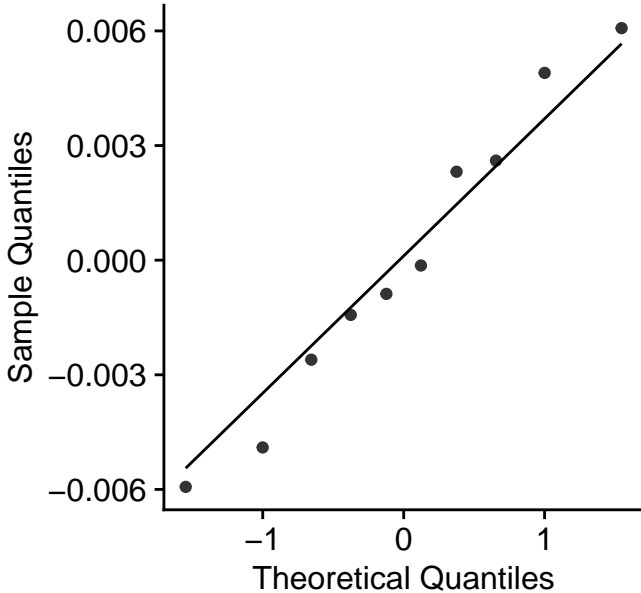
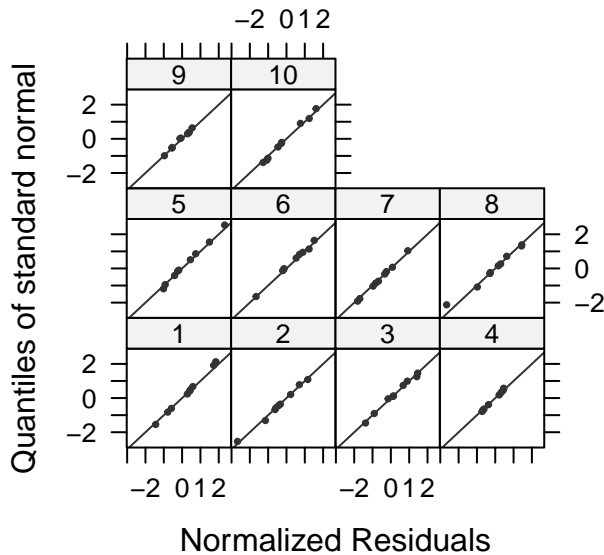
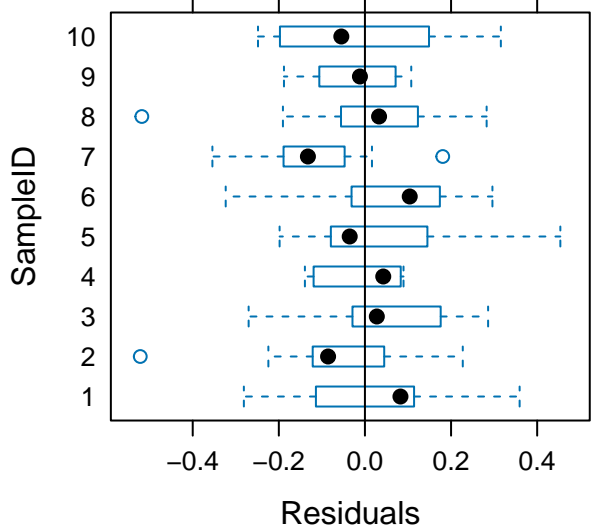
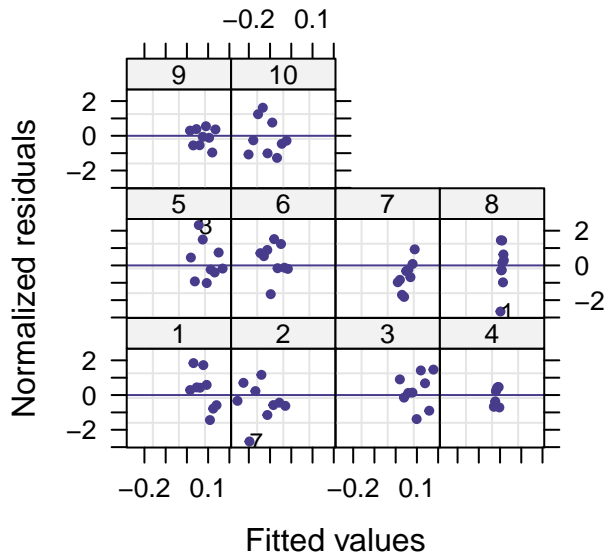
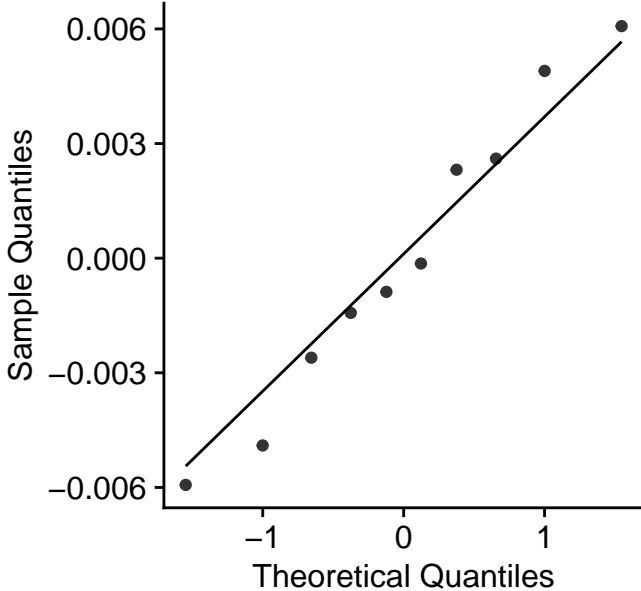
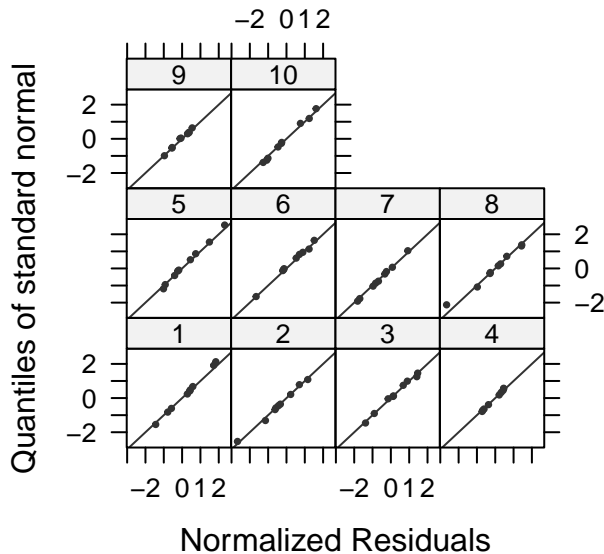
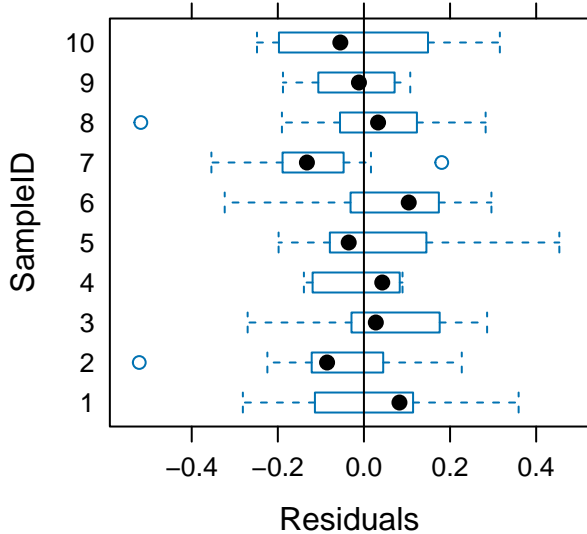
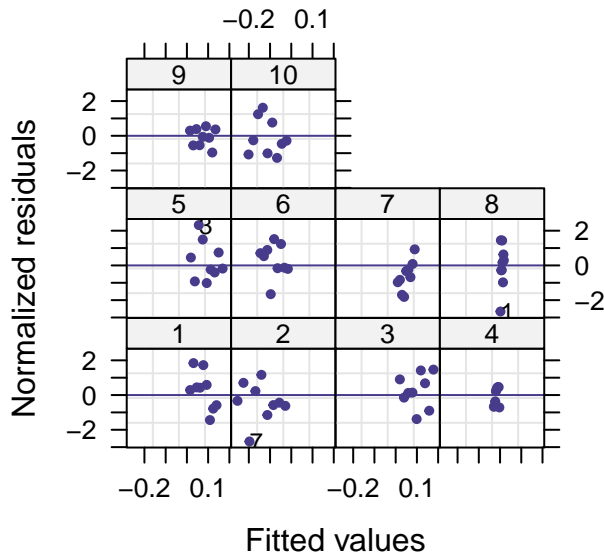
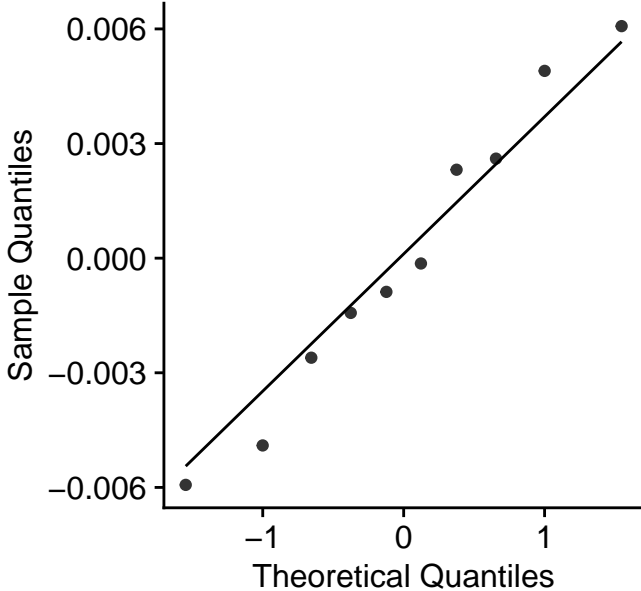
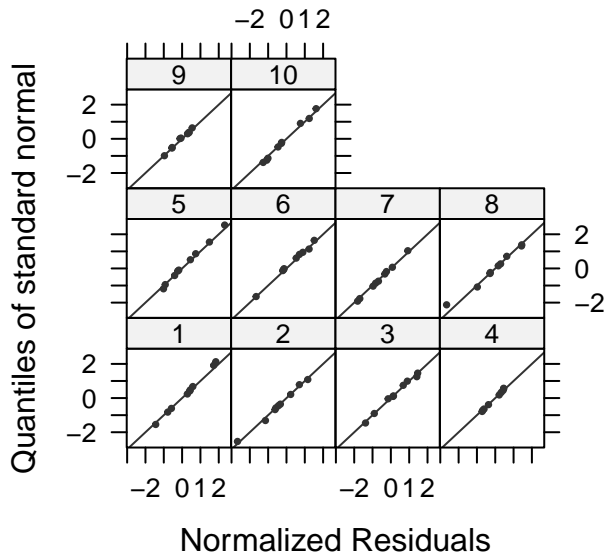
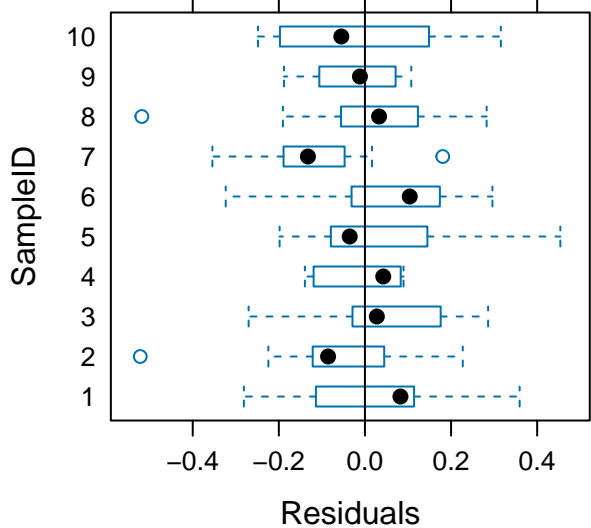
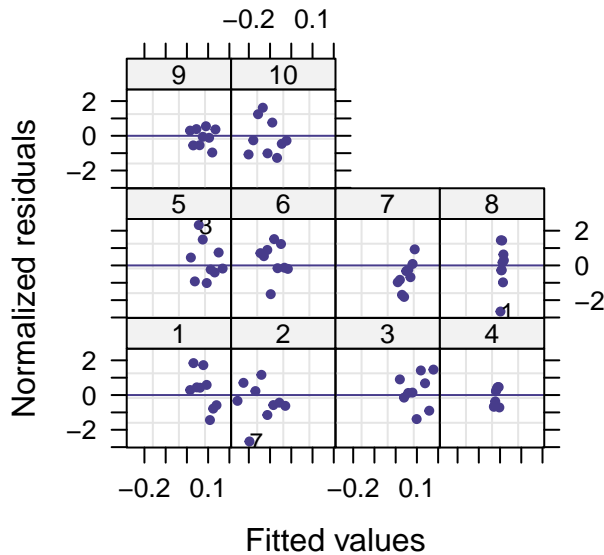
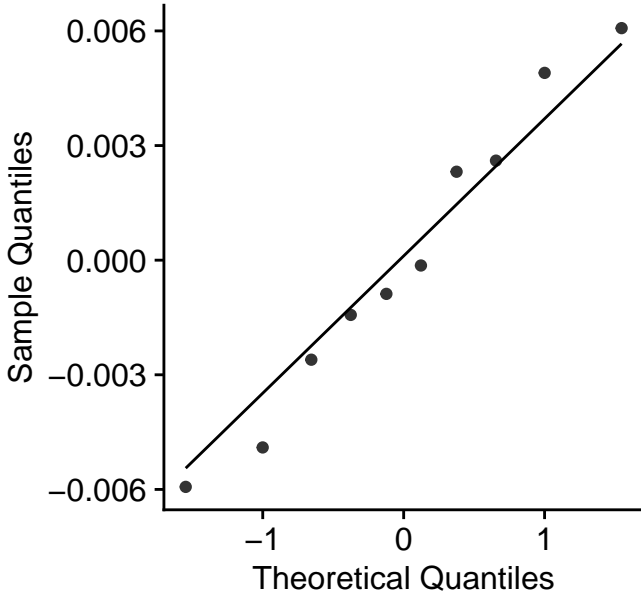
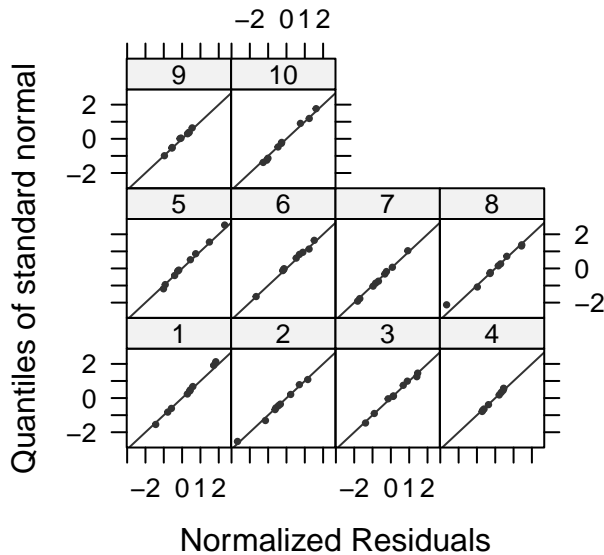
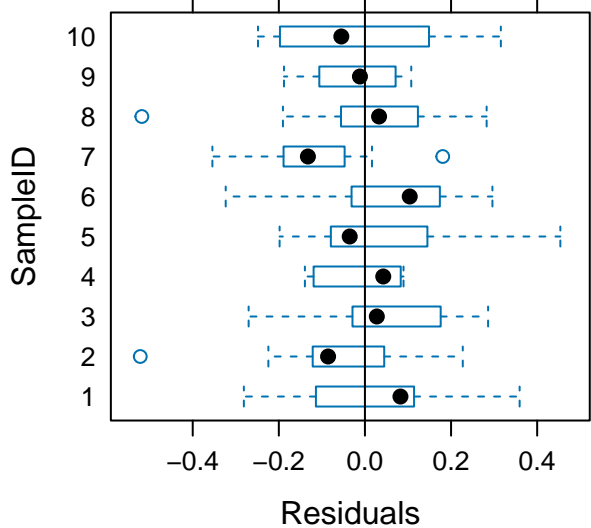
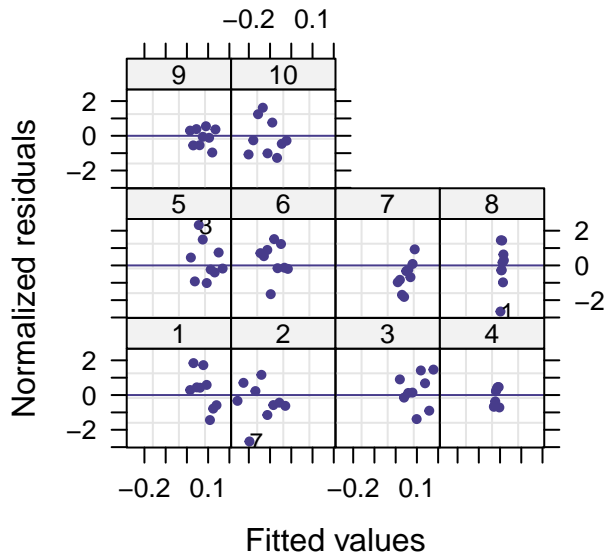
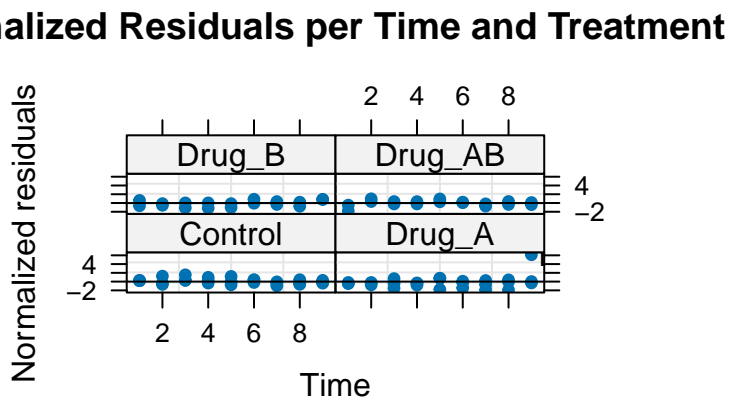
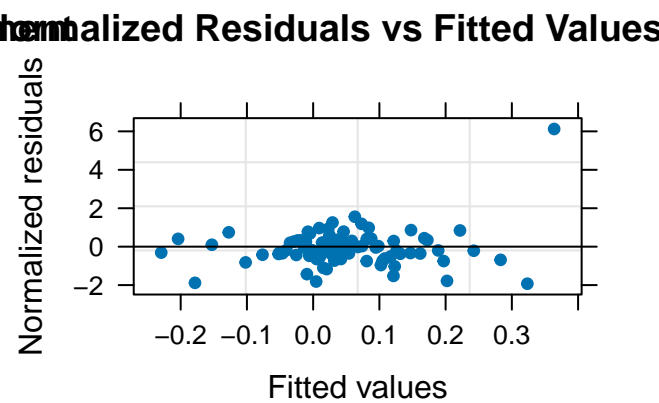
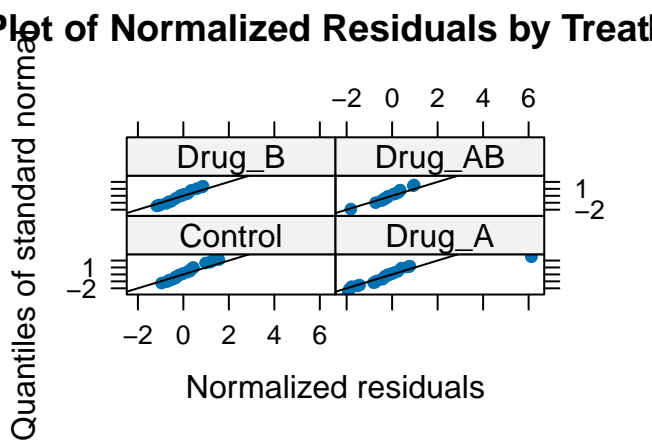
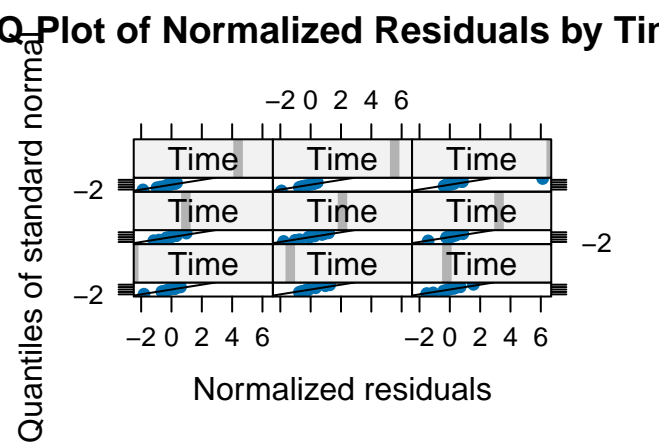
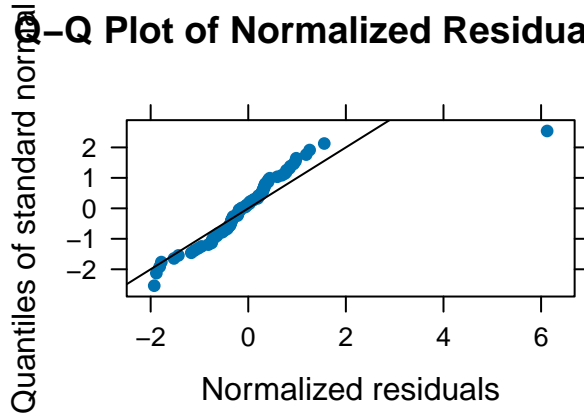


