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Correction: Understanding cation effects in electrochemical CO₂ reduction

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In the original version of the manuscript, the fit function presented in the caption of Fig. 7 for the hydrated ions was wrong. The correct function was \(-2.2x + 7.2\) (change highlighted in bold). Therefore the x-axis positions of the different cations in Fig. S17 which were obtained from this correlation function were also wrong. The correct Figure is as follows:

![Fig. S17](image-url)

Predicted cation effects for electrocatalytic CO₂ reduction at Ag(111) surfaces. The Figure depicts the predicted CO partial current density for A,B electrolytes having a cation : anion charge ratio of \(z : z_a\) as a function of the hydrated cation size relative to that of TBA⁺ obtained from the linear fit in Fig. 7.

In addition, Fig. 6a used the wrong cation sizes for the organic cation data points. The updated Figure is given below:

Previous studies electrodeposited a Ag monolayer on Pt or Au and found the PZC to be up to 0.25 V more positive compared to Ag(111).²

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The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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