

Figure S1. Boxplot of the alpha diversity Shannon indice of DWDS A (RNA) cold water by the distance from the waterworks.

Additional file 3

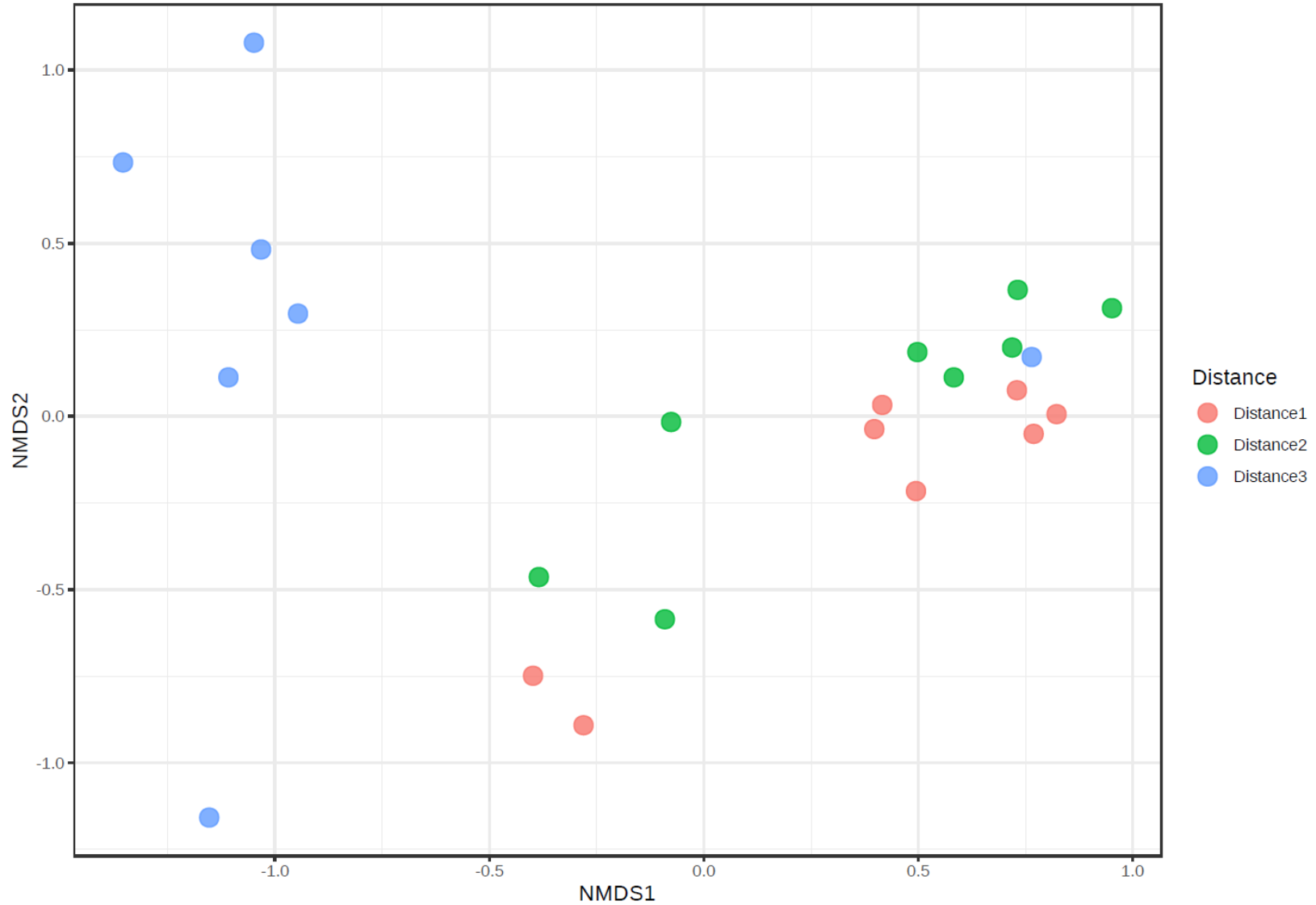


Figure S2. Beta-diversity (Bray-Curtis) of DWDS A (DNA) cold water by the distance from the waterworks. ANOSIM ($R = 0.57$, $P < 0.001$, stress = 0.09).

