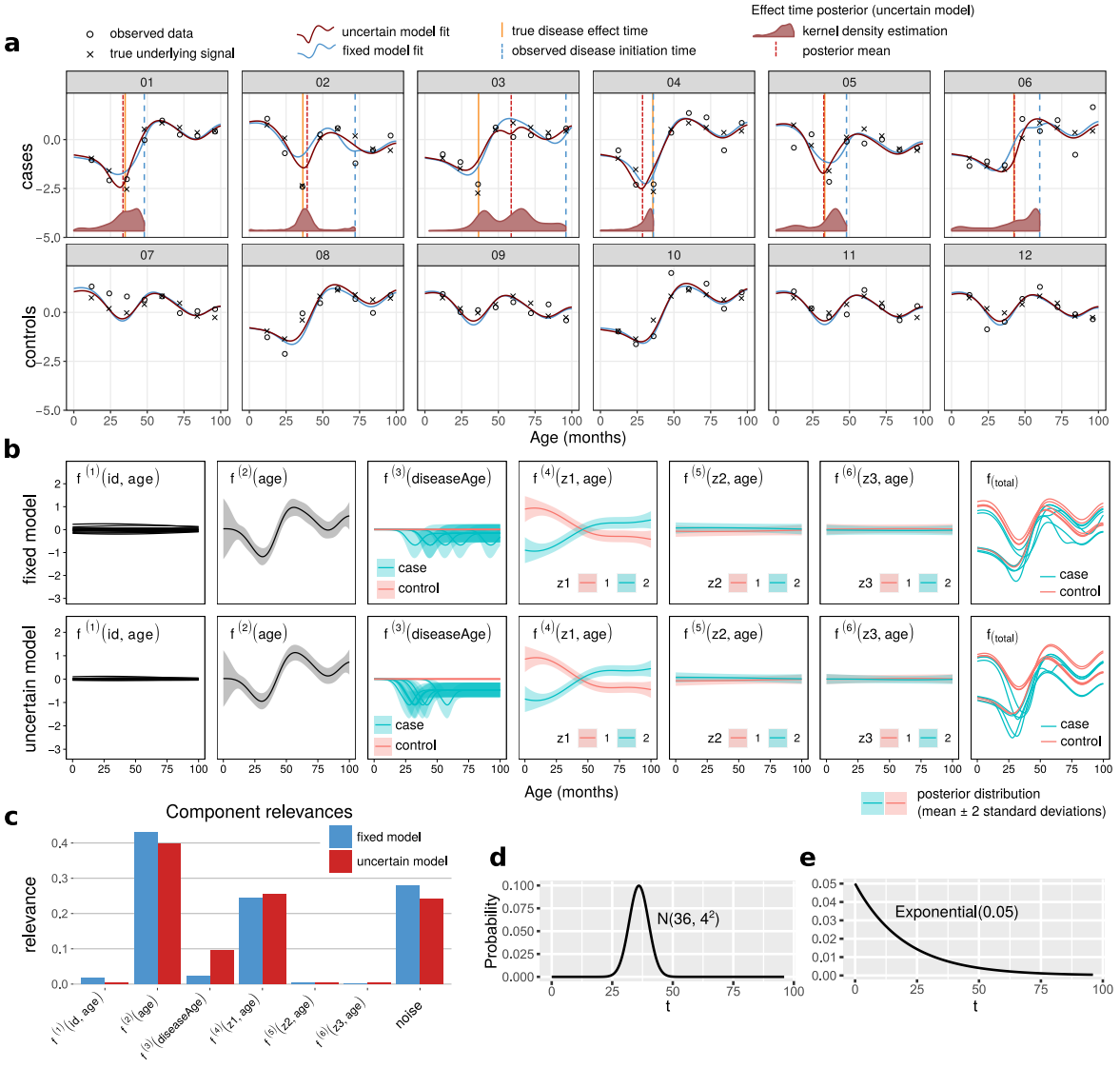
a
observed data
true underlying signal
uncertain model fit
fixed model fit
true disease effect time
observed disease initiation time
Effect time posterior (uncertain model)
kernel density estimation
posterior mean
cases
controls
Age (months)
b
fixed model
uncertain model
f(1)(id, age)
f(2)(age)
f(3)(diseaseAge)
f(4)(z1, age)
f(5)(z2, age)
f(6)(z3, age)
f(total)
case
control
z1
z2
z3
Age (months)
posterior distribution
(mean ± 2 standard deviations)
c
Component relevances
fixed model
uncertain model
relevance
noise
d
Probability
N(36, 4²)
t
e
Exponential(0.05)
t