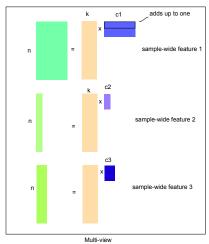
Signatures for CN: how do embed CN in matrix form

- Each sample contains several features (independent of each other), each feature can be categorised into multiple components
 - Geoff's signatures: features are concatenated
 - *Multi-View Clustering via Joint Nonnegative Matrix Factorization*
- Each sample contains many segments, each segment has multiple characteristics which can be categorised as compartments of features (Shiraishi)
 - Equivalent to SNV, but for multiple features (instead of the single trinucleotide change)
 - You can potentially get inspired by *Mutational signatures of complex genomic rearrangements in human cancer*

To do (?)

- Que Run Geoff's signature extraction, Shiraishi's minimal example
- Por Shiraishi's method: define segment-specific features, and categorise each feature in each segment to get the input matrix for pmsignature
- Oreate github repo if you think it'd be useful

To do (?)



Benefits over method on the right:

- you do not have signatures that are defined by a single component
- the exposures can be absolute exposures, the units being "number of segment-equivalents", "number of changepoints-equivalents", etc.

the weights, or exposures (shared)

- n: number of samples
- k: number of signatures
- c1: number of components of feature 1

