

Scotland's Rural College

Bacterial community composition and diversity respond to nutrient amendment but not warming in a maritime Antarctic soil

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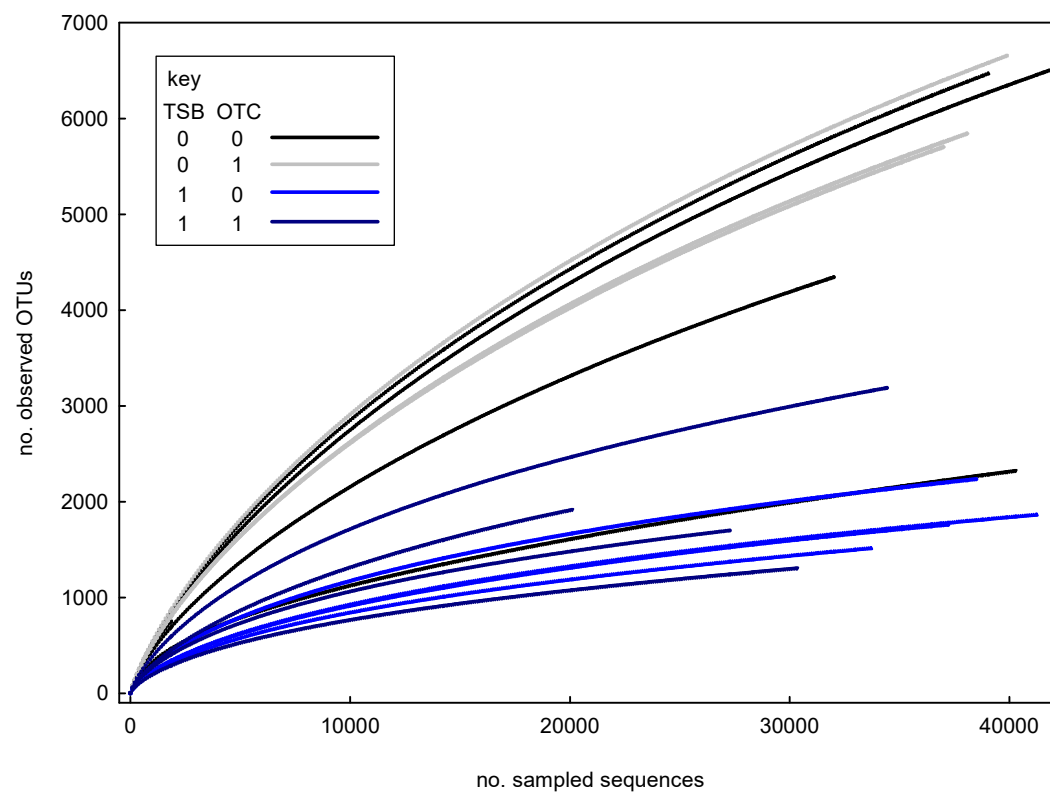
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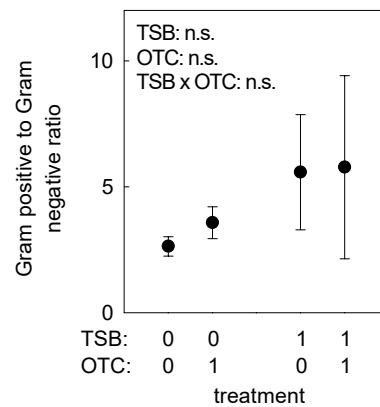
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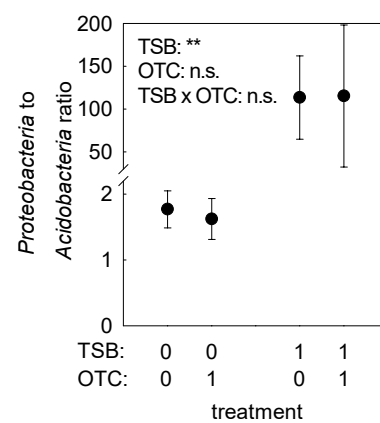
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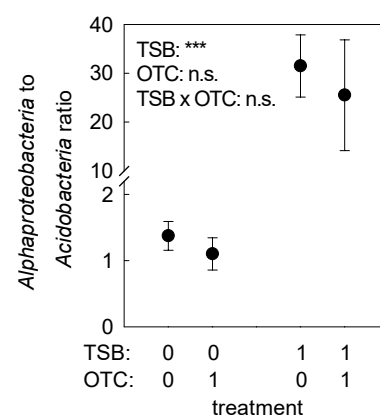
ESM Fig. 1: Rarefaction curves based on Illumina sequencing of bacterial communities in soil at Mars Oasis in 2011 that had received a factorial combination of tryptic soy broth (TSB) and warming (with open top chambers, OTCs).