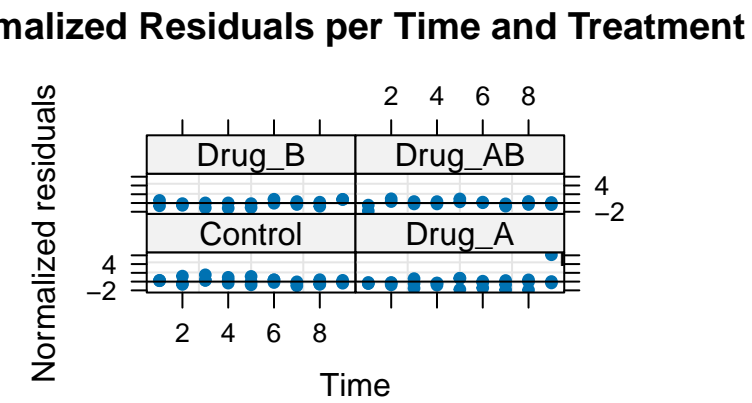
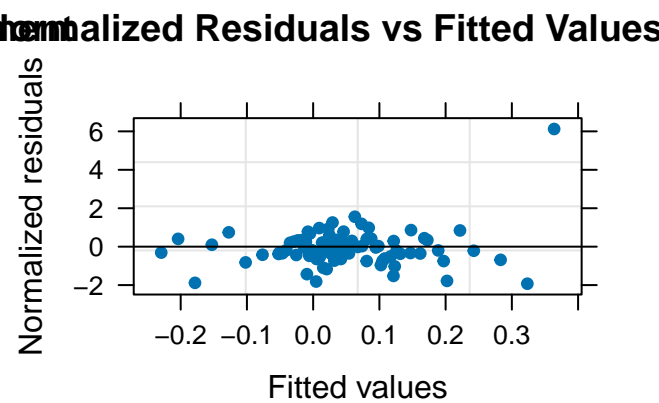
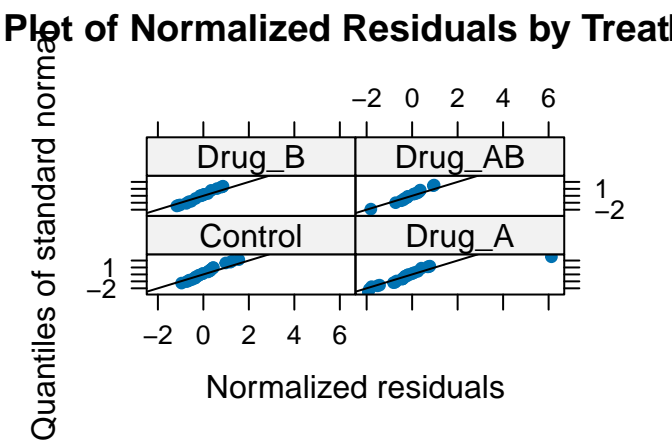
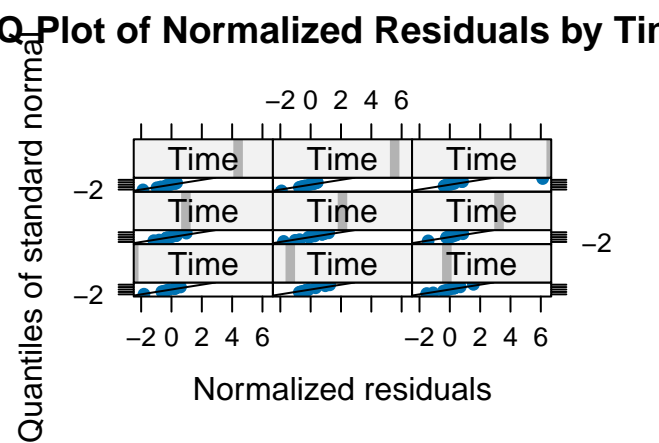
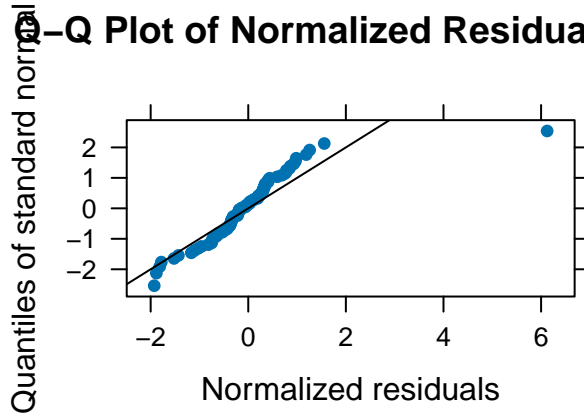
**Normal Q-Q Plot of Random Effects****Normal Q-Q Plot of Normalized Residuals by Sample****Raw Residuals by Sample****Normalized Residuals vs Fitted Values by Sample**

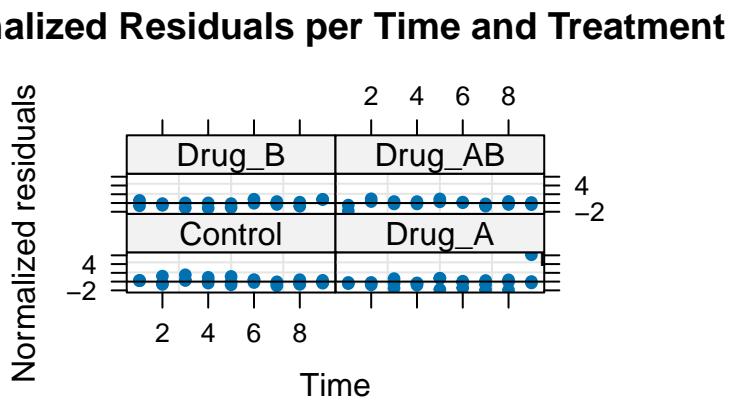
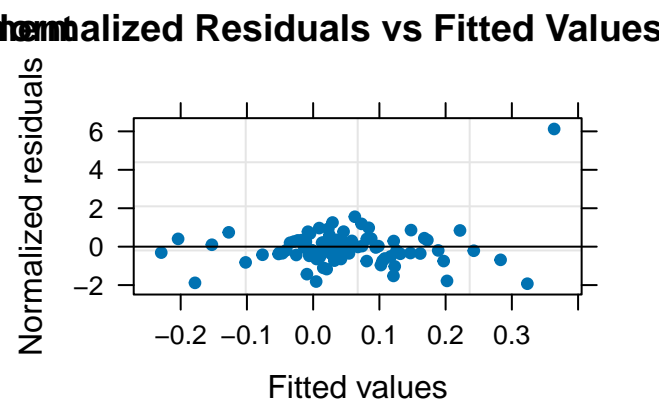
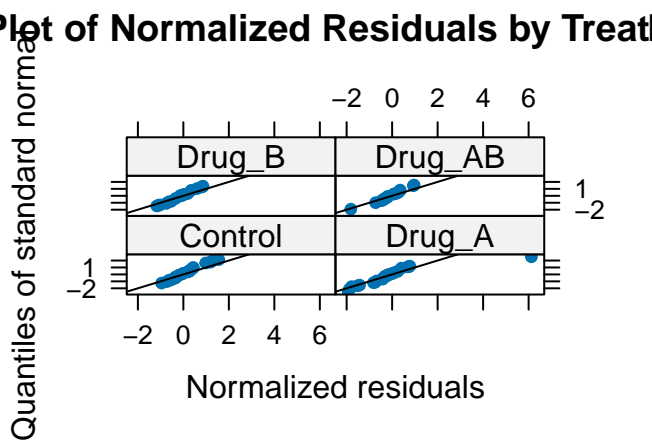
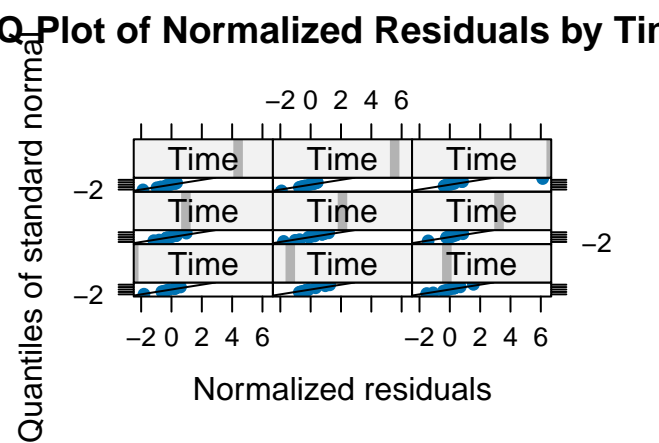
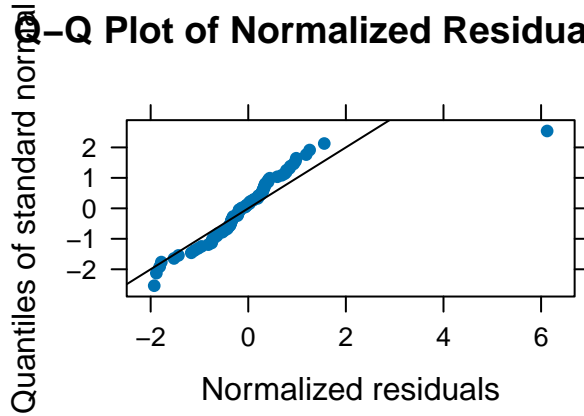
**Normal Q-Q Plot of Random Effects****Normal Q-Q Plot of Normalized Residuals by Sample****Raw Residuals by Sample****Normalized Residuals vs Fitted Values by Sample**

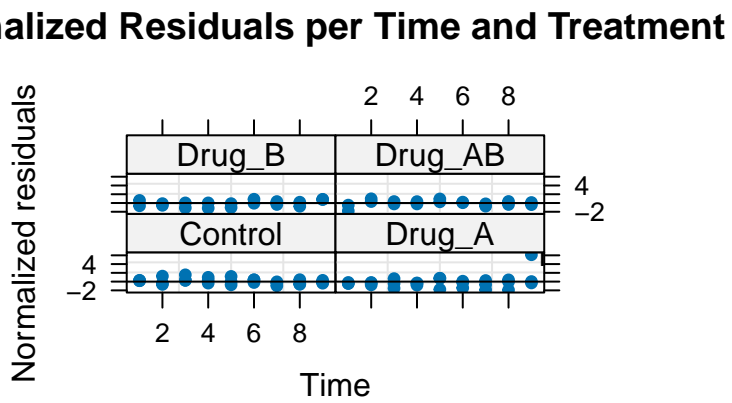
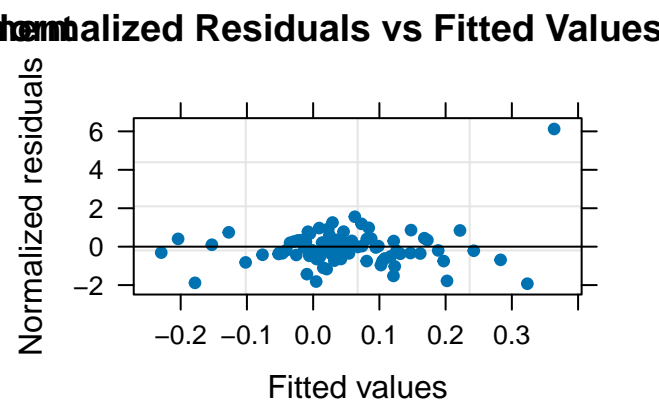
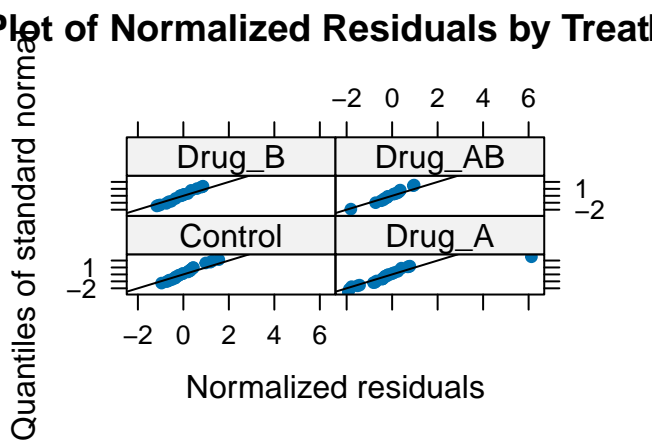
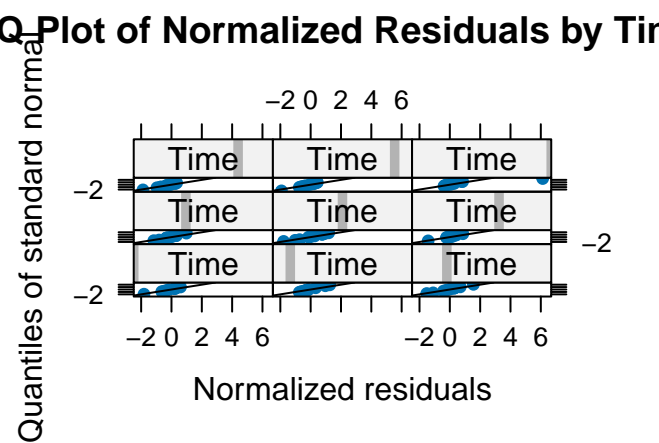
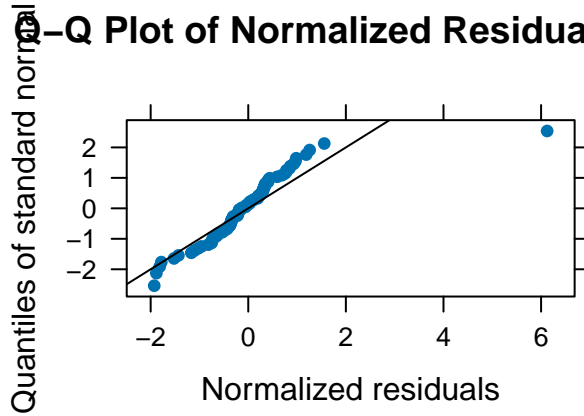
**Normal Q-Q Plot of Random Effects****Normal Q-Q Plot of Normalized Residuals by Sample****Raw Residuals by Sample****Normalized Residuals vs Fitted Values by Sample**

**Normal Q-Q Plot of Random Effects****Normal Q-Q Plot of Normalized Residuals by Sample****Raw Residuals by Sample****Normalized Residuals vs Fitted Values by Sample**







