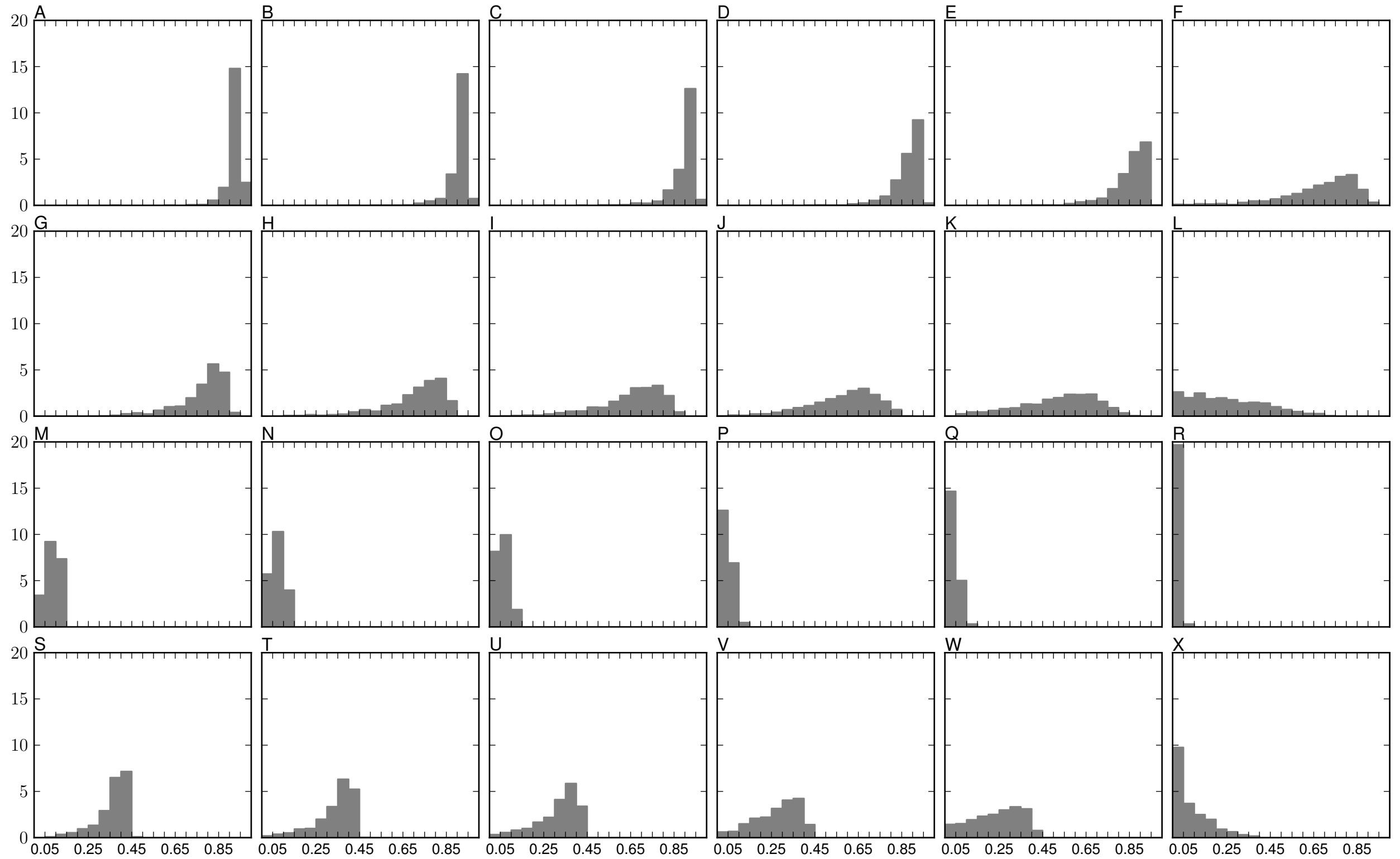
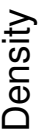


## Data model $\mathcal{M}_{Exp}$

$$\tau \sim \text{Exp}(\text{mean} = 0.1 \text{ MGA})$$
$$\tau \sim \text{Exp}(\text{mean} = 0.3 \text{ MGA})$$
$$\tau \sim \text{Exp}(\text{mean} = 0.4 \text{ MGA})$$
$$\tau \sim \text{Exp}(\text{mean} = 0.6 \text{ MGA})$$
$$\tau \sim \text{Exp}(\text{mean} = 0.7 \text{ MGA})$$
$$\tau \sim Exp(\text{mean} = 1.4 \text{ MGA})$$
*Mrs Bailes* $M_{Ushaped}$ 

# Inference model

$$M_{\text{Unif}}$$
$$M_{DP}$$


Posterior probability of one divergence,  $p(|\tau| = 1 \mid B_\epsilon(S^*))$