

Description of Additional supplementary file

Supplementary Data 1:

Molecular simulation data the infinite dilution coefficients in the three Lennard-Jones mixtures and the real mixtures acetone + isobutane, benzene + isobutane, and ethanol + chlorine.

Supplementary Software:

The provided code includes an implementation of the new entropy scaling framework in the Julia programming language. Additionally, implementations of both EOS used in this work, namely the PC-SAFT EOS and the Kolafa-Nezbeda EOS, are provided to enable the application of the entropy scaling framework. Two examples demonstrate the usage. The requirements for executing the code, a short documentation, and instructions to run the example are given below.