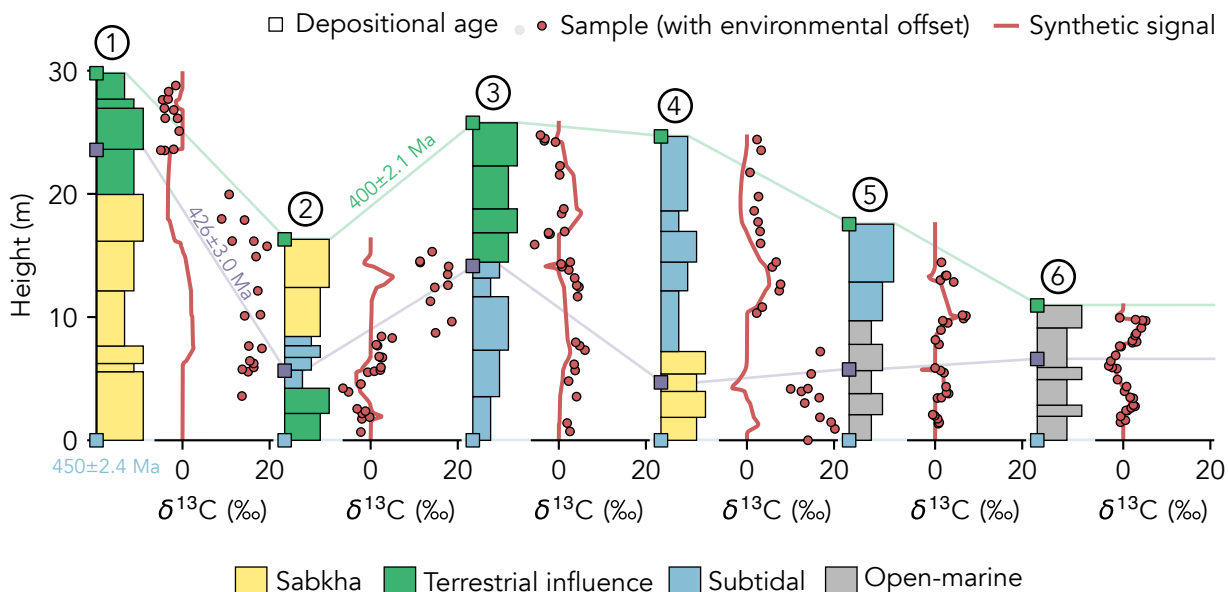


(a) **INPUTS:** OBSERVATIONS AND AGE CONSTRAINTS

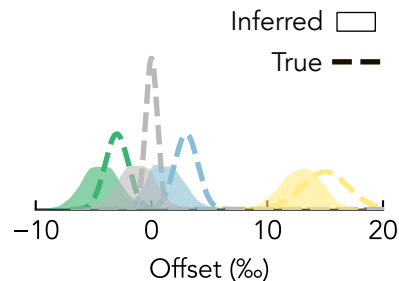
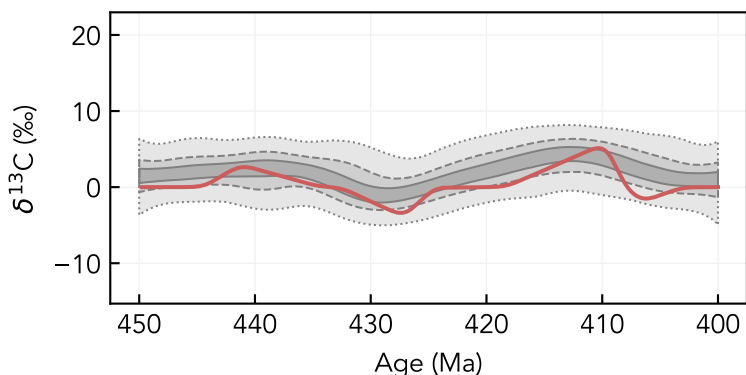


EXPERIMENT #1: MODEL WITH ENVIRONMENT-DEPENDENT OFFSETS

OUTPUTS:

(b) INFERRED δ¹³C SIGNAL

(c) INFERRED OFFSETS

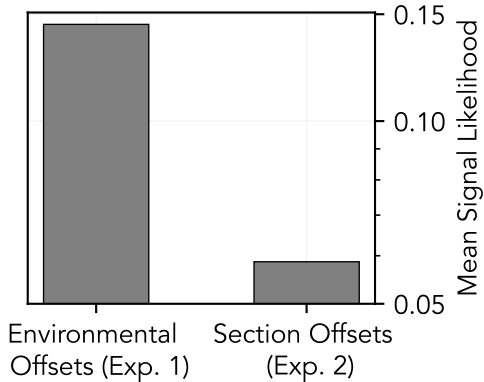
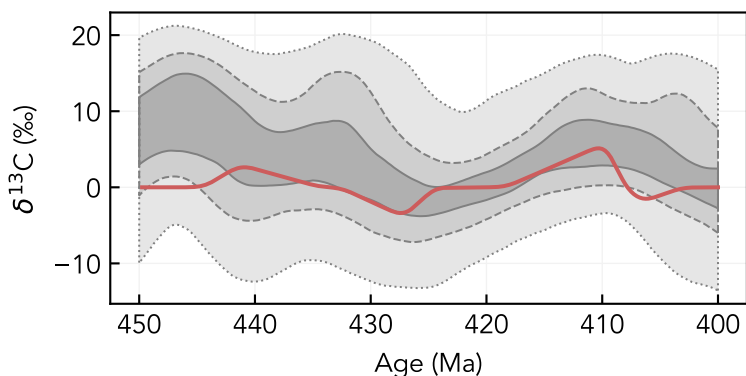


EXPERIMENT #2: MODEL WITH PER-SECTION OFFSETS

OUTPUTS:

(d) INFERRED δ¹³C SIGNAL

(e) QUANTIFYING MODEL PERFORMANCE



..... 95% envelope --- 66% envelope — 33% envelope — Synthetic signal