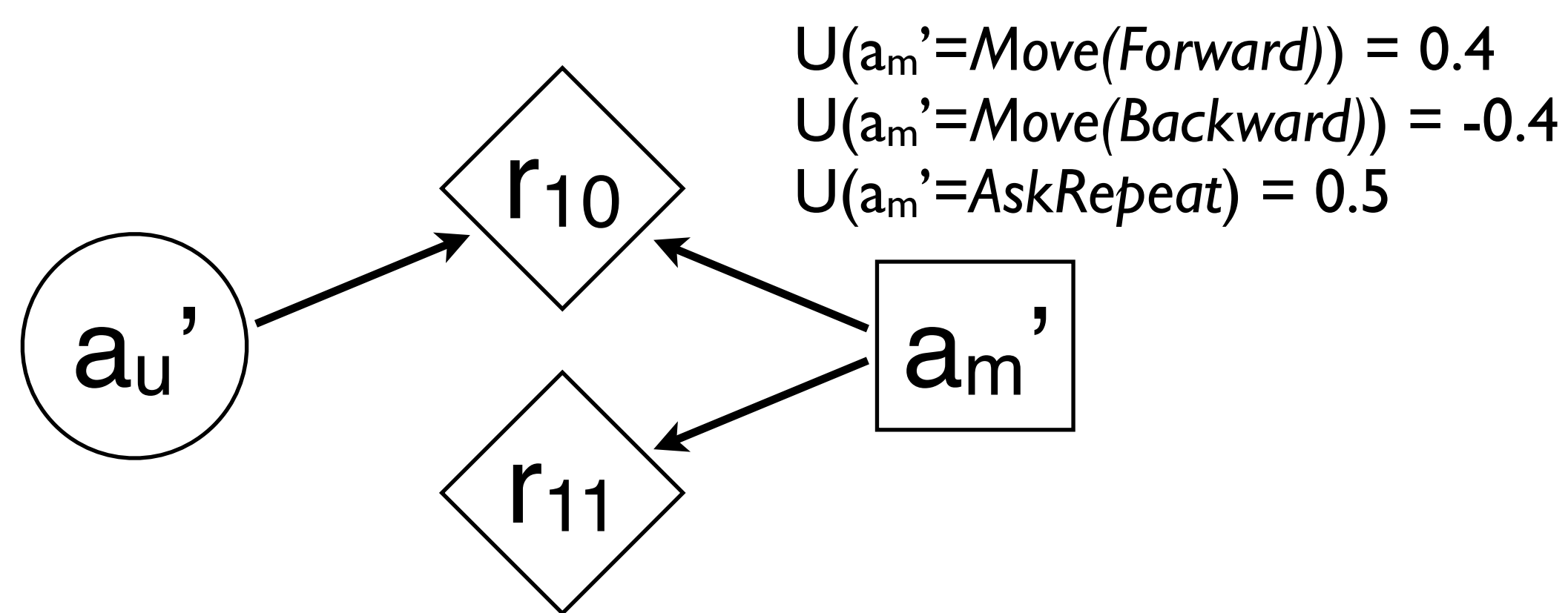
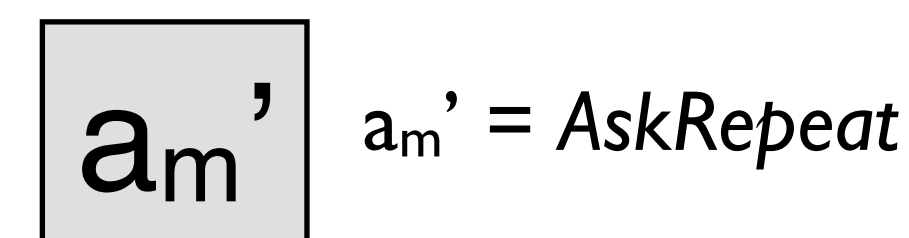