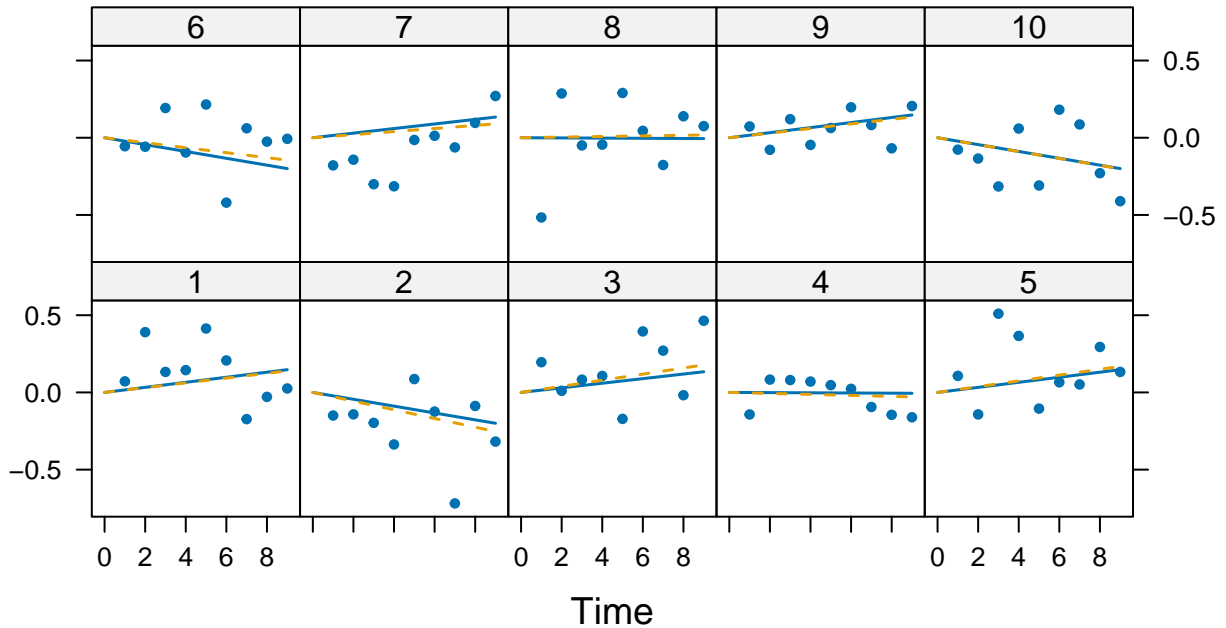




# Observed and Predicted Values by Time

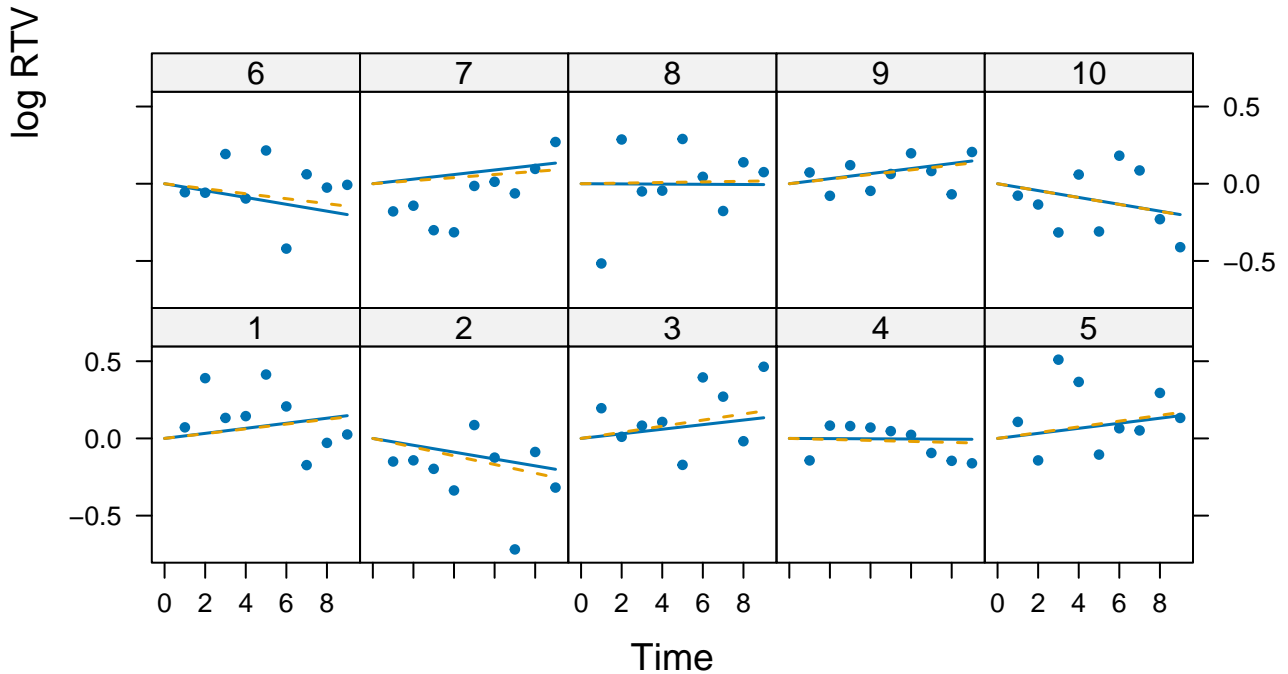
— Marginal      - - - Subject-specific

log RTV



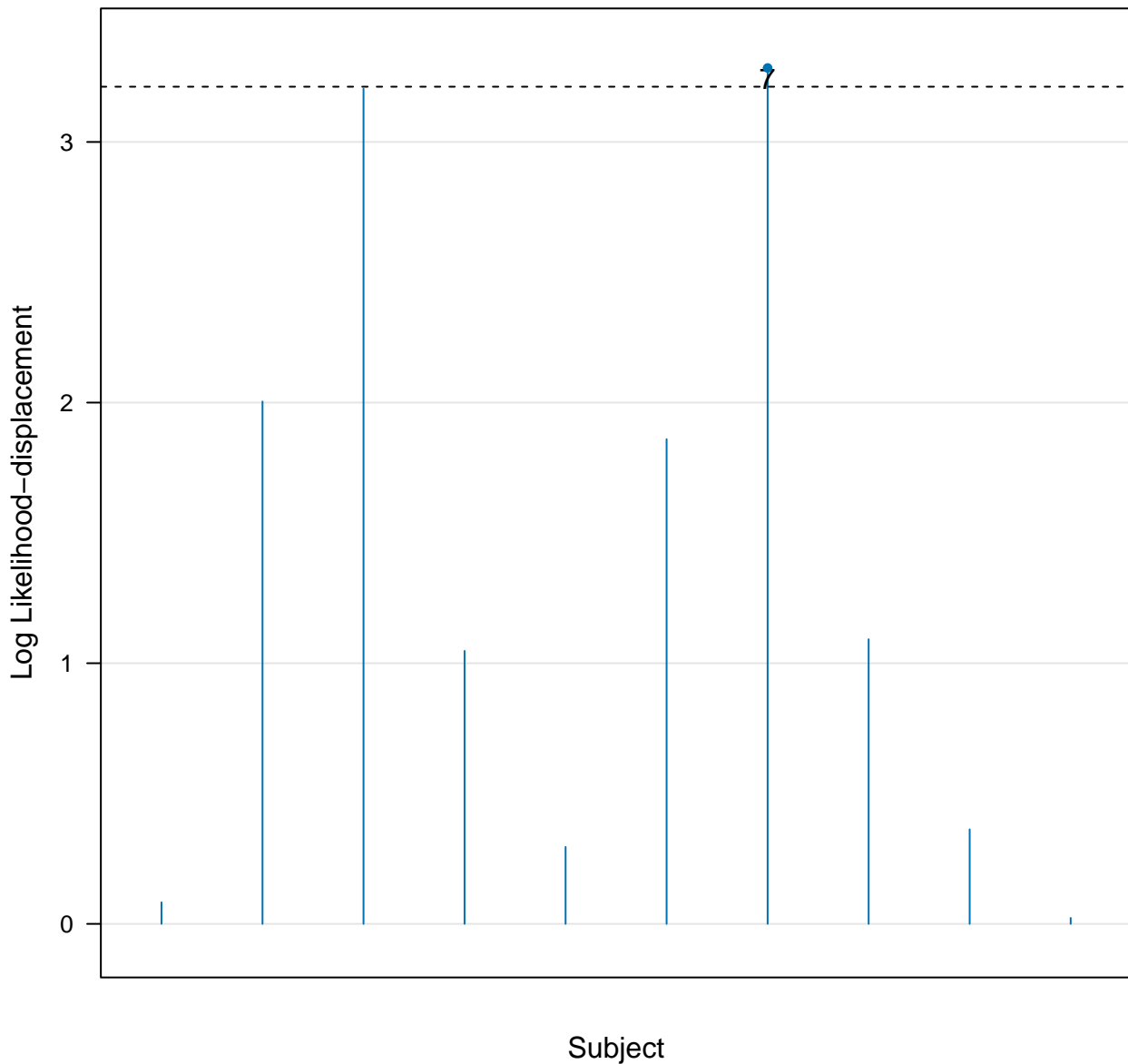
# Observed and Predicted Values by Time

— Marginal      - - - Subject-specific



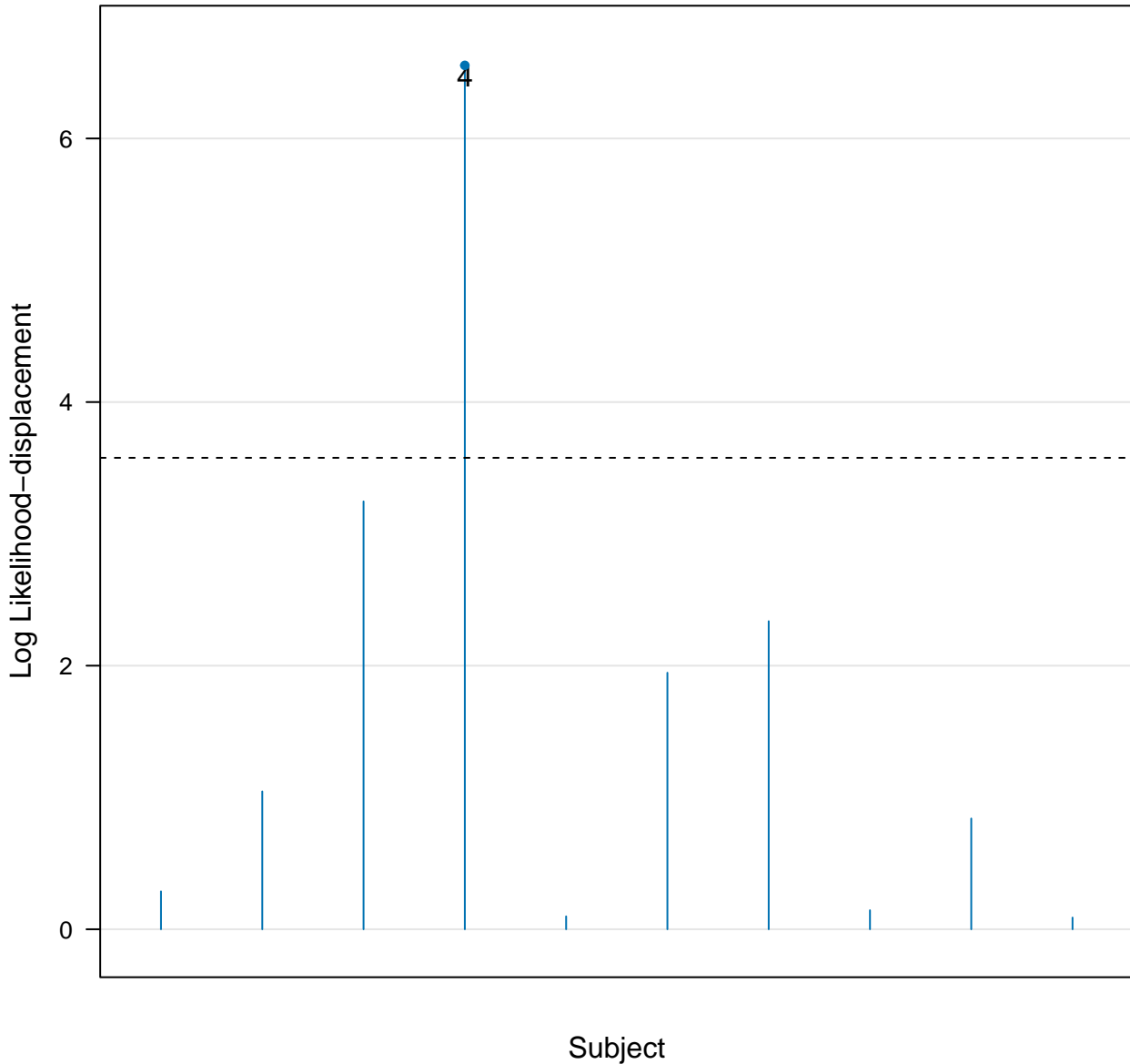
# Log Likelihood-displacement values vs Subjects rank

----- logLik displacement threshold: 3.212



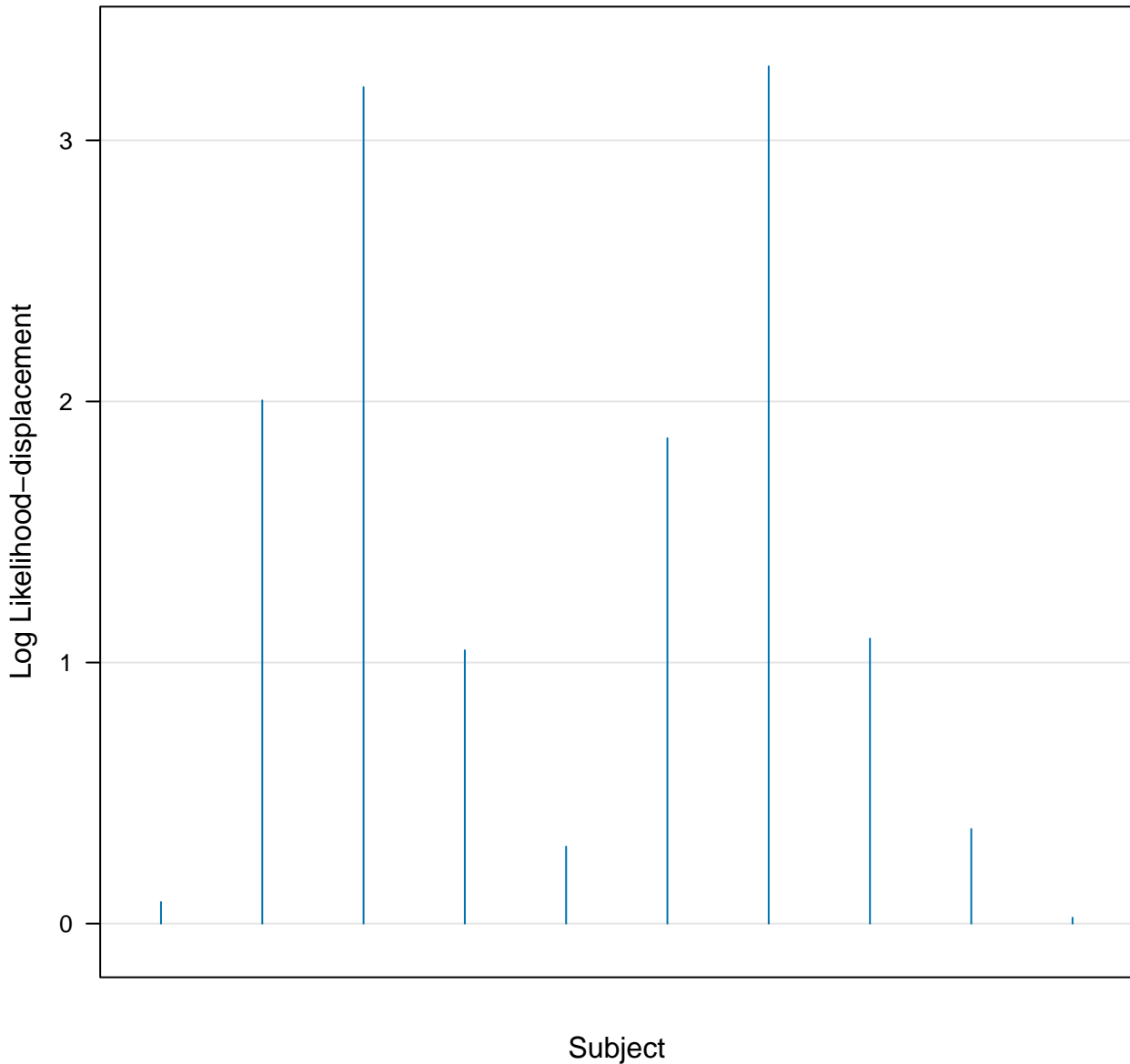
# Log Likelihood-displacement values vs Subjects rank

----- logLik displacement threshold: 3.577



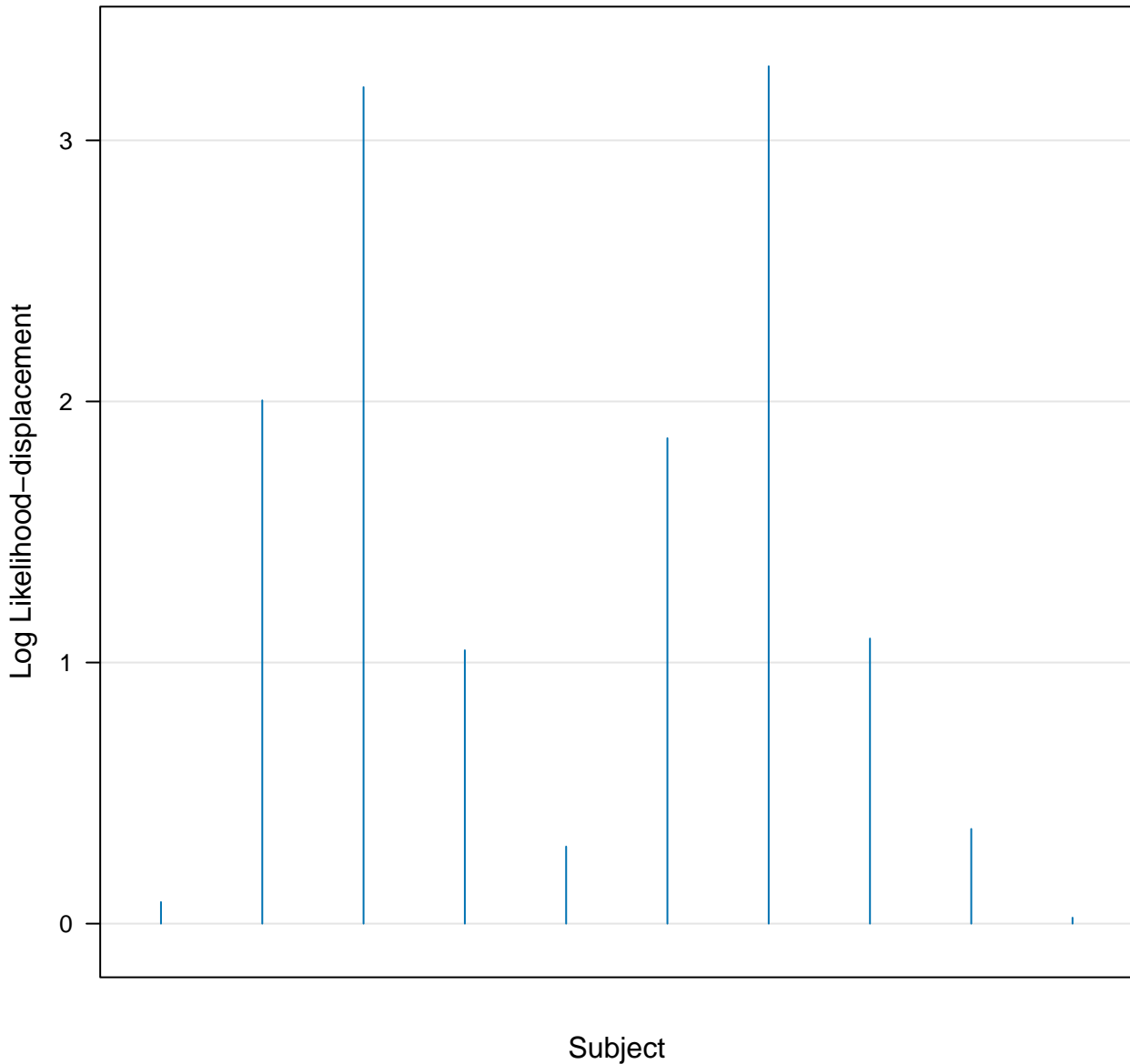
# Log Likelihood–displacement values vs Subjects rank

----- logLik displacement threshold: 1000



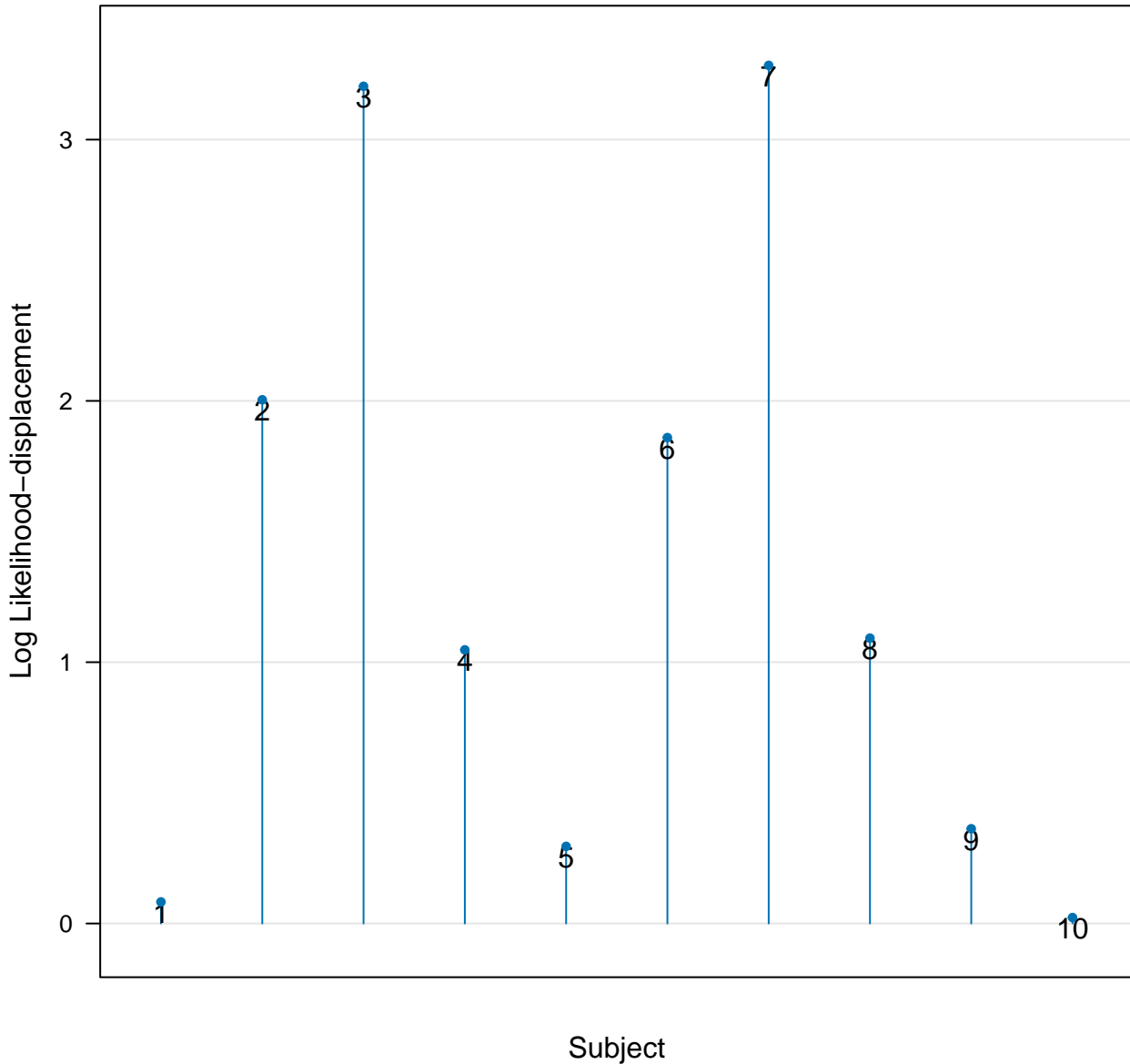
# Log Likelihood–displacement values vs Subjects rank

----- logLik displacement threshold: 1000



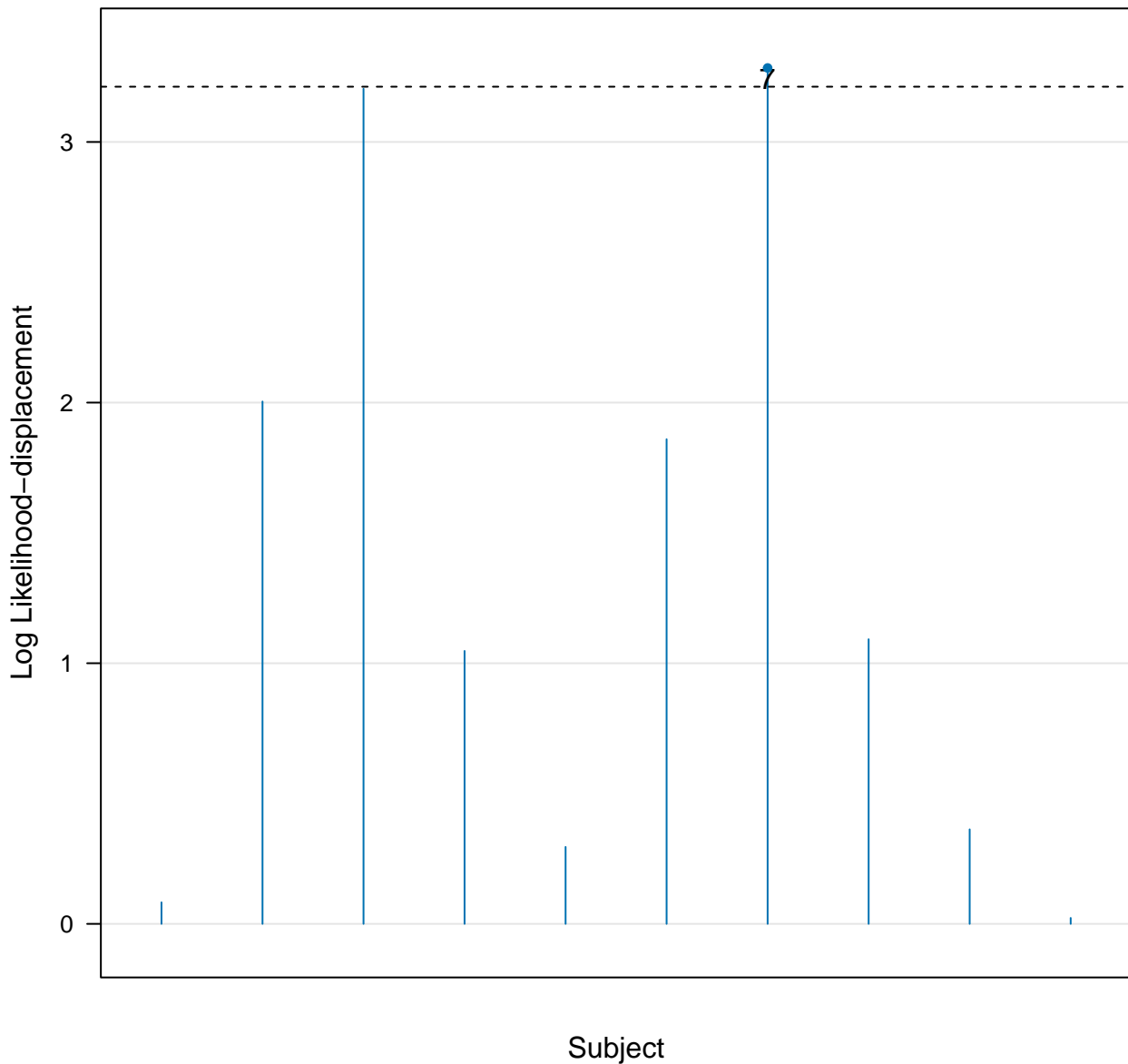
# Log Likelihood–displacement values vs Subjects rank

