

# Some properties of reloids

Let  $f, g, h$  be reloids. Then

$$f \circ (g \sqcup h) = f \circ g \sqcup f \circ h.$$

Also

$$f \sqcap (\mathcal{A} \times^{\text{RLD}} \mathcal{B}) = \text{id}_{\mathcal{B}}^{\text{RLD}} \circ f \circ \text{id}_{\mathcal{A}}^{\text{RLD}}.$$