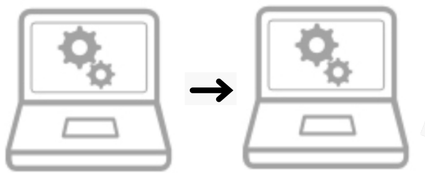
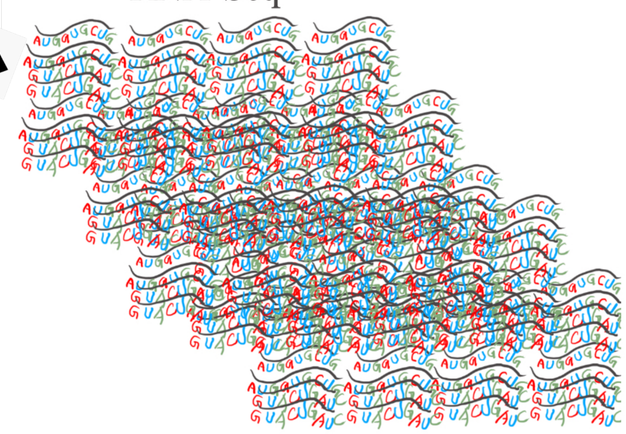
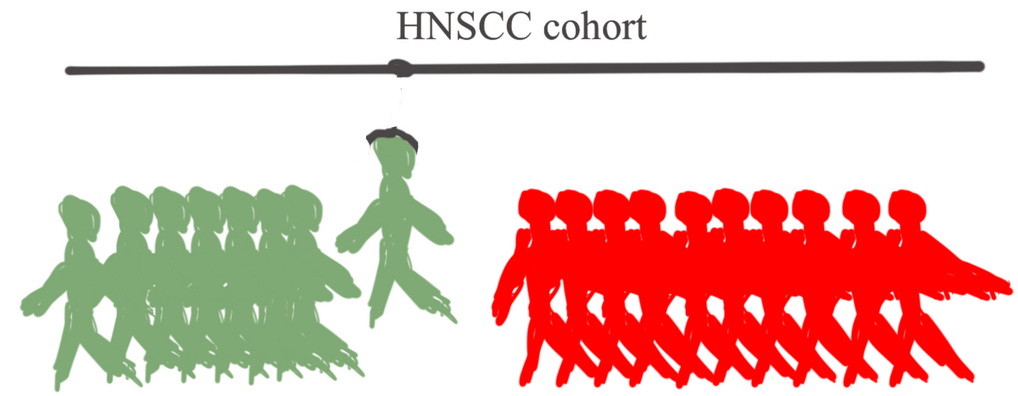
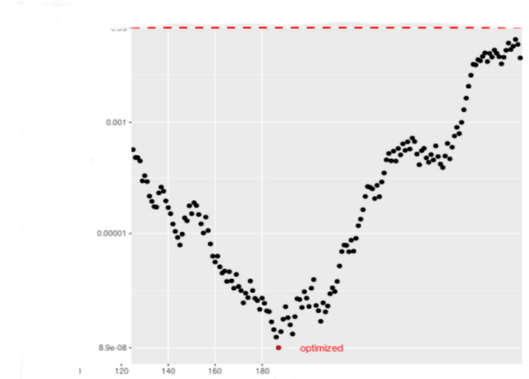


TCGA GDC → Firehose







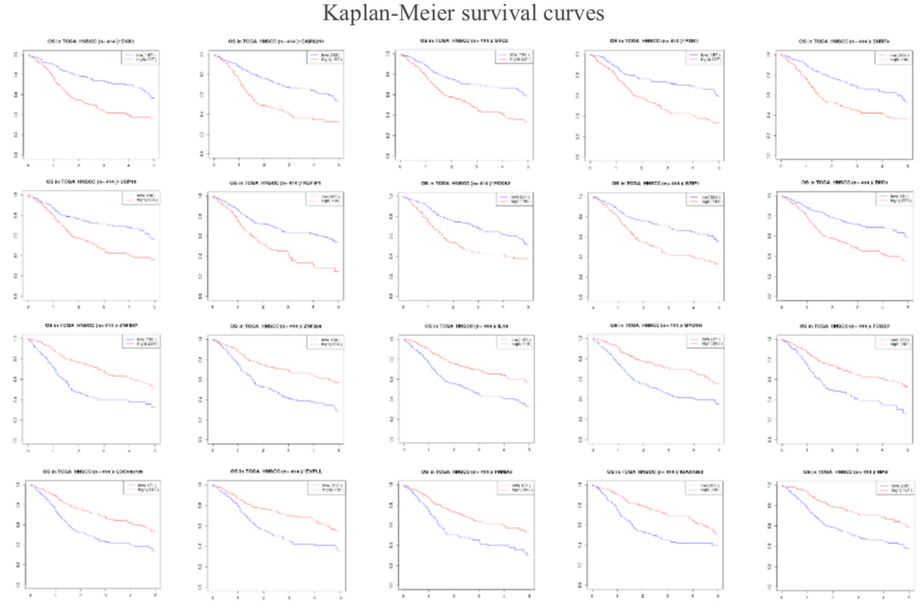
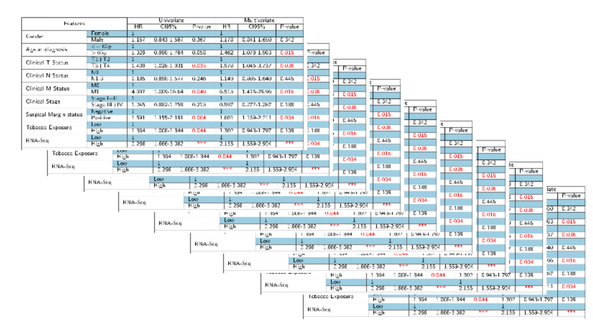
Step 1=>

Rstudio server

- [main_marginSFP_HNSCC.R]
  - TCGA GDC data portal (FirebrowseR)
    - clinicopathological data
    - RNAseq (20500 genes)
  - [TCGA_HNSCC_marginSFP.R] organizing patient cohort
    - data process/cleaning
    - survival analyses
      - Cutoff engine [cutofFinder_func_HNSCC.R]
        - grouping by 200 serial cut
        - Kaplan-Meier survival
        - P-values plots
      - Cox model
    - table generation
- [analysis_export.R]
  - candidate pickup
  - export results

Step 2=>

Kaplan-Meier survival curves



Cox's univariate/multivariate Survival tables