Loess-paleosol Lake Peat Marine

① Discrete absolute dating
- *reported 1σ*
- *if not reported, 3.4% (¹⁴C), 9.1% (OSL), 13.1% (TL) relative 1σ*

⚠ Surface age = 0 ka BP: uncertainty due to bottom age analytics and difficulty in defining surface level

② Indirect dating based on discrete absolute ages
- *topmost (bottommost) of target under(over)lying stratigraphic unit: 10% relative 1σ*
- *general mean (bulk) age of under(over)lying unit: 20% relative 1σ*
- *assumed equal to regional dated markers: 30% relative 1σ*

③ Continuous age model (e.g., poly-nomial, bayesian)
- *reported 1σ uncertainty envelope*
- *if not reported, uncertainty is the quadrature of the uncertainties of bracketing dated levels*

④ Correlation (MS, δ¹⁸O)
- *not supported by absolute dating: ±6 kyr absolute 1σ*
- *supported by absolute dating: ±3 kyr absolute 1σ*

⑤ Correlation (pedostratigraphy, applies only to loess)
- *correlation to regionally defined loess-paleosol chronology: ±9 kyr absolute 1σ*

Polar ice

Correlation (AICC2012, GICC05)
- *polar ice cores are correlated to the AICC2012 and GICC05 chronologies for Antarctic and Greenland cores, respectively: uncertainty as reported in these reference chronologies*