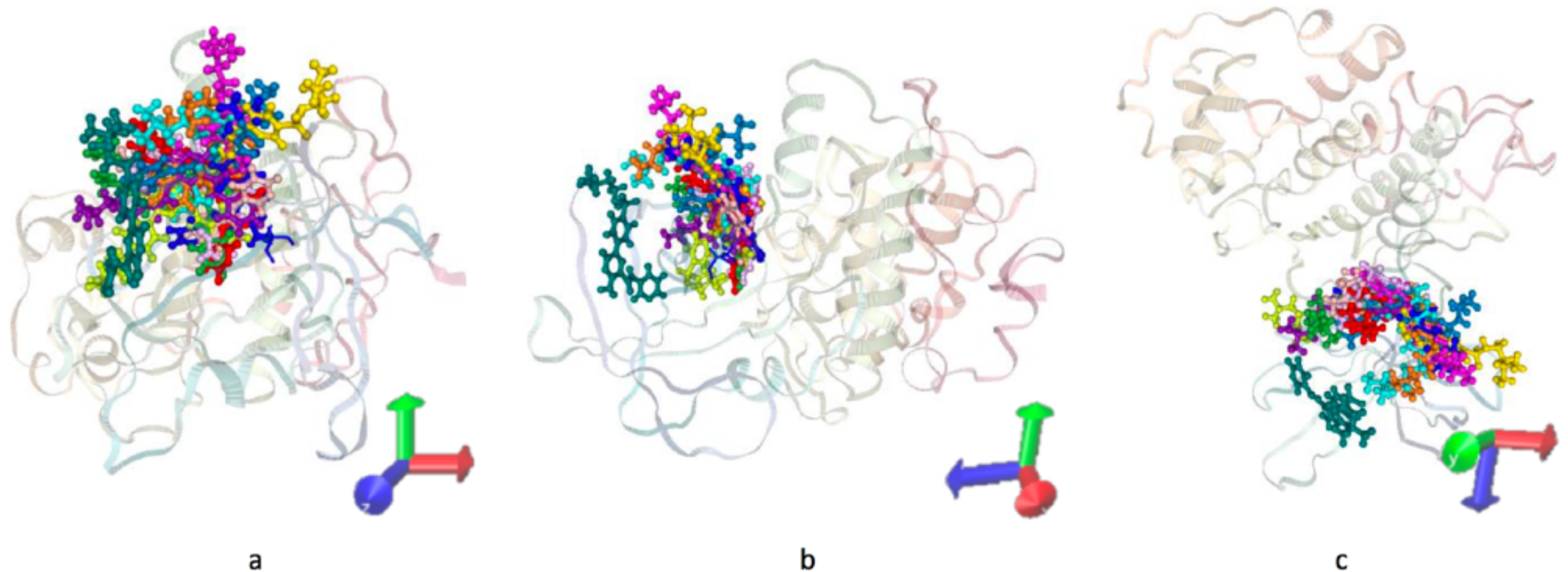# On-the-fly stable states

- Measure of stability

  - number of contacts (5; could use 4)

  - fraction of time present (95%; could use 90%)

- Duration of stability (5ns; could use 3ns)

- Predefine known states (target; unbound)

- Exclude known states from on-the-fly states

*On-the-fly states can be identified by the contacts present*

# Stable contact states



a    b    c

Identified 12 metastable states that *might* be distinct.

Many are probably equivalent, but some are very different.

Next: Develop tools to compare stable contact states; use this sampling to create geometric definitions.