----- logLik displacement threshold: -1000



# Log Likelihood-displacement values vs Subjects rank

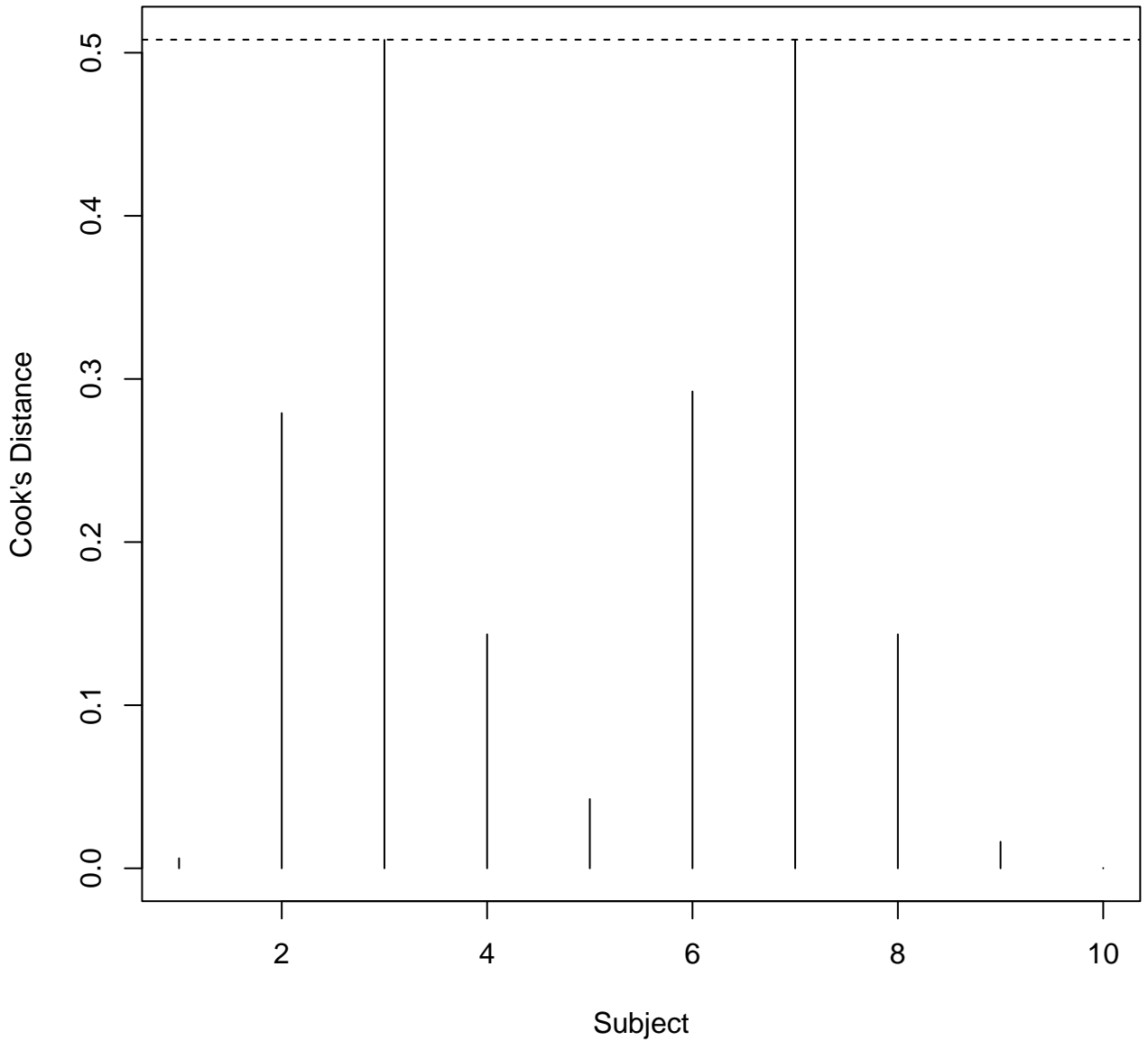
----- logLik displacement threshold: 3.212