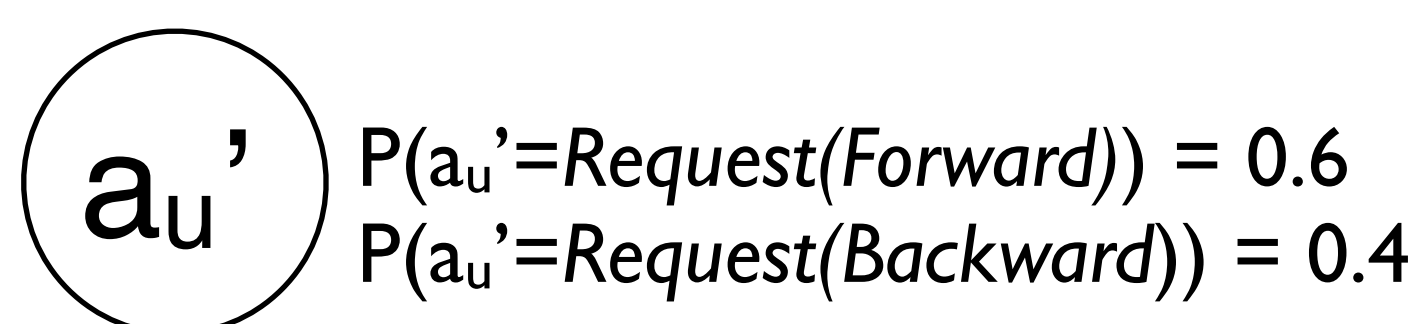


