Data model $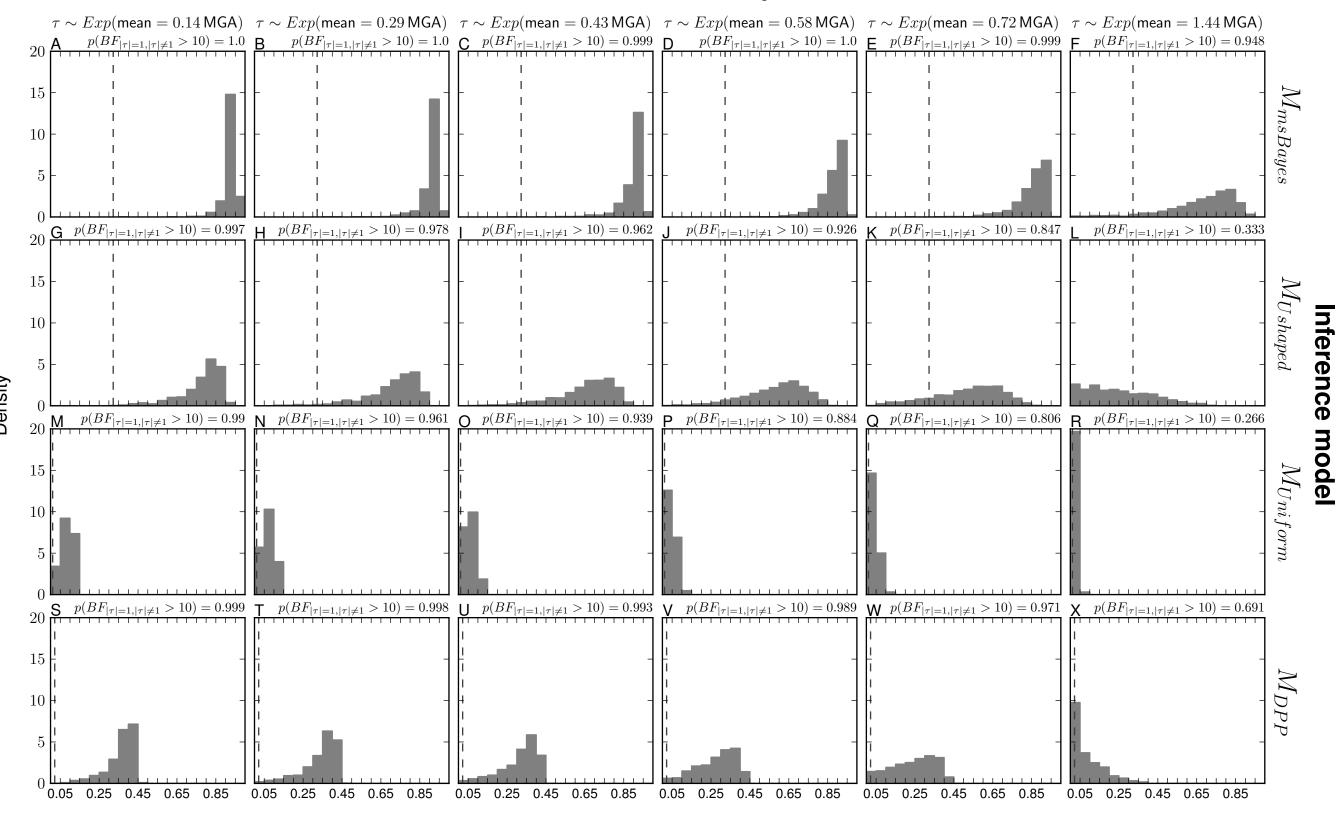\mathcal{M}_{Exp}$