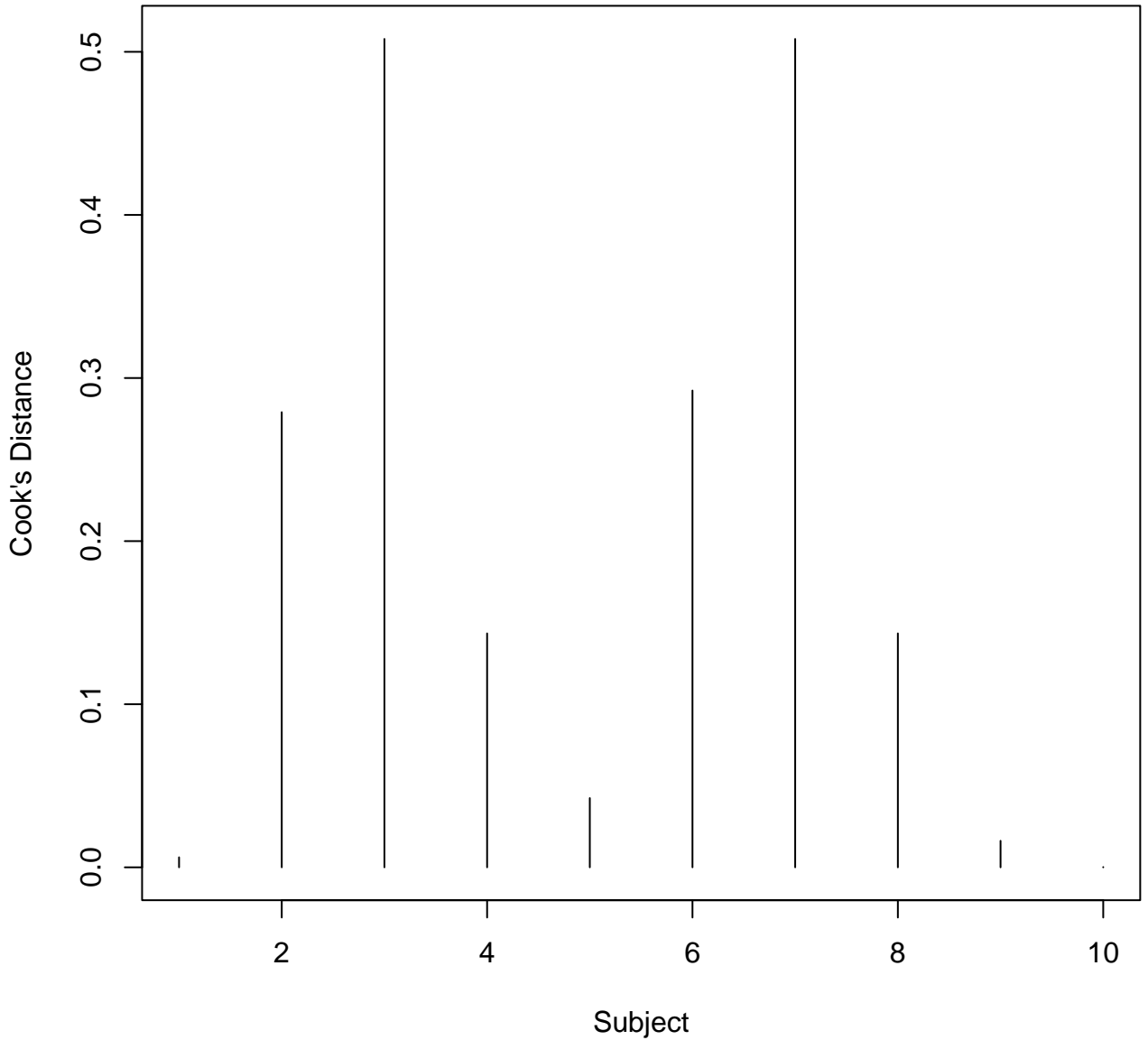
# Cook's Distance vs Subject

--- 0.508



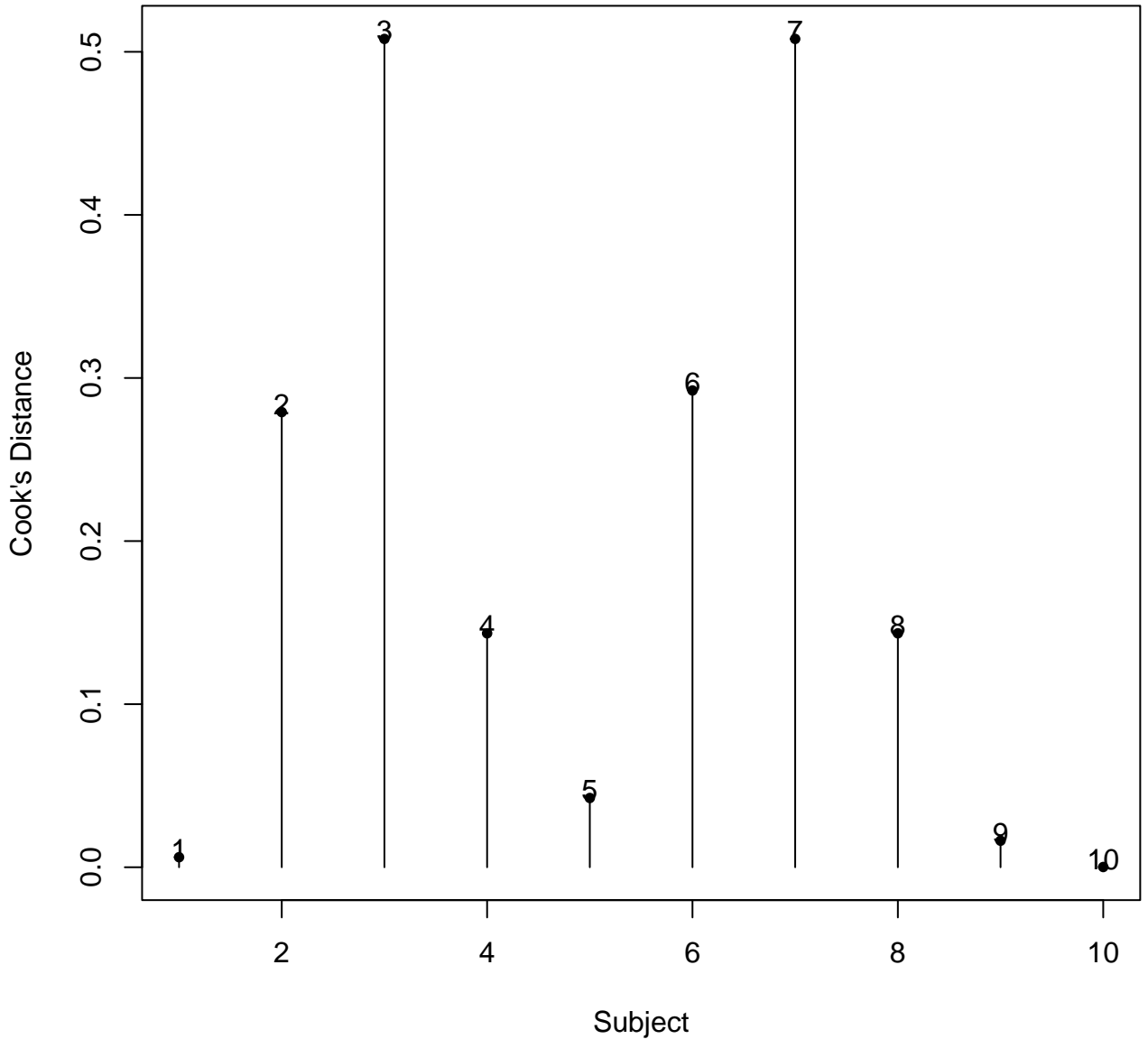
# Cook's Distance vs Subject

--- 10



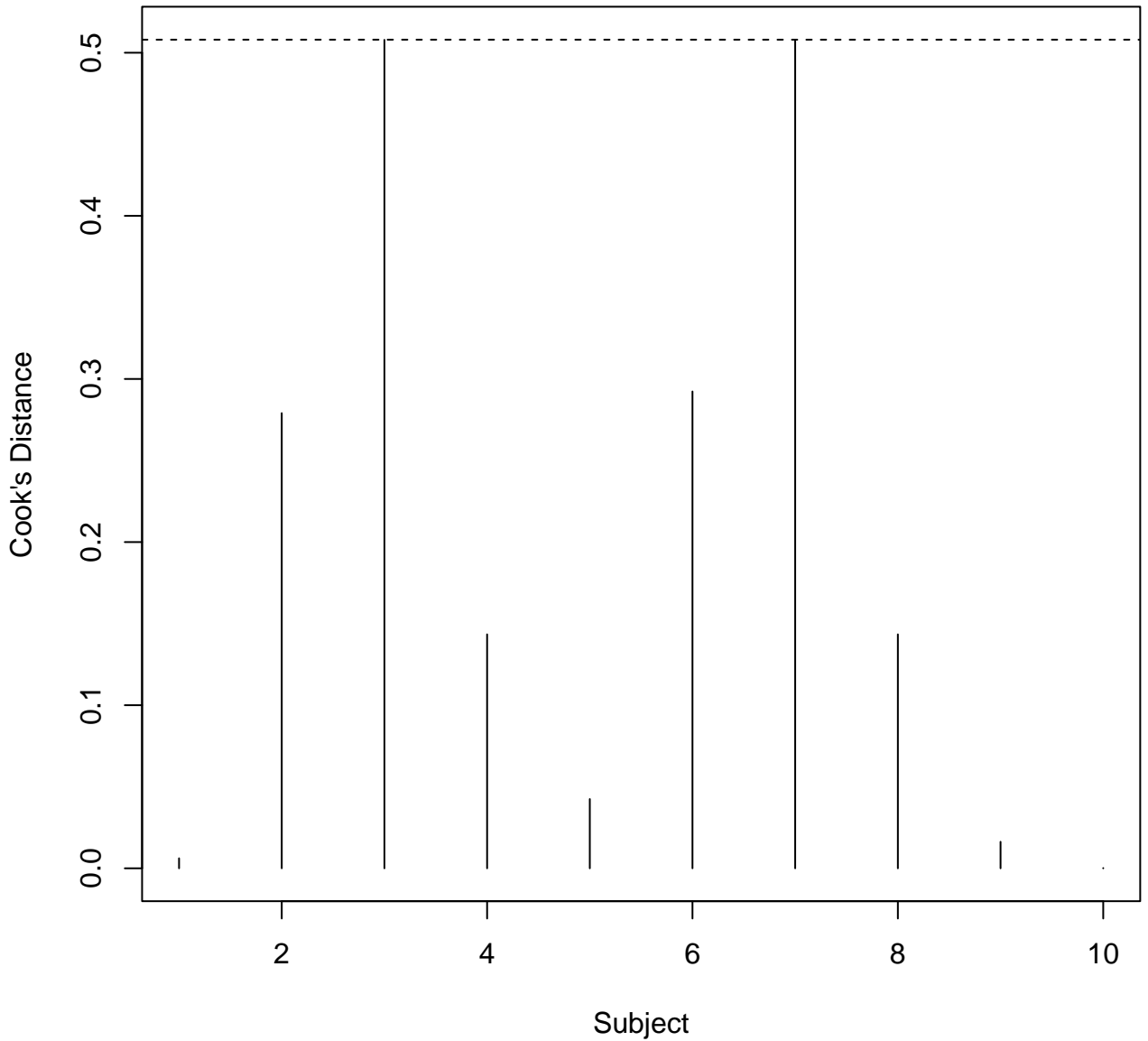
# Cook's Distance vs Subject

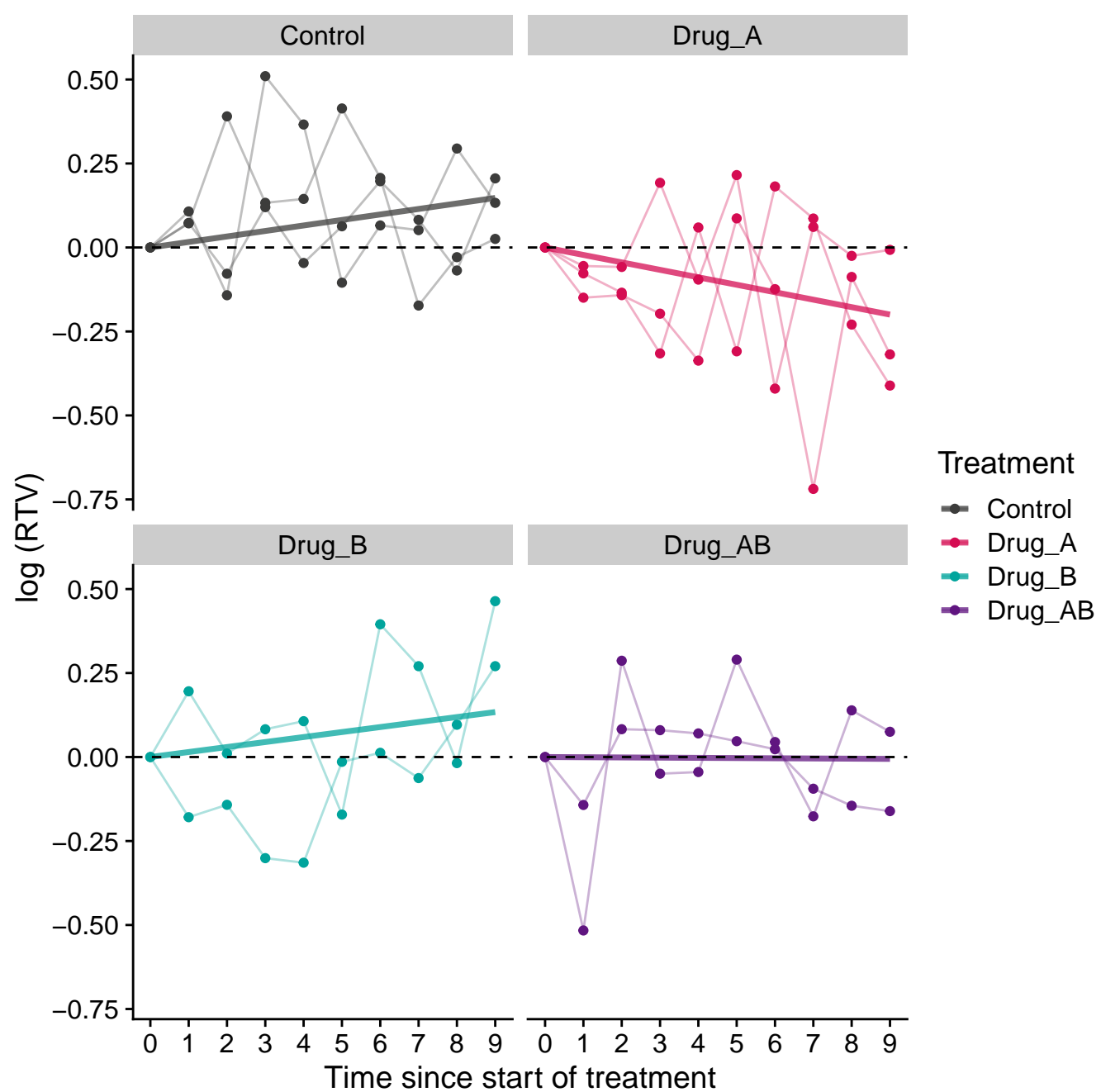
--- -10

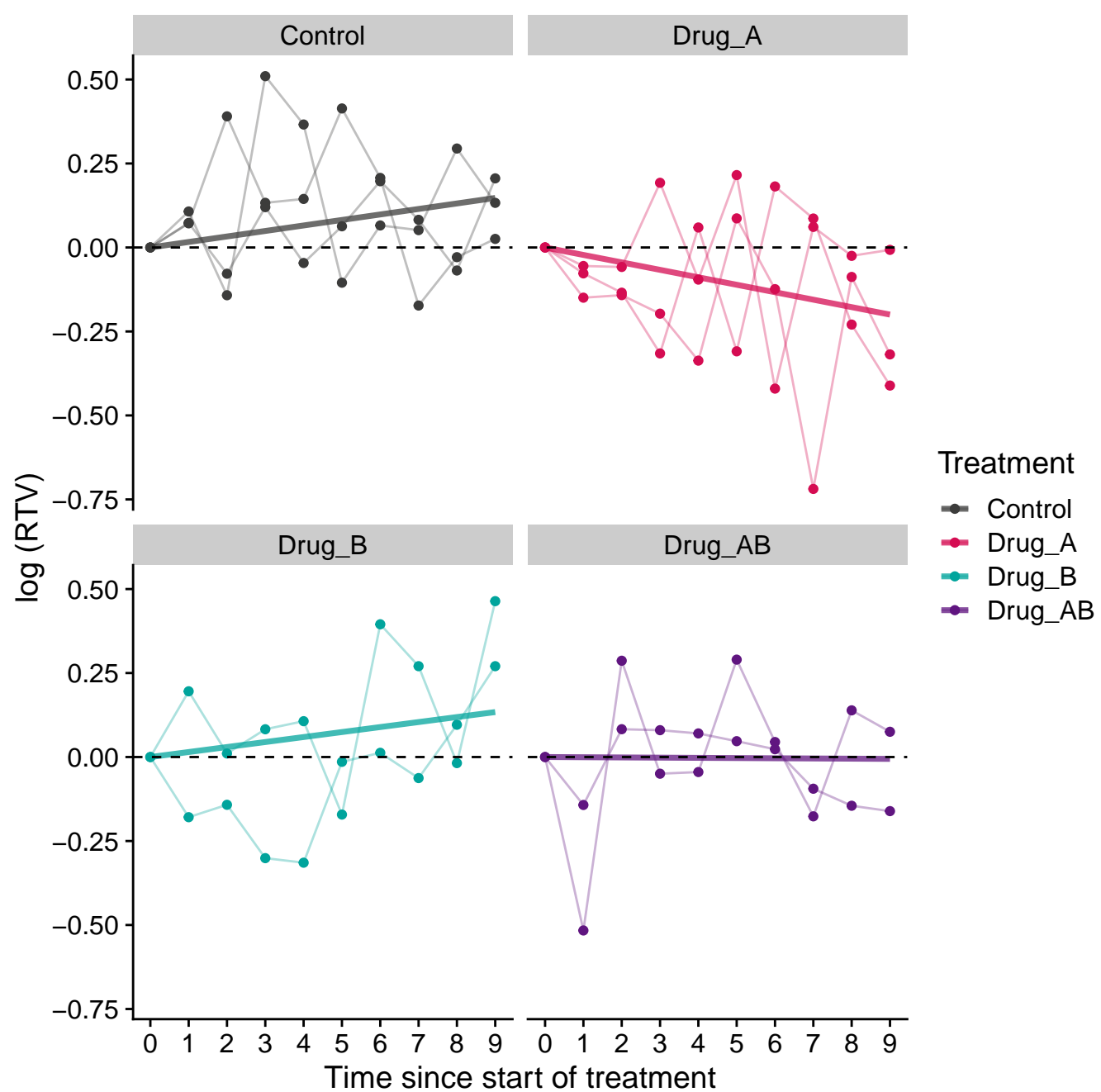


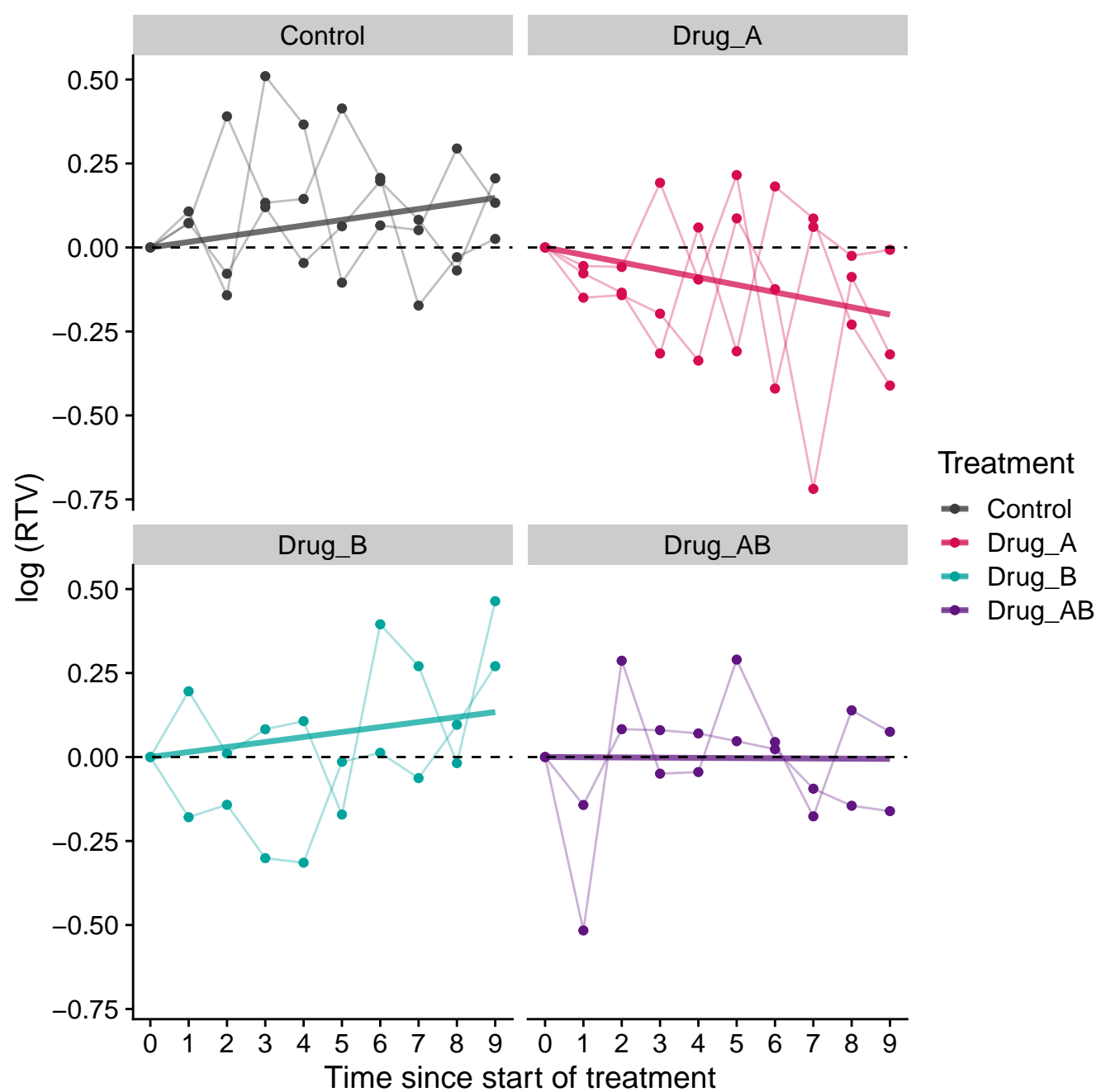
# Cook's Distance vs Subject

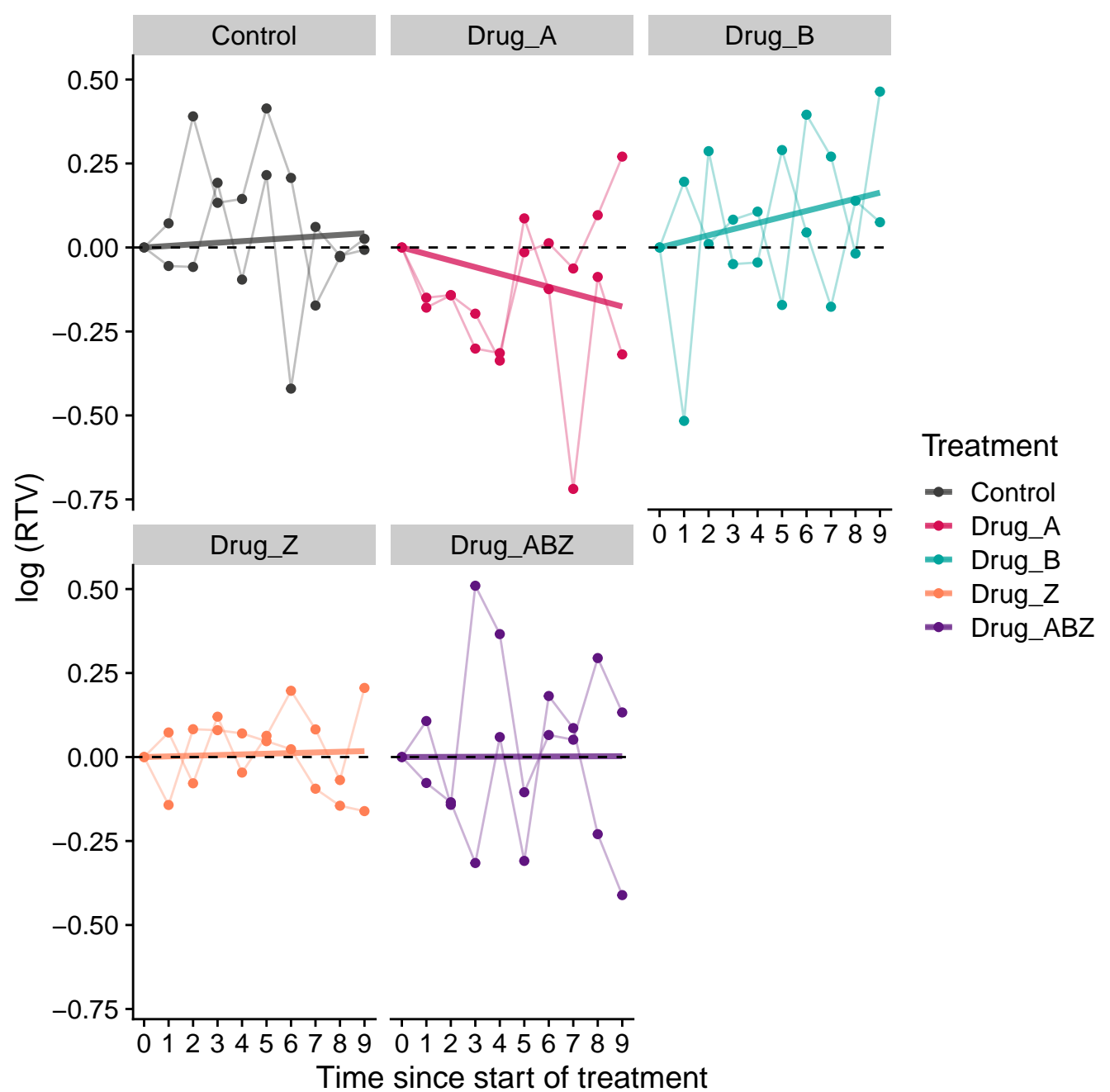
--- 0.508



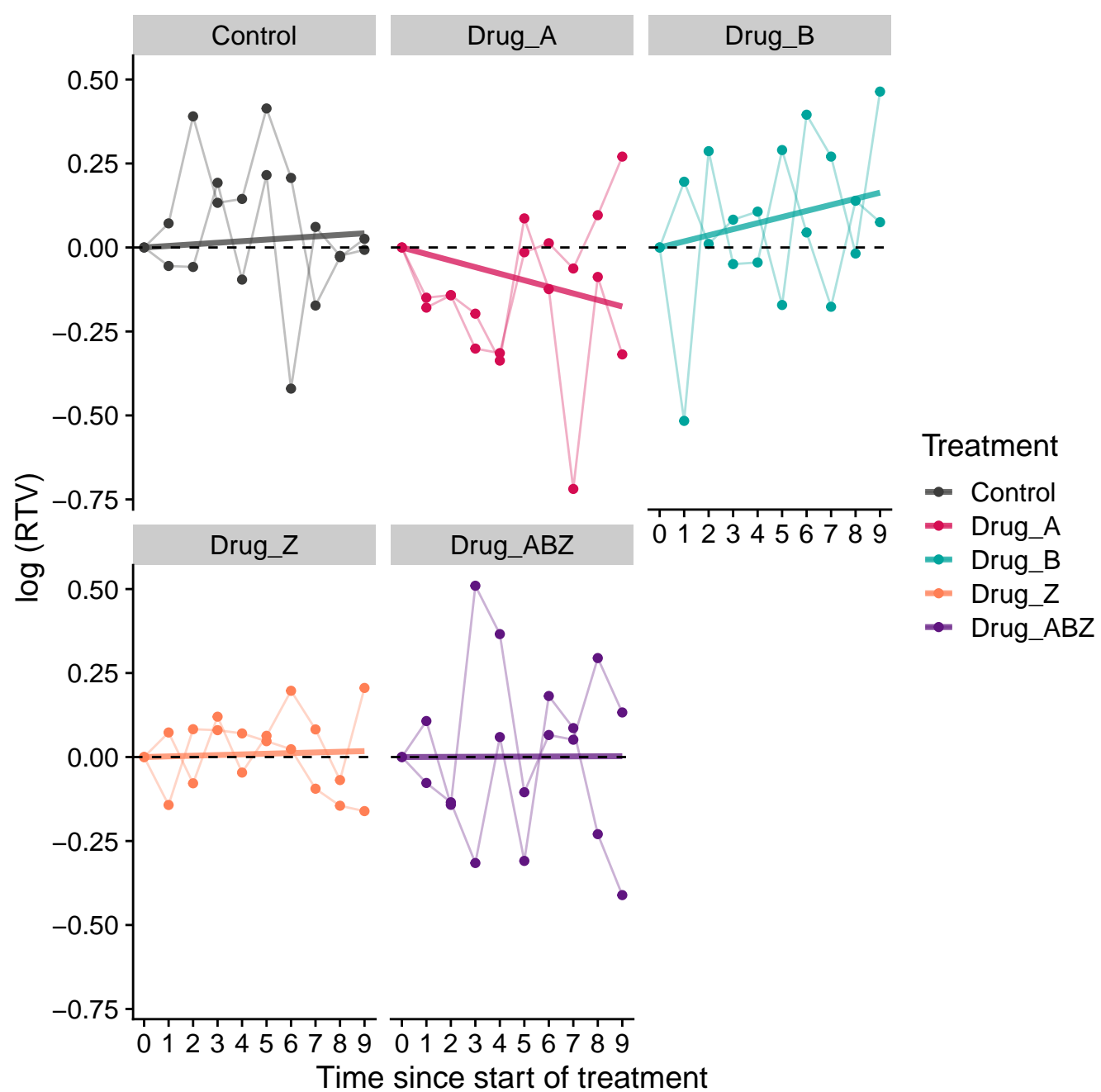




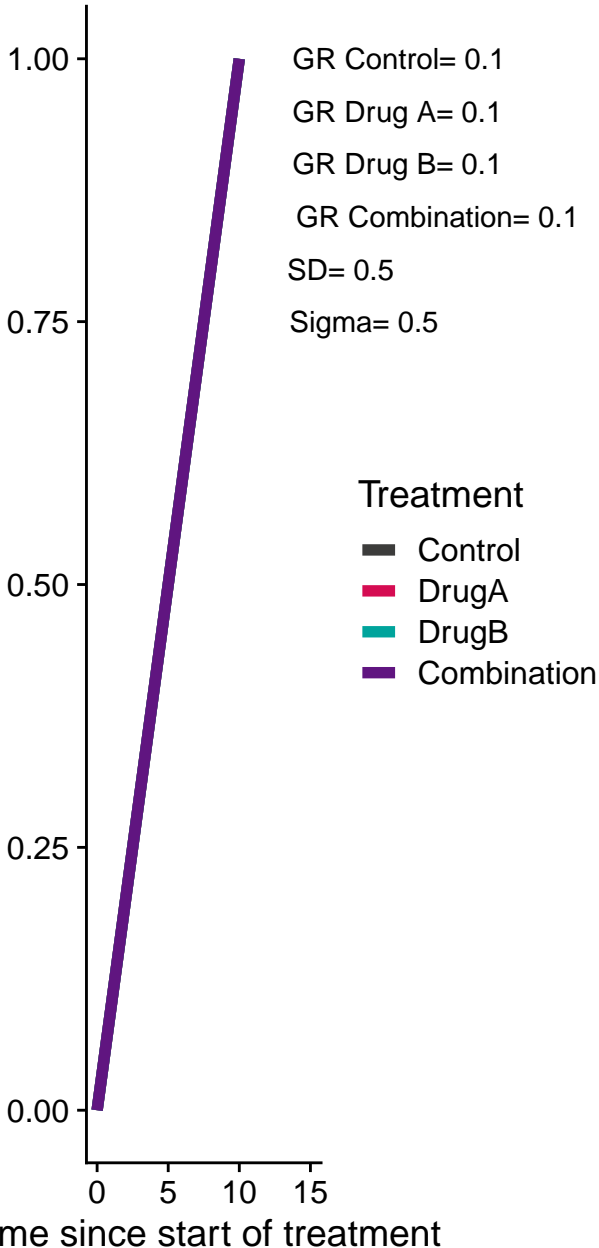




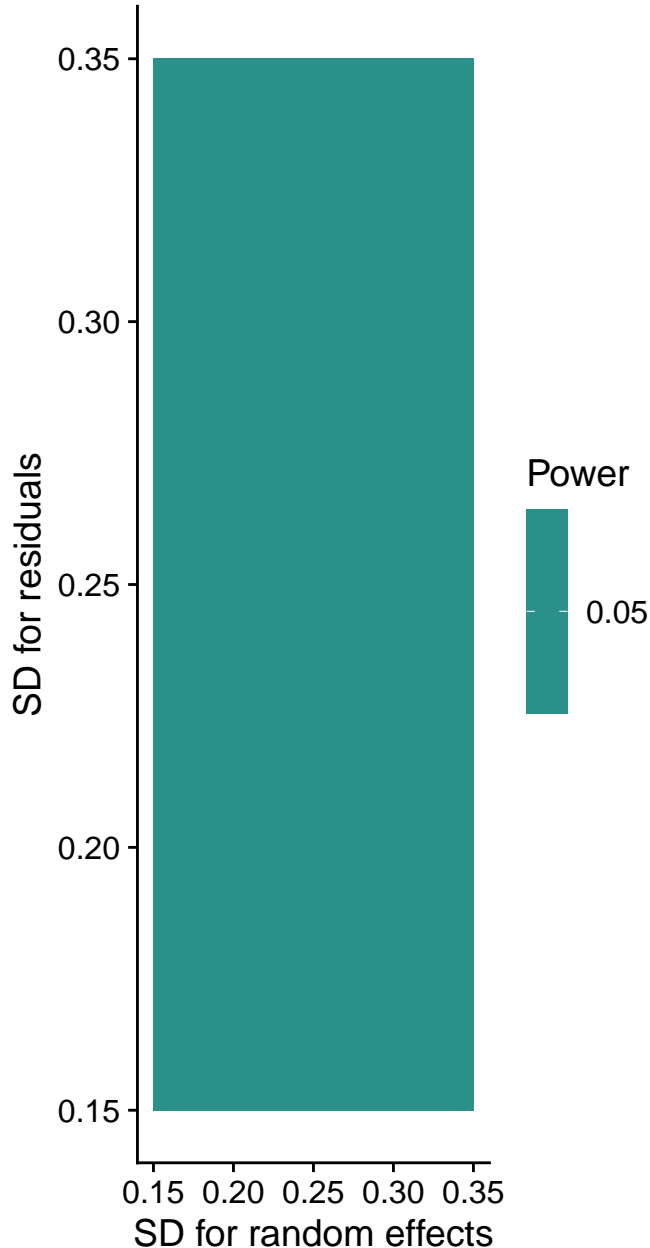




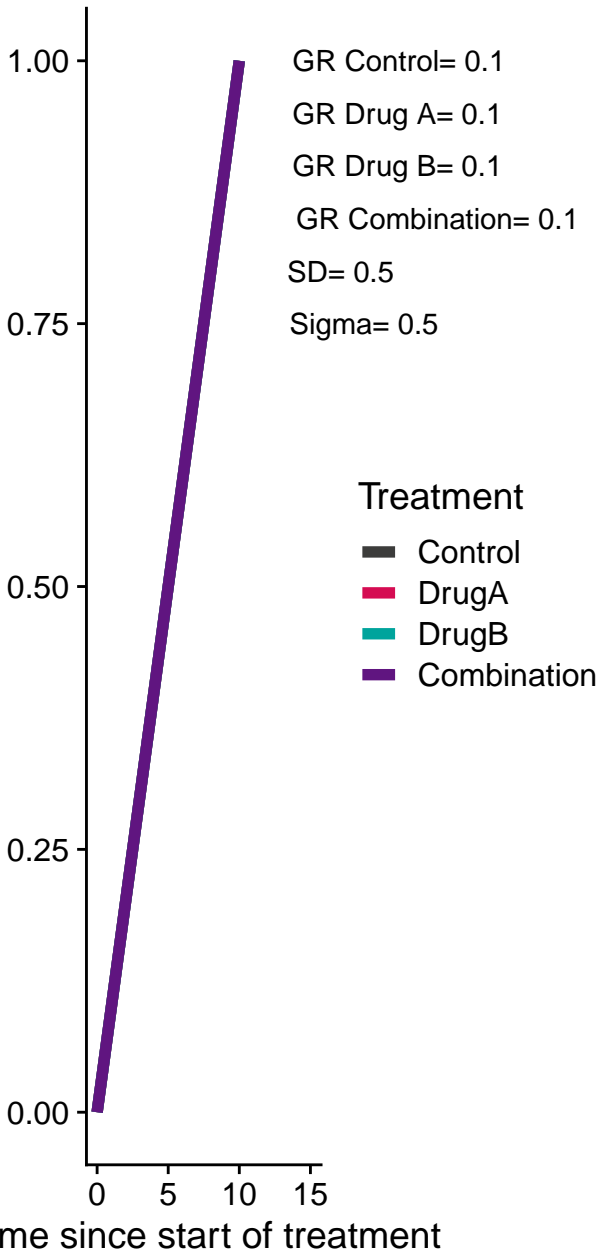
## Exemplary Data



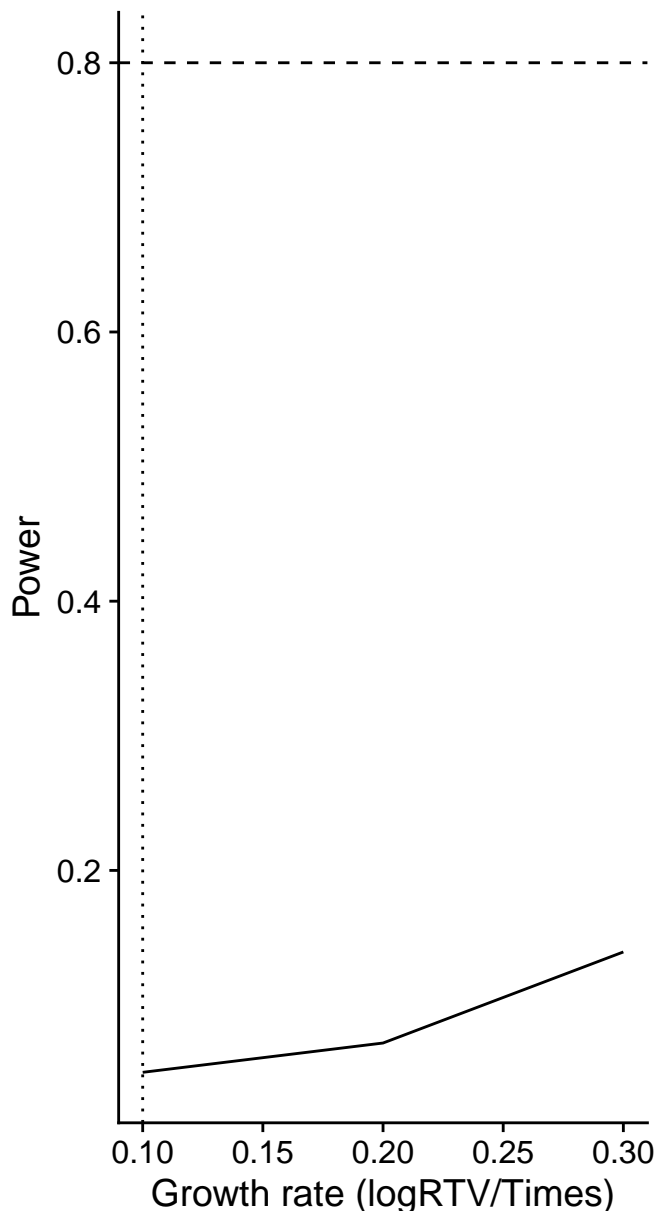
## Power for Bliss



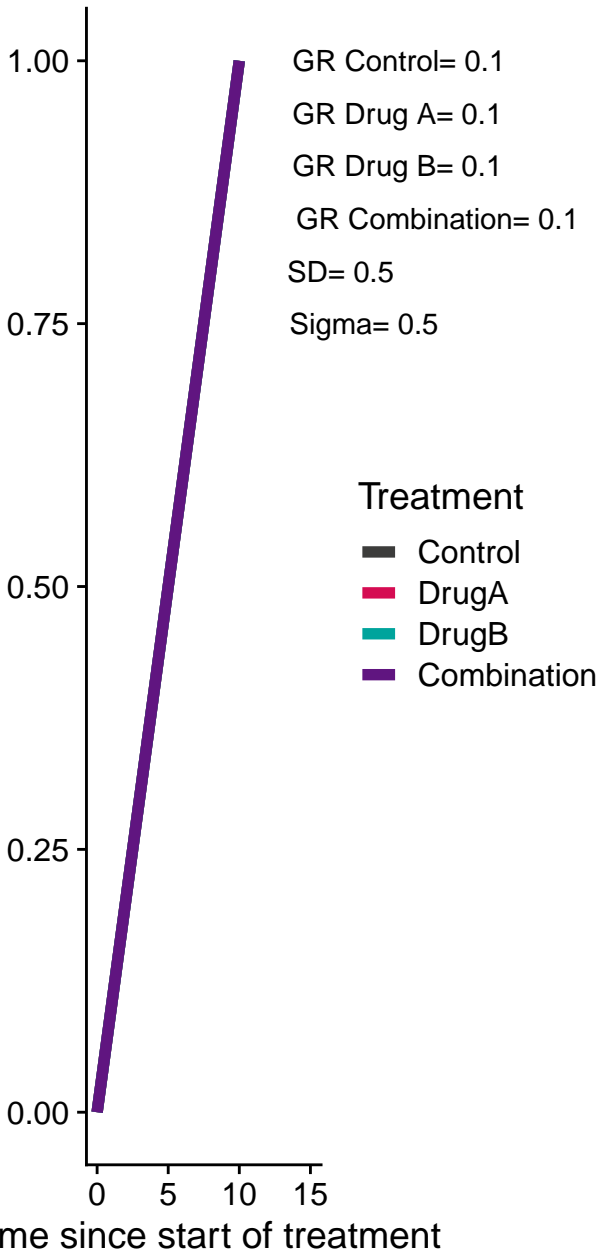
