$$(f \circ g): A^{\mathrm{op}} \times C \to_{\mathbf{Pos}} \mathbf{Bool},$$

 $\langle a^* c \rangle \mapsto \backslash / f(a^*)$

 $\langle a^*, c \rangle \mapsto \sqrt{f(a^*, b)} \wedge g(b^*, c).$