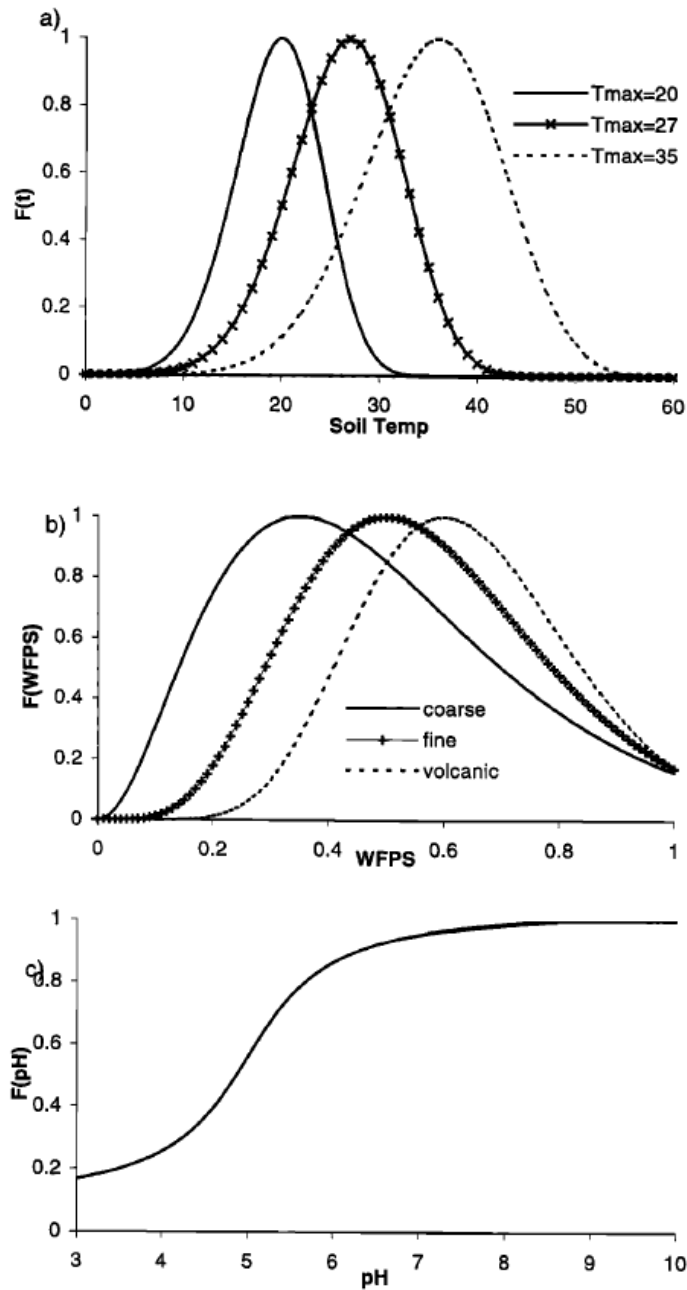


Supplemental Figure 1. Relationship of a) soil temperature, b) soil water filled pore space and c) soil pH on functions used to control nitrification rates in DayCent from (Parton et al., 2001).



Parton, W.J., Holland, E.A., Del Grosso, S.J., Hartman, M.D., Martin, R.E., Mosier, A.R., et al. (2001). Generalized model for NO<sub>x</sub> and N<sub>2</sub>O emissions from soils. *Journal of Geophysical Research-Atmospheres* 106(D15), 17403-17419. doi: 10.1029/2001jd900101.

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