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CORRECTION

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Correction: Quantifying the ion coordination strength in polymer electrolytes

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Correction for 'Quantifying the ion coordination strength in polymer electrolytes' by Rassmus Andersson *et al.*, *Phys. Chem. Chem. Phys.*, 2022, **24**, 16343–16352, https://doi.org/10.1039/D2CP01904C.

The authors would like to make changes to Table 1 and Fig. 4c in the published manuscript. The corrections pertain to the data for the $Mg(TFSI)_2$ systems, where the wrong concentration of TFSI ions was used for the original calculations. The revised versions of Fig. 4c and the relevant part of Table 1 are shown here.

Table 1 Extracted enthalpy, entropy and derived Gibbs free energy at 25 °C for the dissociation of $Mg(TFSI)_2$ in PEO, PCL and PTMC

Salt	Polymer	ΔH^0/kJ mol^{-1}	ΔS^0/J mol^{-1} K^{-1}	ΔG^0/kJ mol^{-1}
$Mg(TFSI)_2$	PEO	−8.8	13.3	−12.7
	PCL	−12.6	−6.5	−10.7
	PTMC	−9.4	1.4	−9.8

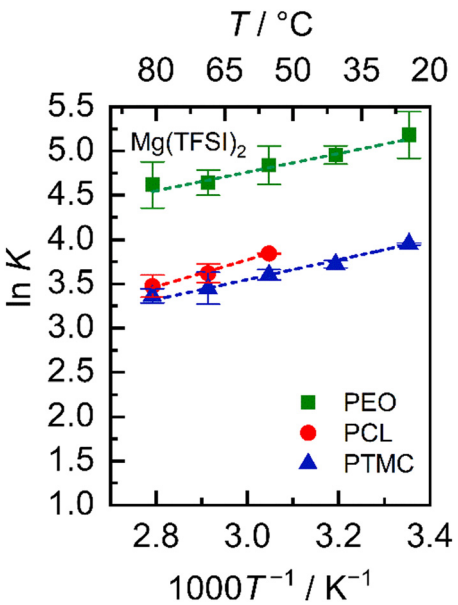

Fig. 4 (c) Van't Hoff plots of the equilibrium constant K as a function of the inverse temperature for the dissociation equilibrium of $Mg(TFSI)_2$ in PCL, PTMC and PEO. Dashed lines represent the linear fit to the data.

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

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