## Exemplary Data



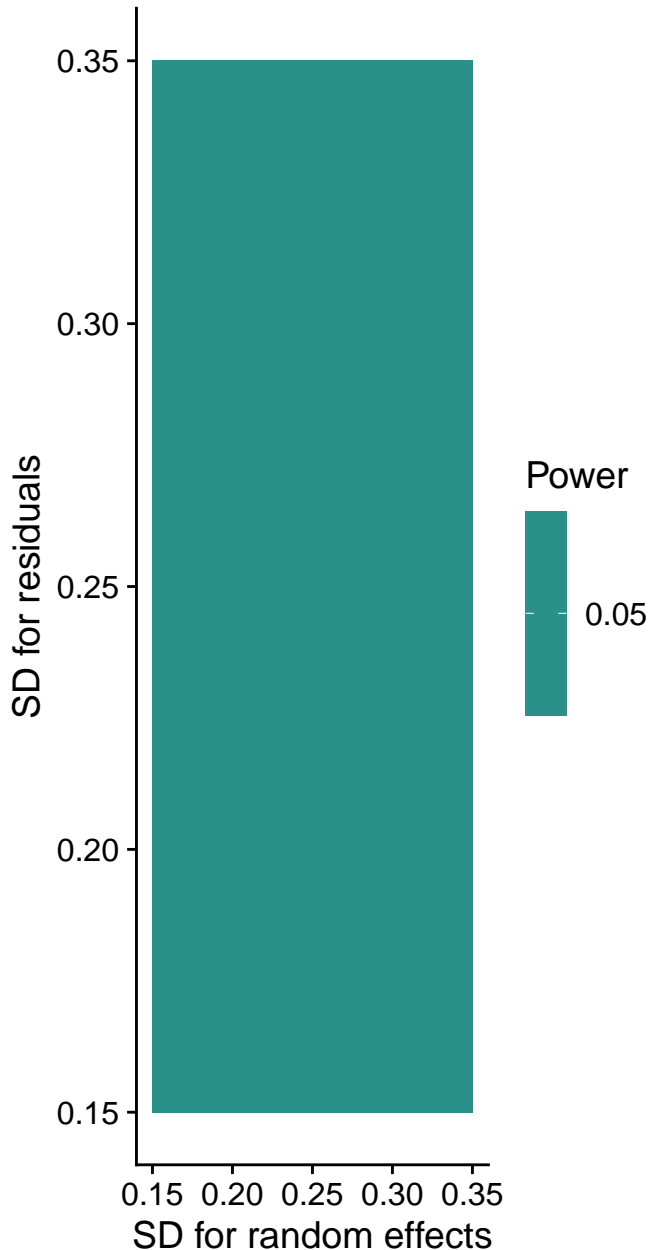
## Power across growth rate values for combination treatment



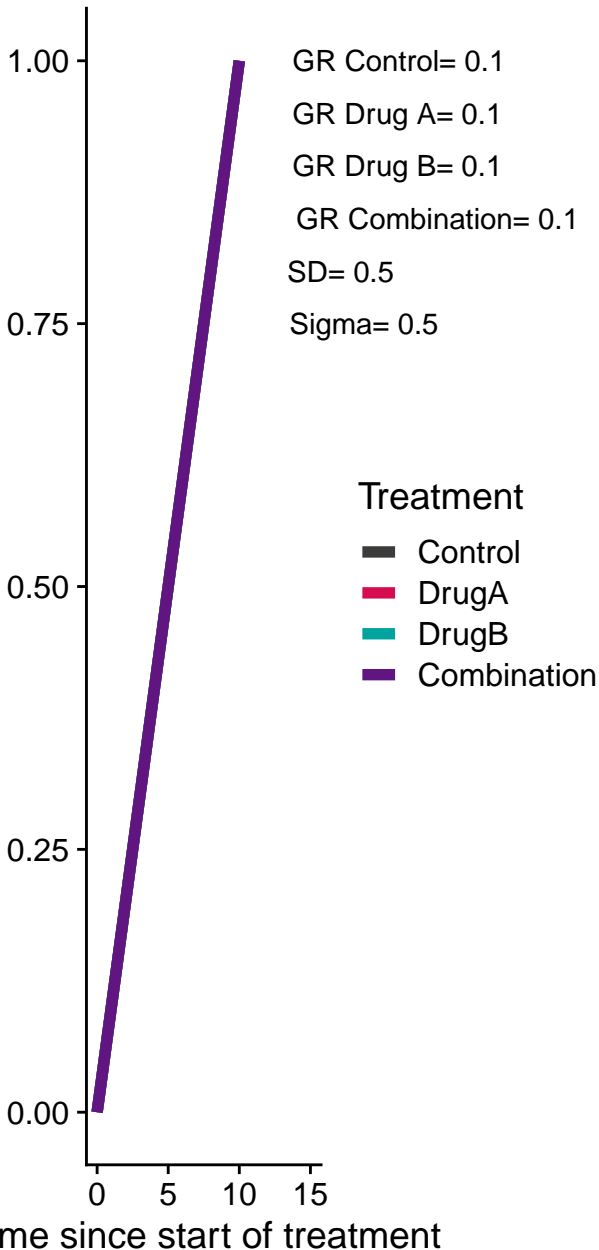
## Exemplary Data



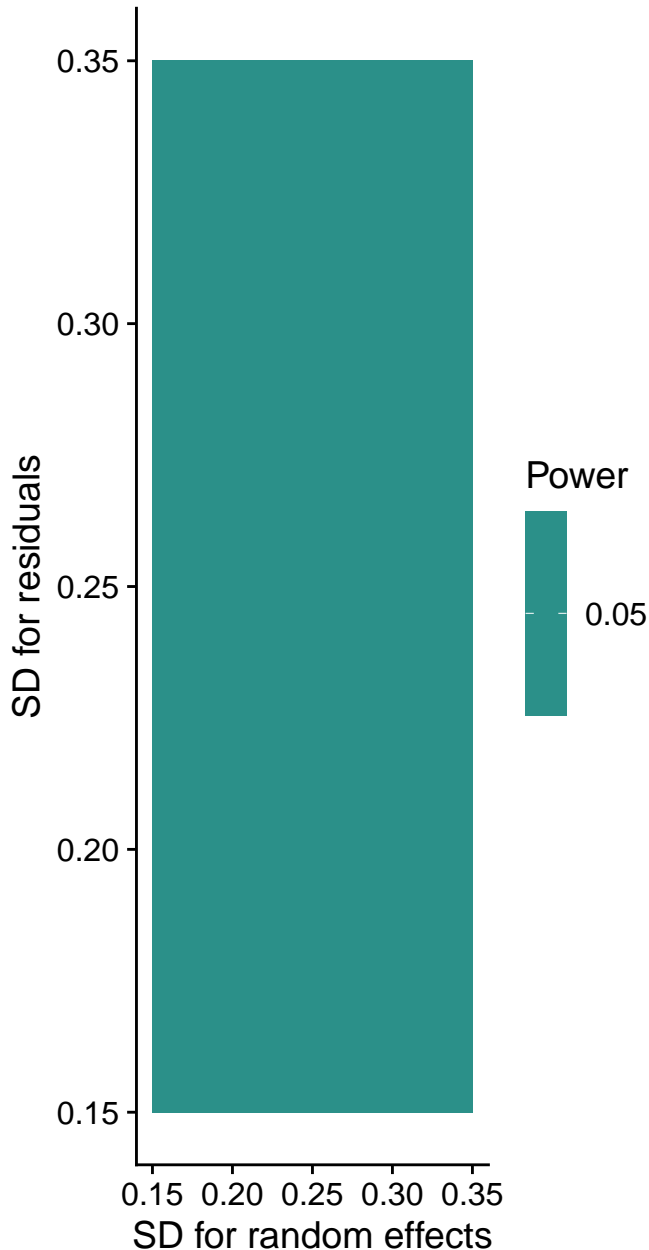
## Power for Bliss



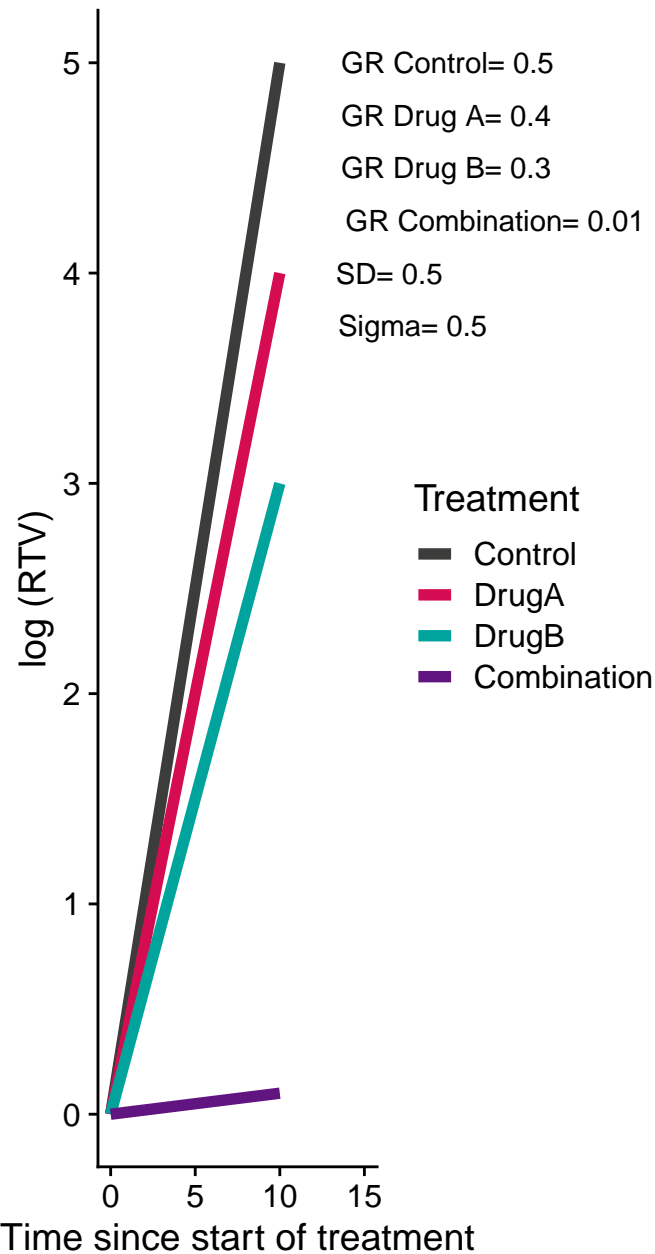
## Exemplary Data



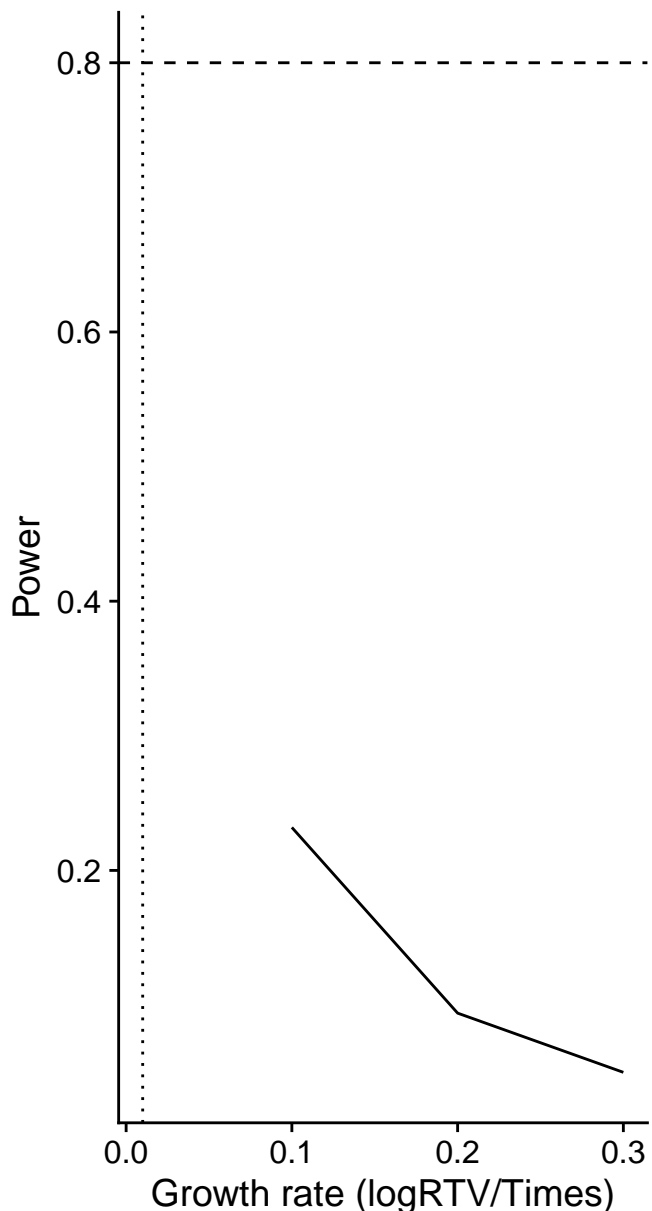
## Power for HSA



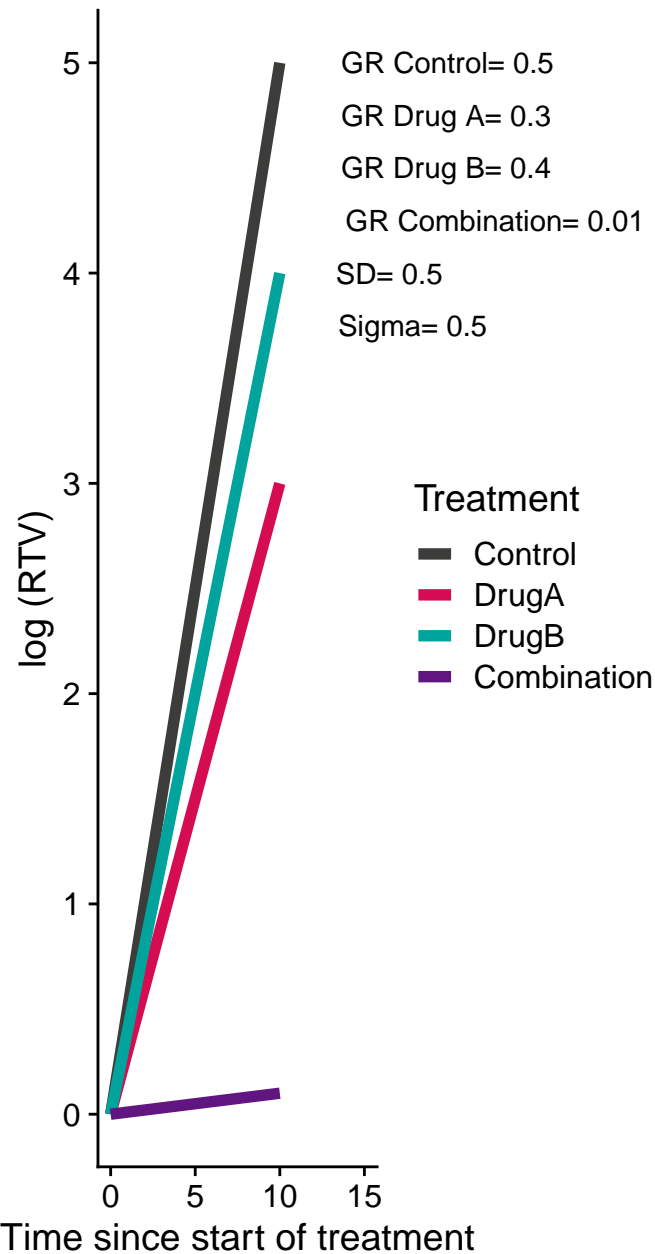
## Exemplary Data



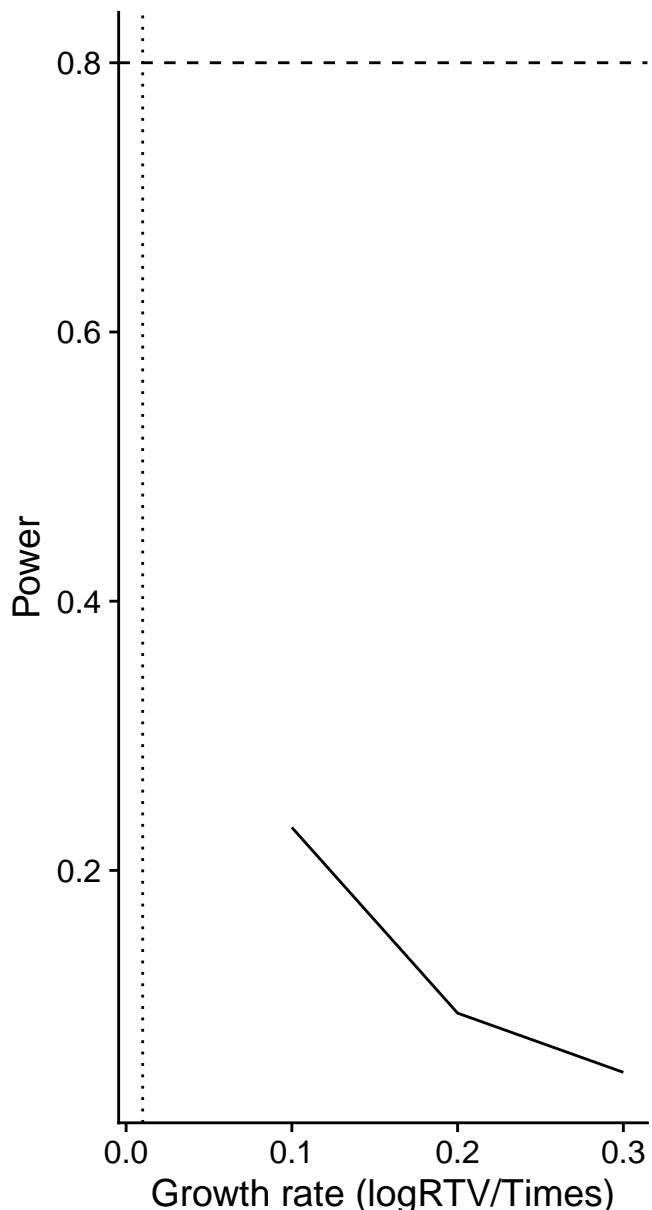
## Power across growth rate values for combination treatment



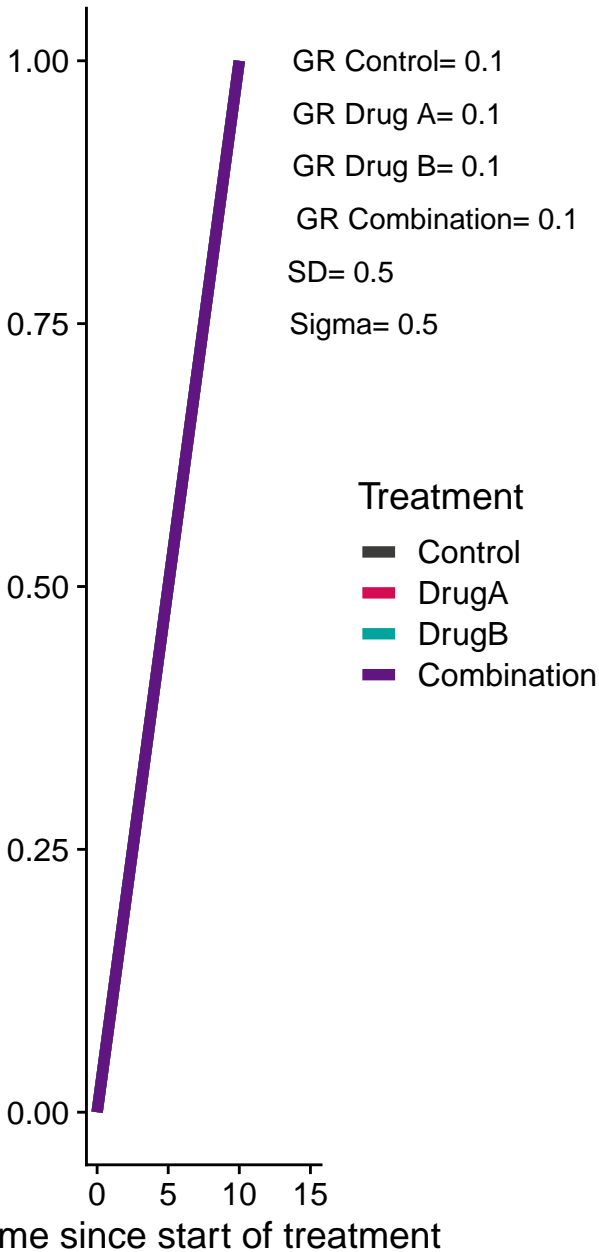
## Exemplary Data



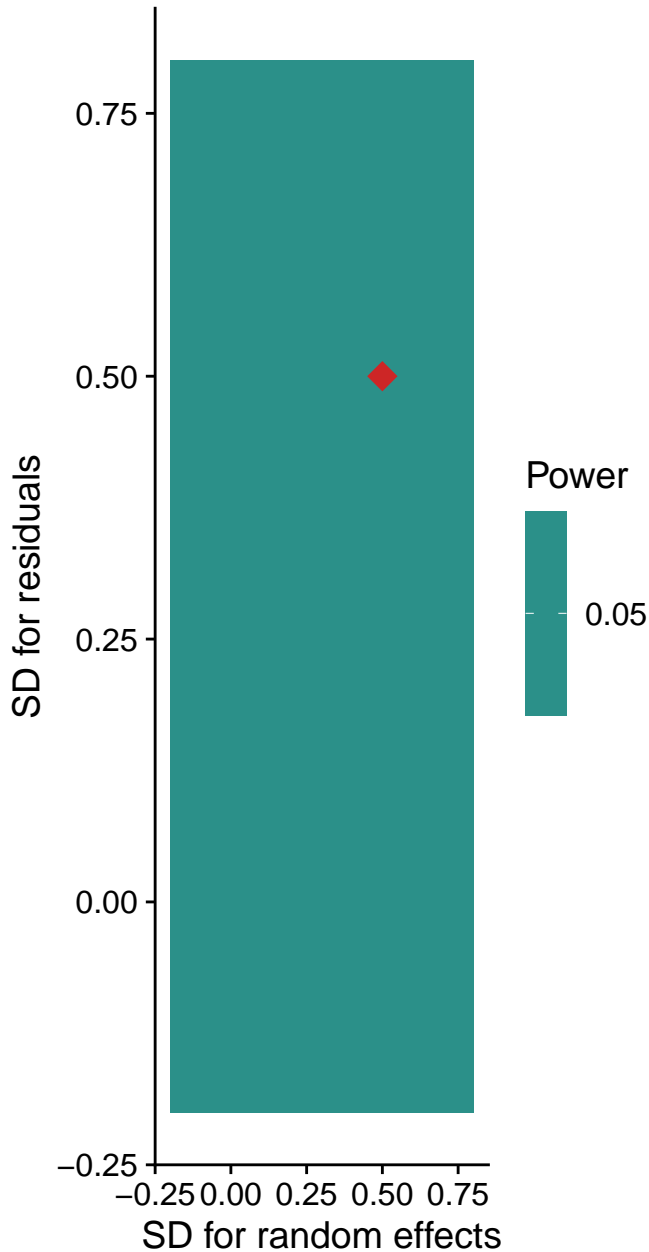
## Power across growth rate values for combination treatment