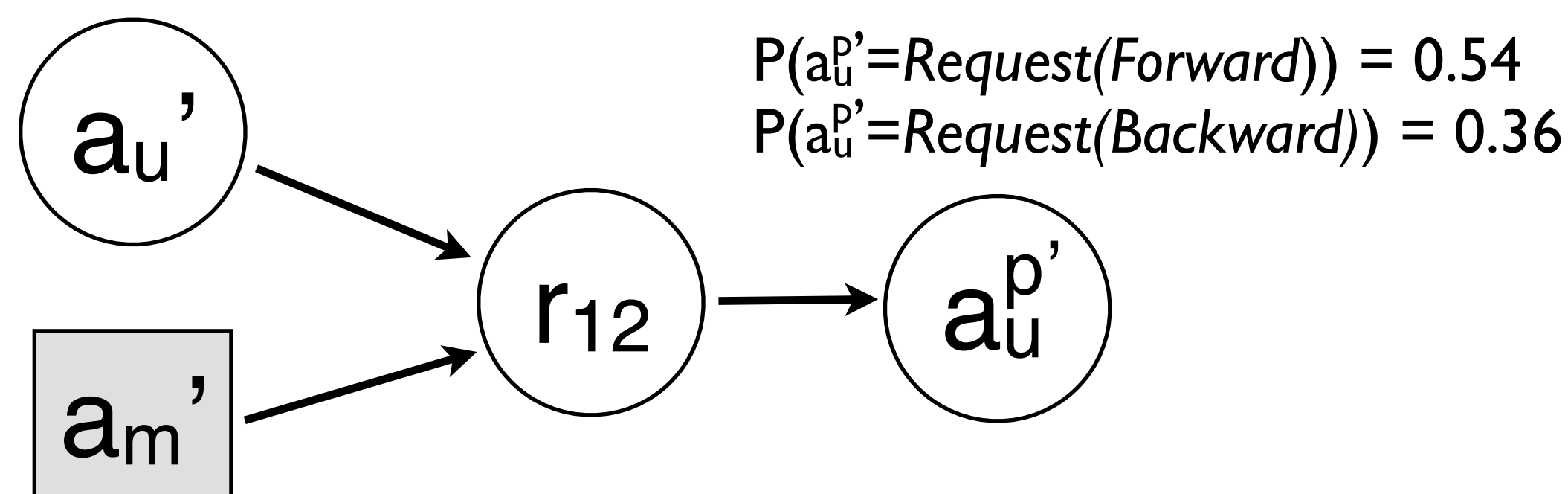
Step 1: insertion of new variable a_u



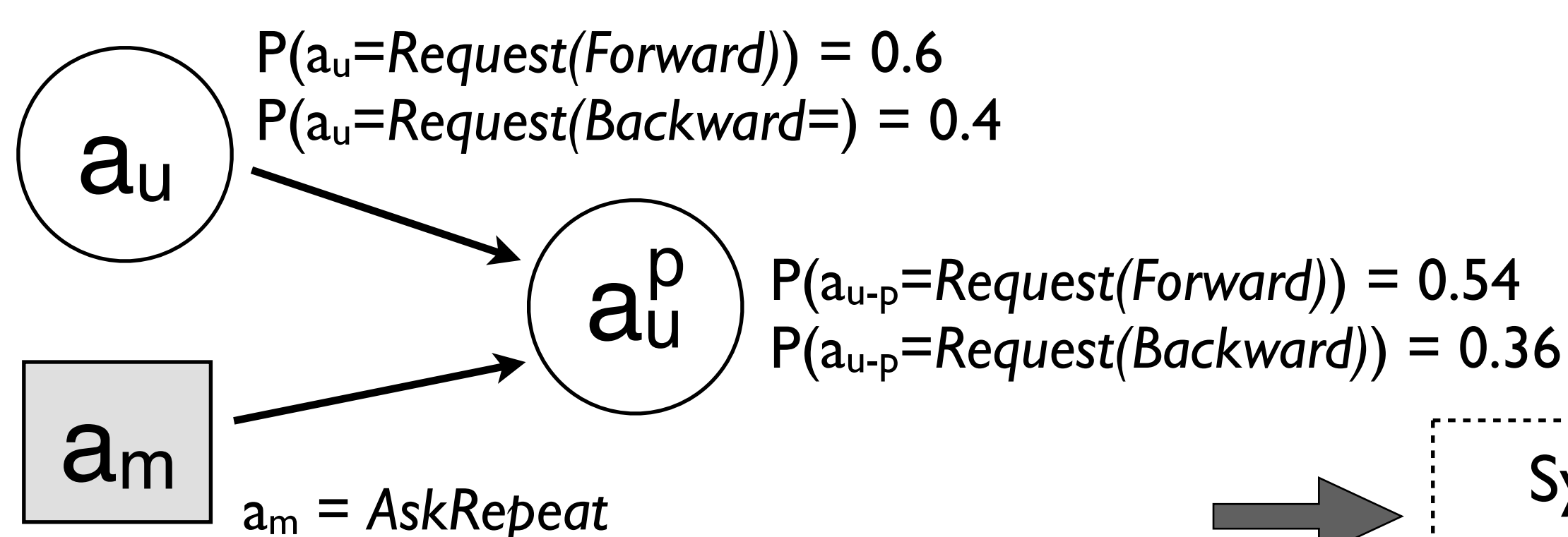
