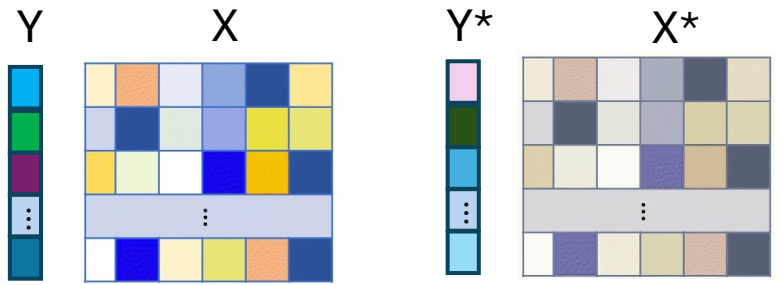
Step 1: Model missingness

Post-discharge	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6
	8	30	6	0	2	Dropout
	4	30	30	30	30	30
	9	30	19		Dropout	
	0	0	28	29	30	29
	18	30	30	21	Dropout	

JLNet

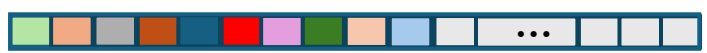
Observation indicator $\hat{\pi}$
$(R = 1|All\ observed\ factors)$

Step 2: Untangle patient-level effects



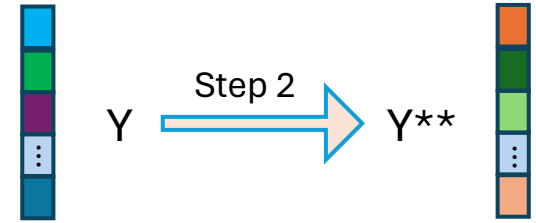
Learning

$\hat{\beta}^T$



Detected patients' factors Noises

Step 3: Decipher facility-level clusters



WLS SGMM