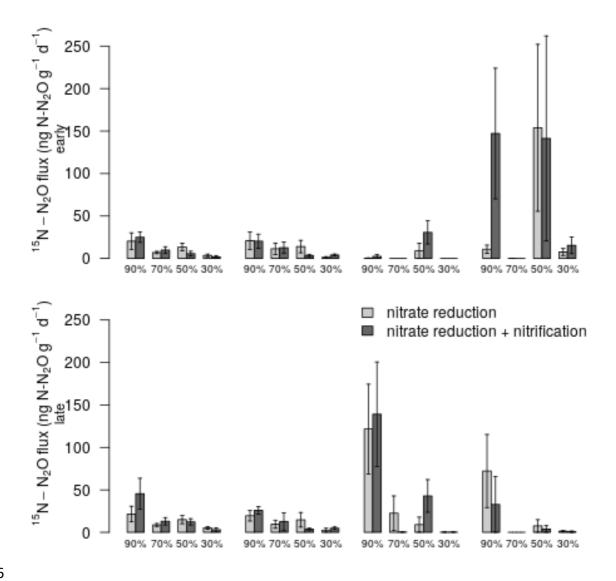
## 1 **Supplementary Online Materials**

Figure S1.  $^{15}\text{N-N}_2\text{O}$  flux from nitrate reduction (mid-grey bars) or nitrate reduction + 2 nitrification (white bars) during the (a) early (<24 hours) and (b) late (>24 hours) incubation 3 4 phases of the of the water-filled pore space experiment. The bar charts show means and 5 standard errors.



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