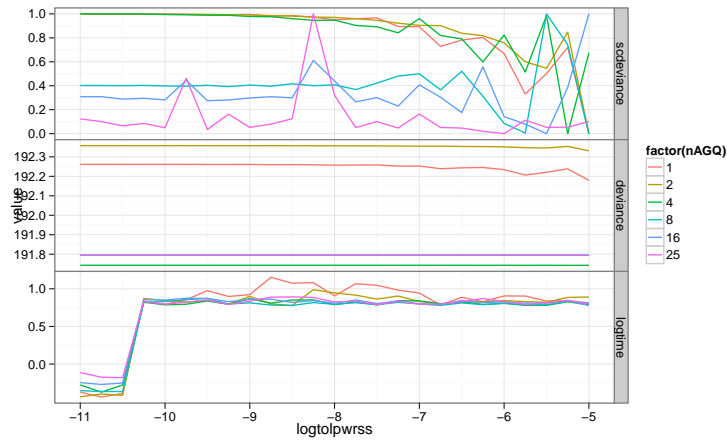


Get data:

## 1 lme4

### 1.1 Nelder-Mead

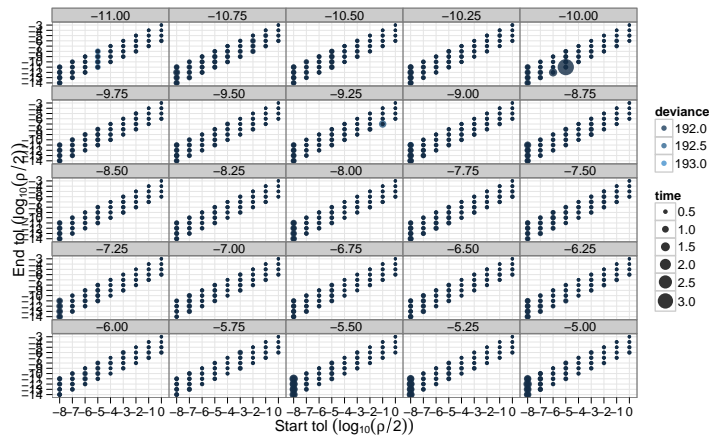
Performance as a function of `tolPwrss`, `nAGQ`:



### 1.2 bobyqa

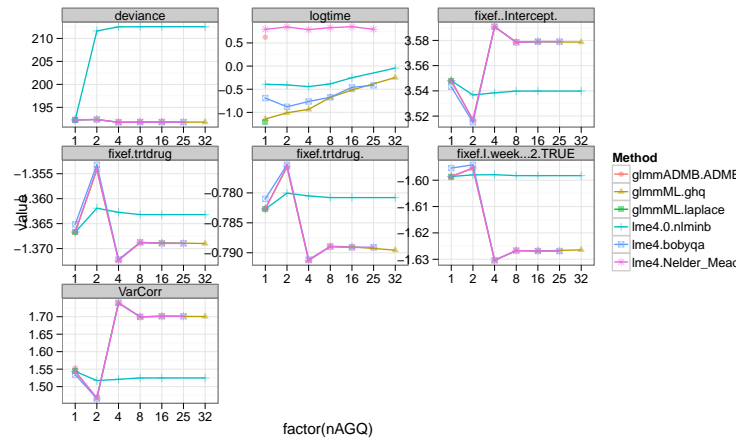
Performance as a function of `tolPwrss`, `rho-beg`, `rho-end`:

FIXME: better format!



## 2 Comparison of all approaches

`lme4` uses default settings here (`tolPwrss=1e-11`, `rhobeg=2e-4`, `rhoend=2e-7`).



Without lme4.0:

