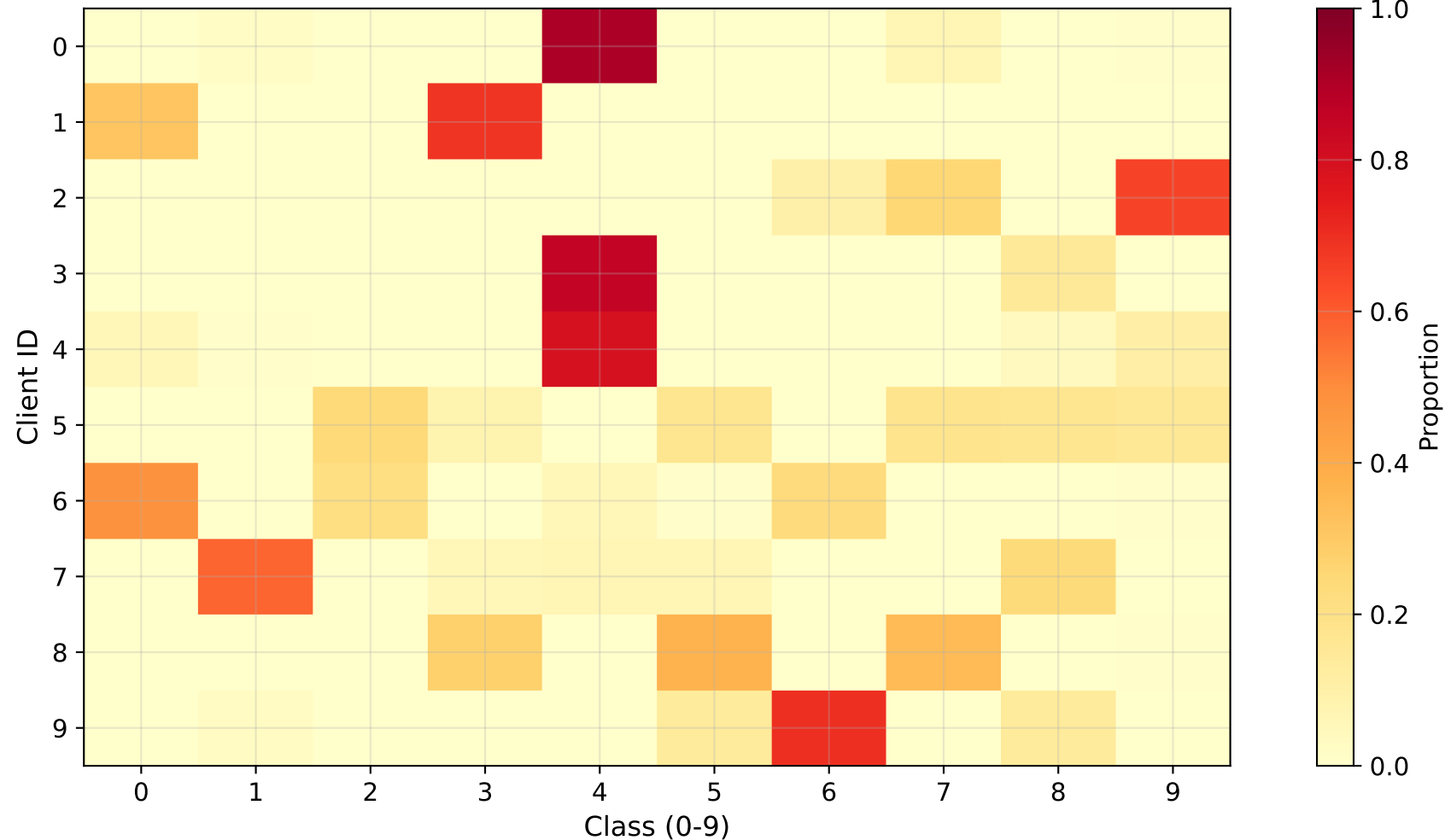


Measuring Non-IID Data Heterogeneity

Client Label Distributions ($\alpha=0.1$)



Non-IID Metrics
=====

Entropy (H)
Mean: 0.925
Std: 0.402
Max: 2.303

Max-Class Share
Mean: 0.626
Std: 0.201

JS Divergence
(from global)
Mean: 0.583
Std: 0.075
=====

Interpretation:

- Lower entropy → more specialized
- Higher max-share → class dominance
- Higher JS div. → deviation from global dist.