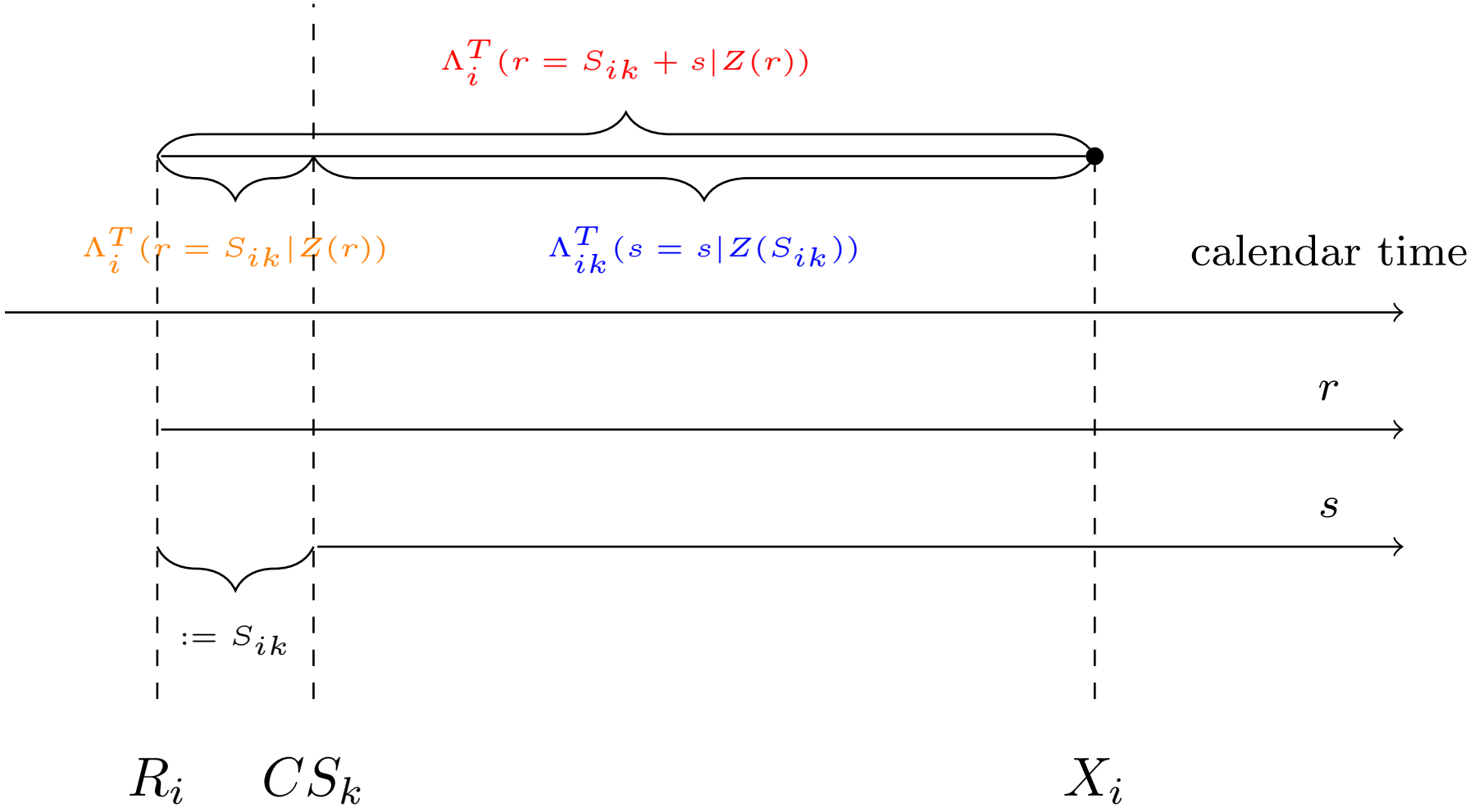

$$W^A(s) := Y_{ik}(s)\exp(\Lambda_i^T(r = S_{ik} + s|Z(r)) - \Lambda_i^T(r = S_{ik}|Z(r)))$$

$$W^B(s) := Y_{ik}(s)\frac{\exp(\Lambda_i^T(r=S_{ik}+s|Z(r))-\Lambda_i^T(r=S_{ik}|Z(r)))}{\exp(\Lambda_{ik}^T(s=s|Z(S_{ik})))}$$