

Define $[bS_i = R_{i,1} \sim B_1 \sim aS_1 \sim B_1 \sim P_{i,1},$

$\overline{bS}_i = R_{i,1} \sim B_1 \sim \overline{aS}_1 \sim B_1 \sim P_{i,1},$

$a\Delta_{i \rightarrow j,k} = (R_{1,j} R_{2,k}) // bm_{1,2 \rightarrow 3} // P_{3,i},$

$b\Delta_{i \rightarrow j,k} = (R_{j,1} R_{k,2}) // am_{1,2 \rightarrow 3} // P_{i,3}]$