GUIDE

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Data

This data frame contains the observations of 686 women:

- horTh - hormonal therapy, a factor at two levels no and yes.
- age - of the patients in years.
- menostat - menopausal status, a factor at two levels pre (premenopausal) and post (postmenopausal).
- tsize - tumor size (in mm).
- tgrade - tumor grade, a ordered factor at levels I < II < III.
- pnodes - number of positive nodes.
- progrec - progesterone receptor (in fmol).
- estrec - estrogen receptor (in fmol).
- time - recurrence free survival time (in days).
- cens - censoring indicator (0- censored, 1- event).

Assign variables to proper matrices

1. X - K dimensions vector of covariates
2. Y - univariate response variable
3. Z - treatment variable 1 . . . G

```
Y <- GBSG2[[ncol(GBSG2)]]
Z <- GBSG2[[1]]
X <- GBSG2[2:(ncol(GBSG2)-2)]
```