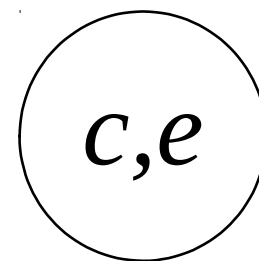
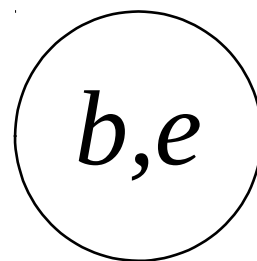
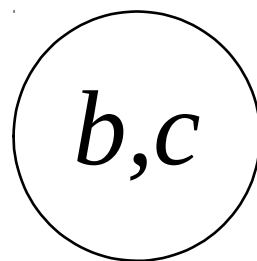
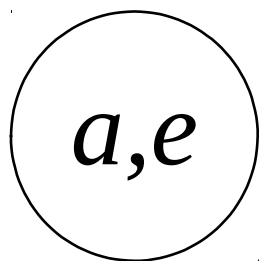
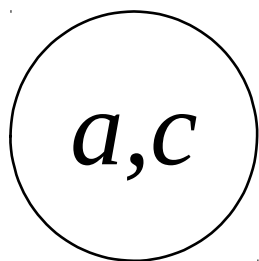
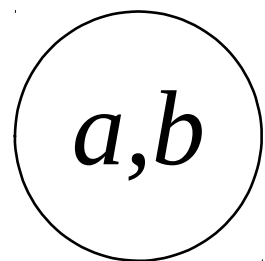


(a)  $A1$ : List of attributes in 0-edge heavyweight patterns



$S_n = 2/46$

$S_n = 3/46$

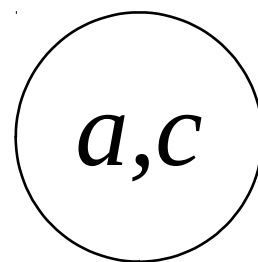
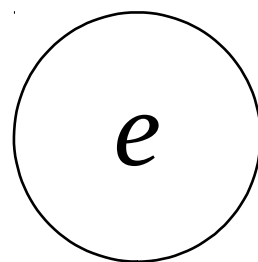
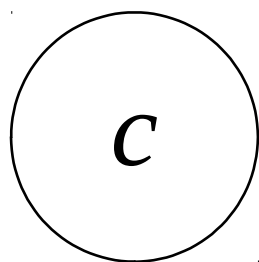
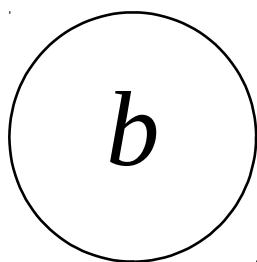
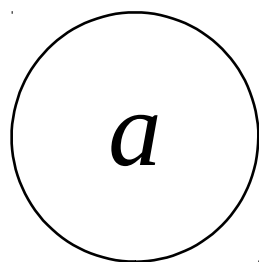
$S_n = 1/46$

$S_n = 2/46$

$S_n = 0$

$S_n = 0$

(b) 0-edge candidate patterns



(c) 0-edge heavyweight patterns