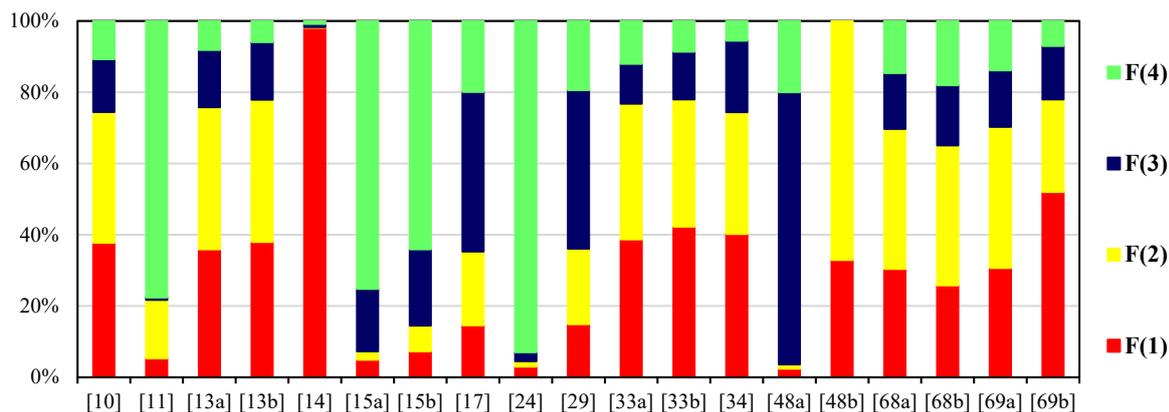


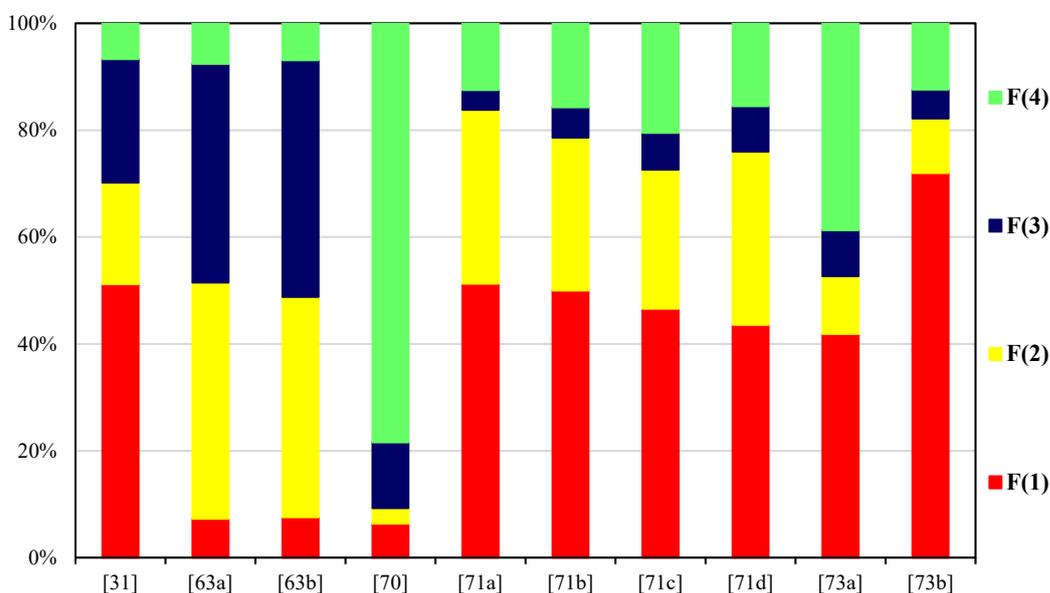
Supplementary Materials: Chemical Fractionation in Environmental Studies of Potentially Toxic Particulate-Bound Elements in Urban Air: A Critical Review

