

The figure displays a 6x4 grid of box plots comparing the performance of four classifiers (SVM, KNN, MAP, MCMC) across 24 different datasets. The datasets are grouped by cell type or organism: Chicken DT40, Drosophila, E14TG2aR (Breckels et al. 2016), HeLa, HeLa KO1 (Hirst et al. 2018), HeLa KO2 (Hirst et al. 2018), HeLa Wild type (Hirst et al. 2018), Mouse, Primary Fibroblast HCMV 120hpi, Primary Fibroblast HCMV 24hpi, Primary Fibroblast HCMV 48hpi, Primary Fibroblast HCMV 72hpi, Primary Fibroblast HCMV 96hpi, Primary Fibroblast Mock 120hpi, Primary Fibroblast Mock 24hpi, Primary Fibroblast Mock 48hpi, Primary Fibroblast Mock 72hpi, Primary Fibroblast Mock 96hpi, and U2-OS. The y-axis represents a performance metric, and the x-axis lists the classifiers. Each box plot shows the median, quartiles, and outliers.

Dataset	SVM	KNN	MAP	MCMC
Chicken DT40	~0.85	~0.85	~0.85	~0.85
Drosophila	~0.85	~0.85	~0.85	~0.85
E14TG2aR (Breckels et al. 2016)	~0.85	~0.85	~0.85	~0.85
HeLa	~0.85	~0.85	~0.85	~0.85
HeLa KO1 (Hirst et al. 2018)	~0.85	~0.85	~0.85	~0.85
HeLa KO2 (Hirst et al. 2018)	~0.85	~0.85	~0.85	~0.85
HeLa Wild type (Hirst et al. 2018)	~0.85	~0.85	~0.85	~0.85
Mouse	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast HCMV 120hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast HCMV 24hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast HCMV 48hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast HCMV 72hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast HCMV 96hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast Mock 120hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast Mock 24hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast Mock 48hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast Mock 72hpi	~0.85	~0.85	~0.85	~0.85
Primary Fibroblast Mock 96hpi	~0.85	~0.85	~0.85	~0.85
U2-OS	~0.85	~0.85	~0.85	~0.85

SVM KNN MAP MCMC