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Correction to “The Effect of Solvent and Counterion Variation on Inverse Micelle CMCs in Hydrocarbon Solvents”

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In the original version of our article, “The Effect of Solvent and Counterion Variation on Inverse Micelle CMCs in Hydrocarbon Solvents” 1, the secondary y-axis on Figure 4 was not presented correctly. This y-axis should be linear in volume ($v$) rather than in radius ($r$). The values of $n_{agg}$ are correct in the original version.

A new version of Figure 4 is now presented with a corrected secondary y-axis showing the inverse micelle volume.

Figure 4: The inverse micelle CMC for AOT in different organic solvents in mmol kg$^{-1}$. Both $n_{agg}$ and the inverse micelle radius volume ($v$) are shown as $n_{agg}$ is a function solely of $v$, calculated from the radius ($r$) determined from SANS, when the surfactant molecular volumes are equal. The CMCs are essentially identical, despite the solvents being chemically different.
References