Supplementary Materials: The Evaluation on the Cadmium Net Concentration for Soil Ecosystems

Yu Yao, Pei-Fang Wang *, Chao Wang, Jun Hou and Ling-Zhan Miao

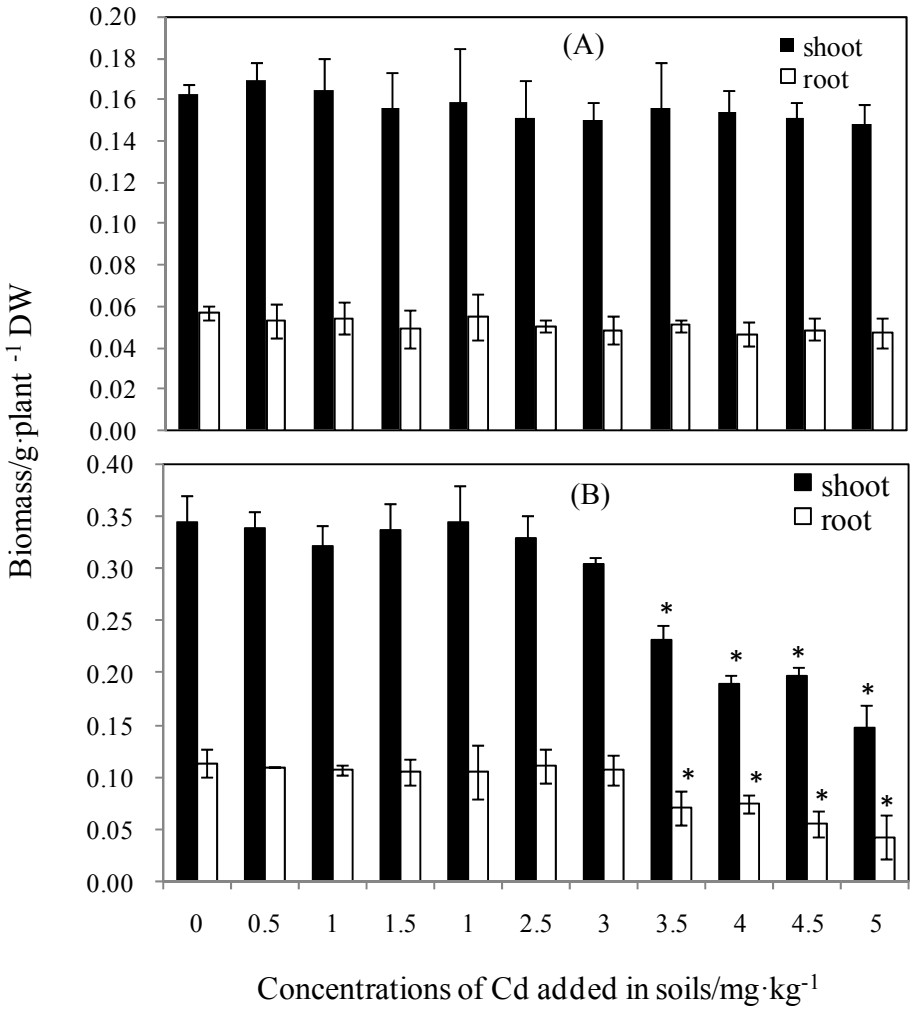

Figure S1. The biomass of wheat (A) and maize (B) grown in soils added with different levels of Cd. Each value is the mean ± SD (standard deviation, n = 3).

Table S1. Linear correlation coefficients (r) between Cd concentrations in the plant tissues and bioavailable concentrations of Cd measured by eight methods in soils.

Plant species	Plant tissues	C_{DGT} [a]	C_{sol} [b]	HAc[c]	EDTA	NaAc	NH_4Ac	$MgCl_2$[d]	$CaCl_2$
wheat	shoot	0.985 **	0.969 **	0.946 **	0.970 **	0.939 **	0.936 **	0.968 **	0.937 **
	root	0.988 **	0.986 **	0.974 **	0.983 **	0.968 **	0.968 **	0.986 **	0.956 **
maize	shoot	0.994 **	0.997 **	0.984 **	0.995 **	0.982 **	0.930 **	0.985 **	0.981 **
	root	0.973 **	0.968 **	0.977 **	0.966 **	0.985 **	0.947 **	0.964 **	0.971 **

[a] C_{DGT}: the DGT-measured concentration of Cd. [b] C_{sol}: soil solution concentration of Cd. [c] HAc: the first step in the method of the European Community Bureau of Reference (BCR). [d] $MgCl_2$: the first step in the five-step sequential extraction procedure by Tessier et al. (1979). ** Correlation is significant at the 0.01 level.