Theoretical insights into the dissolution of LiFSI in weakly and strongly solvating solvents

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Supporting information

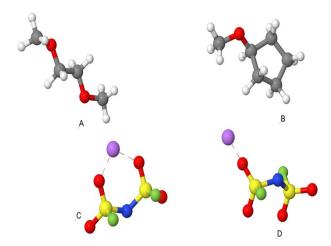


Figure S1: Geometrical structures of the solvents investigated in this DME (A), CPME (B) and the FSI anion and its interaction mode with Li+ (C and D)

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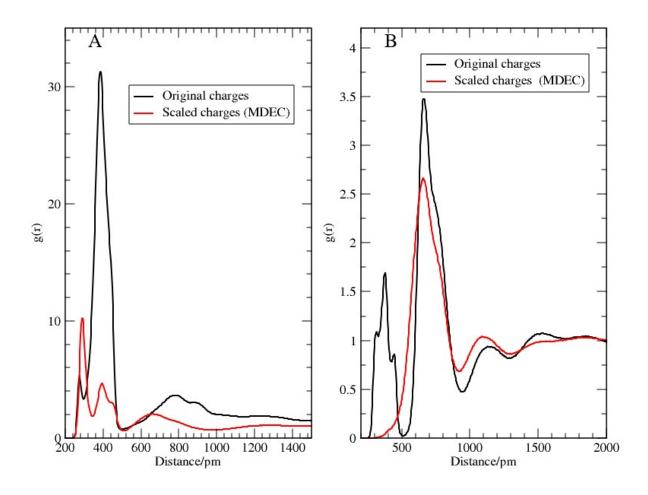


Figure S2: Comparison of the radial distribution functions for FSI-(Center of Mass)/Li+ for LiFSI solution in CPME (A) and DME (B) using original unscaled charges and scaled charges using the MDEC Method

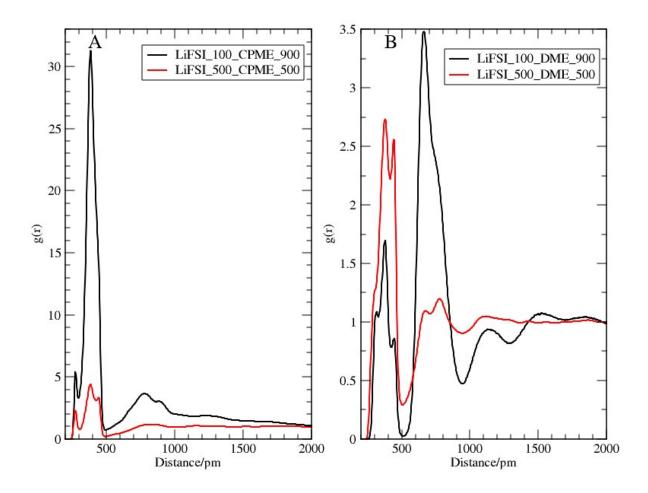


Figure S3: Comparison of the radial distribution functions for FSI-(Center of Mass)/Li+ for LiFSI solution in CPME (A) and DME (B) using unscaled charges at different concentrations of LiFSI

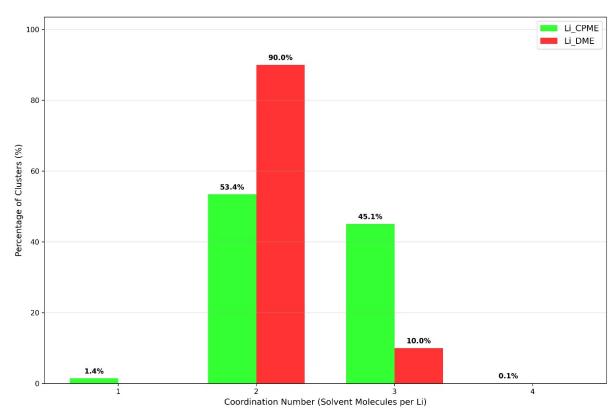


Figure S4: Li^+ -(SOLVENT)n (n=1-4) distribution in 1 M LiFSI solutions in CPME (green) and DME solvent.