

Classic Papers

K-M curves:

- Kaplan, E. L.; Meier, P. (1958). "Nonparametric estimation from incomplete observations". J. Amer. Statist. Assn. 53 (282): 457–481

The hallmarks of cancer:

- Hanahan, Douglas, and Robert A. Weinberg. "The hallmarks of cancer." cell100.1 (2000): 57-70.
- Hanahan, Douglas, and Robert A. Weinberg. "Hallmarks of cancer: the next generation." cell 144.5 (2011): 646-674.

The Connectivity Map:

- Lamb, Justin, et al. "The Connectivity Map: using gene-expression signatures to connect small molecules, genes, and disease." science 313.5795 (2006): 1929-1935.

CCLE:

- Barretina, Jordi, et al. "The Cancer Cell Line Encyclopedia enables predictive modelling of anticancer drug sensitivity." Nature 483.7391 (2012): 603-607.

TCGA:

- Weinstein, John N., et al. "The cancer genome atlas pan-cancer analysis project." Nature genetics 45.10 (2013): 1113-1120.

COSMIC:

- Forbes, Simon A., et al. "COSMIC: mining complete cancer genomes in the Catalogue of Somatic Mutations in Cancer." Nucleic acids research (2010): gkq929.

Five breast cancer sub-types based on gene expression:

- Sorlie, Therese, et al. "Gene expression patterns of breast carcinomas distinguish tumor subclasses with clinical implications." Proc Natl Acad Sci USA 98.19 (2001): 10869-74.

RPPA:

- Akbani, Rehan, et al. "A pan-cancer proteomic perspective on The Cancer Genome Atlas." Nature communications 5 (2014).