QC and Annotation

# Quality Control

#### Density Plots of Beta Values

## [preprocessNoob] Applying R/G ratio flip to fix dye bias...

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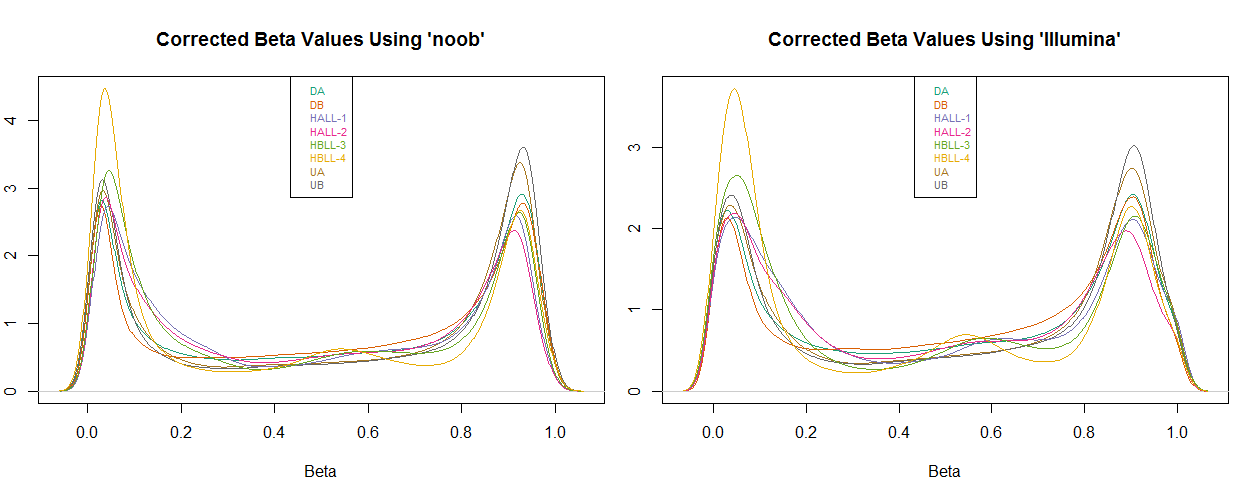
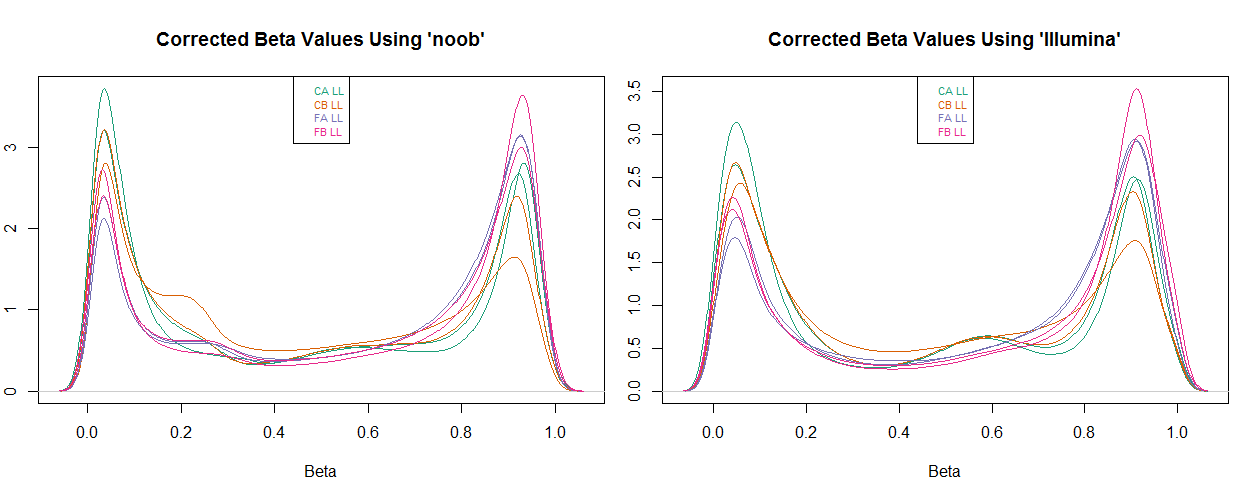