Ryszard Świątlik * and Marzena Trojanowska

Fernandez-Espinoza procedure



BCR procedures



Chester's procedure

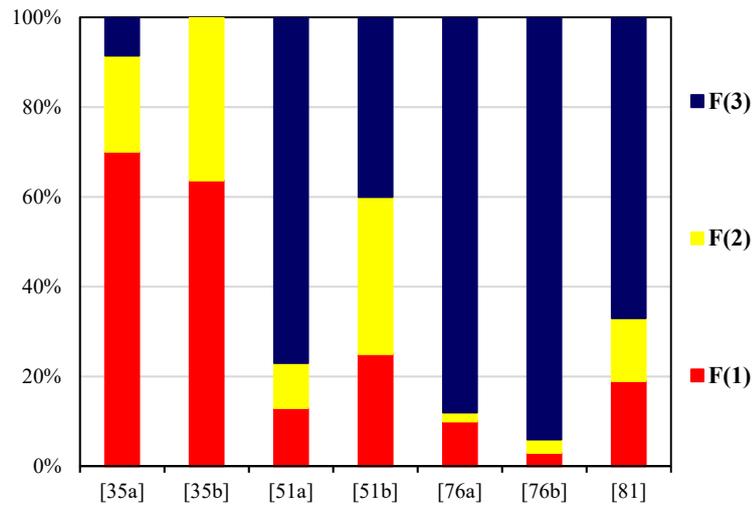
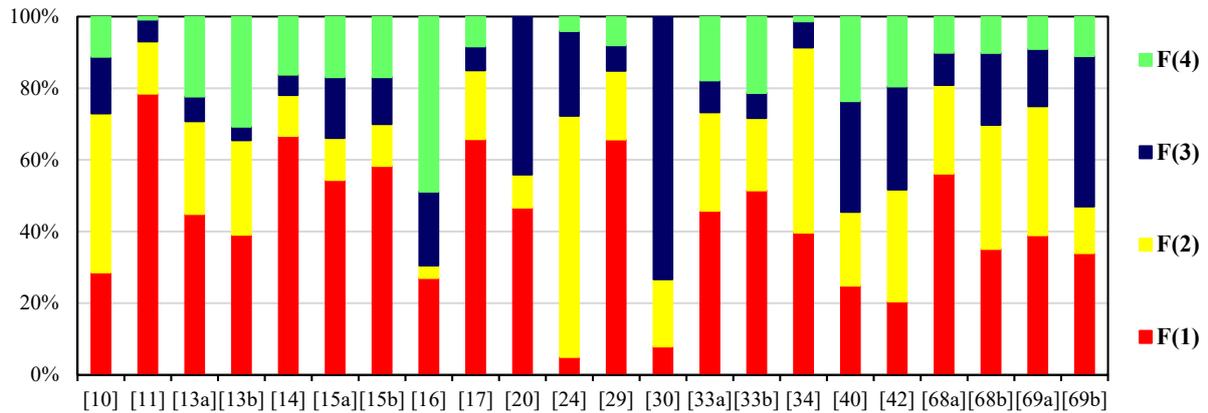
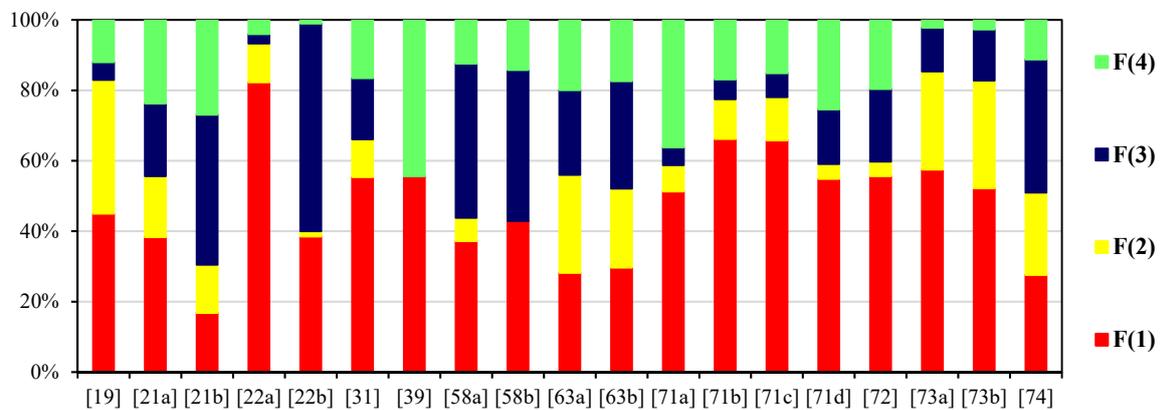


Figure S1. Operational speciation of As in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.

Fernandez-Espinoza procedure



BCR procedures



Chester's procedure

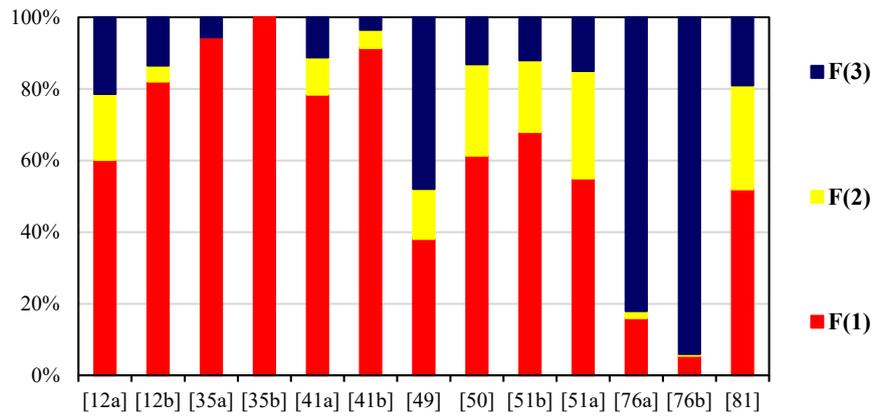
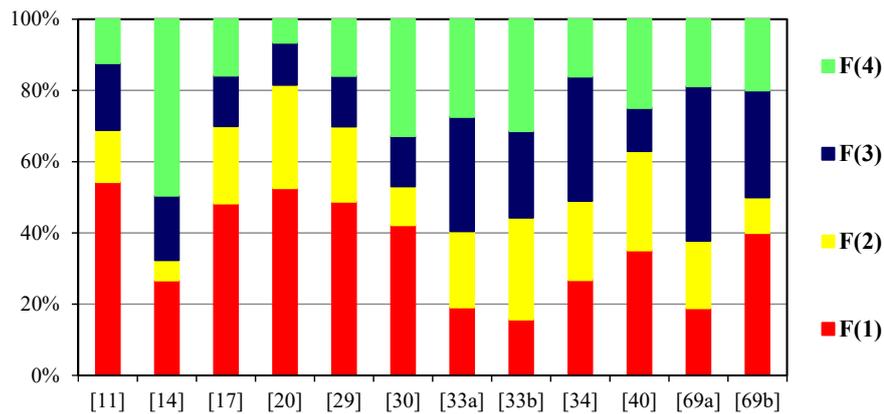
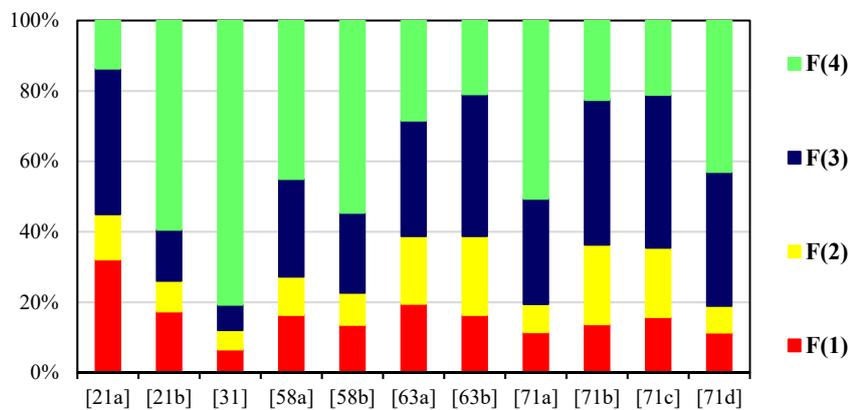


