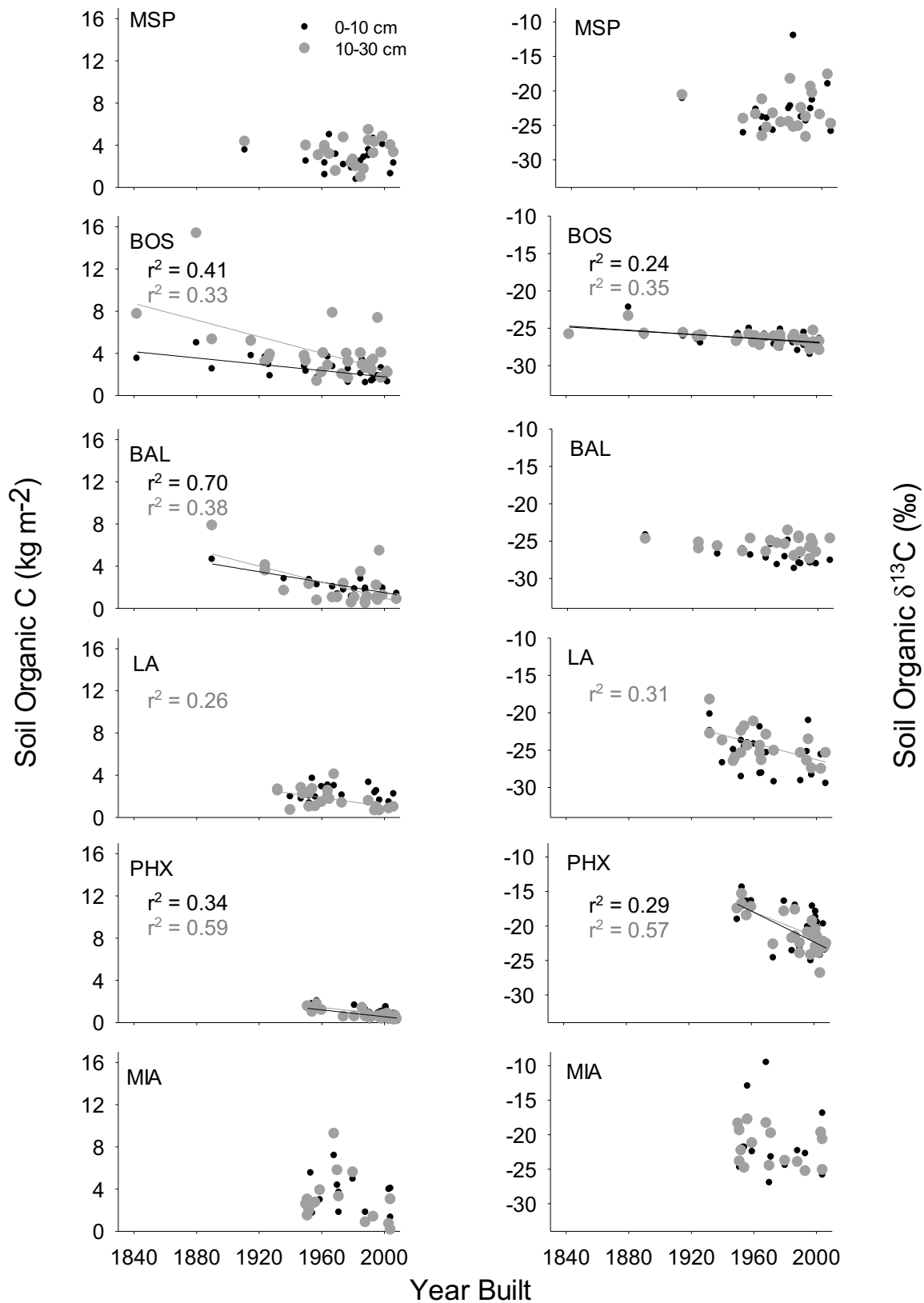


**Supporting Information.** T.L.E. Trammell, D.E. Pataki, R. V. Pouyat, Peter M. Groffman, Carl Rosier, Neil Bettez, Jeannine Cavender-Bares, Morgan Grove, Sharon Hall, James Heffernan, Sarah E. Hobbie, Jennifer L. Morse, Christopher Neill, and Meredith Steele. 2020. Urban soil carbon and nitrogen converge at a continental scale. *Ecological Monographs*.

