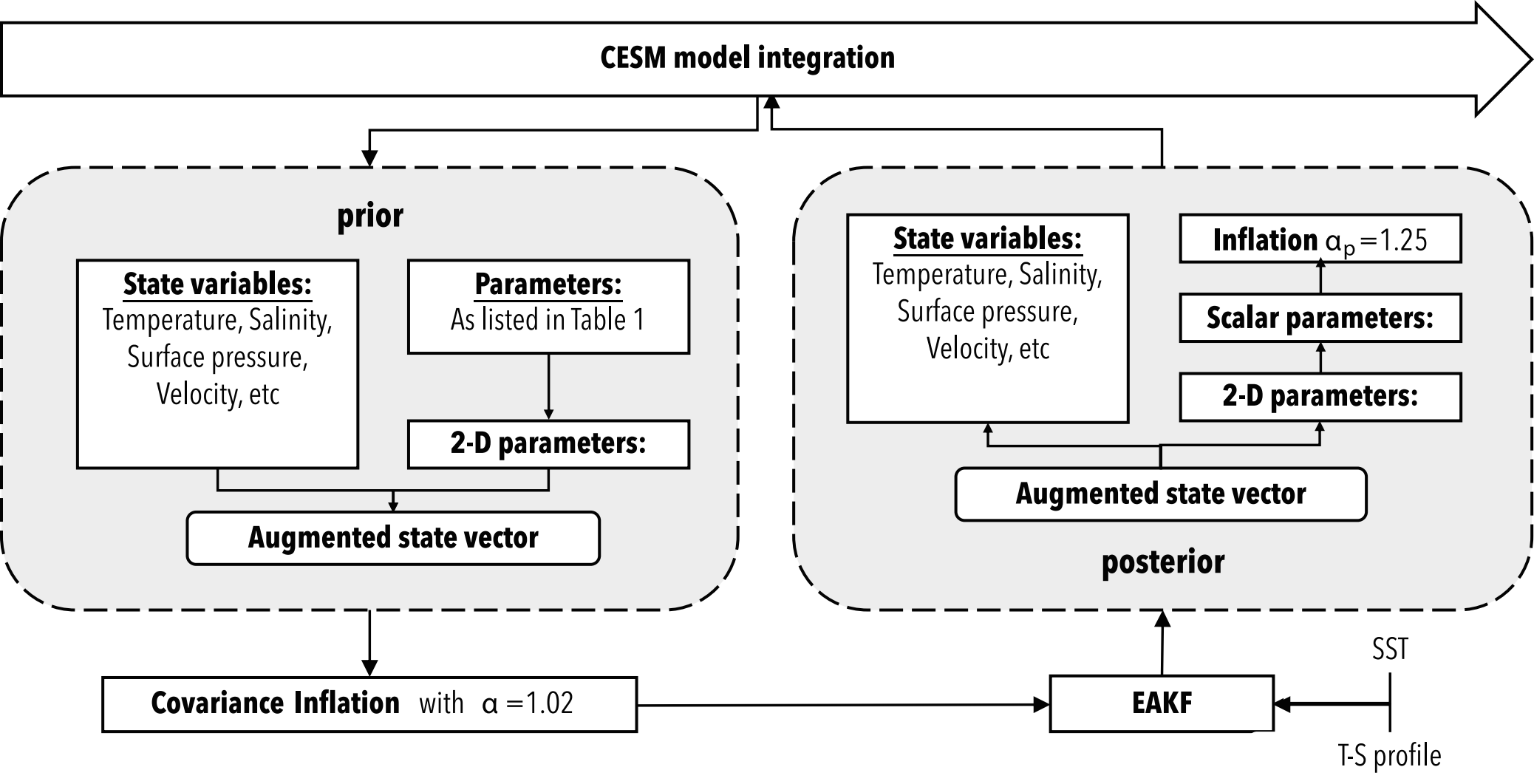
CESM model integration
prior
State variables:
Temperature, Salinity,
Surface pressure,
Velocity, etc
Parameters:
As listed in Table 1
2-D parameters:
Augmented state vector
State variables:
Temperature, Salinity,
Surface pressure,
Velocity, etc
Inflation $\alpha_p = 1.25$
Scalar parameters:
2-D parameters:
Augmented state vector
posterior
Covariance Inflation with $\alpha = 1.02$
EAKF
SST
T-S profile