Figure S2. Operational speciation of Cd in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.

Fernandez-Espinoza procedure



BCR procedures



Chester's procedure

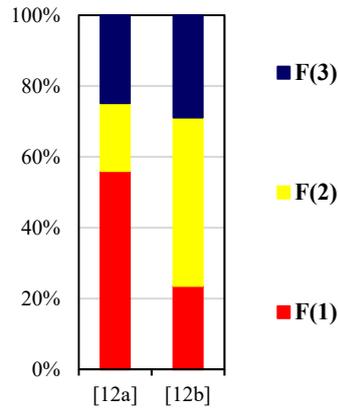
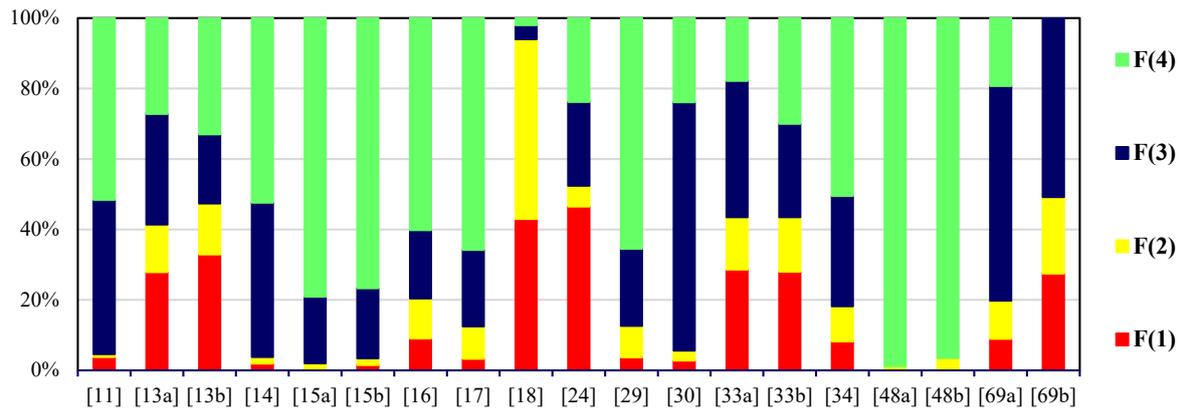
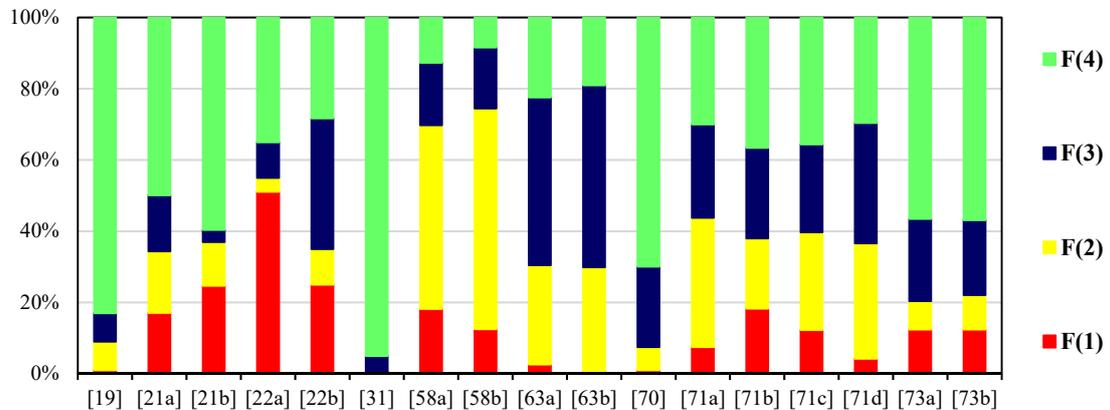


Figure S3. Operational speciation of Co in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.