ESM Fig. 2: Ratio of Gram positive to Gram negative bacteria in soil at Mars Oasis in 2011 that had received a factorial combination of tryptic soy broth (TSB) and warming (with open top chambers, OTCs). Values are means of four replicates \pm SEM. Main and interactive effects of TSB and OTCs are shown. *Abbreviation:* n.s., not significant.



ESM Fig. 3: Ratio of *Proteobacteria* to *Acidobacteria* in soil at Mars Oasis in 2011 that had received a factorial combination of tryptic soy broth (TSB) and warming (with open top chambers, OTCs). Values are means of four replicates \pm SEM. Main and interactive effects of TSB and OTCs are shown. *Abbreviation:* n.s., not significant.



ESM Fig. 4: Ratio of *Alphaproteobacteria* to *Acidobacteria* in soil at Mars Oasis in 2011 that had received a factorial combination of tryptic soy broth (TSB) and warming (with open top chambers, OTCs). Values are means of four replicates \pm SEM. Main and interactive effects of TSB and OTCs are shown. *Abbreviation:* n.s., not significant.

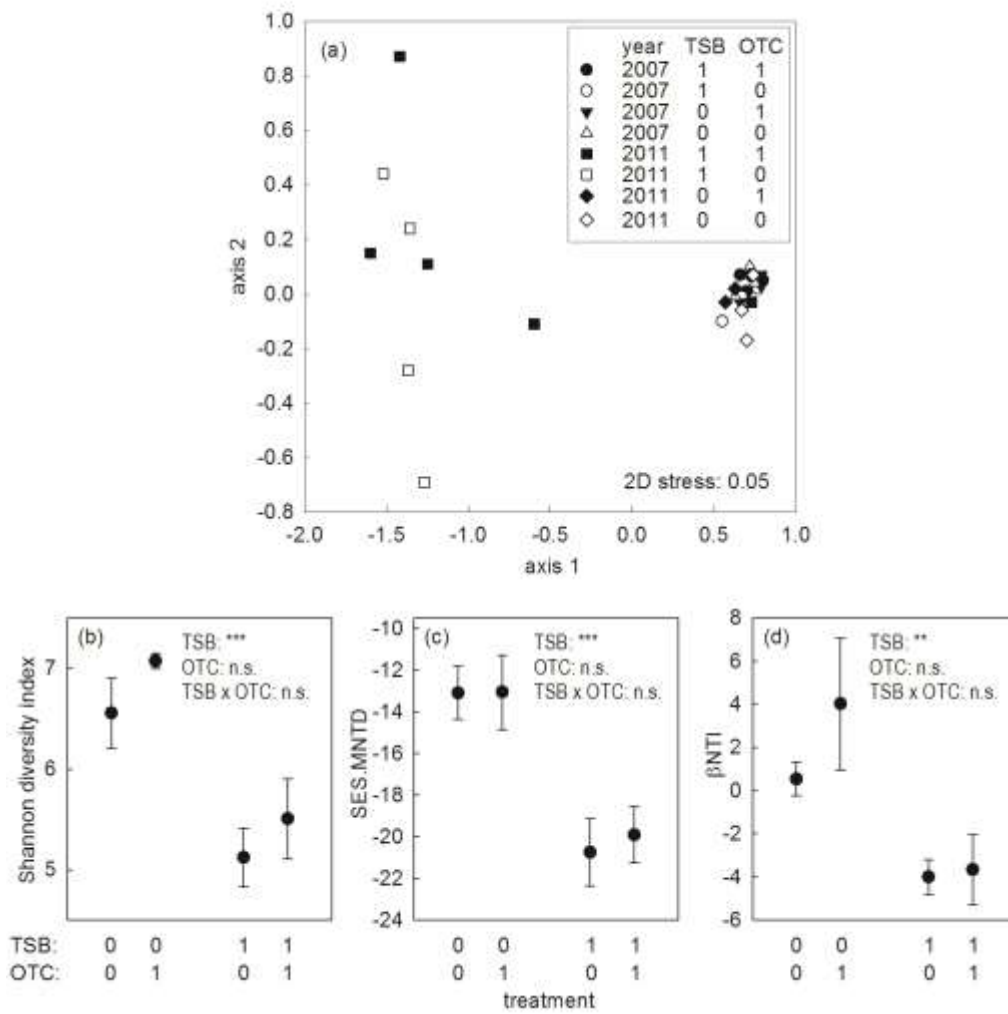


Figure 1

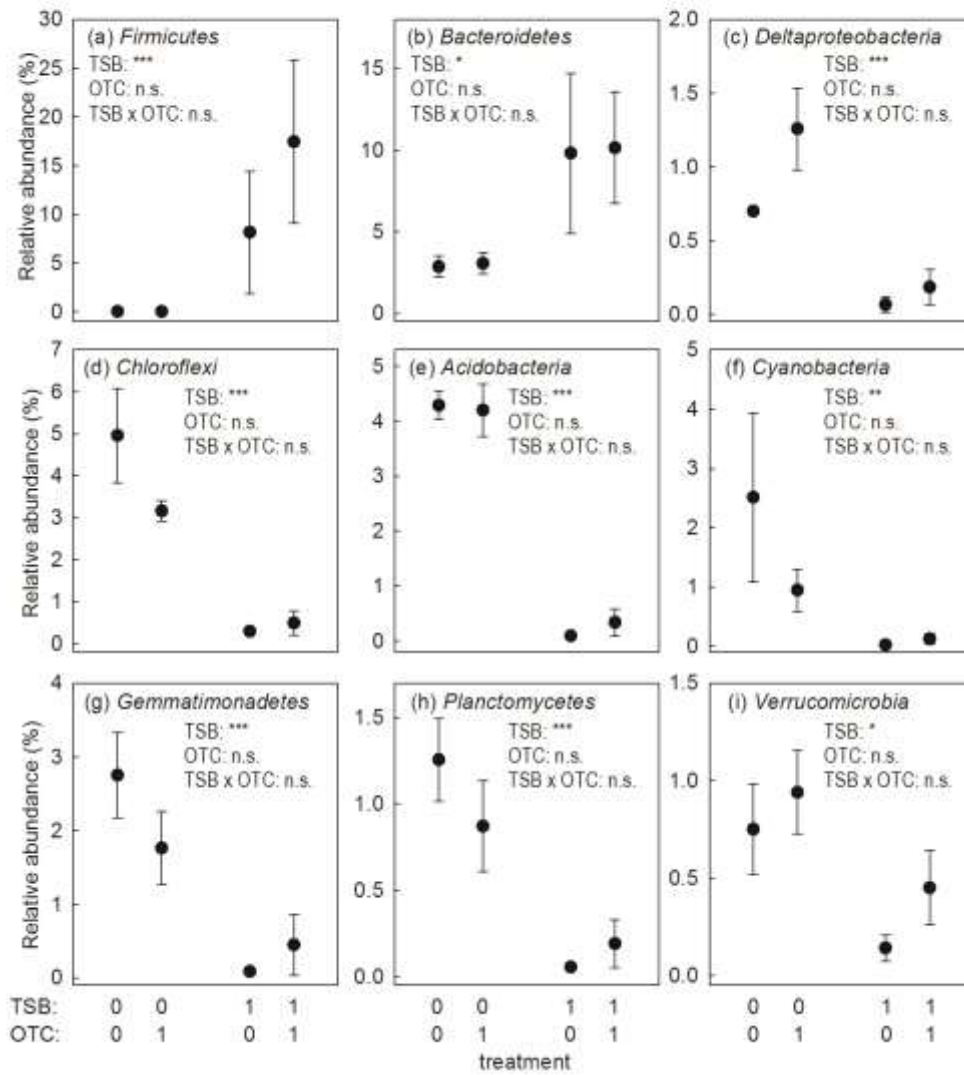


Figure 2

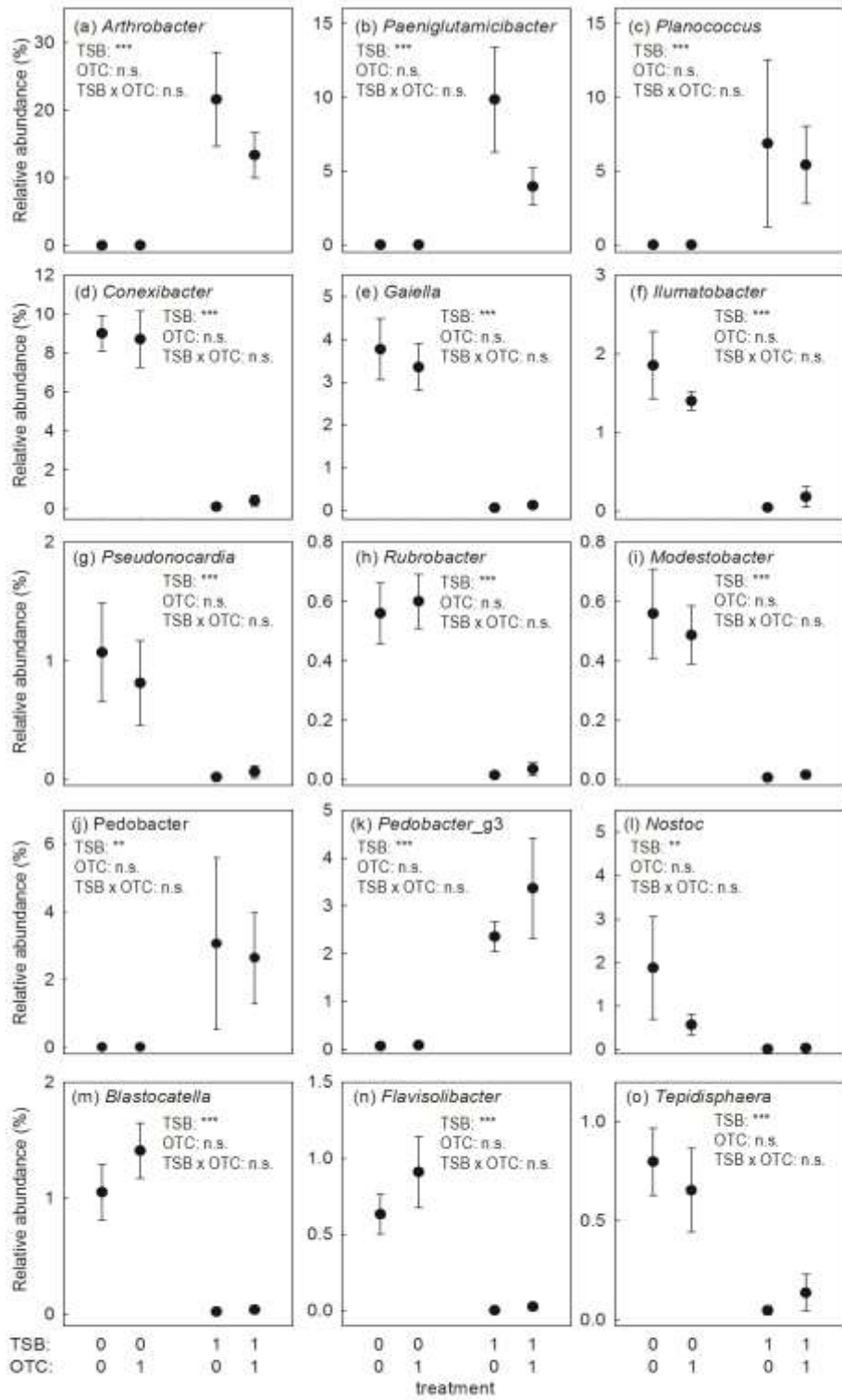


Figure 3