



## Erratum to “Reactivity of graphene-supported Co clusters”

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It came to our attention that in the above mentioned article the carbon coverage of a graphene layer on Rh(111), which was used to calibrate all other carbon coverages of the XPS data in the paper, differs from the actual carbon coverage by a factor of two. The correct total carbon coverage of a graphene layer on Rh(111) corresponds to 2.38 C-ML on Rh(111) instead of 1.19 ML as mentioned in the original paper. As a result, all coverage axis in Fig. 2 in the paper and Fig. S2, Fig. S4, Fig. S12, and Fig. S16 in the Supporting Information should be multiplied by factor 2, as well as all carbon and oxygen coverages (also calibrated by the corresponding carbon coverage) mentioned in the text. Please note that these changes in coverage do not affect any of the scientific conclusions made in the paper. The observed CO species are still on-top, bridge/hollow and edge on the as-prepared Co clusters and on-top and bridge/hollow on the annealed clusters. Dissociation of CO during annealing of the as-prepared Co clusters and adsorption site reorganization of CO molecules upon annealing is still found. Also, the reduced CO adsorption capacity and passivation of C- and O-precovered clusters remains unchanged. The IRRAS and TPD results are generally not affected by the error in the calibration of the XPS signals. XPS, IRRAS and TPD data are still in agreement with each other as reported in the

paper.

### CRediT authorship contribution statement

**Natalie J. Waleska-Wellnhofer:** Writing – original draft, Writing – review & editing. **Sophie Arzig:** Writing – review & editing. **Fabian Düll:** Writing – review & editing. **Udo Bauer:** Writing – review & editing. **Phiona Bachmann:** Writing – review & editing. **Johann Steinhauer:** Writing – review & editing. **Christian Papp:** Writing – review & editing. **Thomas Risse:** Writing – review & editing.

### Declaration of competing interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

### Data availability

Data will be made available on request.

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