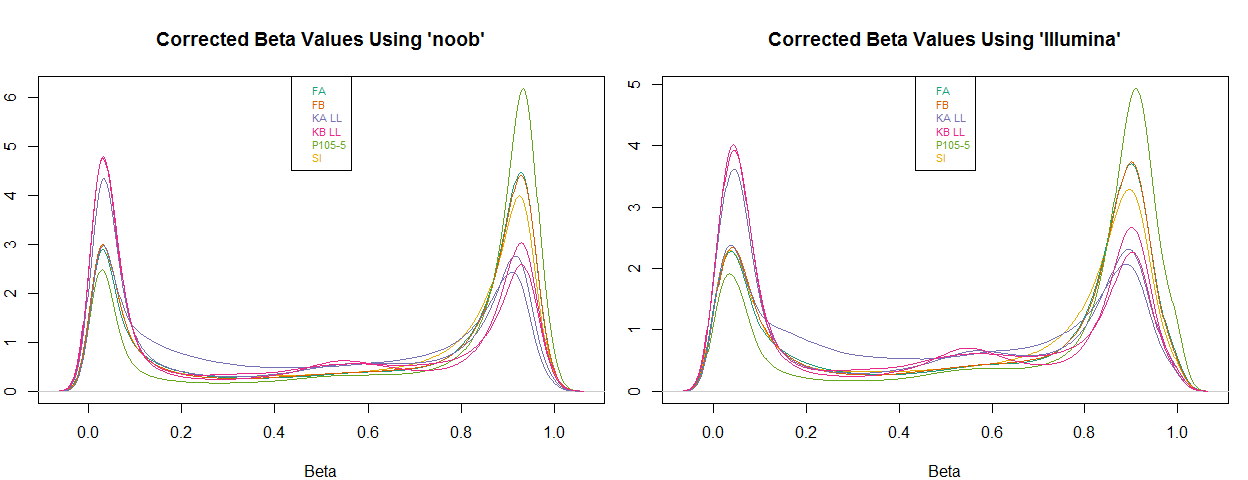
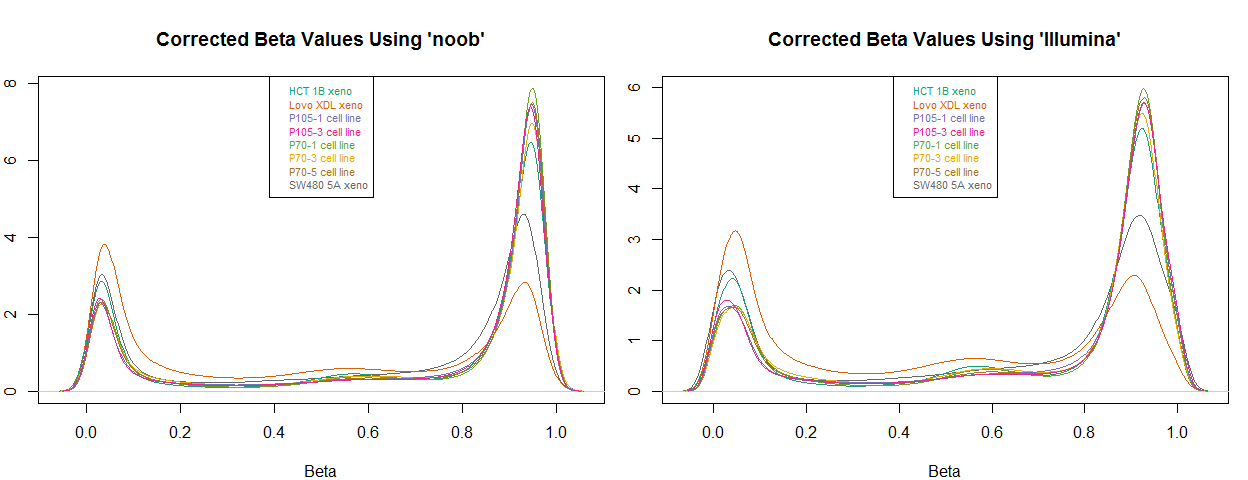
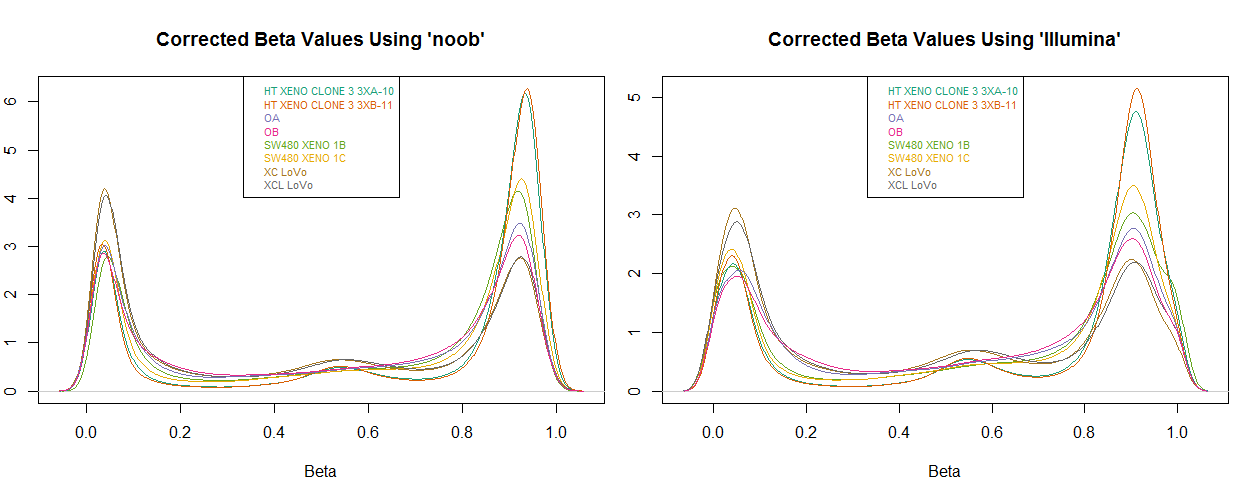
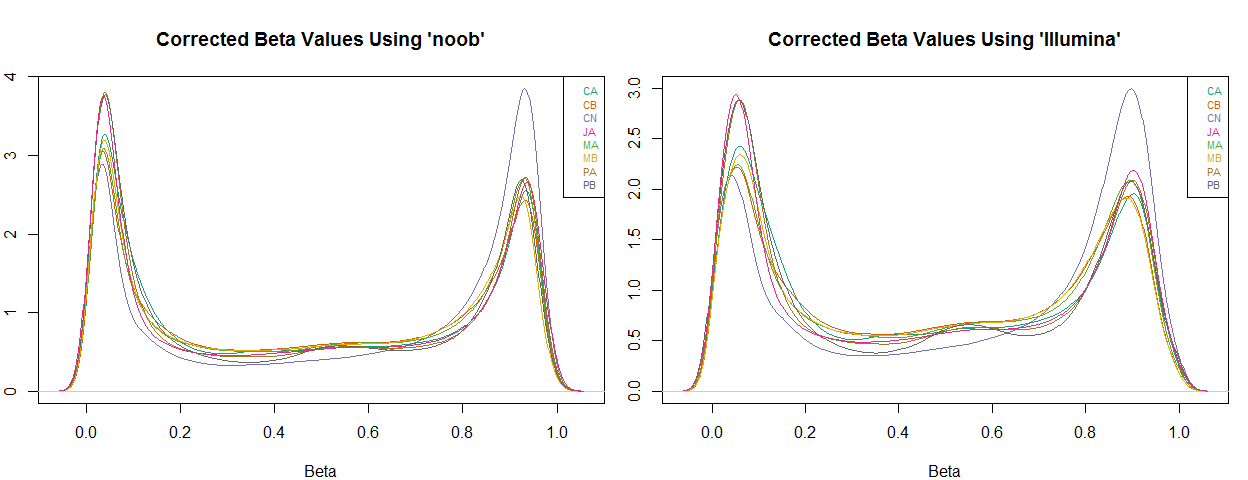
