

$$(\mathbf{d}; \mathbf{e}) : \mathbf{P}^{\text{op}} \times \mathbf{R} \xrightarrow{\text{Pos}} \mathbf{Bool},$$

$$\langle p^*, r \rangle \mapsto \bigvee_{q_1 \leq q_2, q_1, q_2 \in \mathbf{Q}} \mathbf{d}(p^*, q_1) \wedge \mathbf{e}(q_2^*, r).$$