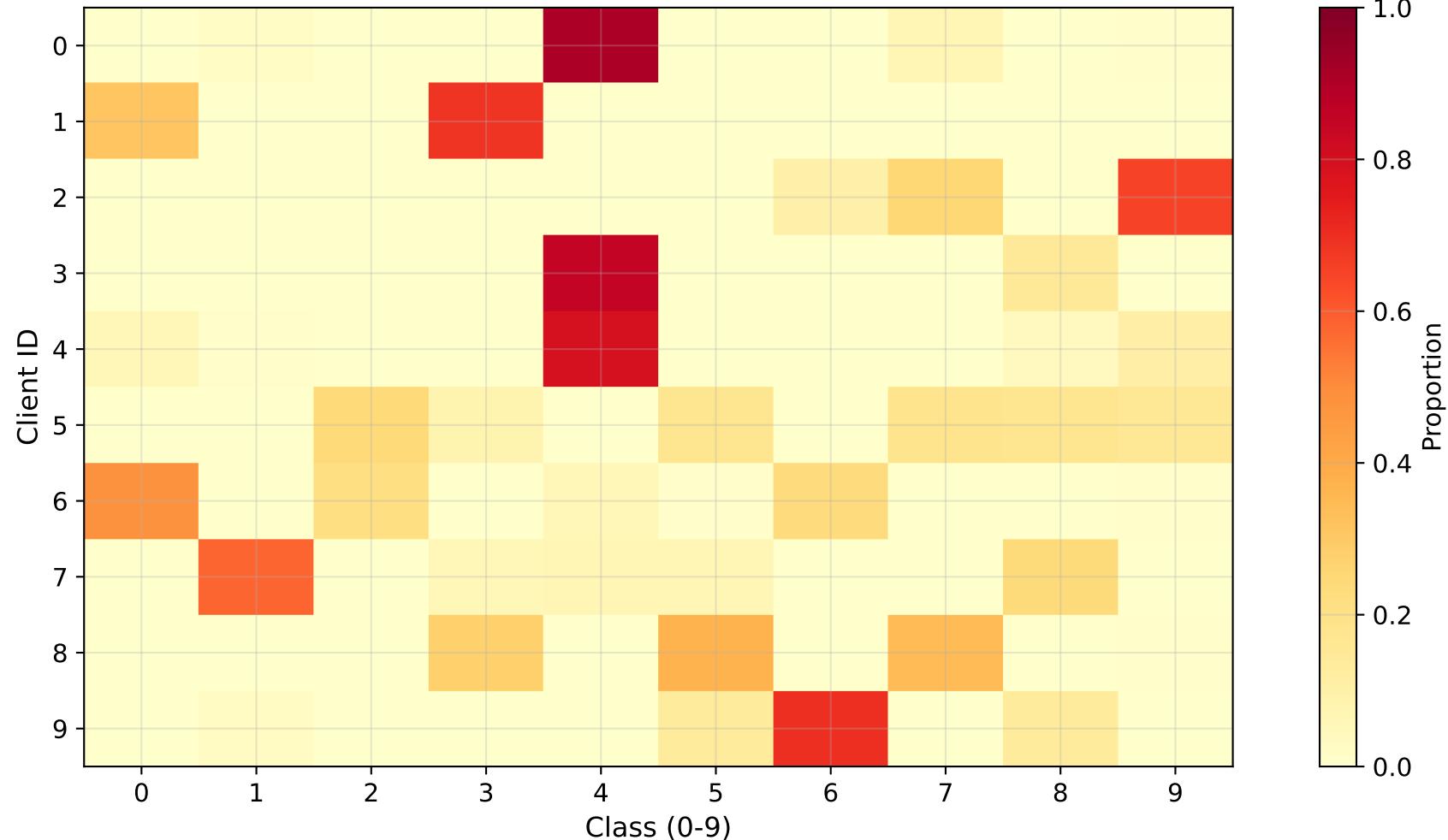


# Measuring Non-IID Data Heterogeneity

## Client Label Distributions ( $\alpha=0.1$ )



Non-IID Metrics	
<hr/>	
Entropy (H)	Mean: 0.925
	Std: 0.402
	Max: 2.303
<hr/>	
Max-Class Share	Mean: 0.626
	Std: 0.201
<hr/>	
JS Divergence (from global)	Mean: 0.583
	Std: 0.075
<hr/>	
Interpretation:	
• Lower entropy → more specialized	
• Higher max-share → class dominance	
• Higher JS div. → deviation from global dist.	