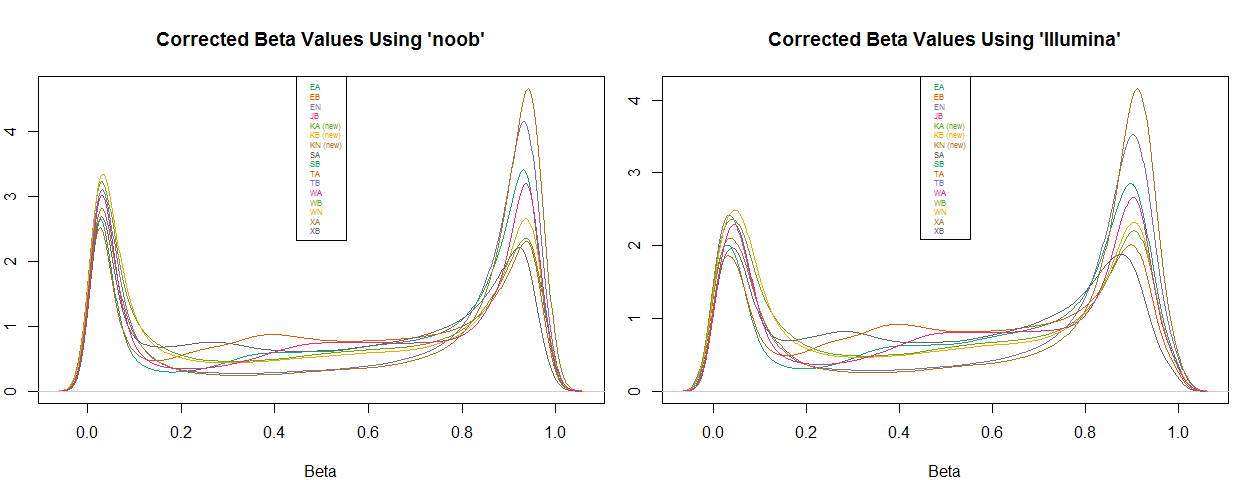
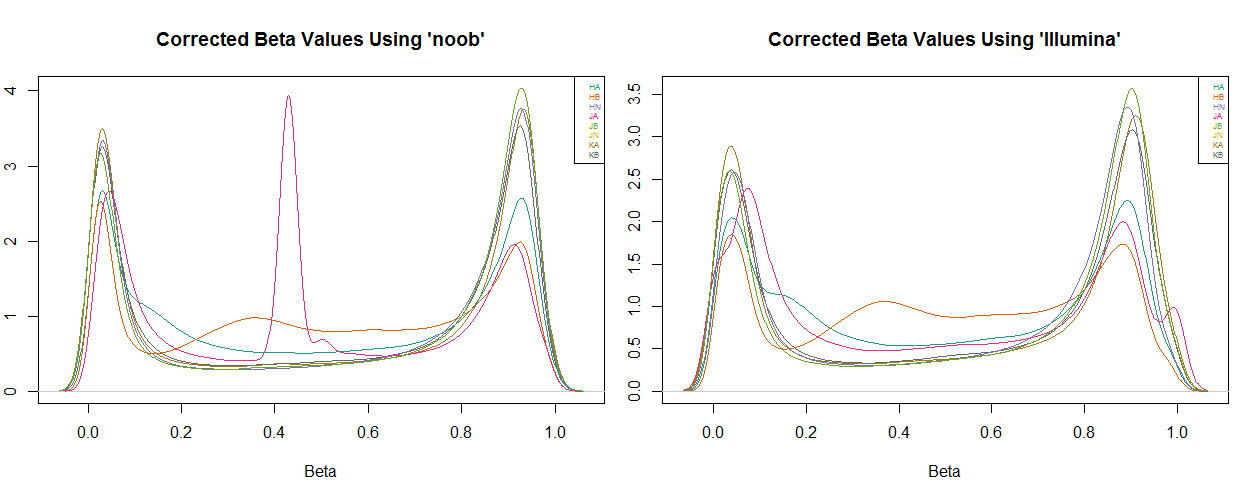
## [preprocessNoob] Applying R/G ratio flip to fix dye bias...

