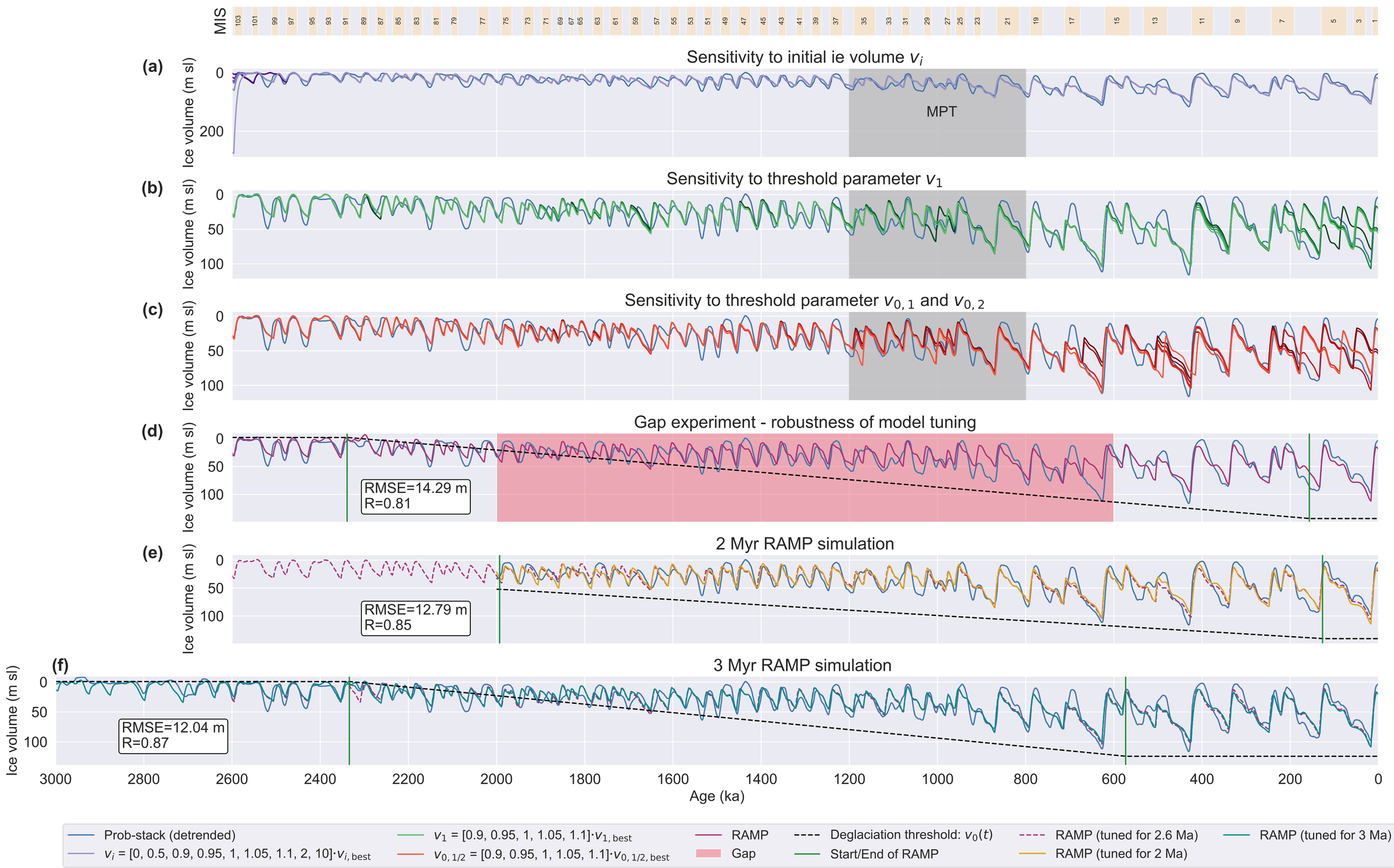
MIS
(a)
Sensitivity to initial ie volume v_i
MPT
(b)
Sensitivity to threshold parameter v_1
(c)
Sensitivity to threshold parameter $v_{0,1}$ and $v_{0,2}$
(d)
Gap experiment - robustness of model tuning
RMSE=14.29 m
R=0.81
(e)
2 Myr RAMP simulation
RMSE=12.79 m
R=0.85
(f)
3 Myr RAMP simulation
RMSE=12.04 m
R=0.87
Ice volume (m sl)
Age (ka)
Prob-stack (detrended)
v_i = [0, 0.5, 0.9, 0.95, 1, 1.05, 1.1, 2, 10]·$v_{i,\,best}$
v_1 = [0.9, 0.95, 1, 1.05, 1.1]·$v_{1,\,best}$
$v_{0,\,1/2}$ = [0.9, 0.95, 1, 1.05, 1.1]·$v_{0,\,1/2,\,best}$
RAMP
Gap
Deglaciation threshold: $v_0(t)$
Start/End of RAMP
RAMP (tuned for 2.6 Ma)
RAMP (tuned for 2 Ma)
RAMP (tuned for 3 Ma)