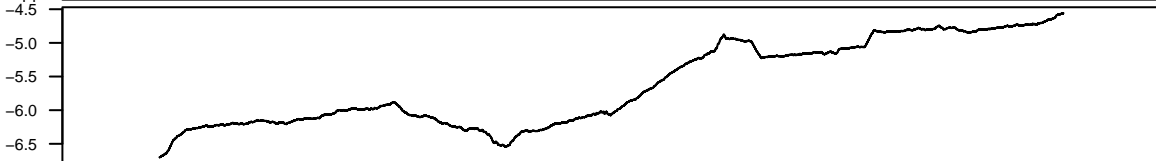Decomposition of log−transformed additive time series