## Exemplary Data

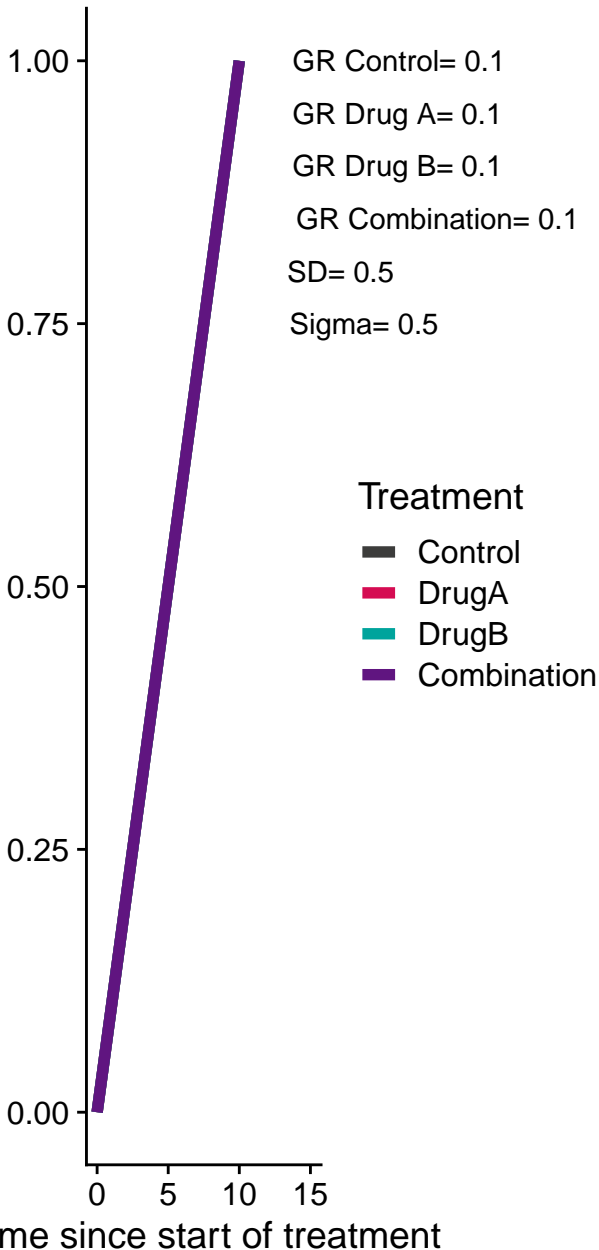


## Power for Bliss

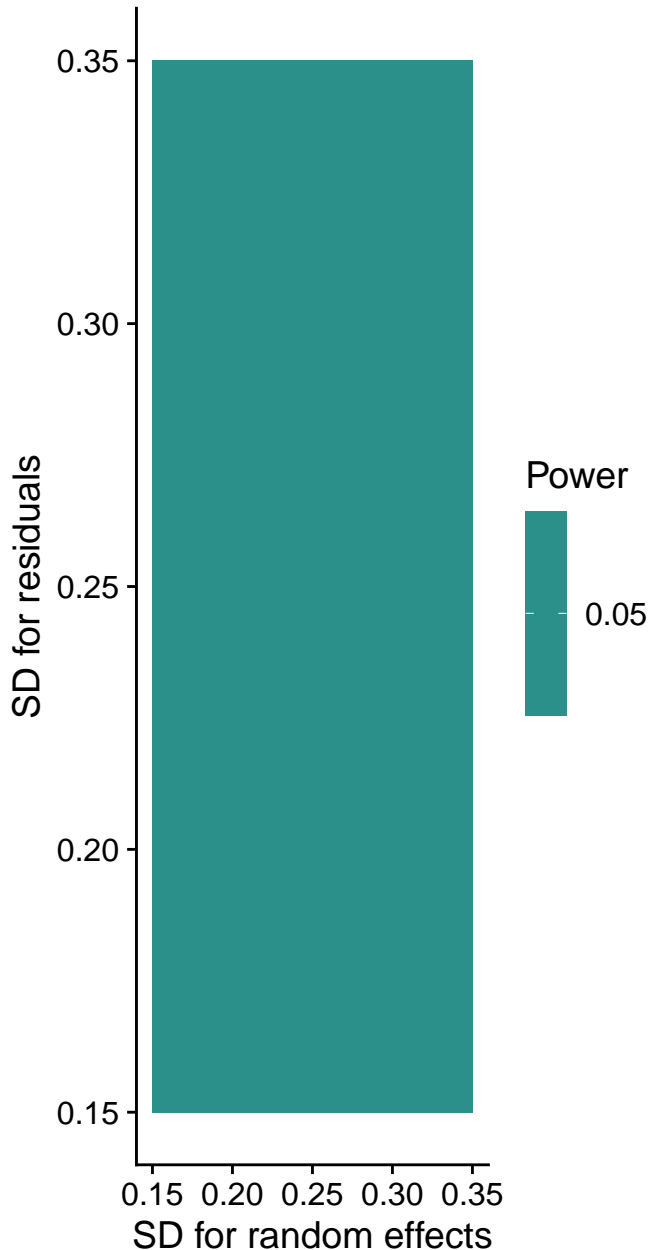




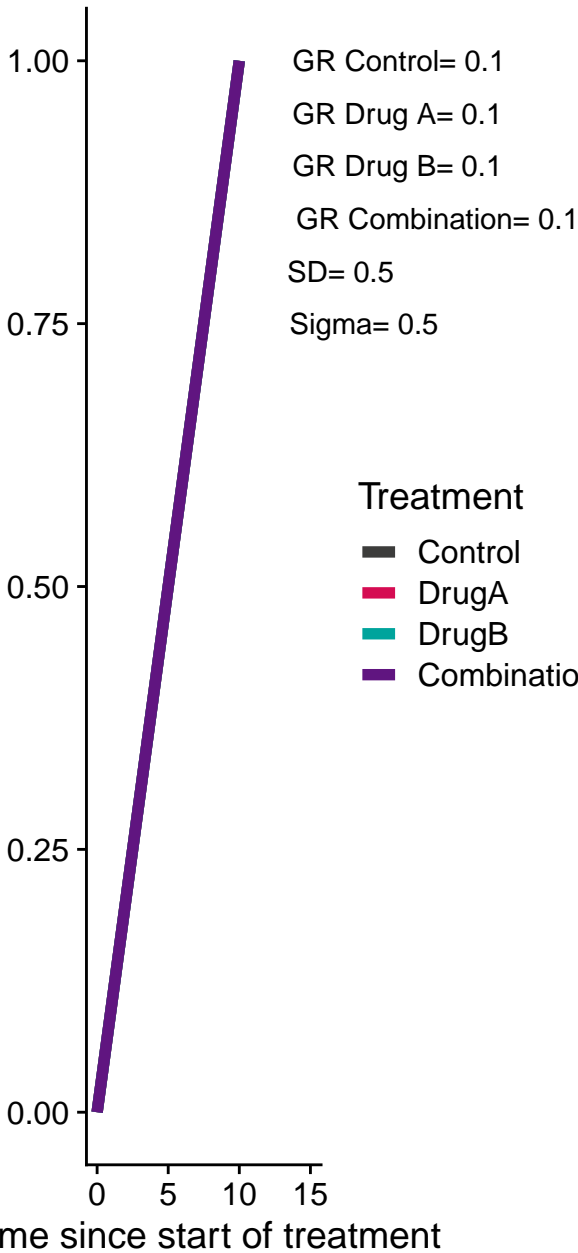
## Exemplary Data



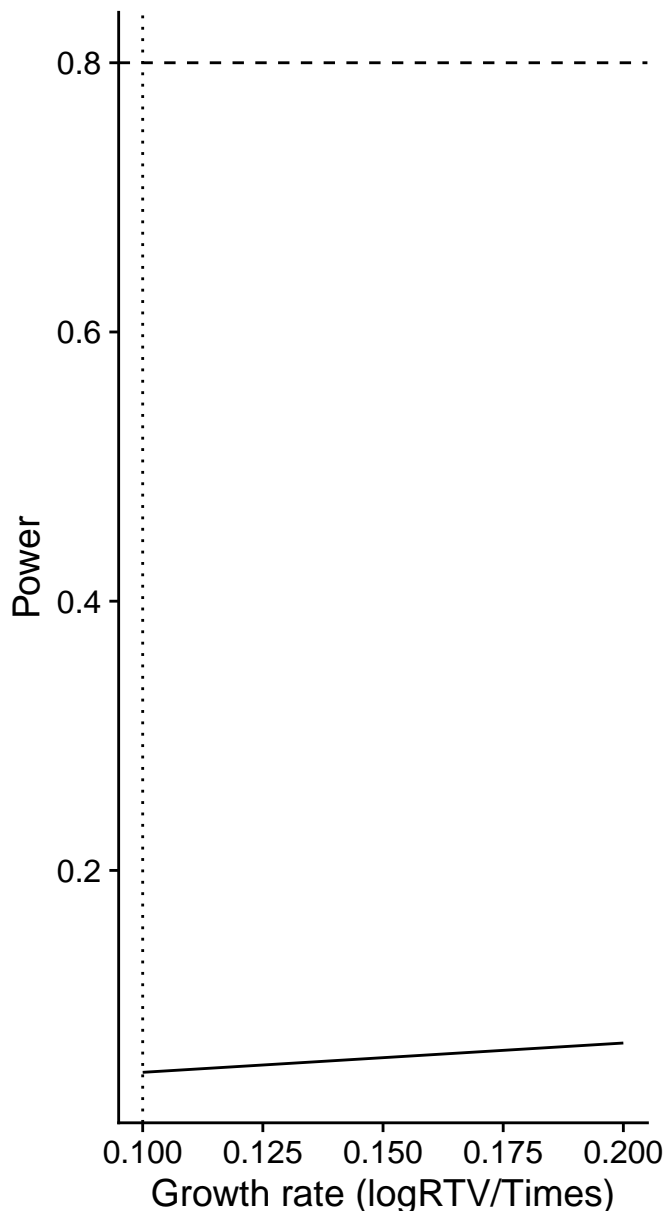
## Power for Bliss



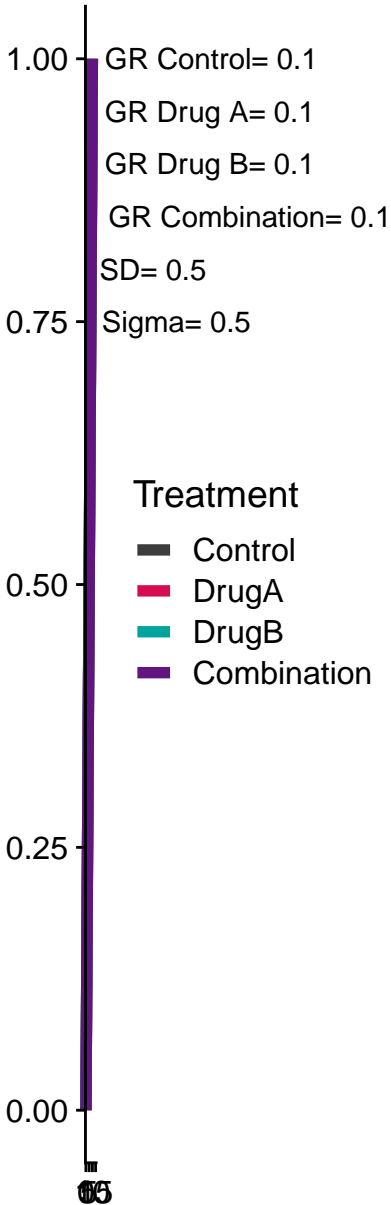
## Exemplary Data



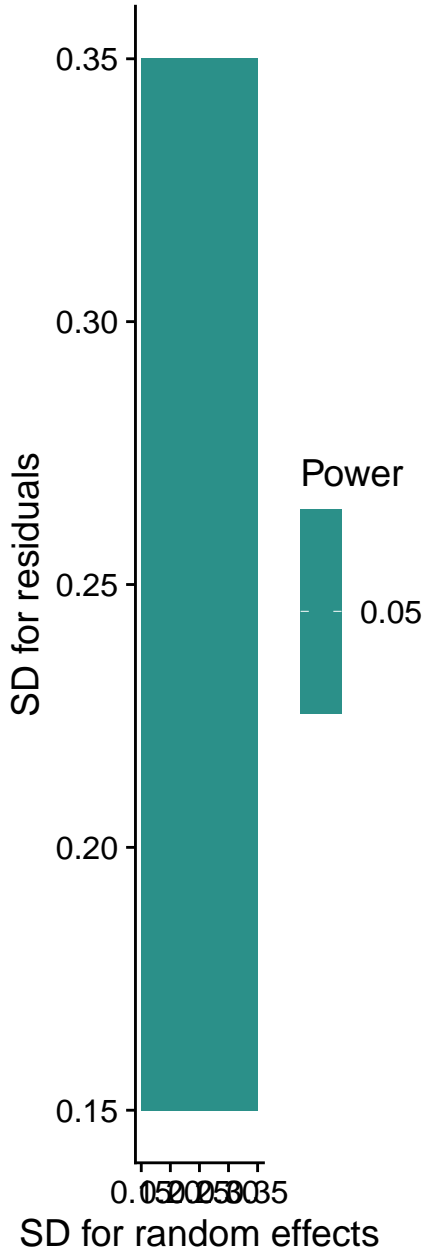
## Power across growth rate values for combination treatment



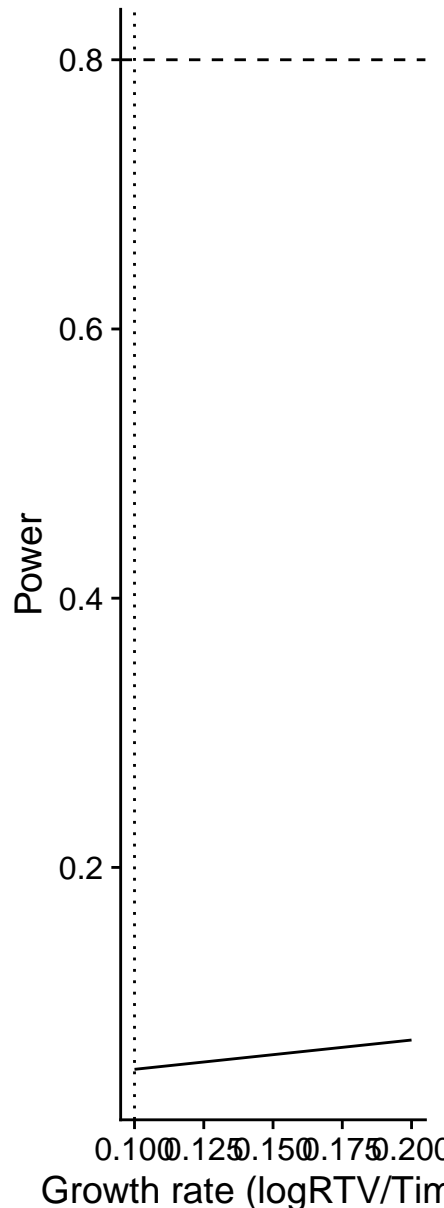
## Exemplary Data



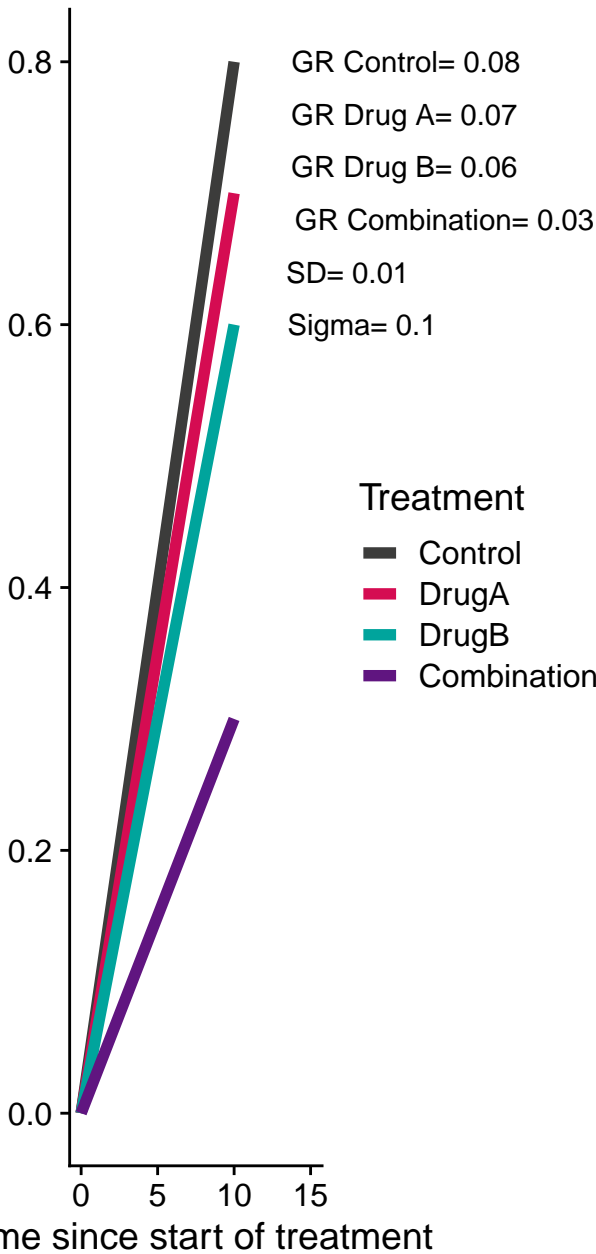
## Power for Bliss



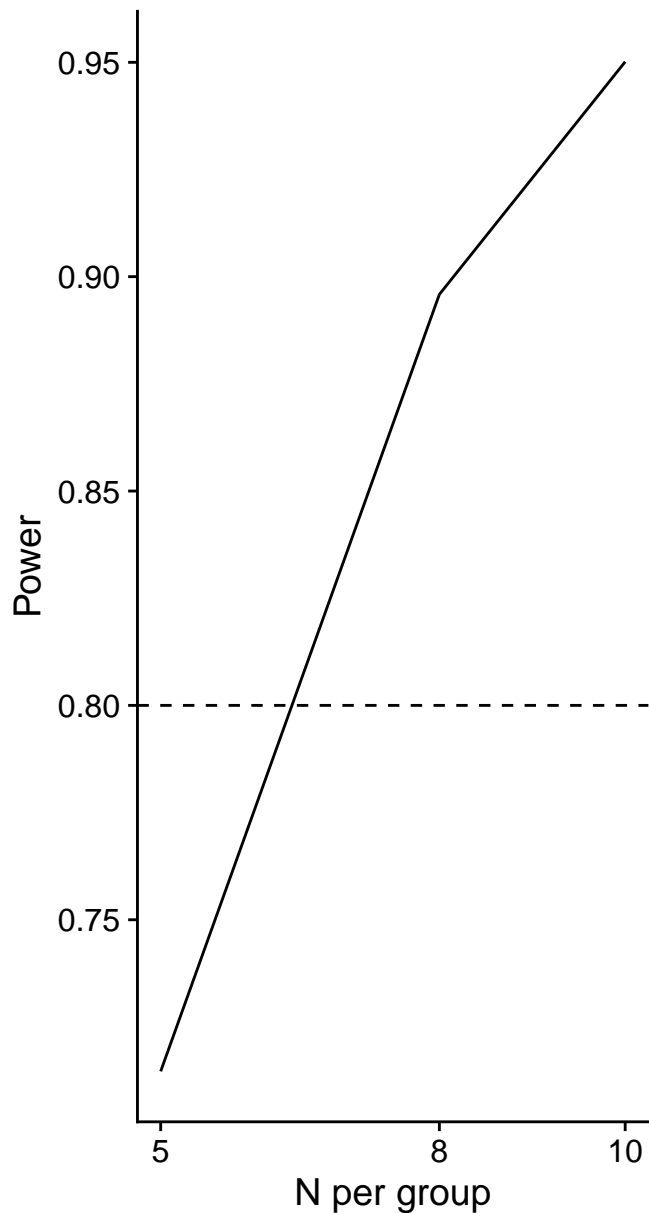
## Power across growth rates for combinations



