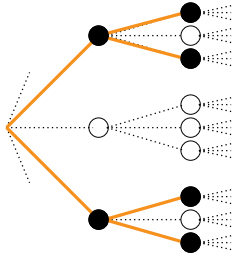
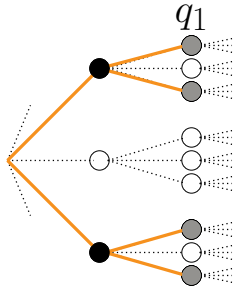
a Exhaustive allocation



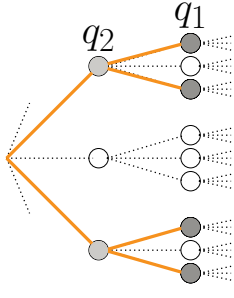
$b = 2$
$d = 2$

b Homogeneous allocation



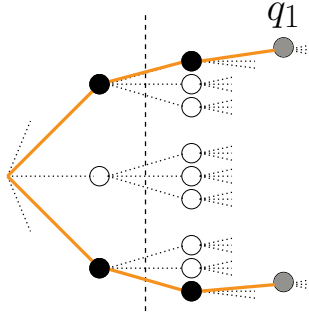
$b = 2$
$d = 2$

c Heterogeneous allocation



$b = 2$
$d = 2$

d Two-b homogeneous allocation



$b_1 = 2$ $b_2 = 1$
$d_1 = 1$ $d_2 = 2$