

**(a)**Time-invariant  
parameters“Compensation”  
among parametersDimension disaster  
of parametersAbrupt shifts of  
parametersRecommended  
scheme**(b)**

Calibration period

Validation period

*Scheme 1*

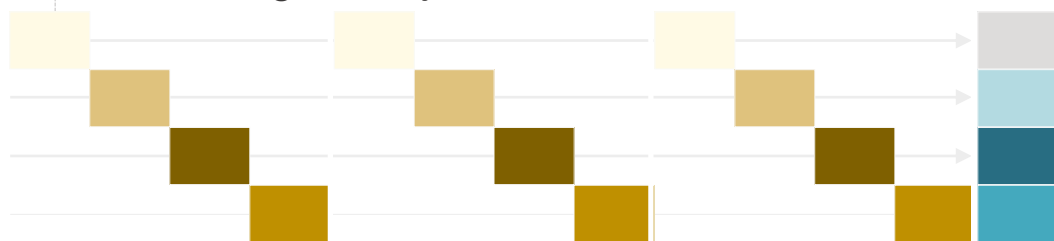
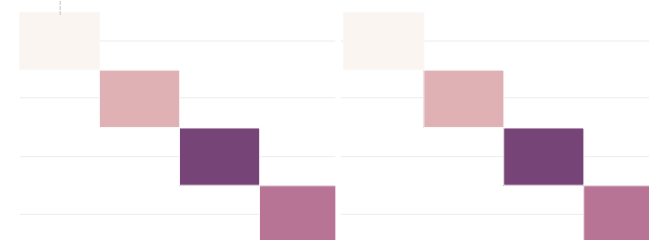
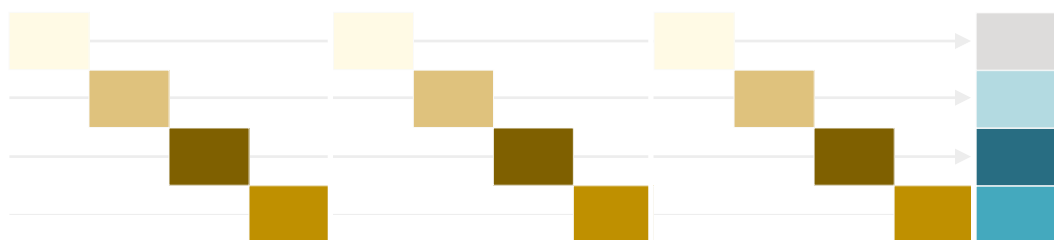
- Specified parameter

*Scheme 2*

- Parameter set

*Scheme 3*

- Data from individual sub-periods for minimizing the objective function

*Scheme 4**Scheme 5*

- Dry period

- Rainfall period I

- Rainfall period II

- Rainfall period III

- Data for simulated flow