a
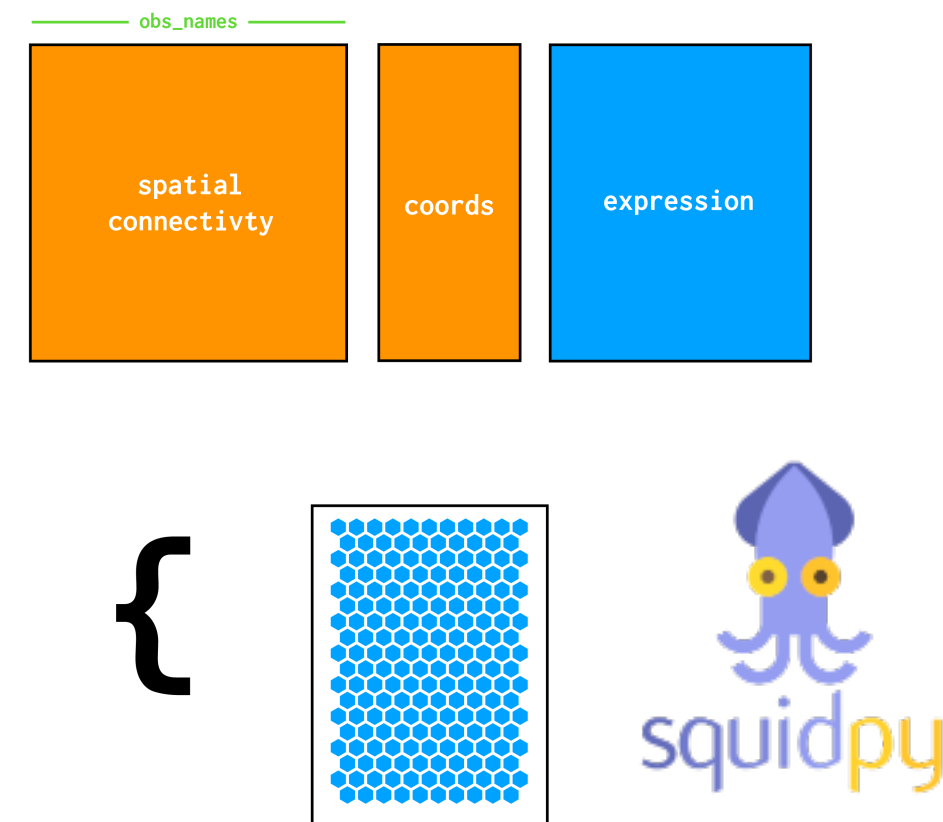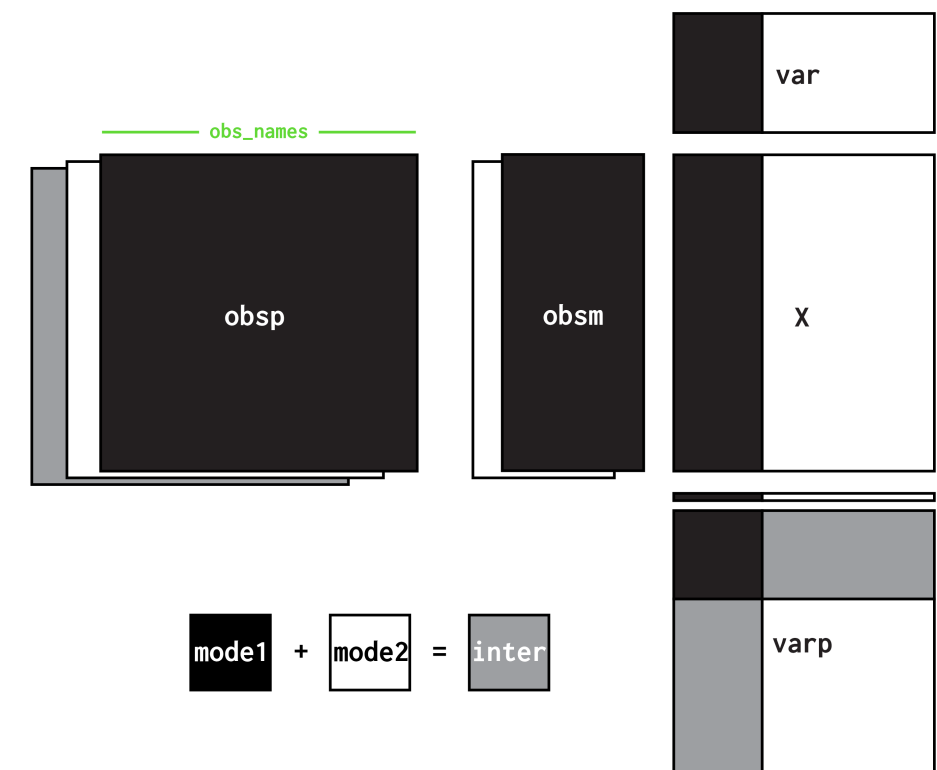
squidpy