Step 2: triggering utility model m_l



Step 3: action selection

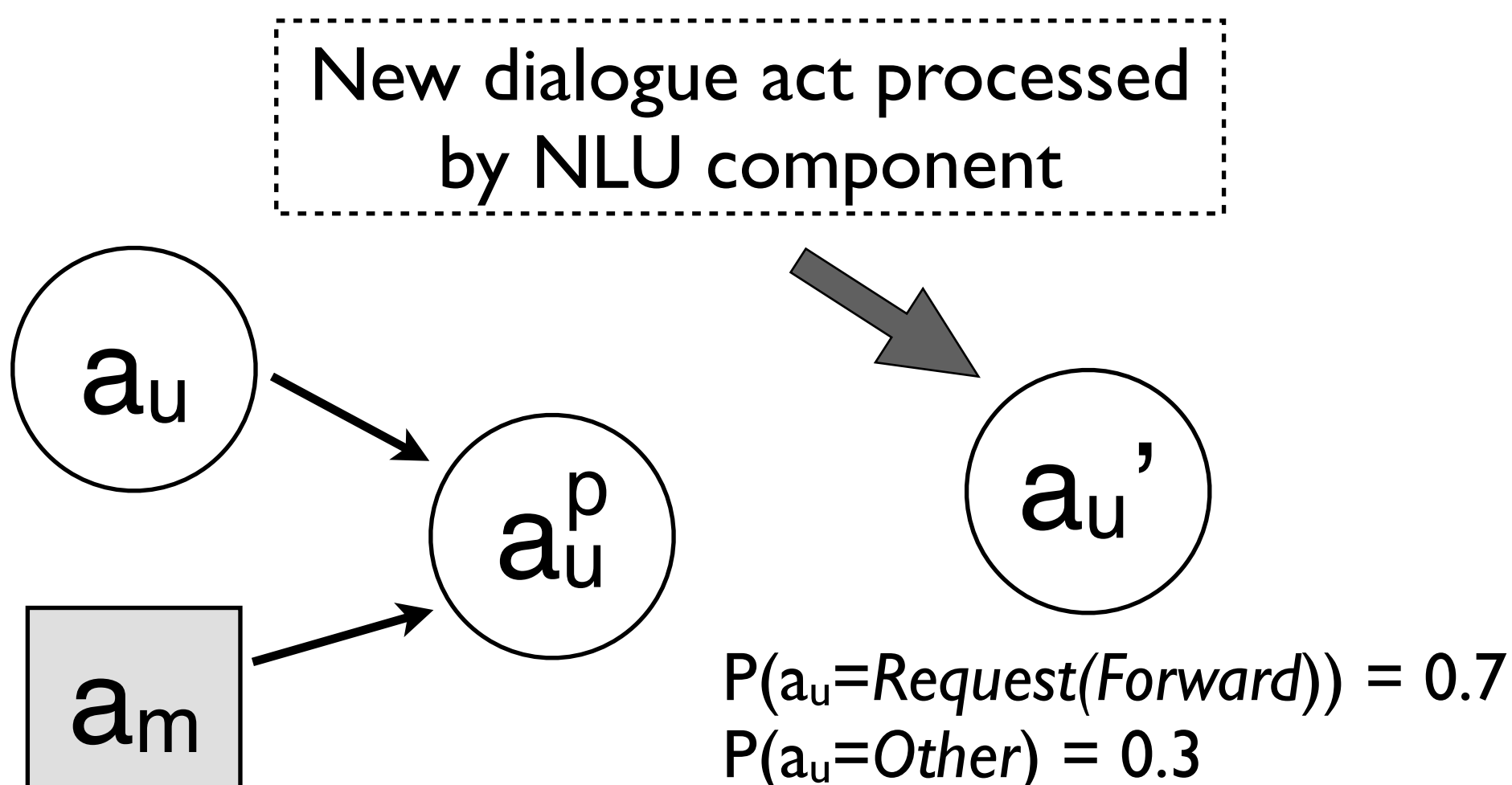


