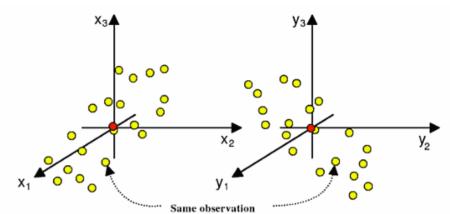
PLSR = partial least squares regression
OR projection to latent structures

Data has values in both X and Y spaces for each observation



 $Y = UQ^t + F$

Find PCs for both matrices (while emphasizing the parts of X that correlate with Y) – will use NIPALs algorithm to construct the principal components. $X = TP^t + E$

scores loadings residuals