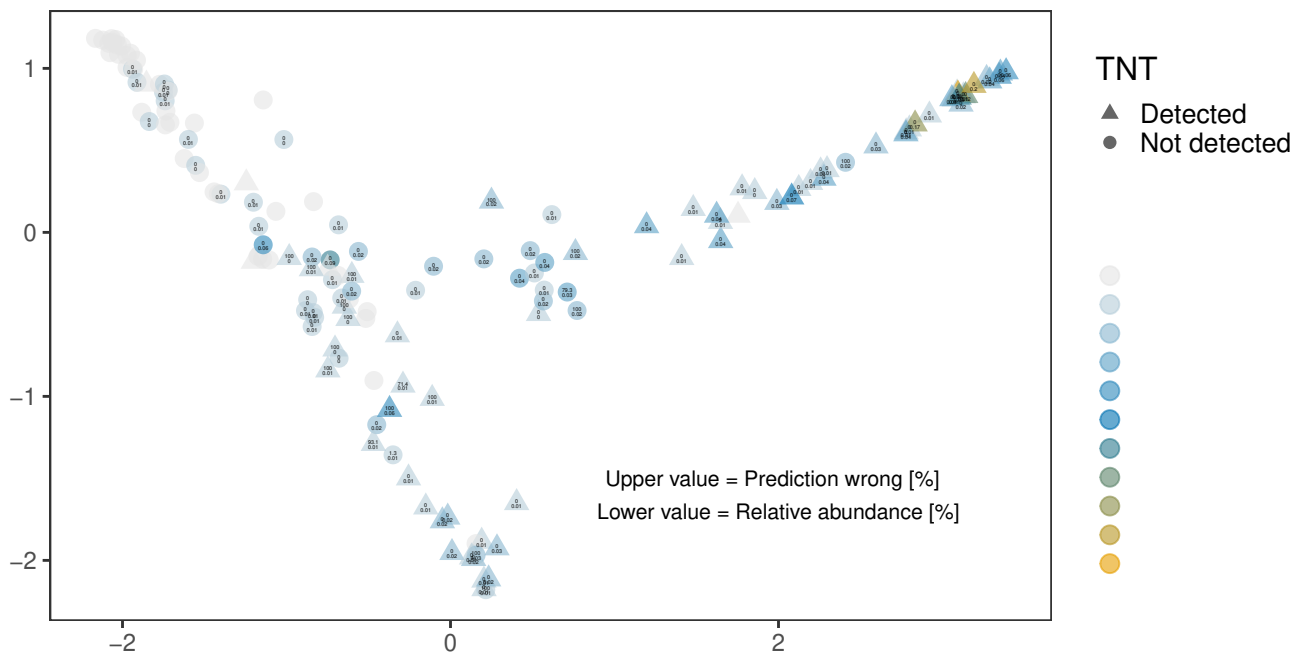
T

Bacteria_Bacteroidetes_Bacteroidia_Bacteroidales_NA_NA



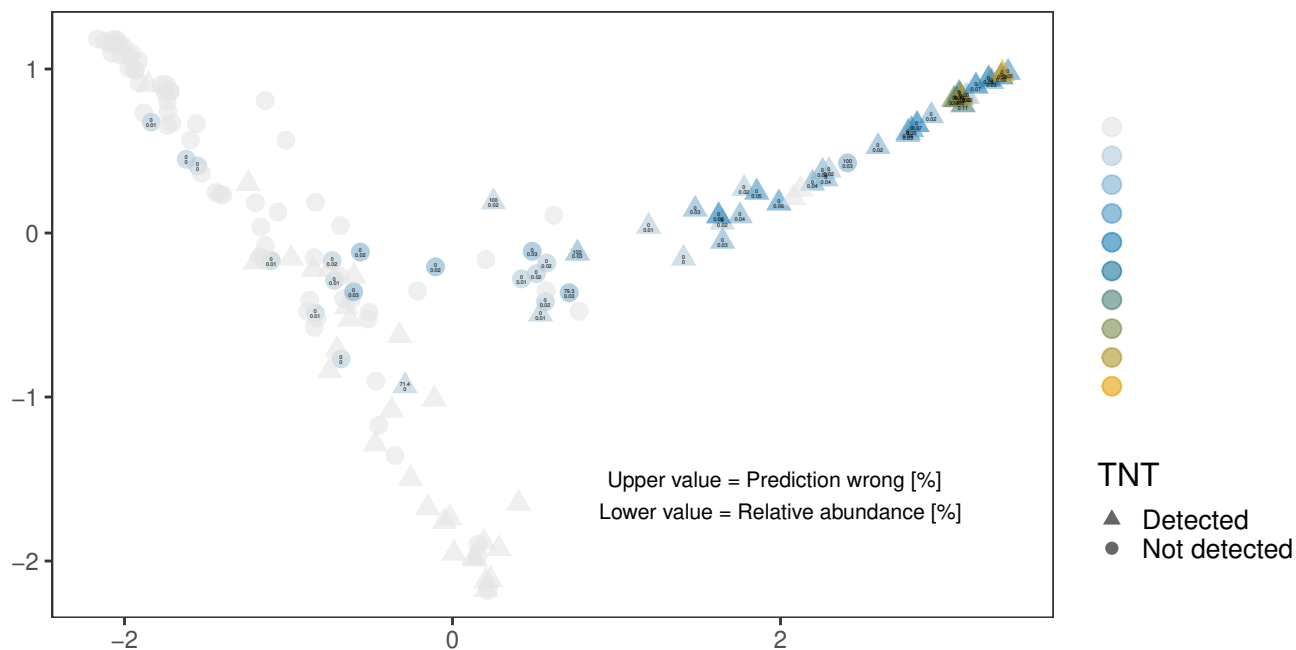
U

Bacteria_Proteobacteria_Alphaproteobacteria_Rhodovibrionales_Kiloniellaceae_NA



