Ejercicio 3

Extender los intérpretes CBN y CBV para tipos suma.

$$M \quad ::= \quad \ldots \mid \text{left}(M) \mid \text{right}(M) \mid \text{case } M \text{ of left}(x) \rightsquigarrow M_1 \mid \text{right}(y) \rightsquigarrow M_2$$

CBV

$$\frac{\Gamma \vdash M \hookrightarrow V}{\Gamma \vdash \text{left}(M) \hookrightarrow V} \qquad \frac{\Gamma \vdash M \hookrightarrow V}{\Gamma \vdash \text{right}(M) \hookrightarrow V}$$

$$\frac{\Gamma \vdash M \hookrightarrow V \qquad \Gamma \vdash \text{left}(x) \hookrightarrow V \qquad \Gamma \vdash M_1 \hookrightarrow V_F}{\Gamma \vdash \text{case } M \text{ of left}(x) \rightsquigarrow M_1 \mid \text{right}(y) \rightsquigarrow M_2 \hookrightarrow V_F}$$

$$\frac{\Gamma \vdash M \hookrightarrow V \qquad \Gamma \vdash \text{right}(y) \hookrightarrow V \qquad \Gamma \vdash M_2 \hookrightarrow V_F}{\Gamma \vdash \text{case } M \text{ of left}(x) \rightsquigarrow M_1 \mid \text{right}(y) \rightsquigarrow M_2 \hookrightarrow V_F}$$