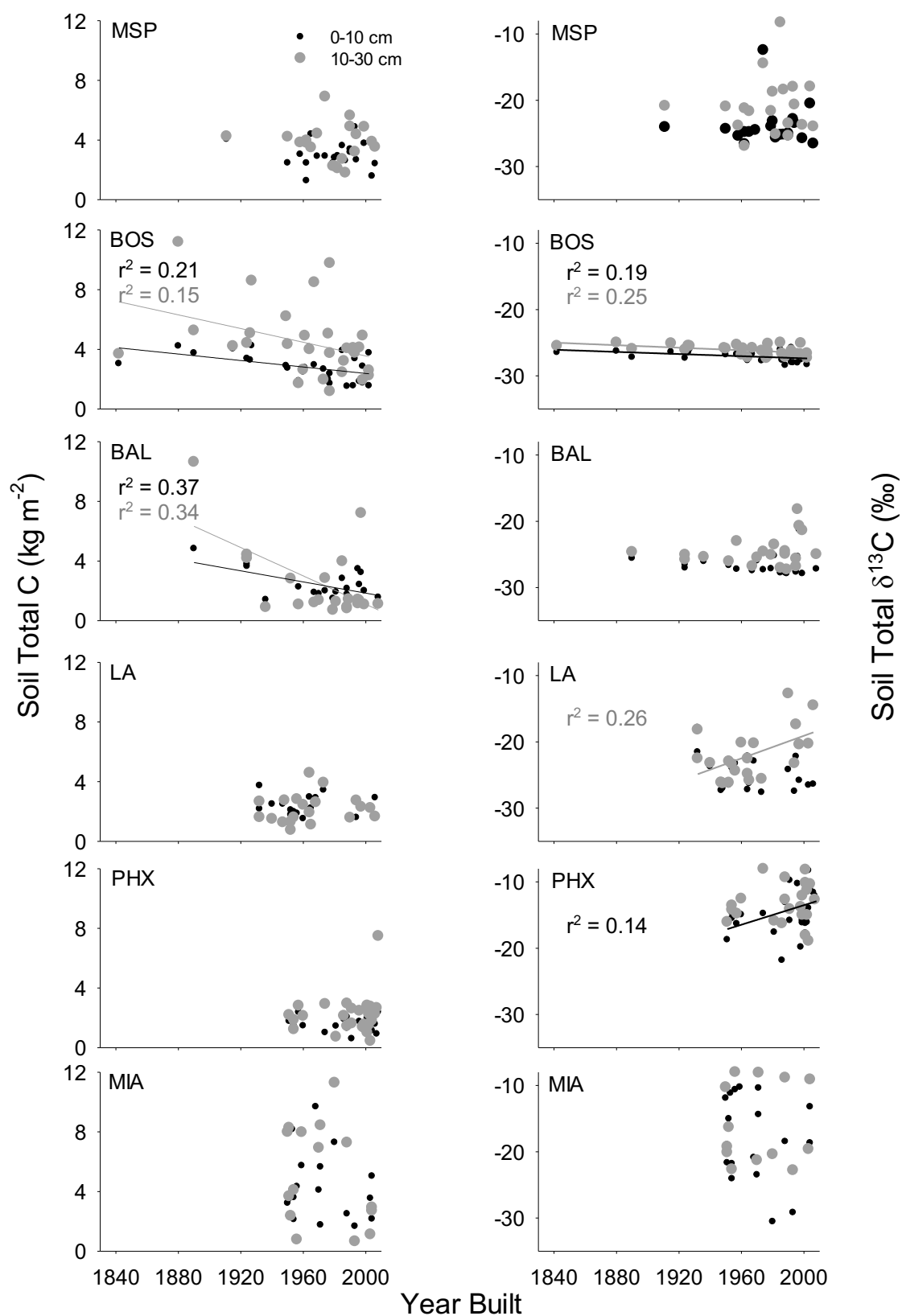
## Appendix S1

**Appendix S1: Table S1** Sample size of urban, suburban, and exurban residential yards in experimental design for BAL, BOS, LA, MIA, MSP, and PHX. Sample sizes are based on the number of soil samples collected in lawns for each city

City	Residential Yards with Lawn ( <i>n</i> )	Urban Yards ( <i>n</i> )	Suburban Yards ( <i>n</i> )	Exurban Yards ( <i>n</i> )
BAL	21	6	9	6
BOS	30	9	11	10
LA	21	9	6	6
MIA	20	10	7	3
MSP	20	8	6	6
PHX	27	5	10	12



**Appendix S1: Fig. S1** Relationship between soil *organic* C (kg m<sup>-2</sup>) and δ<sup>13</sup>C (‰) with the year the house was built for the surface and subsoil in MSP, BOS, BAL, LA, PHX, and MIA



**Appendix S1: Fig. S2** Relationship between soil *total* C ( $\text{kg m}^{-2}$ ) and  $\delta^{13}\text{C}$  (‰) with the year the house was built for the surface and subsoil in MSP, BOS, BAL, LA, PHX, and MIA