Fernandez-Espinoza procedure



BCR procedures



Chester's procedure

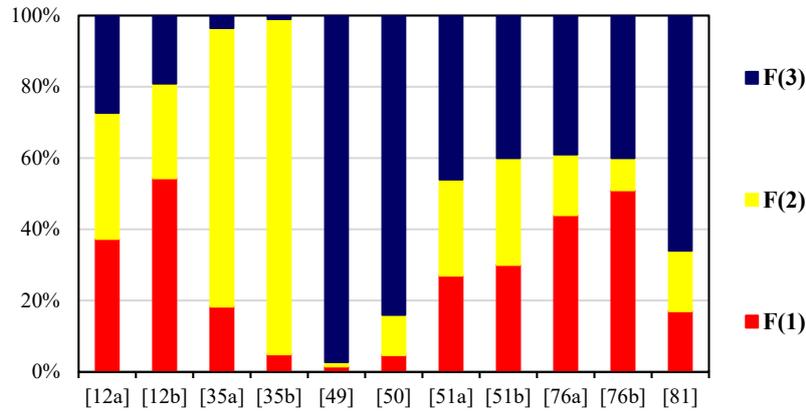
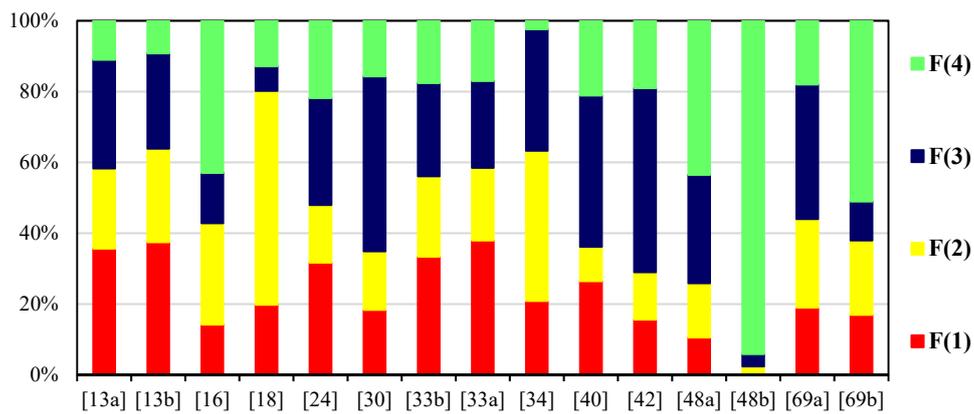
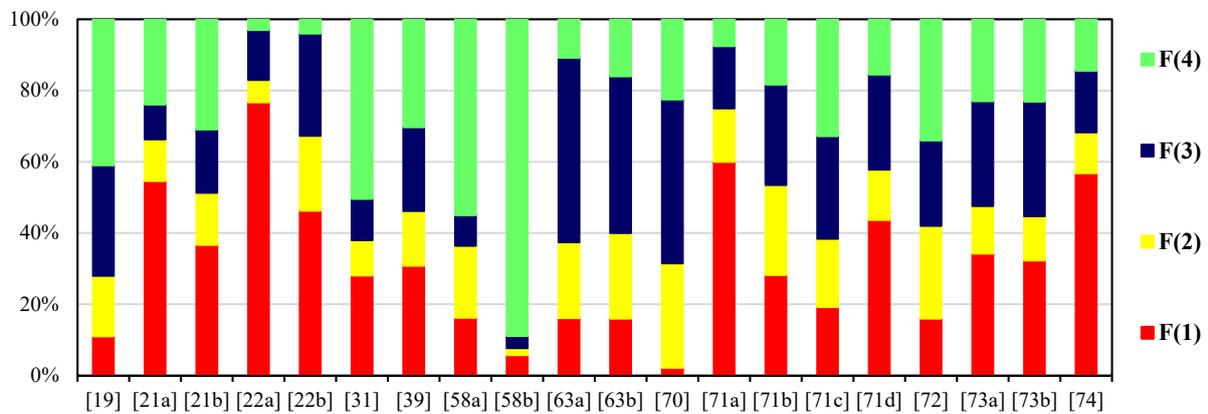


Figure S4. Operational speciation of Cr in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.

