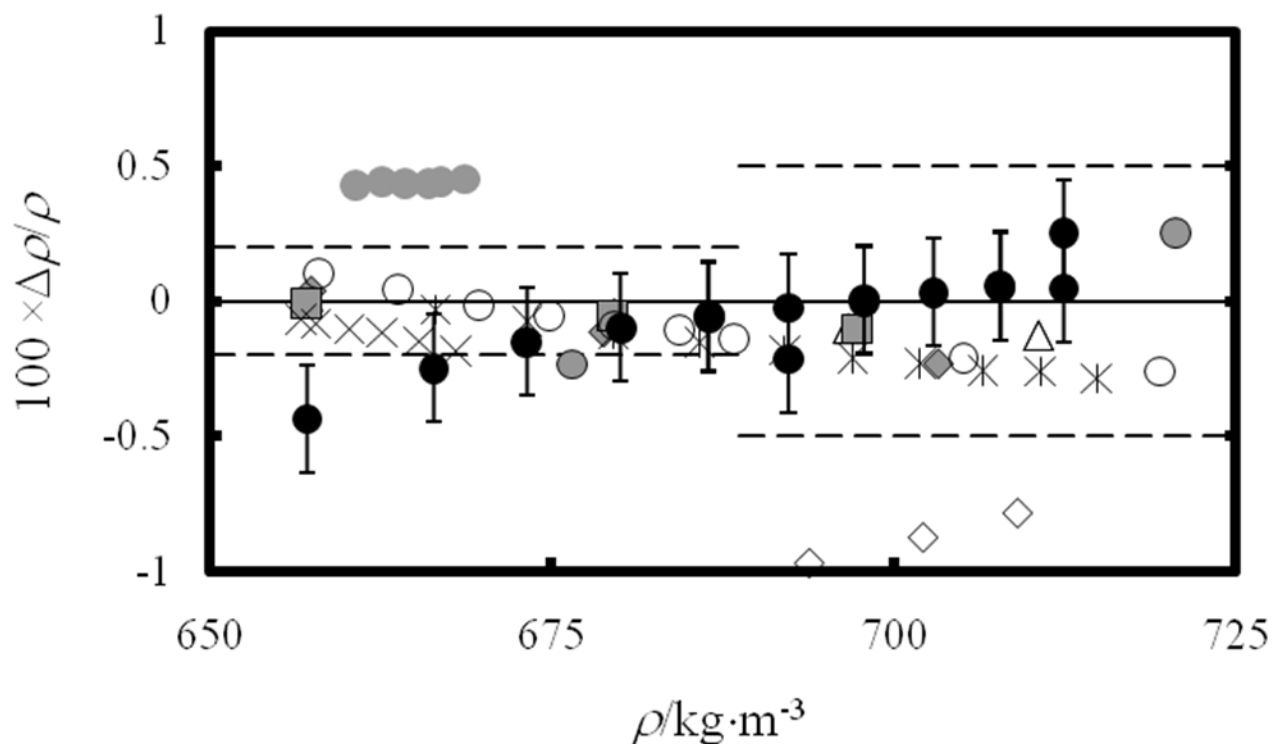# Example d:

Figure 14. Fractional deviations $\Delta\rho = \rho(\text{expt}) - \rho(\text{calc})$ of the experimental densities $\rho(\text{expt})$ of octane at $T = 348.15$ K from values $\rho(\text{calc})$ estimated from the correlation of Span and Wagner[117] as a function of density ρ. ●, This work, with error bars representing the expanded uncertainty, determined with the calibration coefficients obtained at $T = 323.15$ K when immersed in methylbenzene; △, ref 149; ◆, ref 150; ✳, ref 152; ●, ref 153; ■, ref 155; ◇, ref 157; ○, ref 133; ◉, ref 158; ✕, ref 159; and ----, uncertainty of the correlation of ref 117.