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## [preprocessNoob] Applying R/G ratio flip to fix dye bias...

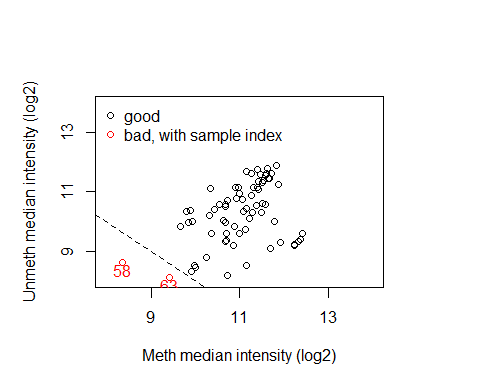
## [preprocessNoob] Applying R/G ratio flip to fix dye bias...

## [preprocessNoob] Applying R/G ratio flip to fix dye bias...

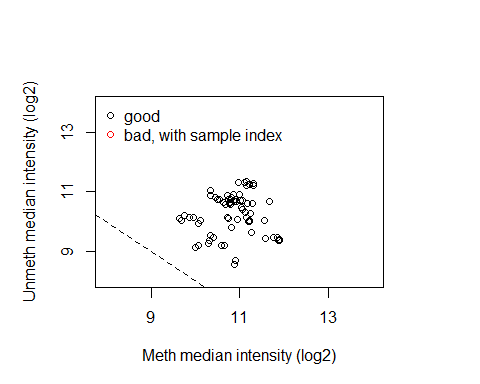


#### Scatterplots of Median Unmeth Signal versus Medain Meth Signal

* preprocessNoob



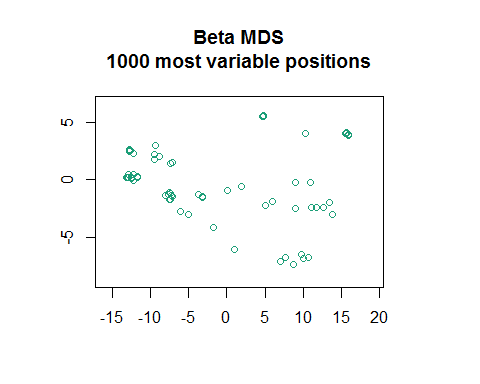
* preprocessIllumina



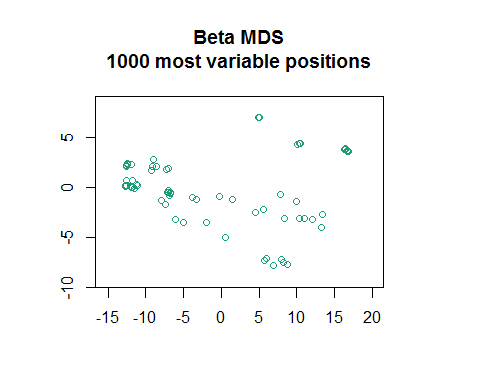
#### Multidimensional Scaling Plot

* preprocessNoob

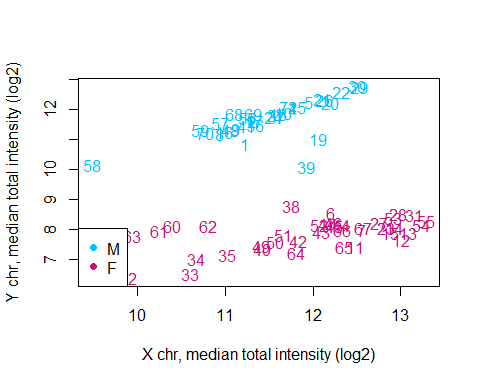
## [1] 30000



* preprocessIllumina



#### Predicting Sex



#### Percent of Probes

* Plate 1337

## 200360140022\_R01C01 200360140022\_R02C01 200360140022\_R03C01   
## 0.9999942 0.9999954 0.9999885   
## 200360140022\_R04C01 200360140022\_R05C01 200360140022\_R06C01   
## 0.9999885 0.9999885 0.8258183   
## 200360140022\_R07C01 200360140022\_R08C01   
## 0.0000000 0.9999977

* Plate 1345

## 200511490070\_R01C01 200511490070\_R02C01 200511490070\_R03C01   
## 0.9999885 0.9999942 0.9999862   
## 200511490070\_R04C01 200511490070\_R05C01 200511490070\_R06C01   
## 0.9999885 0.9999885 0.9999700   
## 200511490070\_R07C01 200511490070\_R08C01 200511490073\_R01C01   
## 0.9999239 0.9998304 0.9999919   
## 200511490073\_R02C01 200511490073\_R03C01 200511490073\_R04C01   
## 0.9999908 0.9999965 0.9999954   
## 200511490073\_R05C01 200511490073\_R06C01 200511490073\_R07C01   
## 0.9999931 0.9999919 0.9999931   
## 200511490073\_R08C01   
## 0.9999931

* Plate 1350

