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Soil Research

Supplementary Material

A method for soil management assessment in an unreplicated commercial field

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Supplementary information

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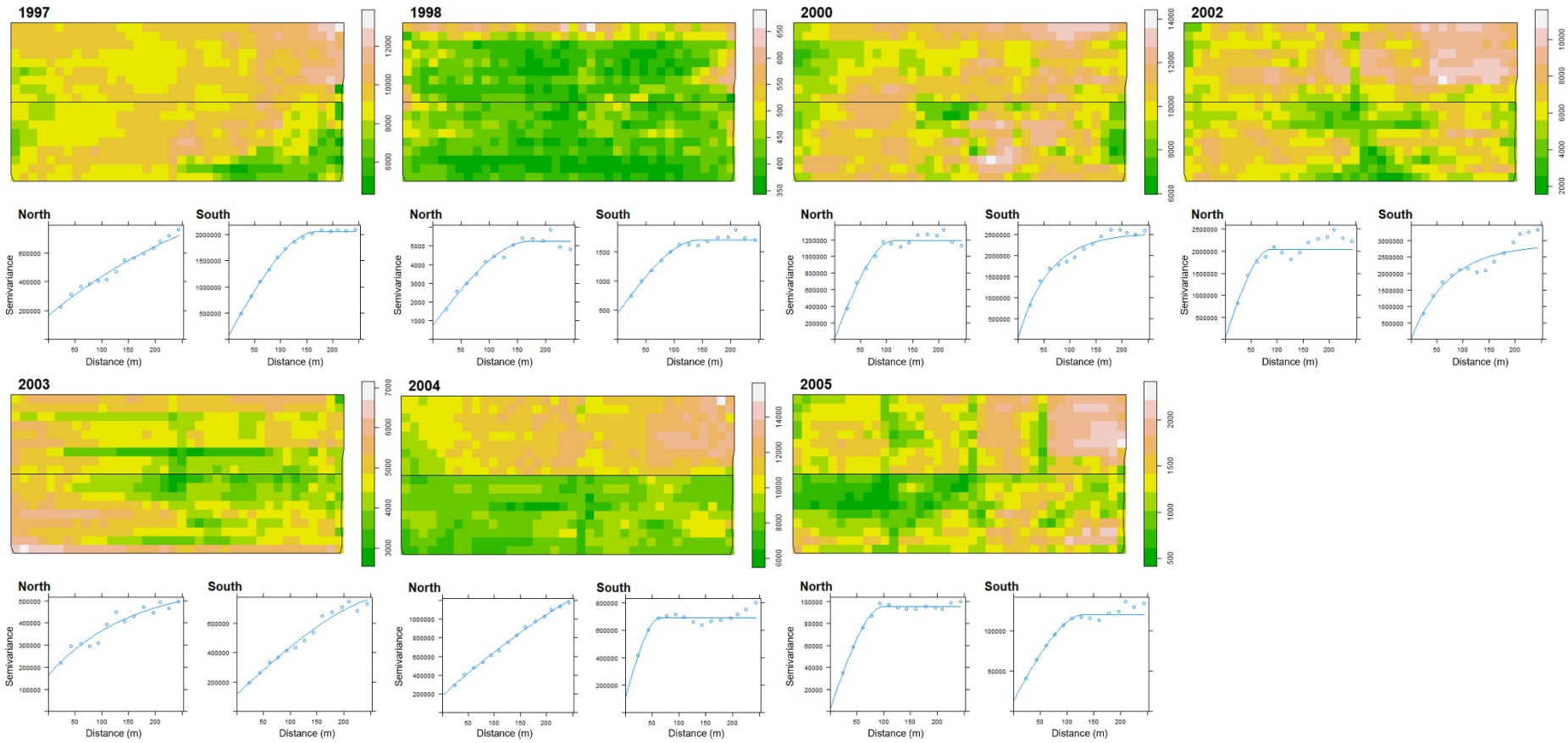
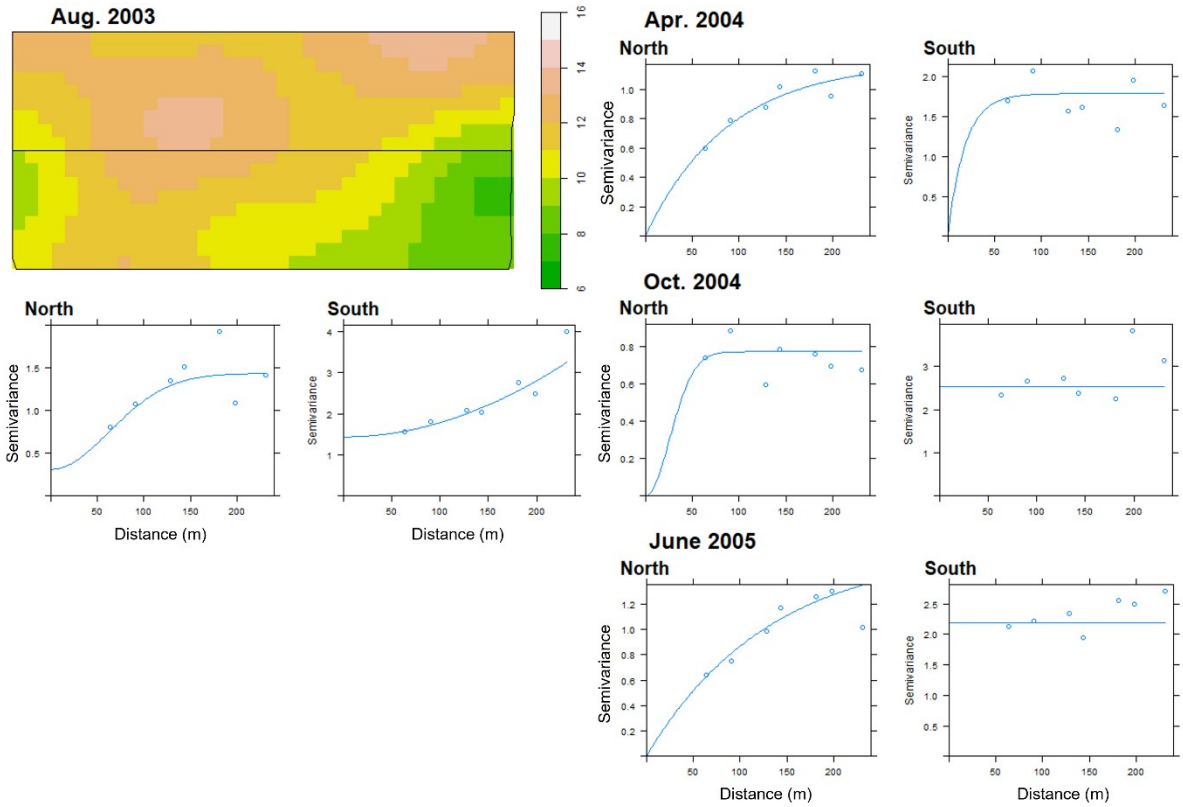
Table S1. The content of total soil organic carbon (%) by field and time (*N* = 36).

		Time			
		Aug. 2003	Apr. 2004	Oct. 2004	June 2005
North	Mean	1.06	0.96	0.93	0.89
	Median	1.06	0.96	0.94	0.89
	Standard deviation	0.10	0.08	0.07	0.09
	Maximum	1.26	1.16	1.11	1.09
	Minimum	0.82	0.81	0.80	0.67
	Coefficient of variation	9.22	8.75	7.97	9.88
South	Mean	0.91	0.96	0.92	0.92
	Median	0.89	0.95	0.90	0.94
	Standard deviation	0.16	0.13	0.18	0.15
	Maximum	1.20	1.24	1.38	1.25
	Minimum	0.58	0.72	0.60	0.58
	Coefficient of variation	17.21	13.32	19.52	16.62



Supplementary Figure S1. Spatial distribution of annual crop yields and corresponding semivariograms at each field (*N* = 362). The fields were planted to maize (*Zea mays* L.) in 1997, sunflower (*Helianthus annuus* L.) in 1998, maize in 2000 and 2002, wheat (*Triticum aestivum* L.) in 2003, maize in 2004, and sunflower in 2005.



Supplementary Figure S2. Spatial distribution of baseline total soil organic carbon (*N* = 72) and corresponding semivariograms.