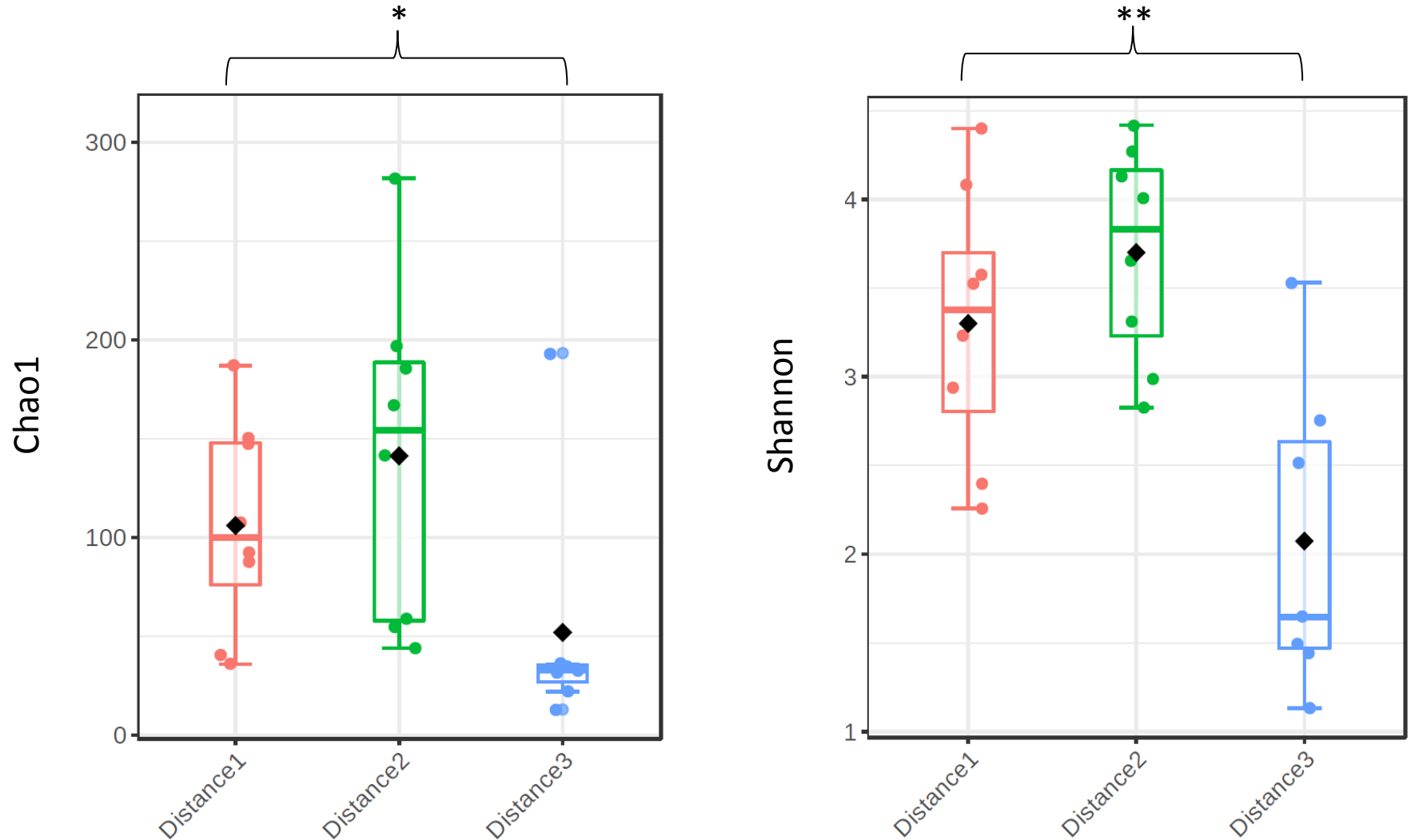


Figure S3. Boxplots of the alpha diversity indices by Chao1 (left figure) and Shannon (right figure) of DWDS A (DNA) cold water by the distance from the waterworks. Statistical significance between distance: * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$.

Additional file 3

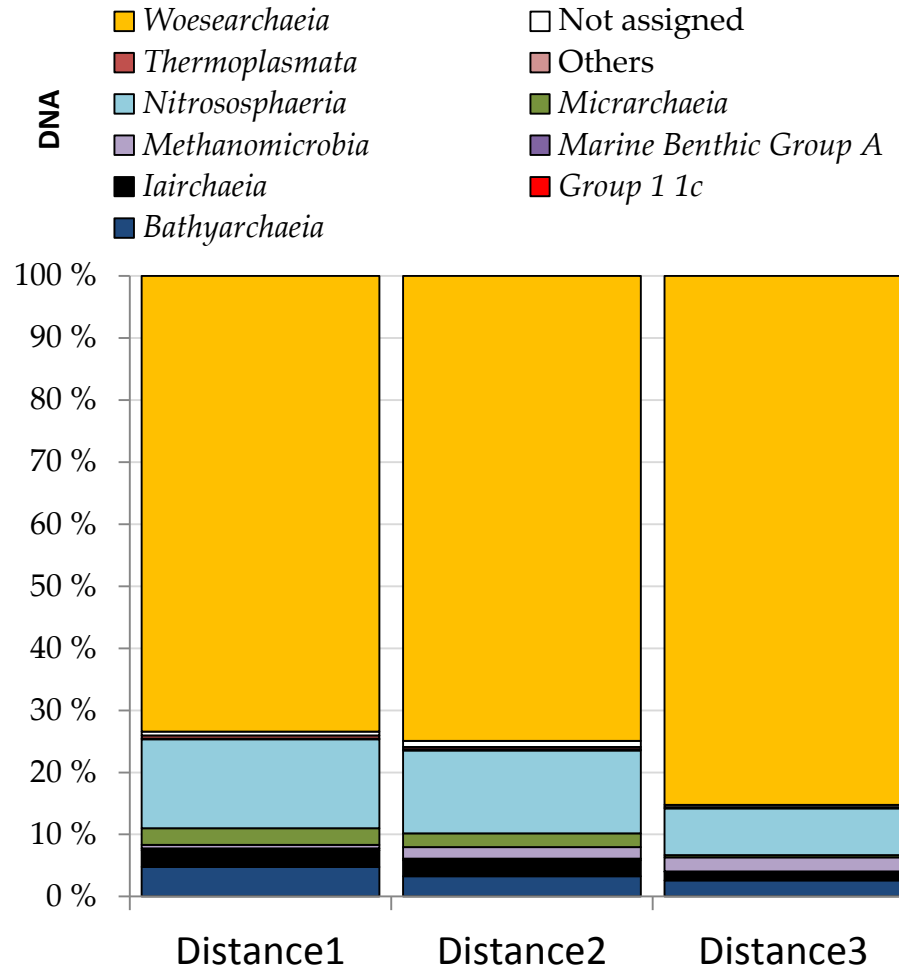


Figure S4. Relative abundance (%) of archaeal classes in DWDS A (DNA) cold water between different distances from the waterworks.