## 200705860031\_R01C01 200705860031\_R02C01 200705860031\_R03C01   
## 0.9999942 0.9999942 0.9999908   
## 200705860031\_R04C01 200705860031\_R05C01 200705860031\_R06C01   
## 0.9999988 0.9999919 0.9999942   
## 200705860031\_R07C01 200705860031\_R08C01   
## 0.9999931 0.9999873

* Plate 1357

## 200357150201\_R01C01 200357150201\_R02C01 200357150201\_R03C01   
## 0.9990356 0.9999735 0.9999942   
## 200357150201\_R04C01 200357150201\_R05C01 200357150201\_R06C01   
## 0.9999954 0.9999873 0.9999919   
## 200357150201\_R07C01 200357150201\_R08C01   
## 0.9999896 0.9999885

* Plate 1360

## 200788240020\_R01C01 200788240020\_R02C01 200788240020\_R03C01   
## 0.9999942 0.9999919 0.9999896   
## 200788240020\_R04C01 200788240020\_R05C01 200788240020\_R06C01   
## 0.9999908 0.9999954 0.9999908   
## 200788240020\_R07C01 200788240020\_R08C01   
## 0.9999942 0.9999954

* Plate 1378

## 200514030126\_R01C01 200514030126\_R02C01 200514030126\_R03C01   
## 0.9996862 0.9999896 0.9999919   
## 200514030126\_R04C01 200514030126\_R05C01 200514030126\_R06C01   
## 0.9999896 0.9999977 0.9999885   
## 200514030126\_R07C01 200514030126\_R08C01   
## 0.9999942 0.9999954

* Plate 1385

## 200516380072\_R01C01 200516380072\_R02C01 200516380072\_R03C01   
## 0.9994613 0.9999815 0.9999885   
## 200516380072\_R04C01 200516380072\_R05C01 200516380072\_R06C01   
## 0.9999896 0.9999919 0.9999954   
## 200516380072\_R07C01 200516380072\_R08C01   
## 0.9999954 0.9999931

* Plate 1387

## 200514040139\_R01C01 200514040139\_R02C01 200514040139\_R03C01   
## 0.9999815 0.9999862 0.9999873   
## 200514040139\_R04C01 200514040139\_R05C01 200514040139\_R06C01   
## 0.9999850 0.9999804 0.9999781   
## 200514040139\_R07C01 200514040139\_R08C01   
## 0.9999562 0.9999377