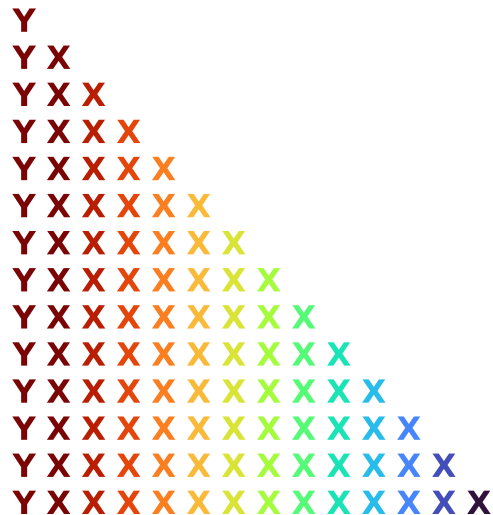
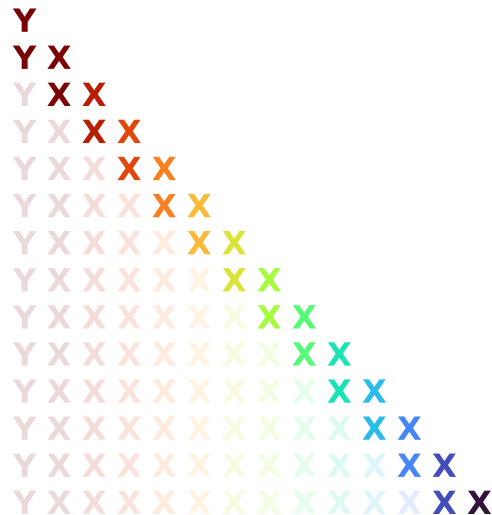
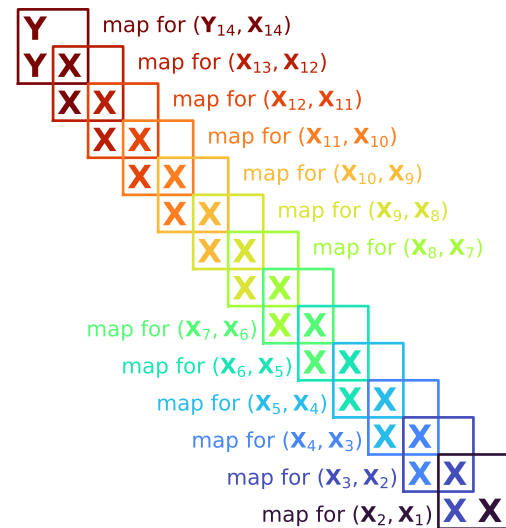
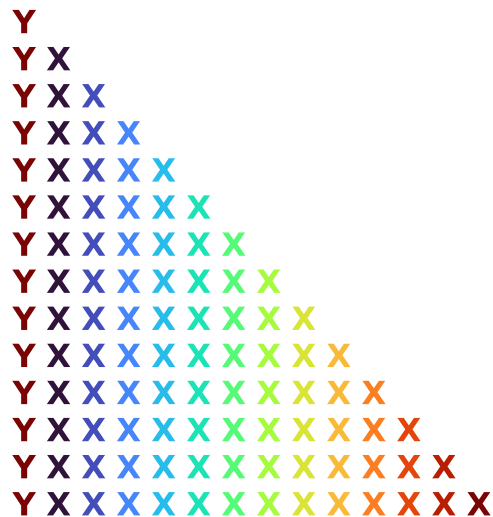
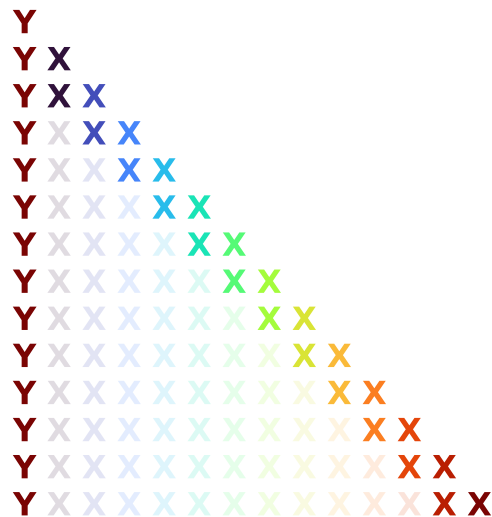
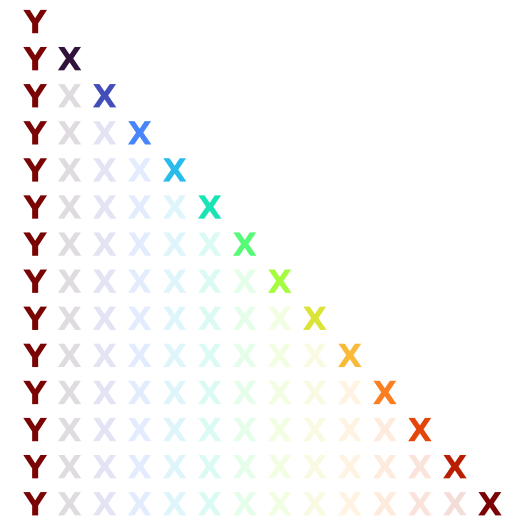


**A:** dense EnTS (backward-in-time)**B:** sparse EnTS (backward-in-time)**C:** separated EnTS (backward-in-time)**D:** dense EnTS (forward-in-time)**E:** sparse EnTS (forward-in-time)**F:** decoupled updates (special sparsity) $Y$  coefficient block for  $Y_s$  $X$  coefficient block for  $X_s$