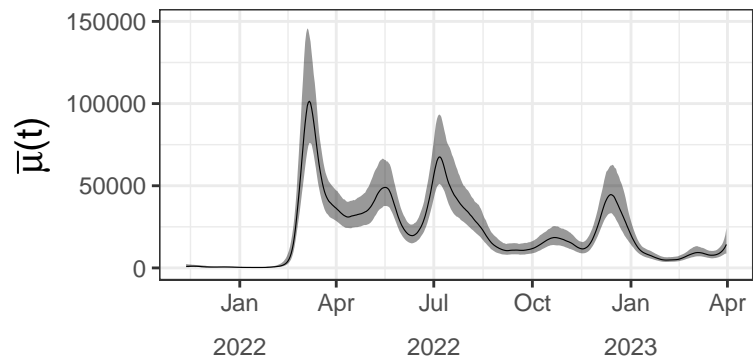
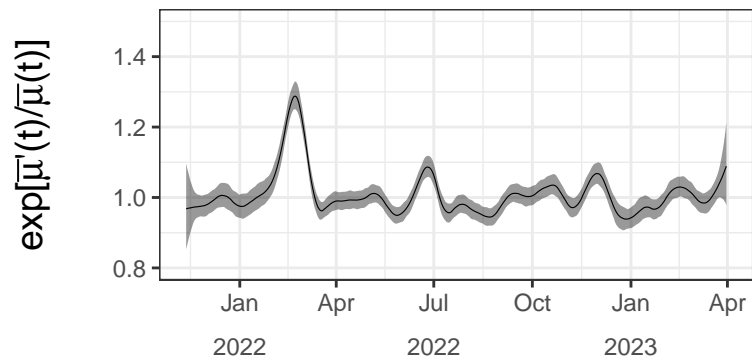


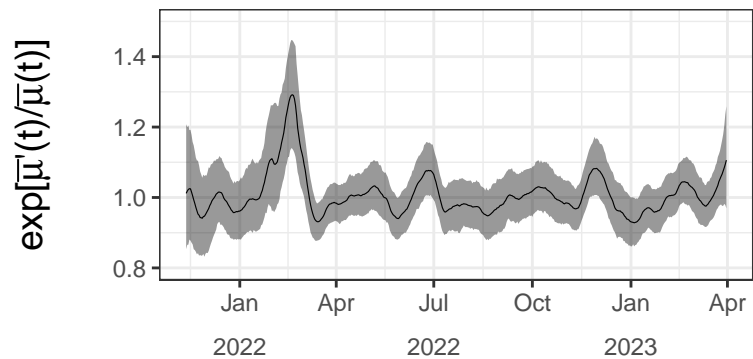
a) Signal,  $U_i(t)$  omitted



b) Signal,  $U_i(t)$  included



c) Geometric derivative of signal,  $U_i(t)$  omitted



d) Geometric derivative of signal,  $U_i(t)$  included