



Figure S1. Overview of the pumping well for irrigation in the study area.



Figure S2. Overview of the mine tailing dumps located in the study area. a) Top and b) sides of the mine tailing dumps.

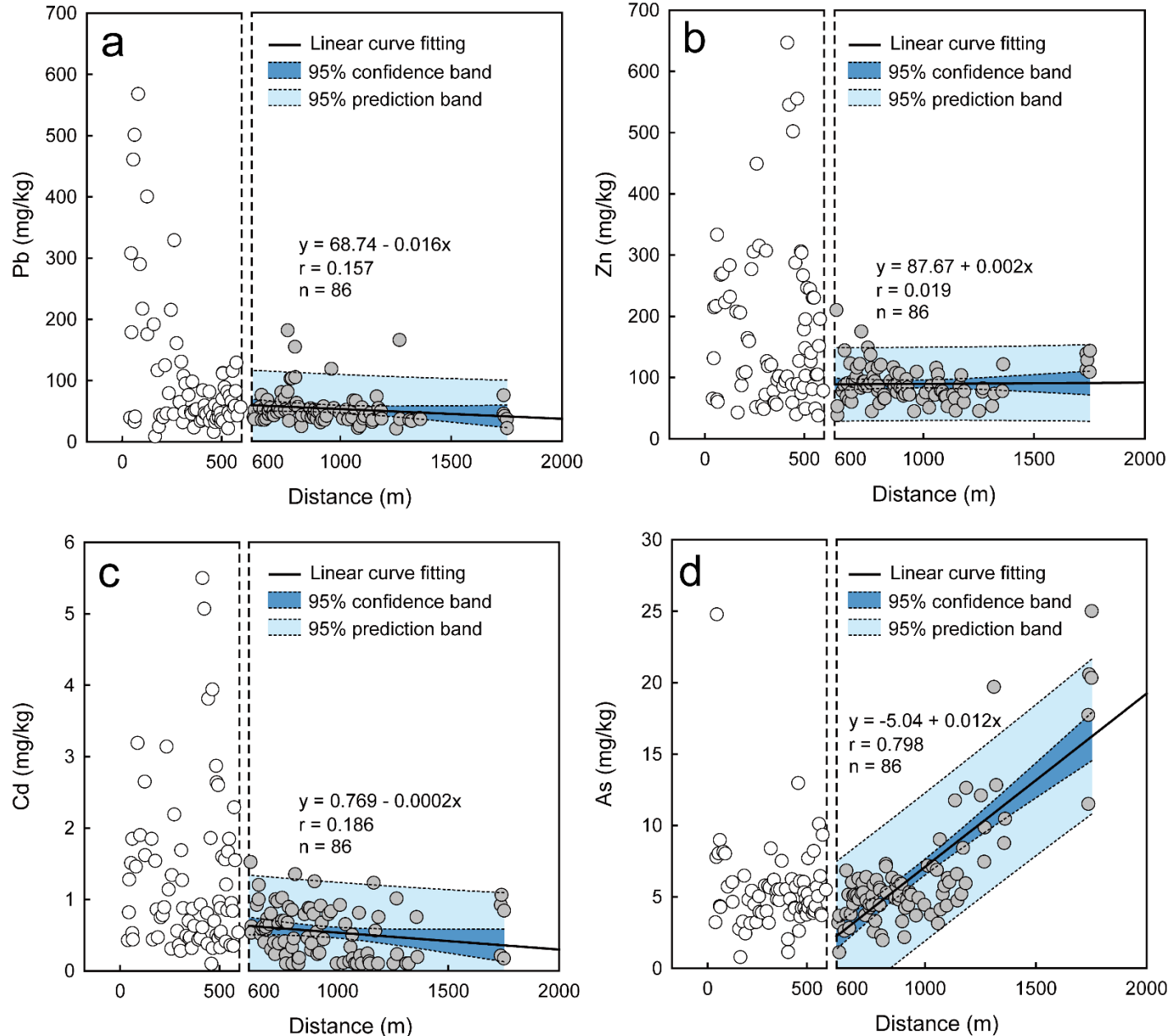


Figure S3. Scatter diagrams of metal(loid) concentrations in agricultural soils ($n = 162$) and the increasing distance from the mine tailing dumps. a) Pb, b) Zn, c) Cd, and d) As. ○: < 600 m and ●: > 600 m.