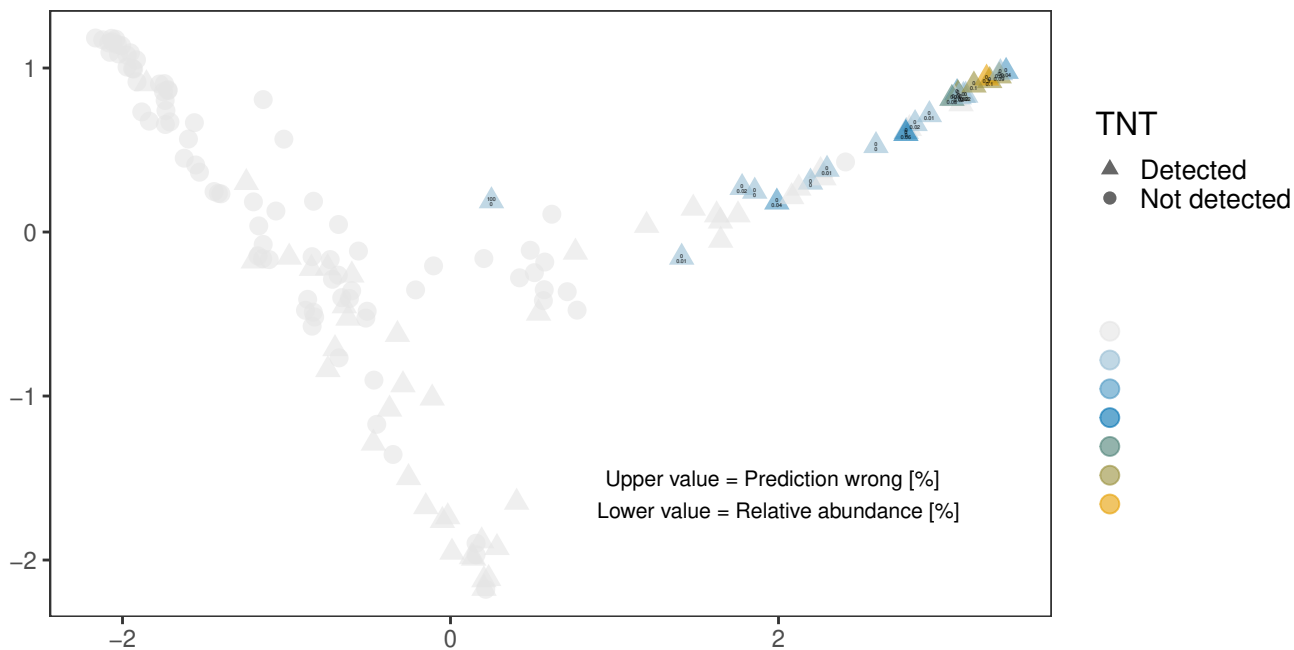
V

Bacteria_Proteobacteria_Deltaproteobacteria_Desulfuromonadales_Geobacteraceae_Geopsychrobacter



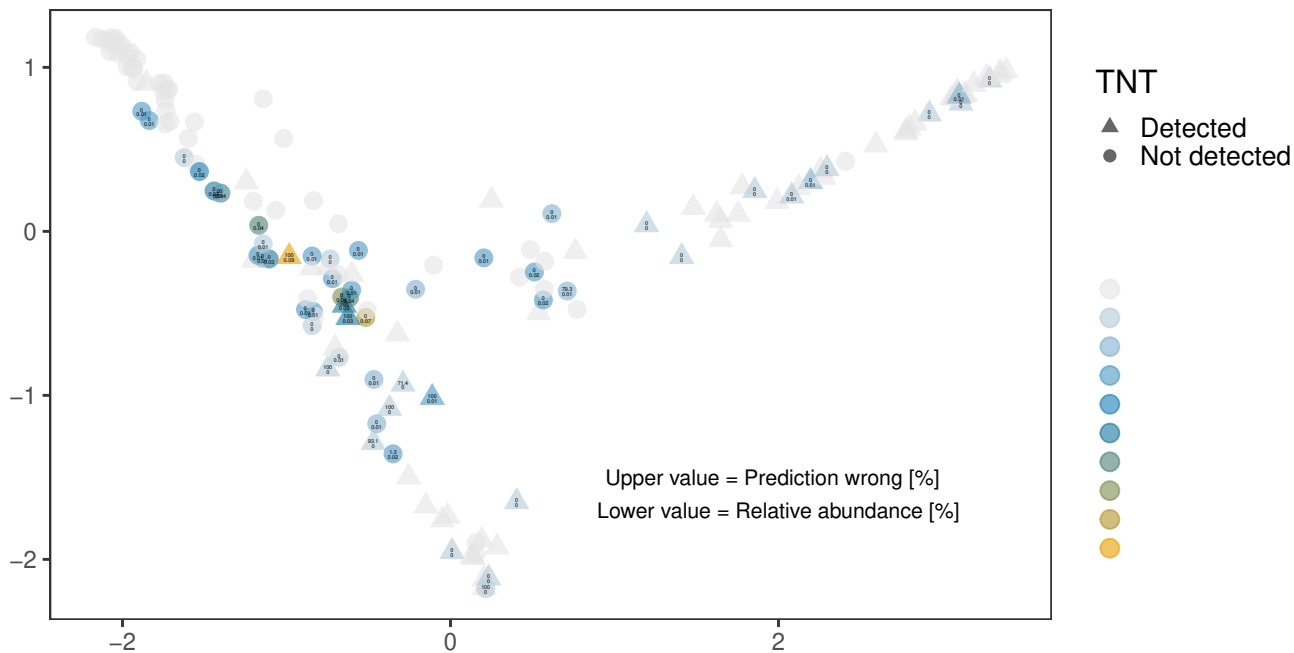
W

Archaea_Euryarchaeota_Methanobacteria_Methanobacteriales_Methanobacteriaceae_Methanobacterium



X

Bacteria_Planctomycetes_Planctomycetacia_Planctomycetales_Gimesiaceae_NA



Y

Bacteria_TA06_NA_NA_NA_NA