- spatial connectivities stored in **obsp**

- coordinates stored in **obsm**

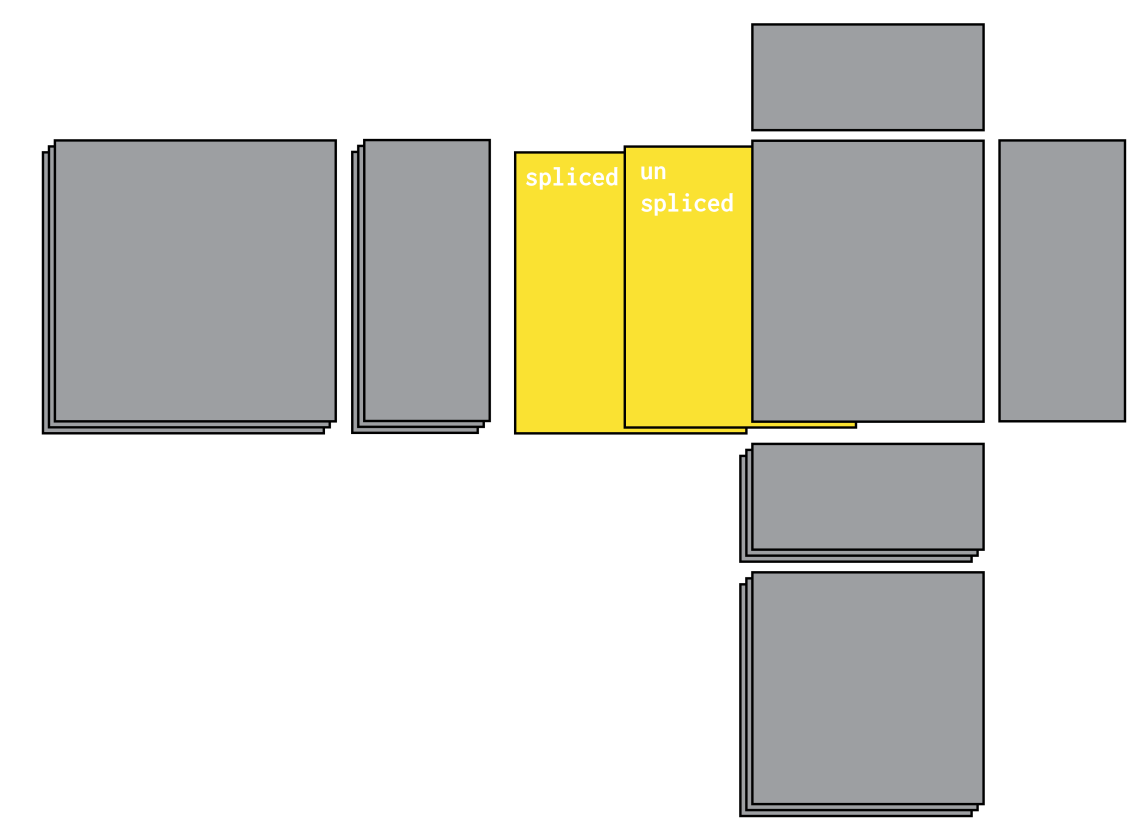- image (or reference to large image) stored in **uns**

b

multimodal

- For integrated analysis, variables divided by categories in **var**

- inter and intra modality mappings in **varp**

- uni and multimodal representations stored as different entries in **obs** aligned arrays

c

scvelo

- splicing states in **layers**

- directed graph in **obsp**