A
$$a_{ijk} = \frac{Pr(M_I = 2\&M_J = 1\&M_K = 1|I = i, J = j, K = k)}{Pr(M_I = 1\&M_J = 1\&M_K = 1|I = i, J = j)}$$

$$= \frac{\mu_{ijk} 211}{\mu_{ijk} 111}$$

A