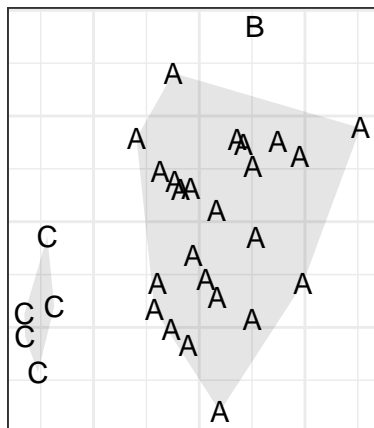
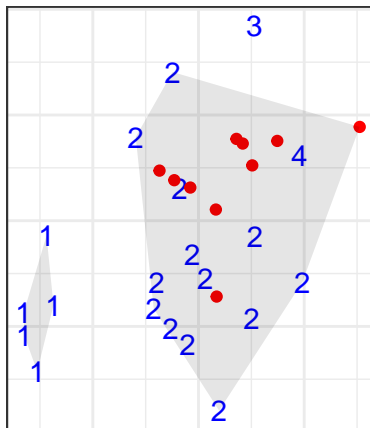


$S_t$  before updating



Step 3: (a)

$S_t$



Step 3: (b)

$S_t$

