$$(f \circ g) : A^{\mathrm{op}} \times C \to_{\mathbf{Pos}} \mathbf{Bool},$$
 
$$\langle a^*, c \rangle \mapsto \bigvee f(a^*, b_1) \wedge g(b_2^*, c).$$

 $b_1 \leq b_2, b_1, b_2 \in B$