Fernandez-Espinoza procedure



BCR procedures



Chester's procedure

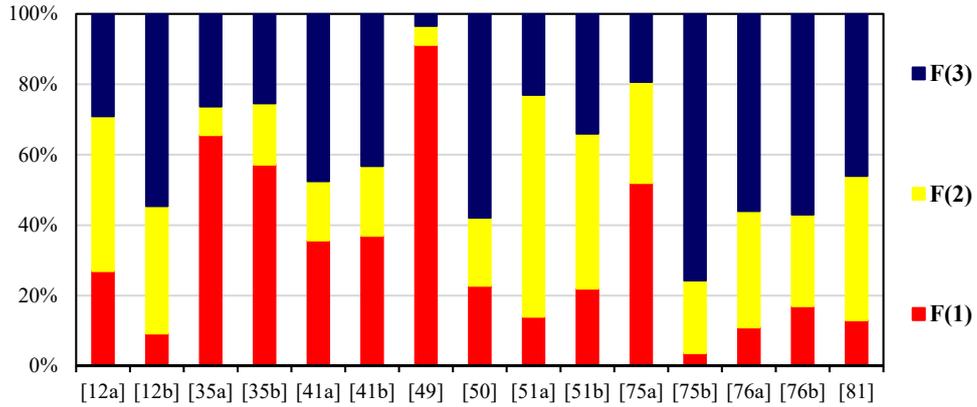
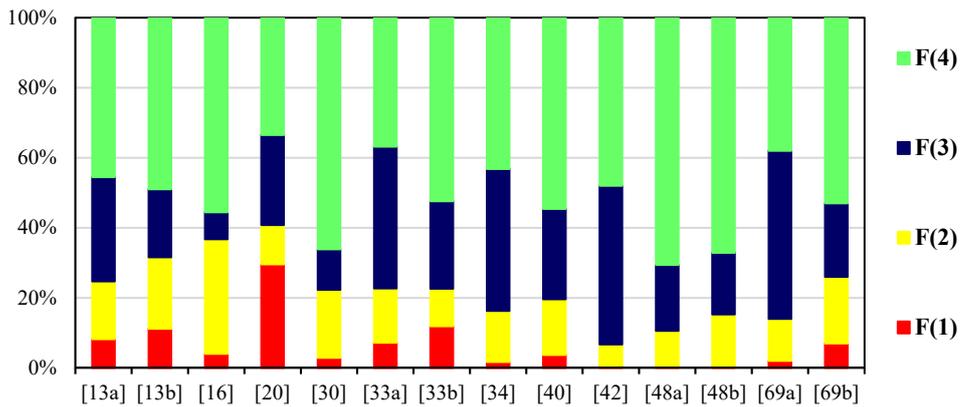
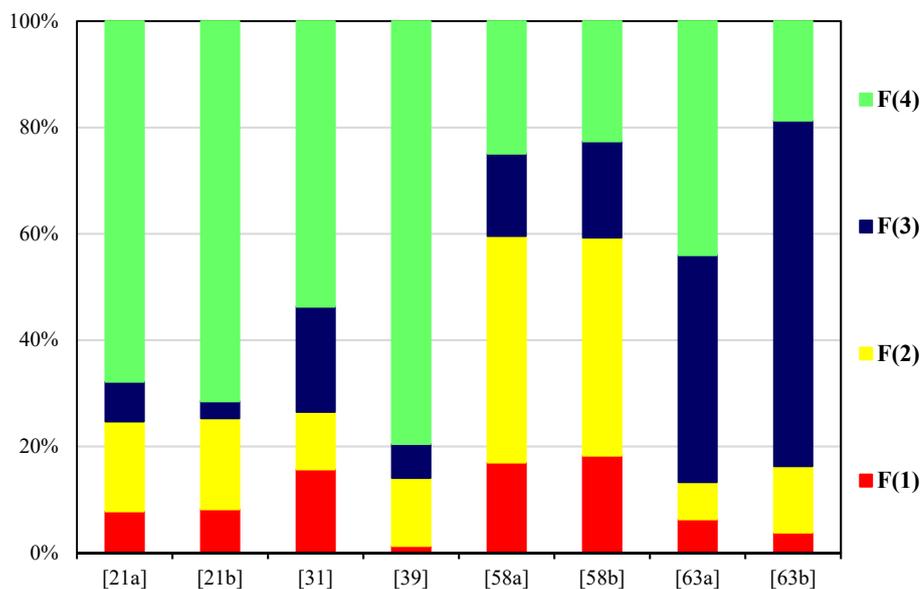


Figure S5. Operational speciation of Cu in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.

