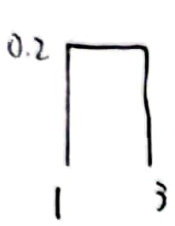
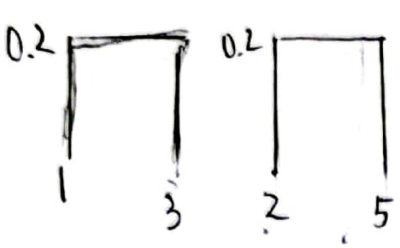
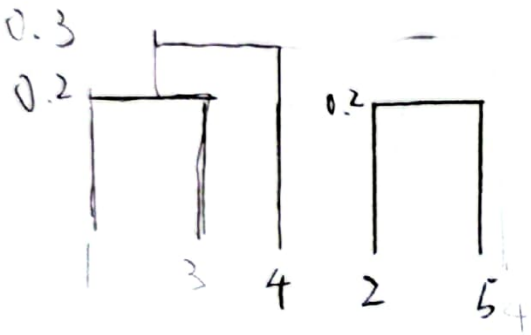
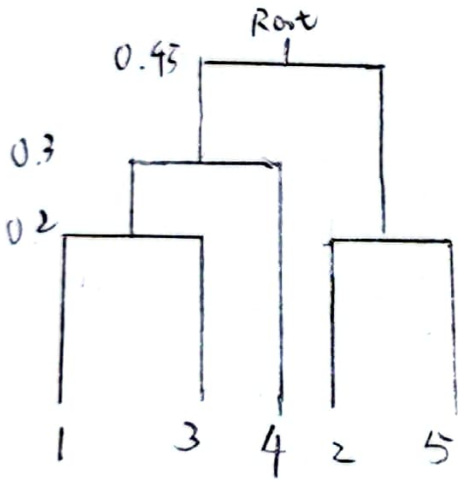
1.
D2

① 

② 

③ 

④ 

2.

ID1

①

R

$r_1 = 0.85$

$r_2 = 0.75$

$r_3 = 0.95$

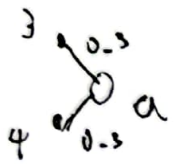
$r_4 = 0.95$

$D_{12} = -1.3$ $D_{13} = -1.1$ $D_{14} = -1.1$

$D_{23} = -1.1$ $D_{24} = -1.1$

$D_{34} = -1.3$

②



$d_{12} = 0.3$ $d_{1a} = 0.4$

$d_{2a} = 0.3$

$r_1 = 0.7$

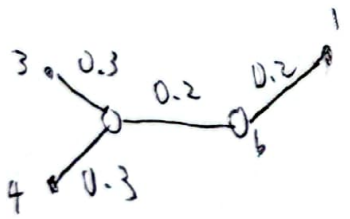
$r_2 = 0.6$

$r_a = 0.7$

$D_{12} = -1$ $D_{1a} = -1$

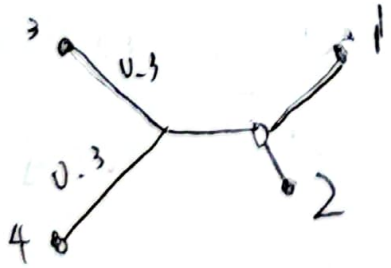
$D_{2a} = -1$

③



$d_{25} = 0.1$

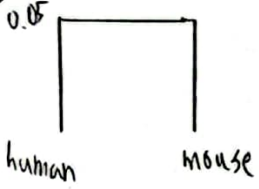
④



3

ATPA table

①



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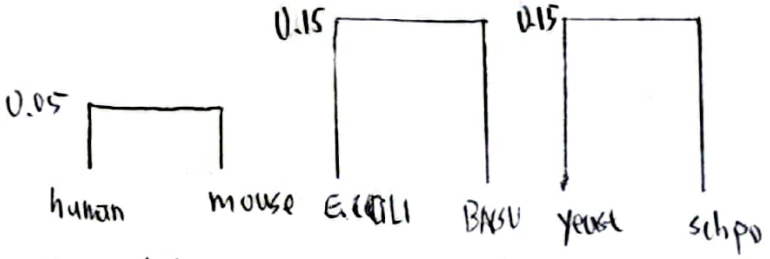

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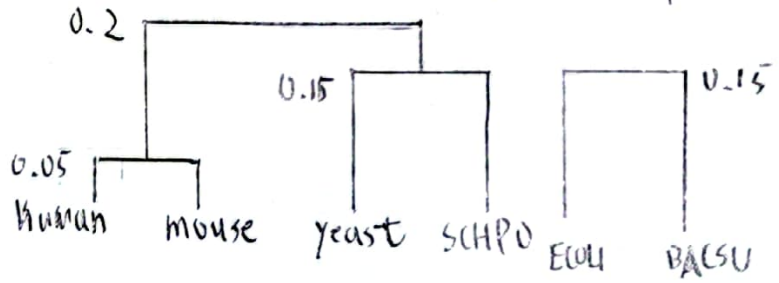
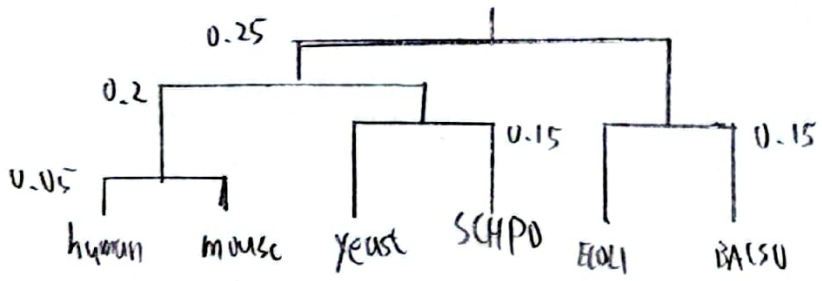
④