Review of: "An Experimental Method to Calculate Average Metal Ions Charge by Electrolysis at Different Temperatures"

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Potential competing interests: No potential competing interests to declare.

1.The copper coatings on an aluminium wire will be damaged, when working at 200 ℃. Then it states that the plan is to analyze the average charge of Cu, Fe, and Al ions dissolved in the electrolyte at room temperature and 100 ℃. What's the relation between the two parts ? It dose not express the significance of the study.

2.In the manuscript, equation (2) is used to measure the average metal ion charge at only room temperature and 100 ℃. Is this equation applicable to other temperatures? It is recommended that author use equation (2) to calculate the average metal ions charge at other temperatures.

3.In the second part of the manuscript, the theoretical part is mostly, but the specific experimental operation part is lacking. It should be added to the text.

4.The conclusion that the corrosion rates of copper and aluminum are different at different temperatures should be explained in depth. What are the main reasons for this phenomenon?