## Parameter list and descriptions of the dataset "raw data greenhouse experiment.csv"

| Parameter | Medium | Unit | Description | Analyze method |
|---|---|---|---|---|
| Croptype | | | Lettuce (*Lactuca sativa gr. Crispa* ), chard (*Beta vulgaris gr. Leaf Beet* ) or carrot (*Daucus carota* ) | |
| Country | | | Country codes for soil samples collected from urban allotments in Copenhagen, Denmark (DK); Widnes (UK); Malmö, Sweden (SE); Madrid, Spain (ES); Pribram, Czech Republic (CZ); Berlin, Germany (DE) | |
| Sitenr | | | Serial site number | |
| pH | soil | | | Measured in soil:deionized $H_20$ suspension (1:2.5) |
| SOM | soil | proportion | Soil organic matter as proportion of total dry weight | Loss on ignition at 580°C |
| CEC | soil | $cmol \cdot kg^{-1}$ | Effective cation exchange capacity | Effective CEC, barium chloride solution (method: CSN ISO 11260) |
| Clay | soil | proportion | Proportion of grain size < 0.002 mm | Laser particle size analyzer in liquid dispersion mode |
| Silt | soil | proportion | Proportion of grain size < 0.063 mm and ≥ 0.002 mm | Laser particle size analyzer in liquid dispersion mode |
| Al | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Ca | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Fe | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Mg | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Mn | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| S | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| K | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Na | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| P | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Ba_T | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, T = target metal in soil, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Cd_T | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, T = target metal in soil, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Cu_T | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, T = target metal in soil, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Ni_T | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, T = target metal in soil, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Pb_T | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, T = target metal in soil, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Zn_T | soil | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, T = target metal in soil, dw = dry weight | Aqua Regia digestion with conc. HCl and conc. $HNO_3$ (3:1) + ICP-SFMS |
| Ba_crop | crop | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, crop = target metal in crop, dw = dry weight | Digestion with conc. $HNO_3$ + ICP-SFMS |
| Cd_crop | crop | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, crop = target metal in crop, dw = dry weight | Digestion with conc. $HNO_3$ + ICP-SFMS |
| Cu_crop | crop | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, crop = target metal in crop, dw = dry weight | Digestion with conc. $HNO_3$ + ICP-SFMS |
| Ni_crop | crop | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, crop = target metal in crop, dw = dry weight | Digestion with conc. $HNO_3$ + ICP-SFMS |
| Pb_crop | crop | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, crop = target metal in crop, dw = dry weight | Digestion with conc. $HNO_3$ + ICP-SFMS |
| Zn_crop | crop | $mg \cdot kg^{-1}_{dw}$ | Pseudo-total element concentration, crop = target metal in crop, dw = dry weight | Digestion with conc. $HNO_3$ + ICP-SFMS |