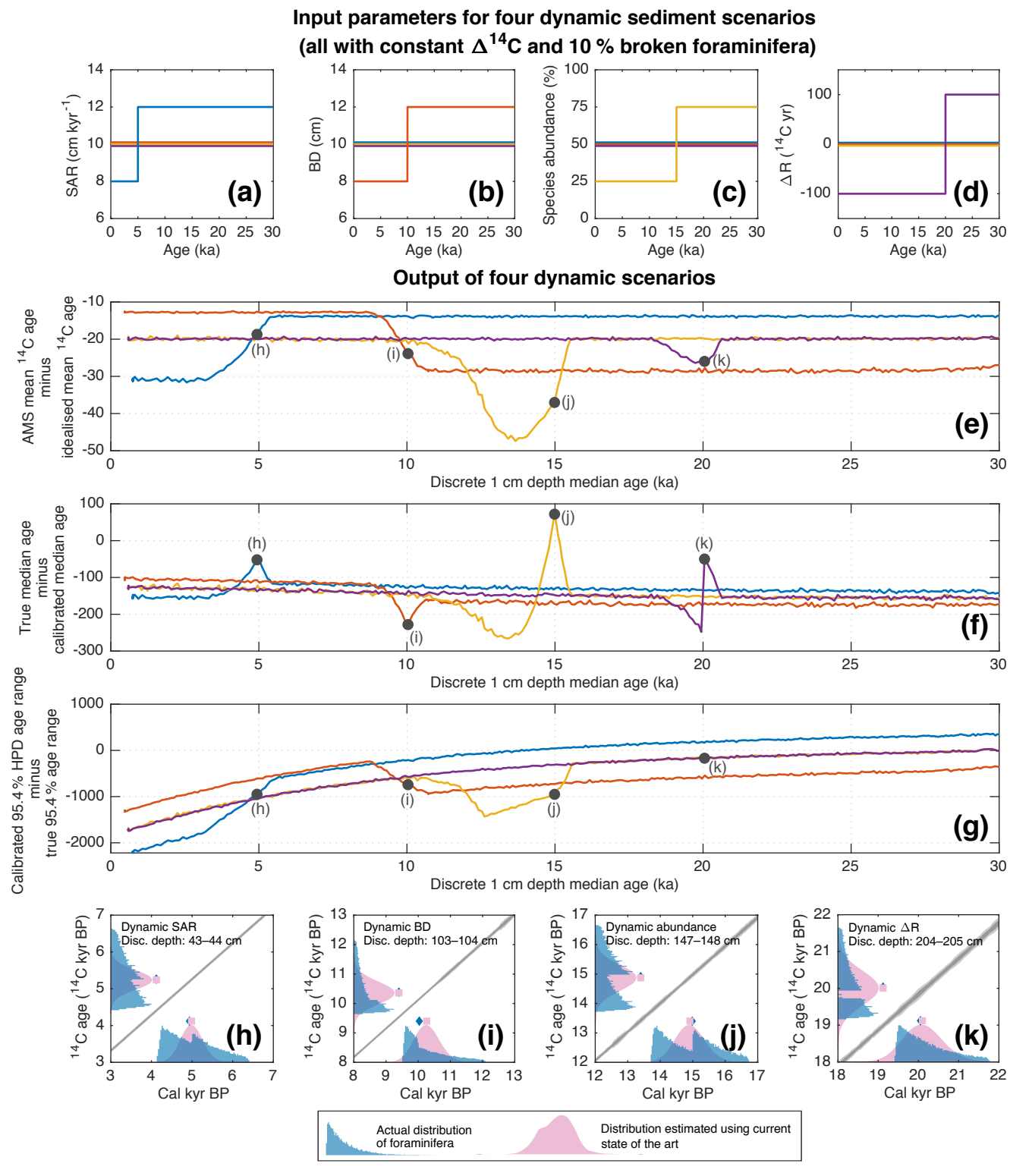
Input parameters for four dynamic sediment scenarios
(all with constant Δ14C and 10 % broken foraminifera)
SAR (cm kyr-1)
(a)
BD (cm)
(b)
Species abundance (%)
(c)
ΔR (14C yr)
(d)
Age (ka)
Output of four dynamic scenarios
AMS mean 14C age minus idealised mean 14C age
(e)
True median age minus calibrated median age
(f)
Calibrated 95.4 % HPD age range minus true 95.4 % age range
(g)
Discrete 1 cm depth median age (ka)
(h)
(i)
(j)
(k)
Dynamic SAR
Disc. depth: 43–44 cm
Dynamic BD
Disc. depth: 103–104 cm
Dynamic abundance
Disc. depth: 147–148 cm
Dynamic ΔR
Disc. depth: 204–205 cm
14C age (14C kyr BP)
Cal kyr BP
Actual distribution of foraminifera
Distribution estimated using current state of the art