Fernandez-Espinoza procedure



BCR procedures



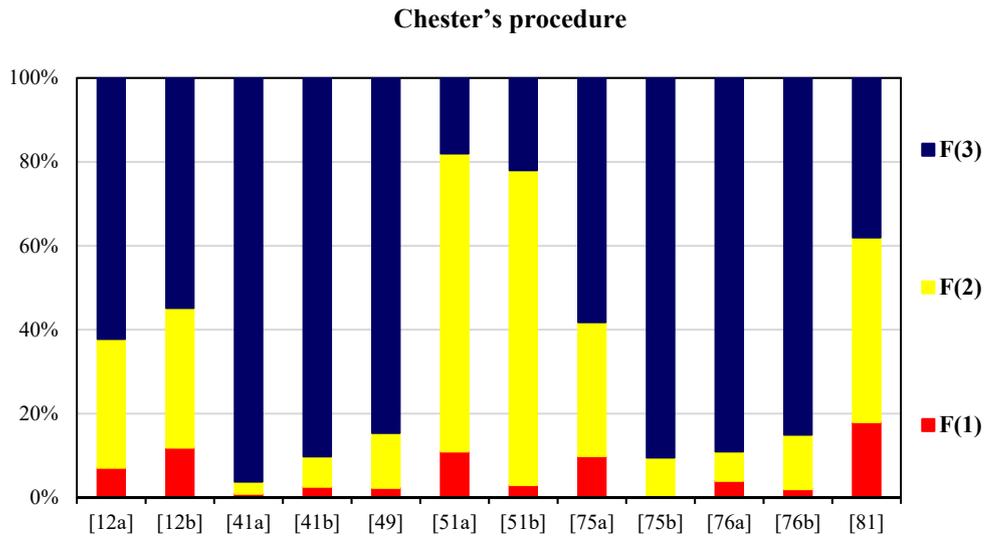
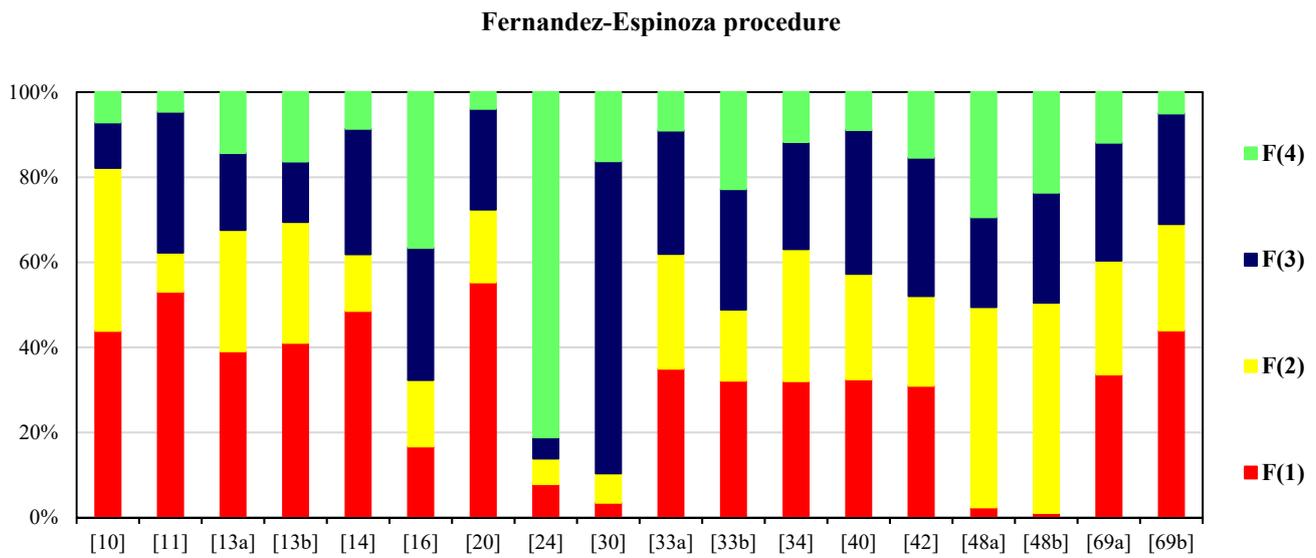
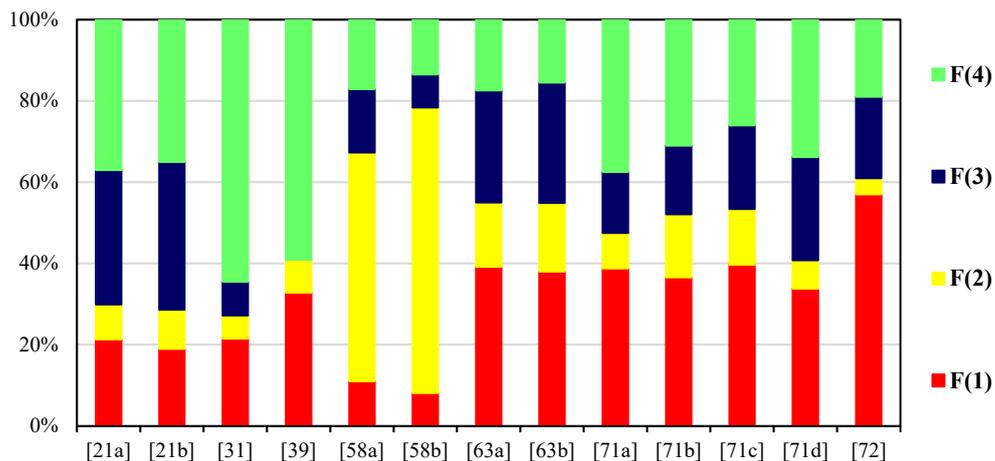


Figure S6. Operational speciation of Fe in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.