Step 4: triggering prediction model m_2

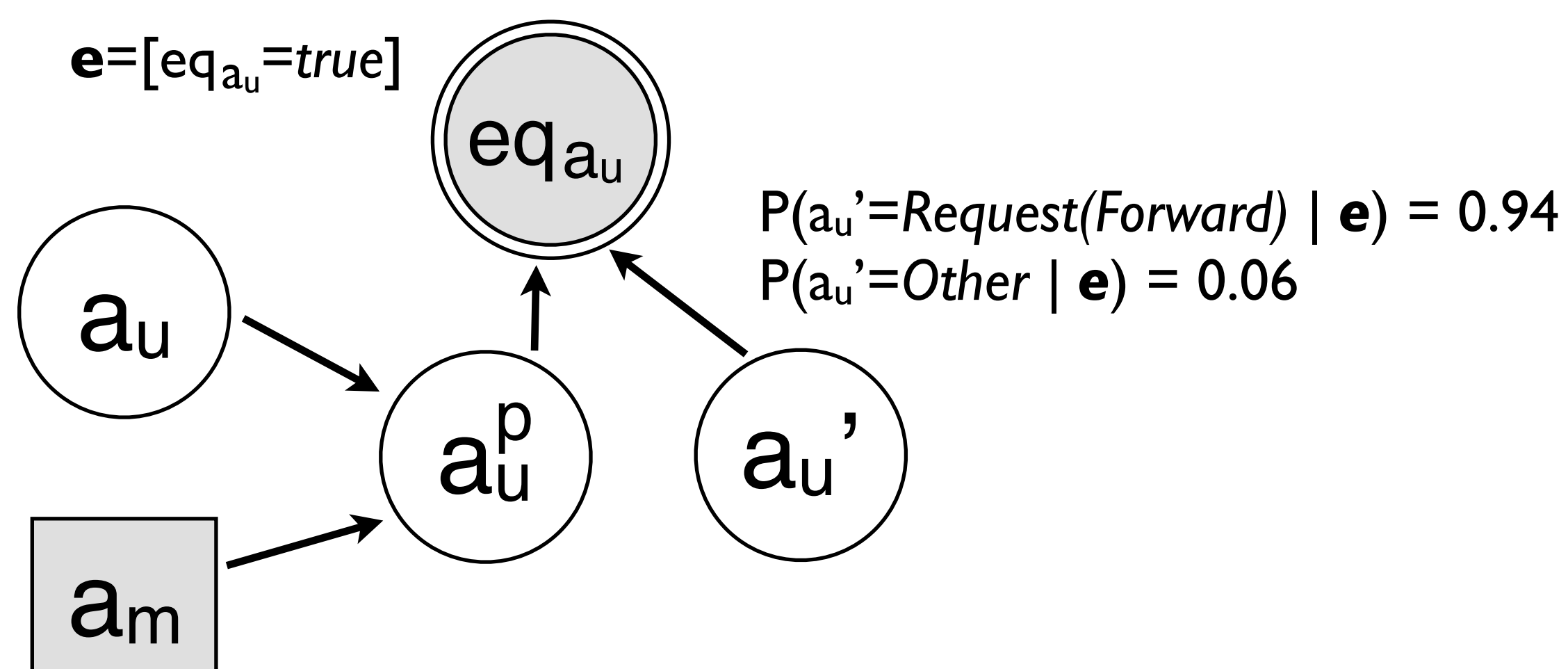


System action: *AskRepeat*
(forwarded to NLG)

