

Dynamic re-training sample report explained

Patient ID

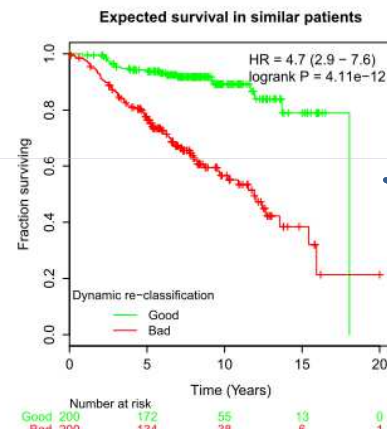
Eventual warning messages will be displayed below the patient ID.

The final prediction

takes into account both the risk assignment from the training set assessment and the output from the *molecular classification*. Not concordant results will be termed *intermediate*. The result summarizes the expected prognosis for the investigated patient.

Dynamic re-training for breast cancer patients
ANALYSIS RESULTS

Patient ID: GSM177924.CEL
Prognosis prediction: Good



Kaplan-Meier plot

depicting the survival of patients in the two training set cohorts having *good or bad prognosis*. The patient is classified into one of these two groups.

Analysis details:

- the number of patients employed in the complete database pool providing samples for the training set
- the size of the *training set* and the number of genes used in the *molecular classification*

Analysis details:

- patients included in the analysis: 3534
- training set size: 400, gene number: 25
- training set survival: Good (HR= 0.59, p= 2.7e-07)

Patient characteristics:

- ER status: positive (measured: 10464, cutoff: 500)
- HER2 status: negative (measured: 1902, cutoff: 4800)

ER status

is determined using the Affymetrix 205225_at probe set. Normalized expression above 500 is regarded as ER positive.

Training set survival:

the HR and p values show the relative *survival of the training set* in comparison to all remaining breast cancer patients of the complete database

HER2 status

is determined using the Affymetrix 216836_s_at probe set. Normalized expression above 4800 is regarded as HER2 positive.

<http://www.recurrenceonline.com>

For more information please refer to our publications.