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

$\tau \sim U(0, 0.5\,\text{MGA})$ | $\tau \sim U(0, 1.0\,\text{MGA})$ | $\tau \sim U(0, 1.5\,\text{MGA})$ | $\tau \sim U(0, 2.0\,\text{MGA})$ | $\tau \sim U(0, 2.5\,\text{MGA})$ | $\tau \sim U(0, 5.0\,\text{MGA})$

Row 1 ($\mathcal{M}_{msBayes}$):
- A: $p(\hat{D}_T < 0.01) = 1.0$
- B: $p(\hat{D}_T < 0.01) = 1.0$
- C: $p(\hat{D}_T < 0.01) = 0.999$
- D: $p(\hat{D}_T < 0.01) = 0.999$
- E: $p(\hat{D}_T < 0.01) = 0.996$
- F: $p(\hat{D}_T < 0.01) = 0.637$

Row 2 ($\mathcal{M}_{Ushaped}$):
- G: $p(\hat{D}_T < 0.01) = 0.914$
- H: $p(\hat{D}_T < 0.01) = 0.823$
- I: $p(\hat{D}_T < 0.01) = 0.626$
- J: $p(\hat{D}_T < 0.01) = 0.431$
- K: $p(\hat{D}_T < 0.01) = 0.235$
- L: $p(\hat{D}_T < 0.01) = 0.004$

Row 3 ($\mathcal{M}_{Uniform}$):
- M: $p(\hat{D}_T < 0.01) = 0.0$
- N: $p(\hat{D}_T < 0.01) = 0.0$
- O: $p(\hat{D}_T < 0.01) = 0.0$
- P: $p(\hat{D}_T < 0.01) = 0.0$
- Q: $p(\hat{D}_T < 0.01) = 0.0$
- R: $p(\hat{D}_T < 0.01) = 0.0$

Row 4 ($\mathcal{M}_{DPP}$):
- S: $p(\hat{D}_T < 0.01) = 0.002$
- T: $p(\hat{D}_T < 0.01) = 0.0$
- U: $p(\hat{D}_T < 0.01) = 0.0$
- V: $p(\hat{D}_T < 0.01) = 0.0$
- W: $p(\hat{D}_T < 0.01) = 0.0$
- X: $p(\hat{D}_T < 0.01) = 0.0$

Inference model (right axis labels): $\mathcal{M}_{msBayes}$, $\mathcal{M}_{Ushaped}$, $\mathcal{M}_{Uniform}$, $\mathcal{M}_{DPP}$

Density (left axis label)

Estimated variance of divergence events, $\hat{D}_T$