I: $x_I = 0.391 + 0.67 = 1.061$
$m_I = (0.2\times0.391 - 0.3\times0.67)/(0.2+0.3)$
$= -0.246$
$v_{IK} = 0.1 + 0.12 = 0.22$
$\ln L_I = -1.698$

J: $x_J = -0.9 + 0.95 = 0.05$
$m_J = (-0.4\times0.95 - 0.5\times0.9)/(0.4+0.5)$
$= -0.922$
$v_{JK} = 0.1 + 0.222 = 0.322$
$\ln L_J = -0.868$

K: $x_K = -0.246 + 0.922 = 0.676$
$m_K = (-0.322\times0.246 - 0.22\times0.922)/(0.322+0.22)$
$= -0.520$
$v_{KA} = 0.25 + 0.131 = 0.381$
$\ln L_K = -1.035 - 5.173 = -6.208$

$\ln L = -1.698 - 0.868 - 6.208 = -8.77$
(no missing state)

K': $m_E = -0.67$
$m_C = -0.9$
$m_A = 1.379$
$v_{EK} = 0.2 + 0.1 = 0.3$
$v_{CK} = 0.4 + 0.1 = 0.5$
$v_{AK} = 0.25$
$\ln L' = -6.56$
(B and D are missing)