

Synchronous Risk Propagationsec:synchronous

$$\epsilon[1]topKof1[2]R_1^{(2)}[2]r_1^{(2)}[1]r^{(1)}d$$

Ayday2021 first proposed risk propagation as a synchronous, iterative message-passing algorithm that uses the factor graph to compute exposure scores. The first input to  $\text{eq:score-set}$  is the set family  $\mathcal{S}$ , where equation  $s_i = s_{i-t} < \epsilon$