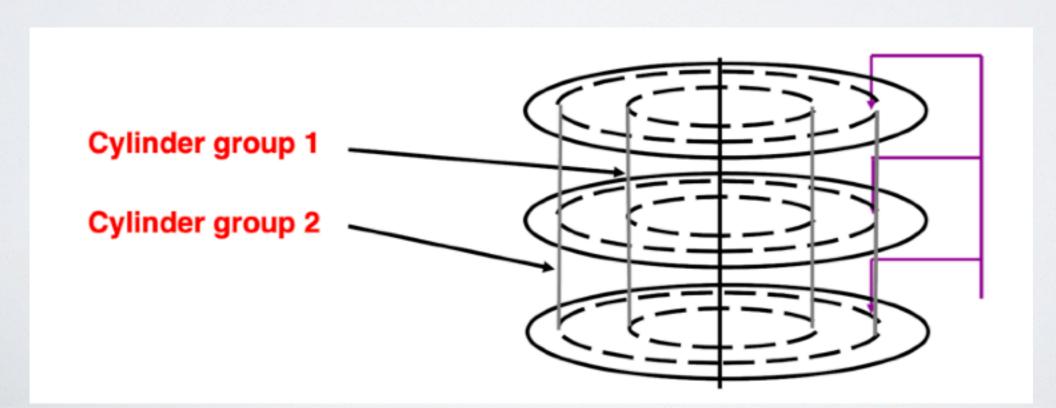
## FFS Solution - Cylinder Group

- → Group sets of consecutive cylinders into "cylinder groups"
  - Can access any block in a cylinder without performing a seek (next fastest place is adjacent cylinder)
  - · Tries to put everything related in same cylinder group
  - · Tries to put everything not related in different group



## Clustering in FFS

Access one block, probably access next

→ Let's try to put sequential blocks in adjacent sectors

If you look at inode, most likely will look at data too

→ Let's try to keep inode in same cylinder as file data

Access one name, frequently access many, e.g., "Is -I"

→ Let's try to keep all inodes in a dir in same cylinder group