BCR procedures



Chester's procedure

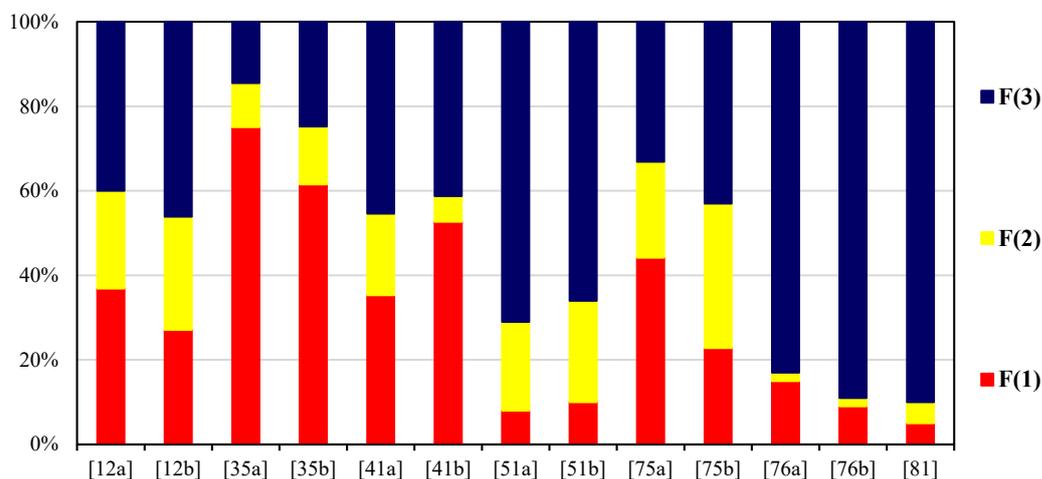
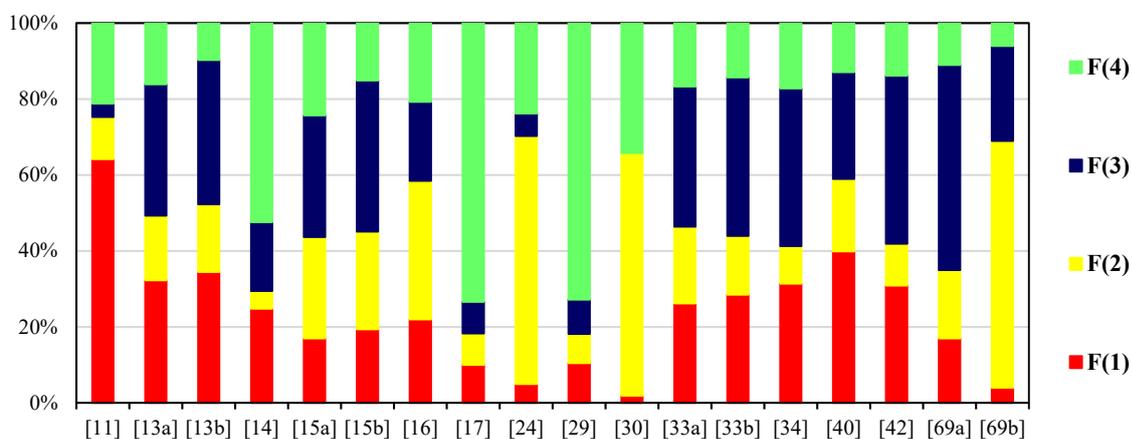


Figure S7. Operational speciation of Mn in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.

Fernandez-Espinoza procedure



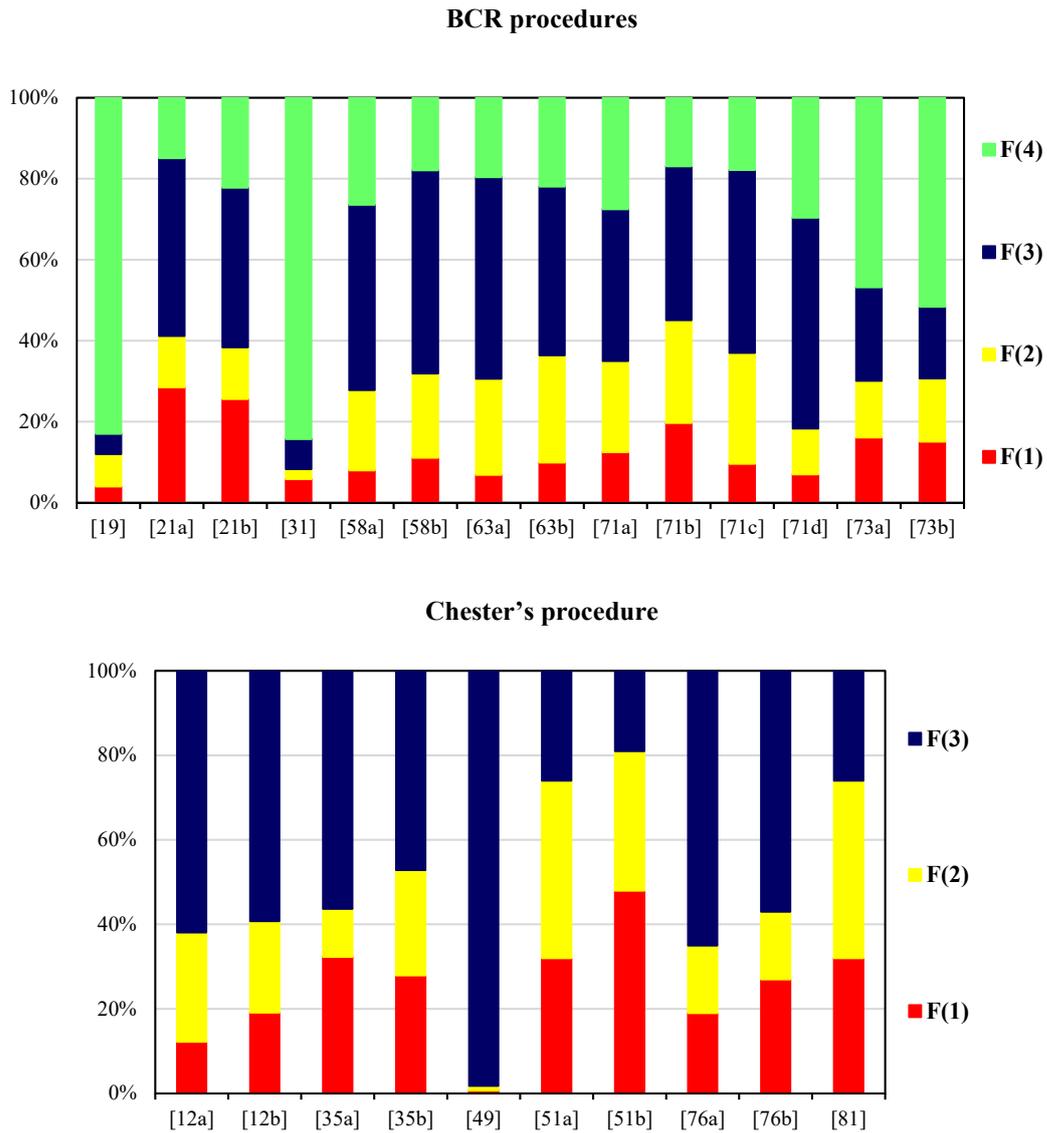
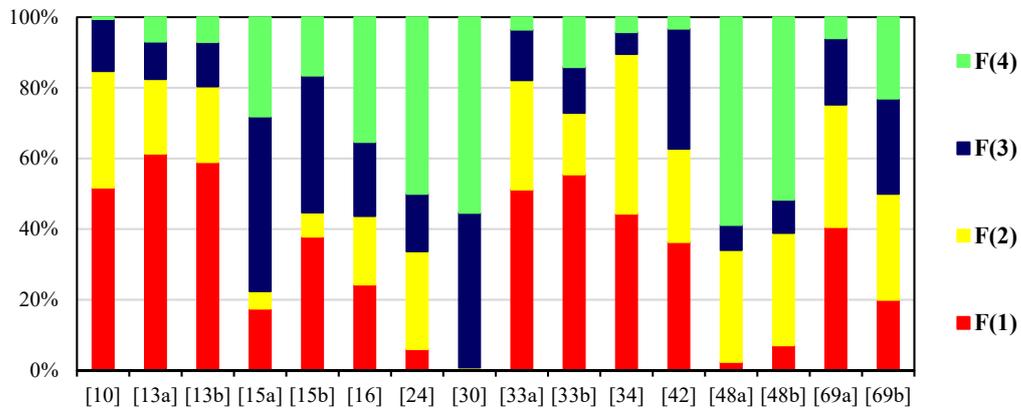


