

$$\begin{array}{ccc}
 & \text{Hom}_{\mathbf{EMod}_{M_{\mathbb{B}}}}(-, M_{\mathbb{B}}) & \\
 (\mathbf{EMod}_{M_{\mathbb{B}}})^{\text{op}} & \xrightarrow{\quad \top \quad} & \text{Conv}_{M_{\mathbb{B}}} \cong \mathcal{EM}(\mathcal{D}_{M_{\mathbb{B}}}) \\
 & \xleftarrow{\quad \text{Hom}_{\text{Conv}_{M_{\mathbb{B}}}}(-, M_{\mathbb{B}}) \quad} & \\
 \text{Pred} := \text{Hom}_{\mathbb{B}}(-, 2) & \nwarrow & \nearrow \text{Stat} := \text{Hom}_{\mathbb{B}}(1, -) \\
 & \mathbb{B} &
 \end{array}$$