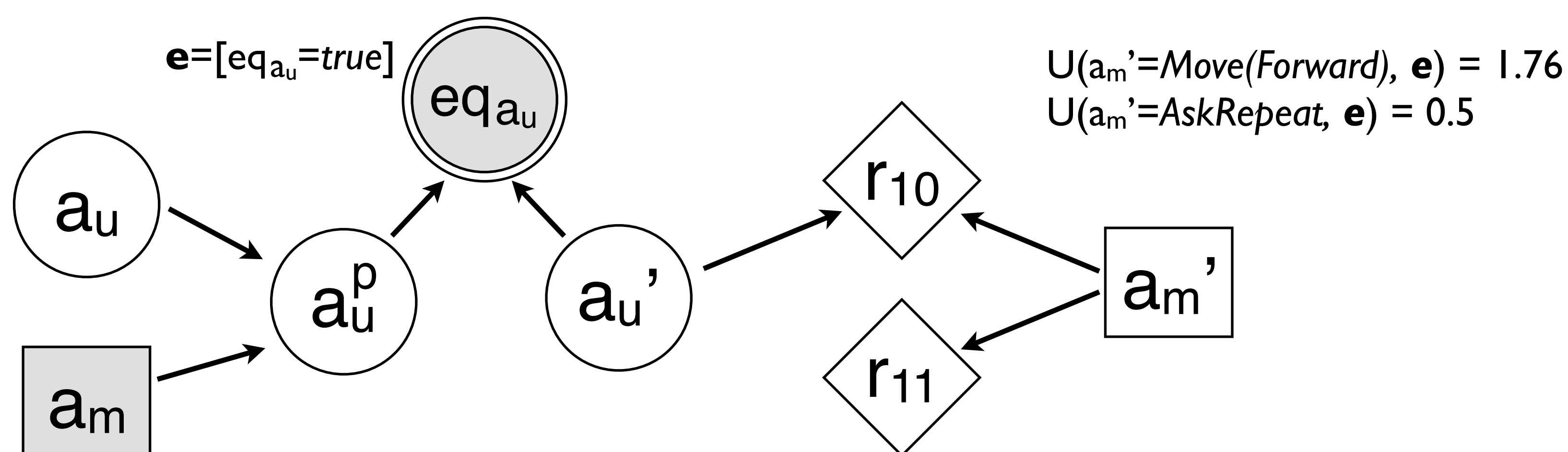
Step 5: state pruning



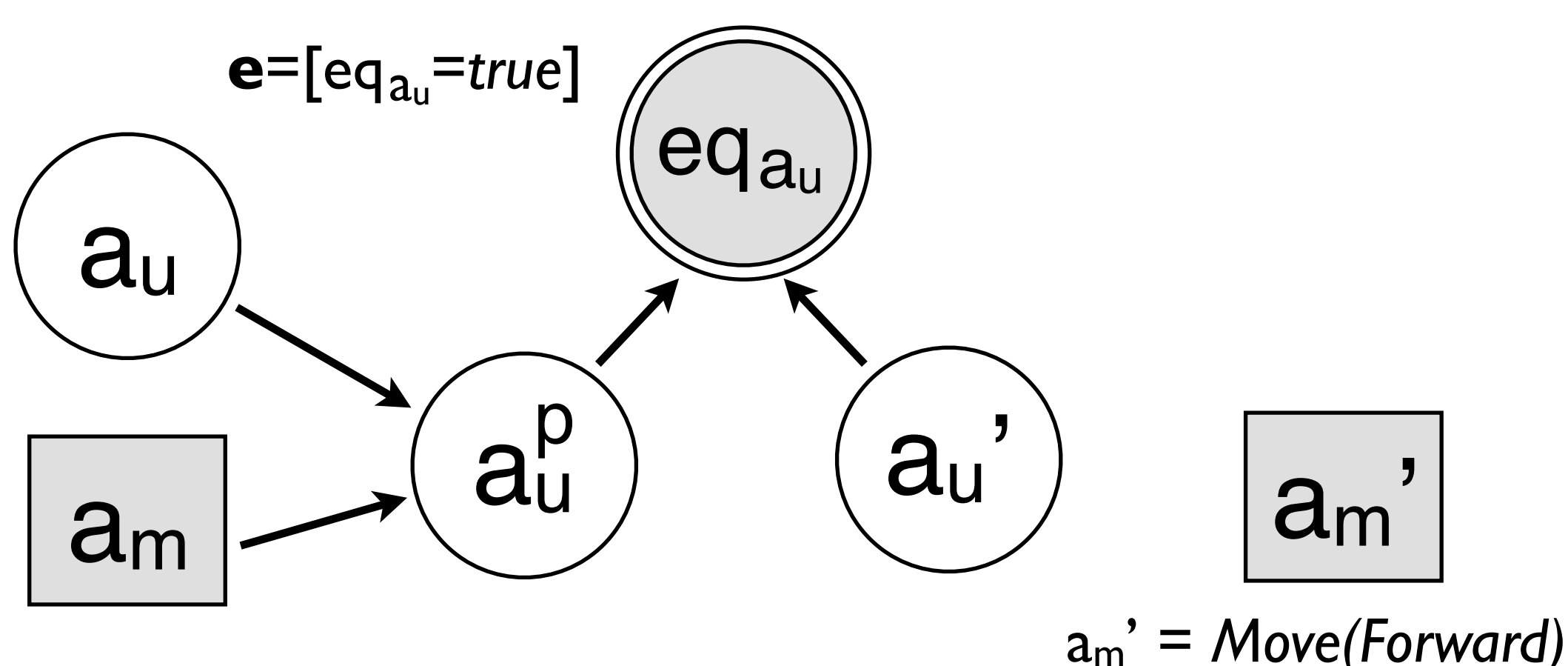
Step 6: insertion of new variable a_u



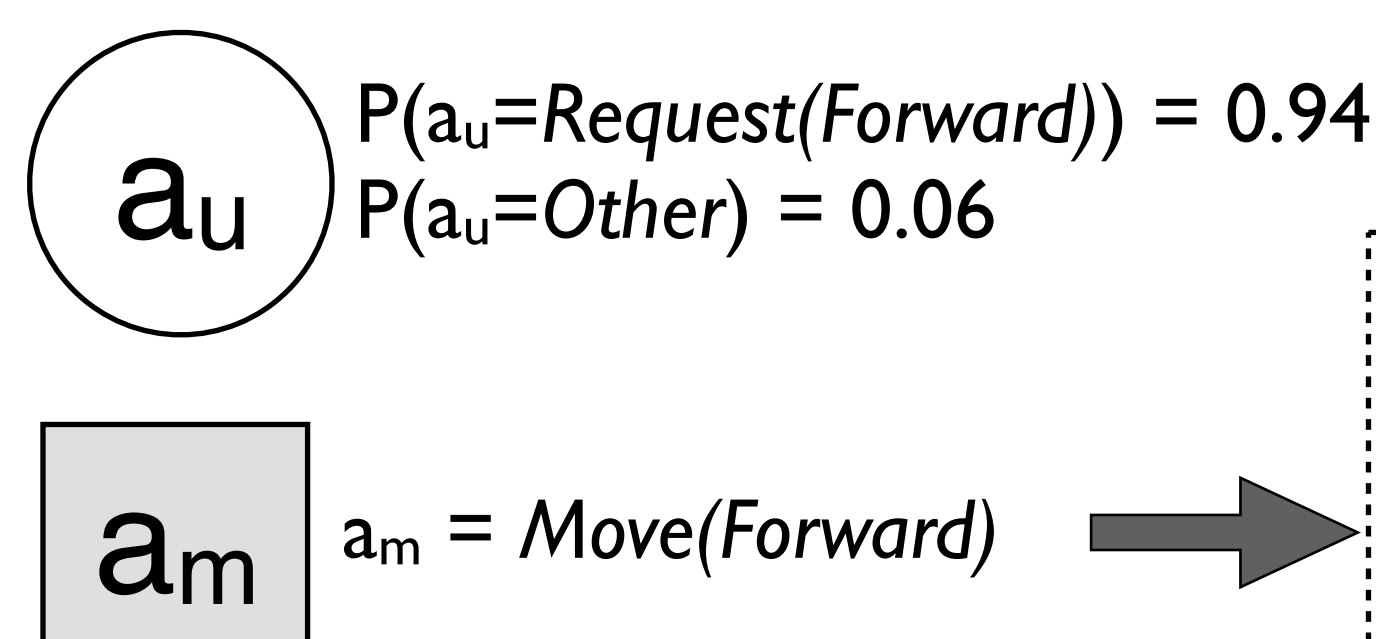
Step 7: creation of equivalence node between prior and observation



Step 8: triggering utility model m_l



Step 9: action selection



System action: *Move(Forward)*
(forwarded to NLG and motor control)

Step 10: state pruning