Figure S8. Operational speciation of Ni in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.

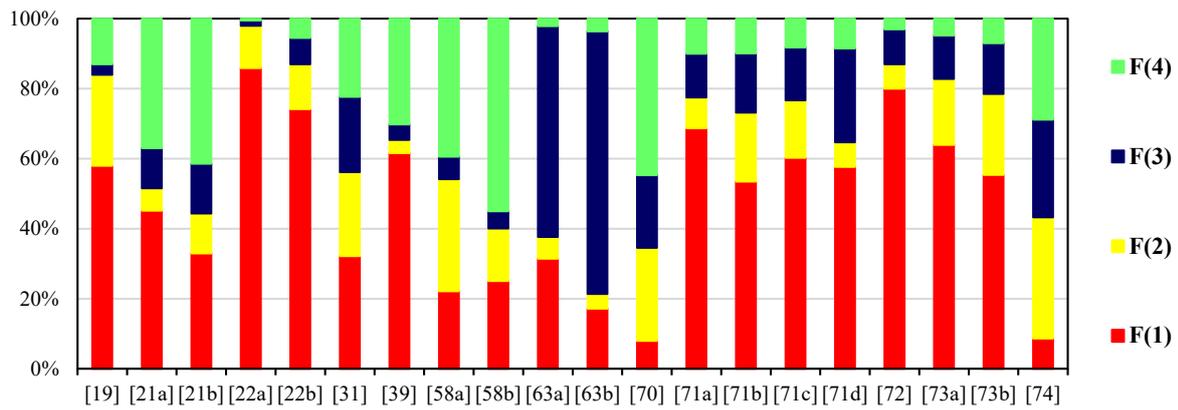


Figure S9. Operational speciation of Pb in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.

Fernandez-Espinoza procedure



BCR procedures



Chester's procedure

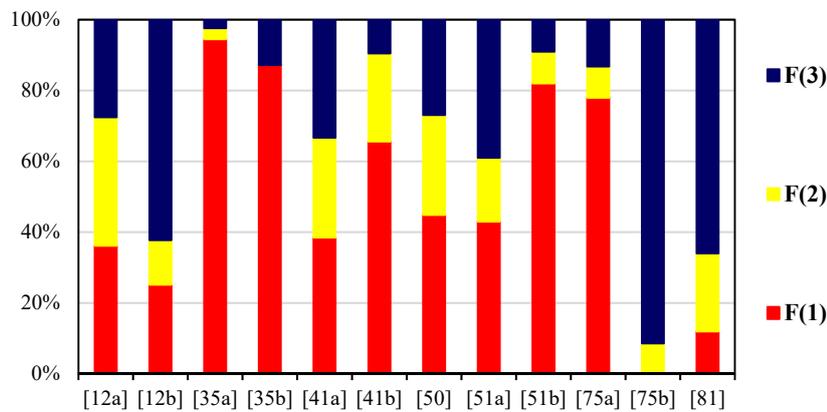


Figure S10. Operational speciation of Zn in urban atmospheric particulate matter based on literature data. The indexes *a*, *b*, *c* and *d* represent different data sets in the same article.