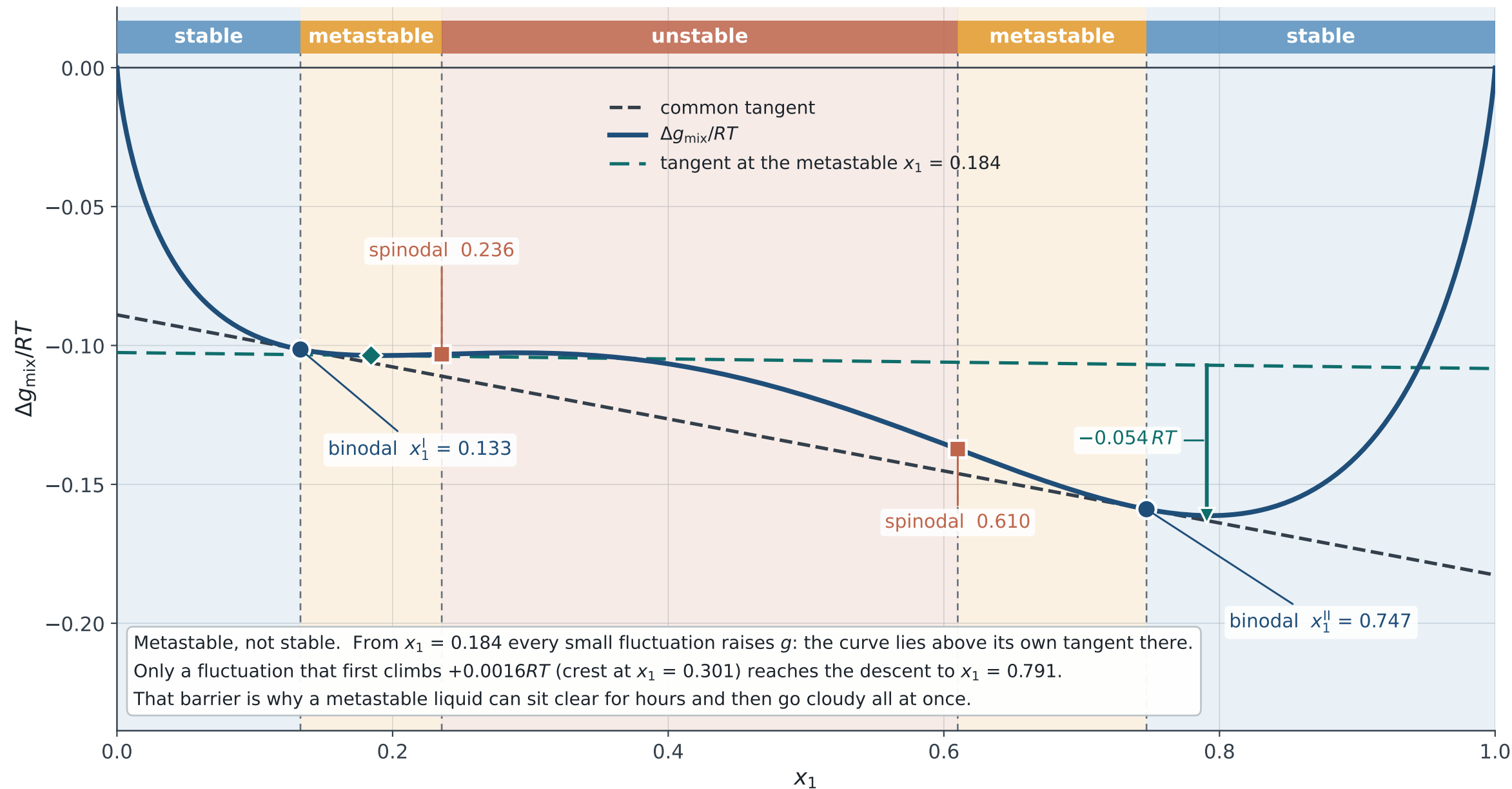


Where the two liquid phases come from: a curve, one tangent line, and one change of curvature



ILLUSTRATIVE PARAMETERS: three-suffix Margules with $A_{12} = 2.6$, $A_{21} = 2$, chosen to place a partially miscible binary on one screen. They are not fitted to any measured mixture.

Every number printed above is computed from that one G^E : the binodal by `vlekit.flash.miscibility_gap`, the spinodal by `vlekit.flash.spinodal`, the barrier and the descent by differencing the curve against its own tangent.