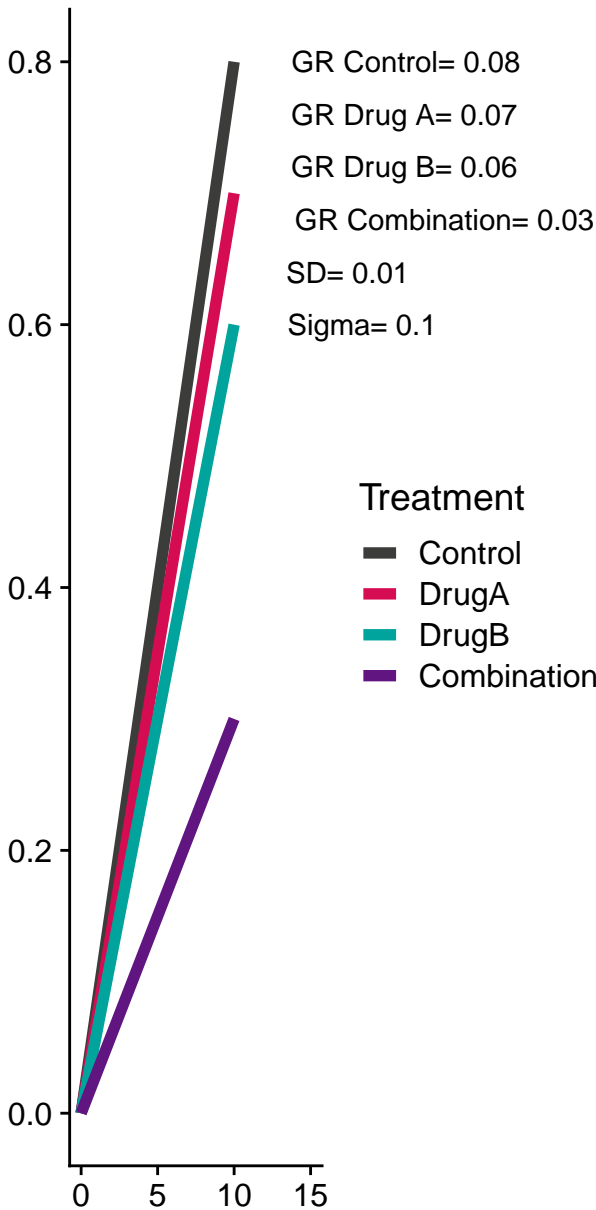
## Exemplary Data



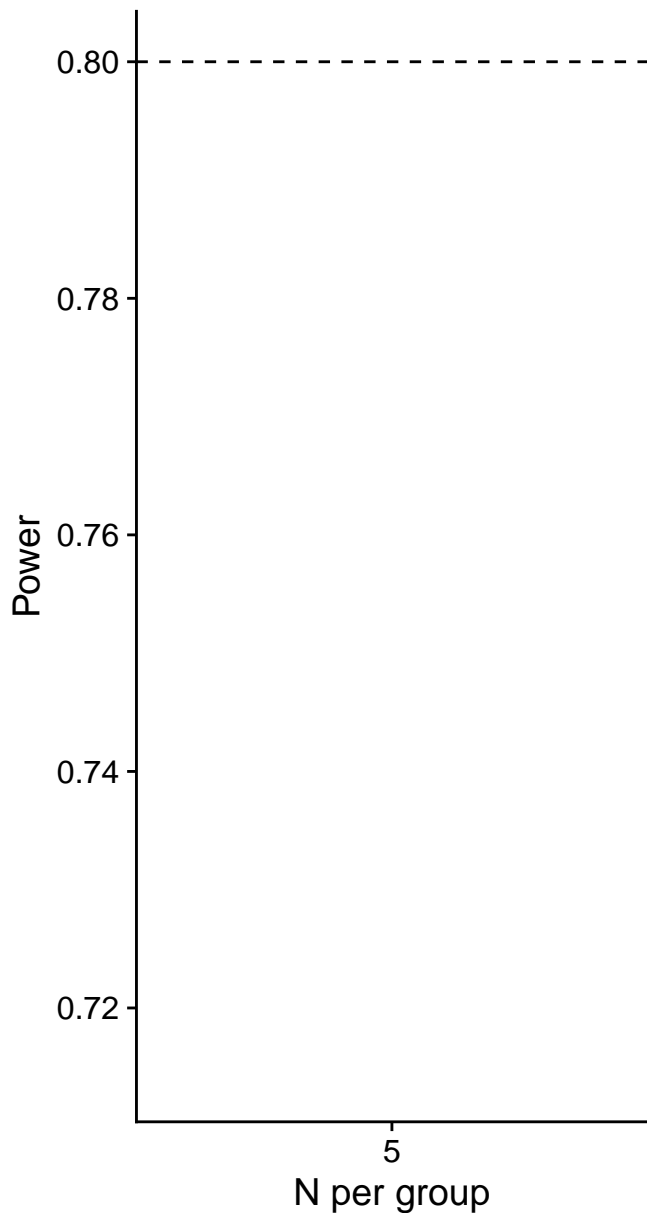
## Power depending on number of subjects per group



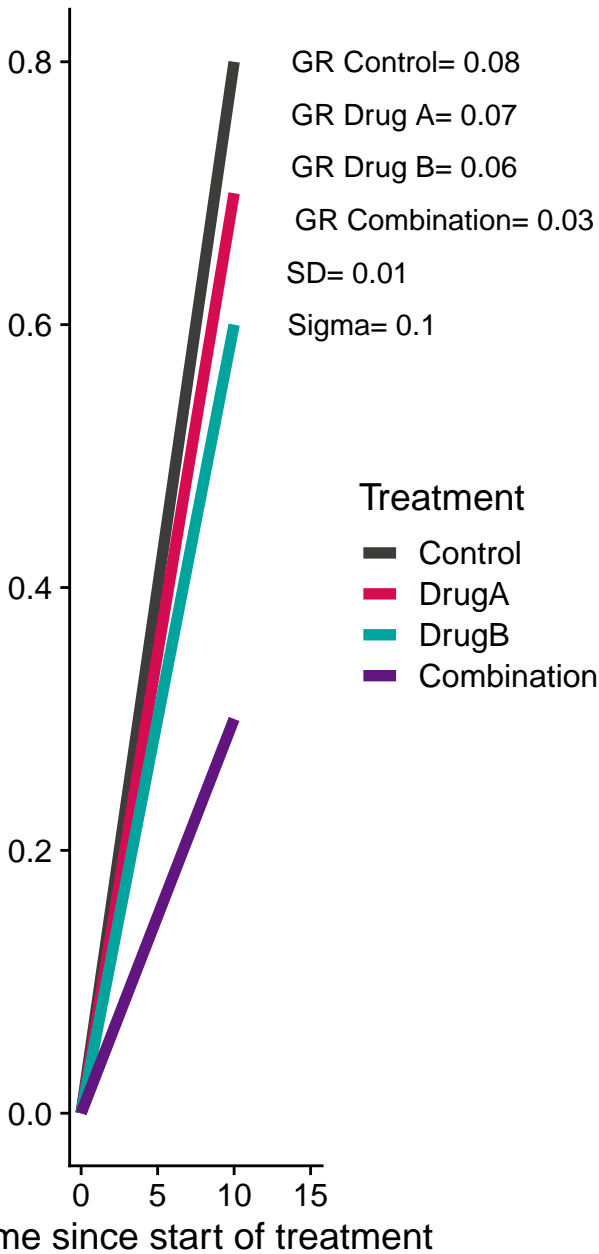
## Exemplary Data



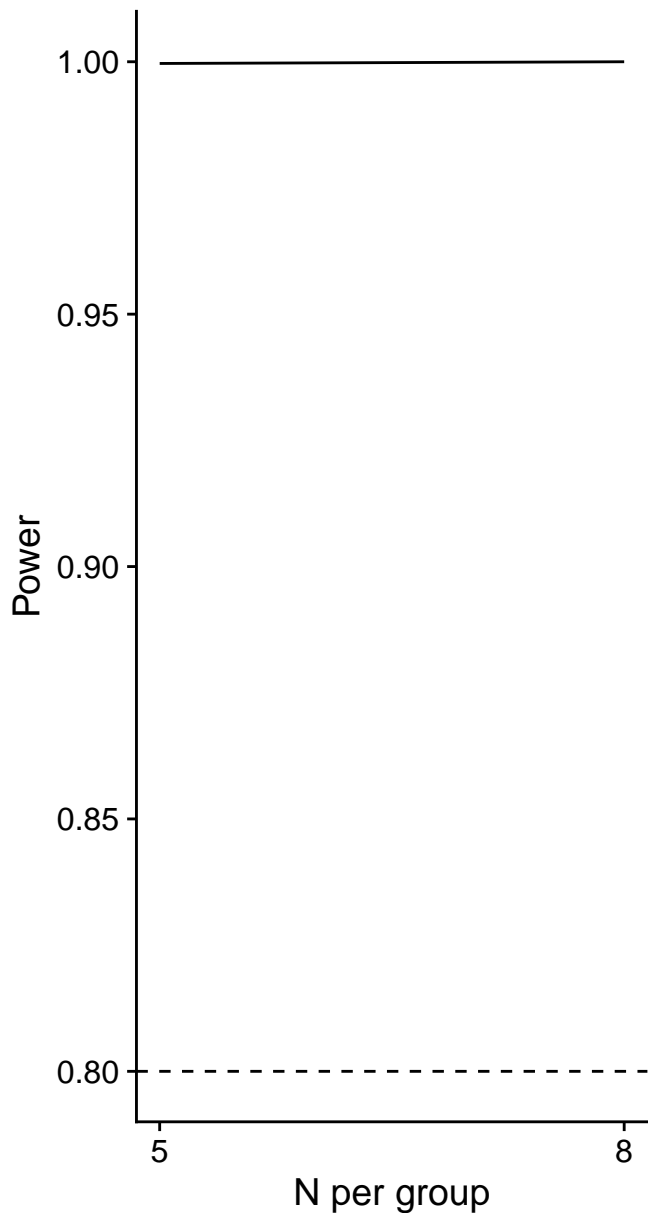
## Power depending on number of subjects per group



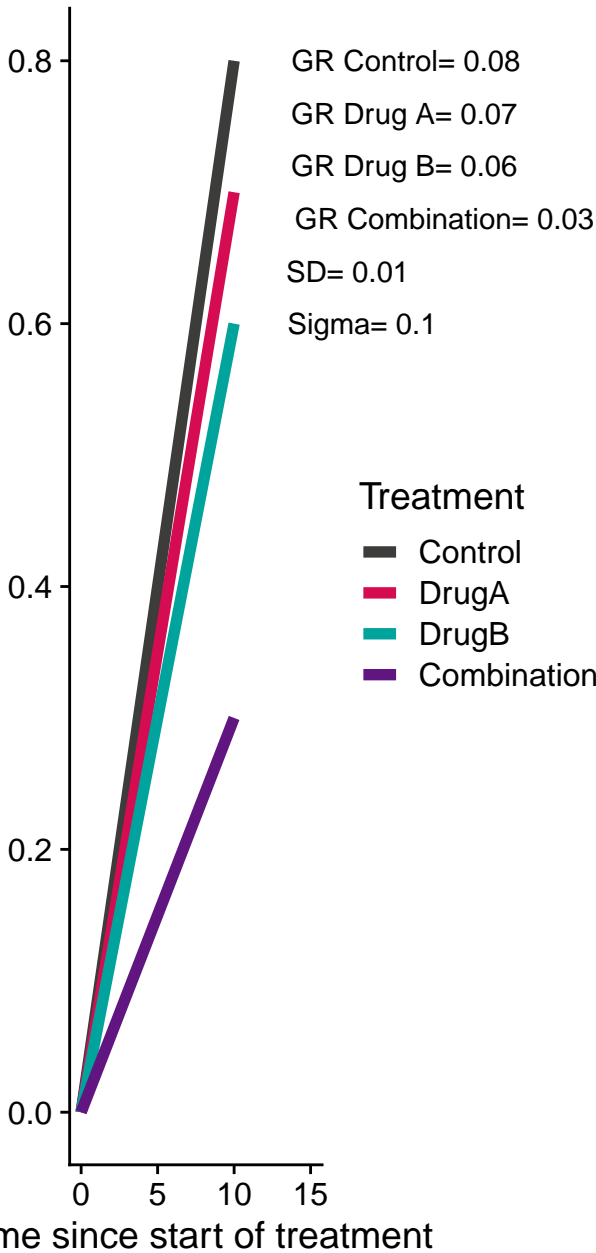
## Exemplary Data



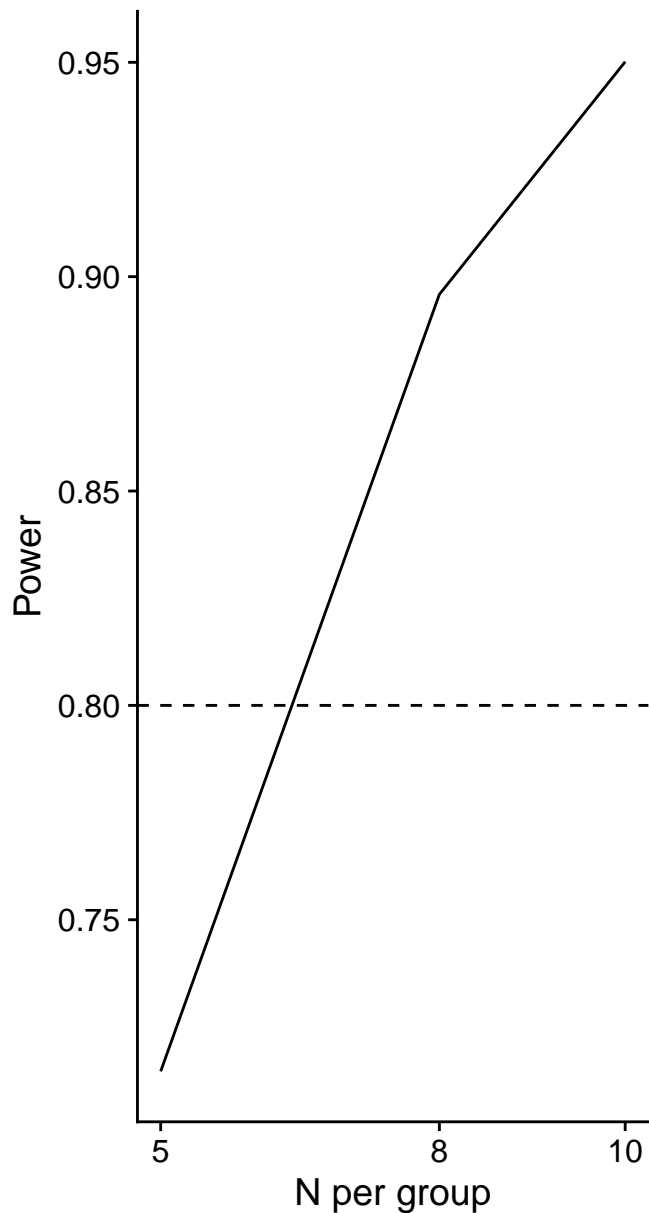
## Power depending on number of subjects per group



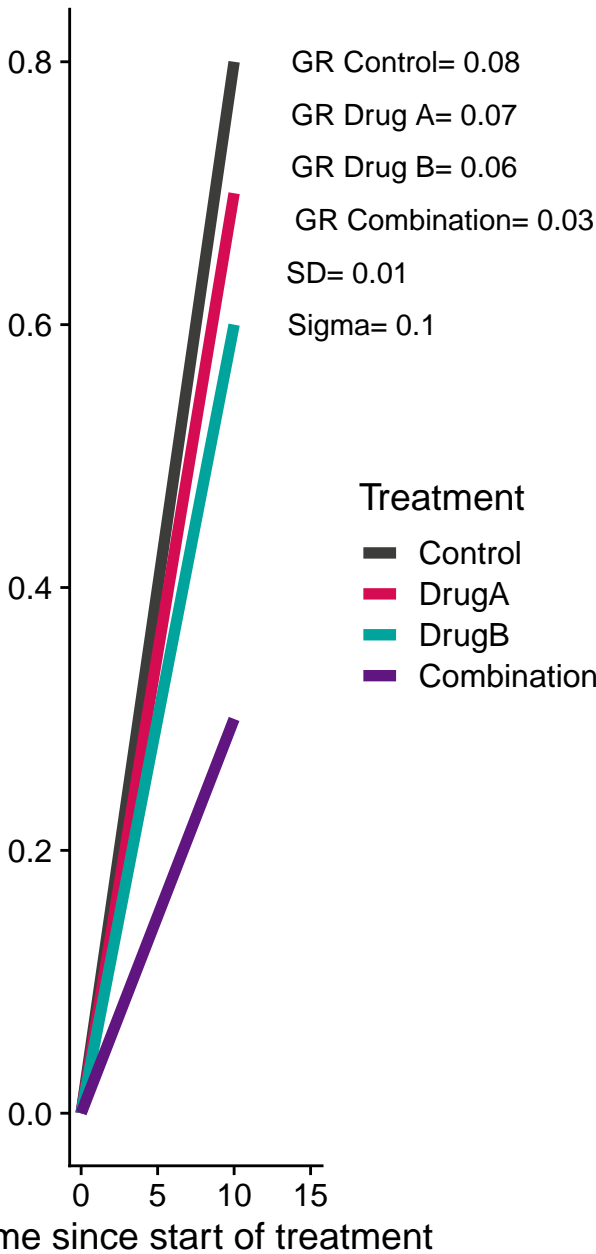
## Exemplary Data



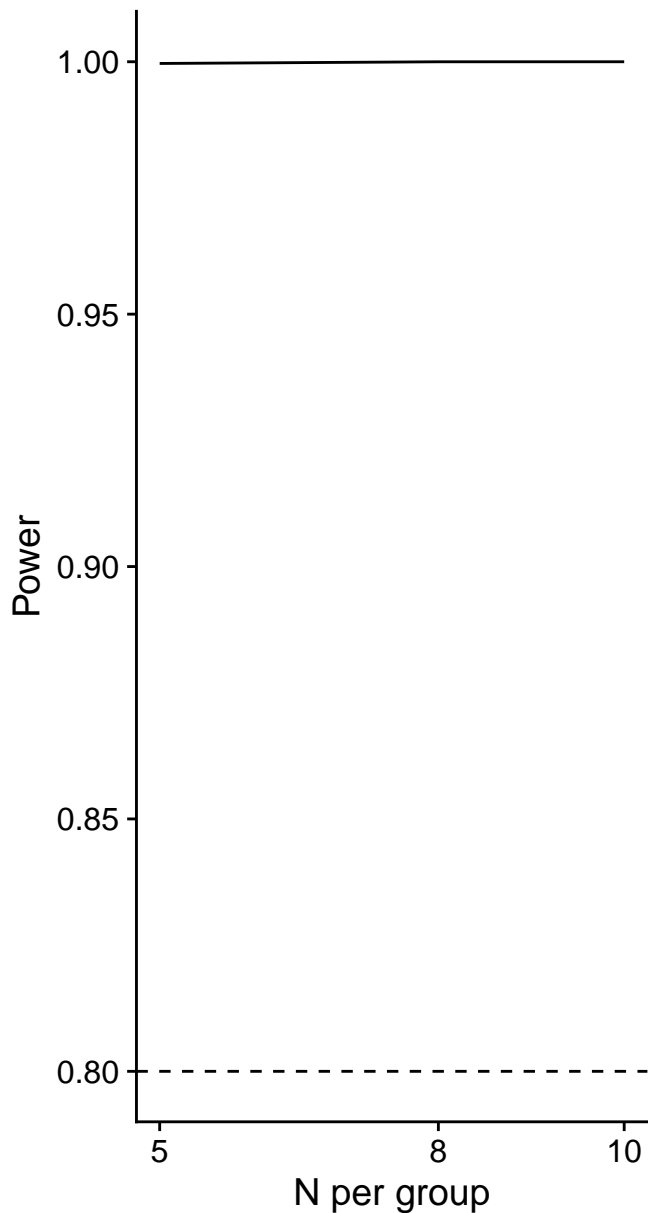
## Power depending on number of subjects per group



## Exemplary Data

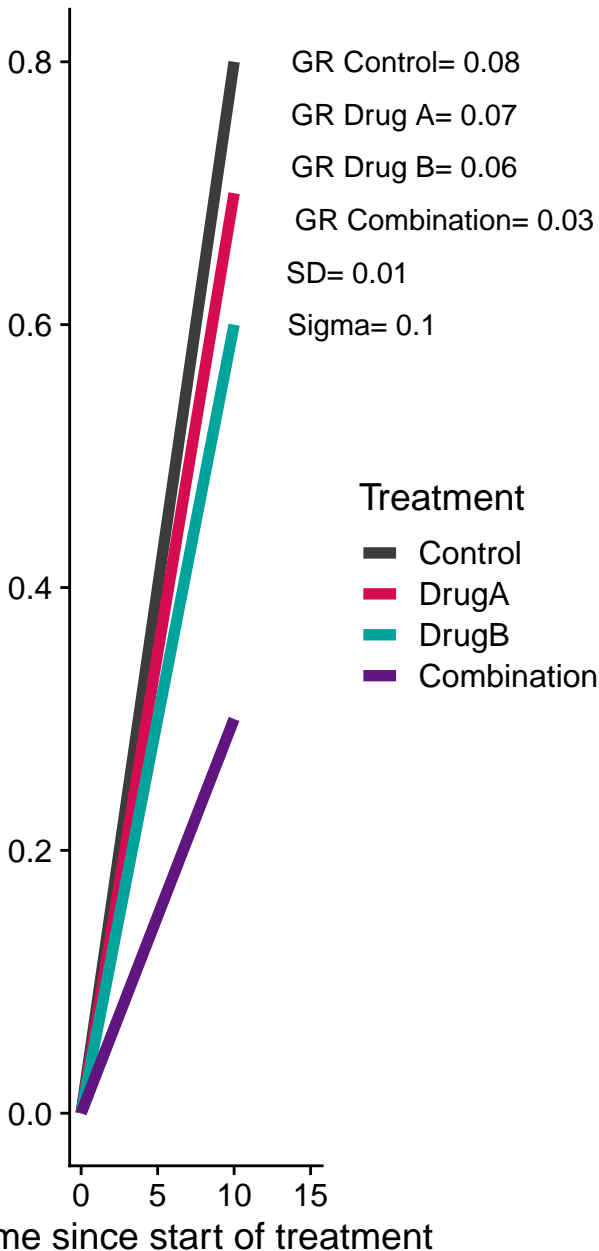


## Power depending on number of subjects per group

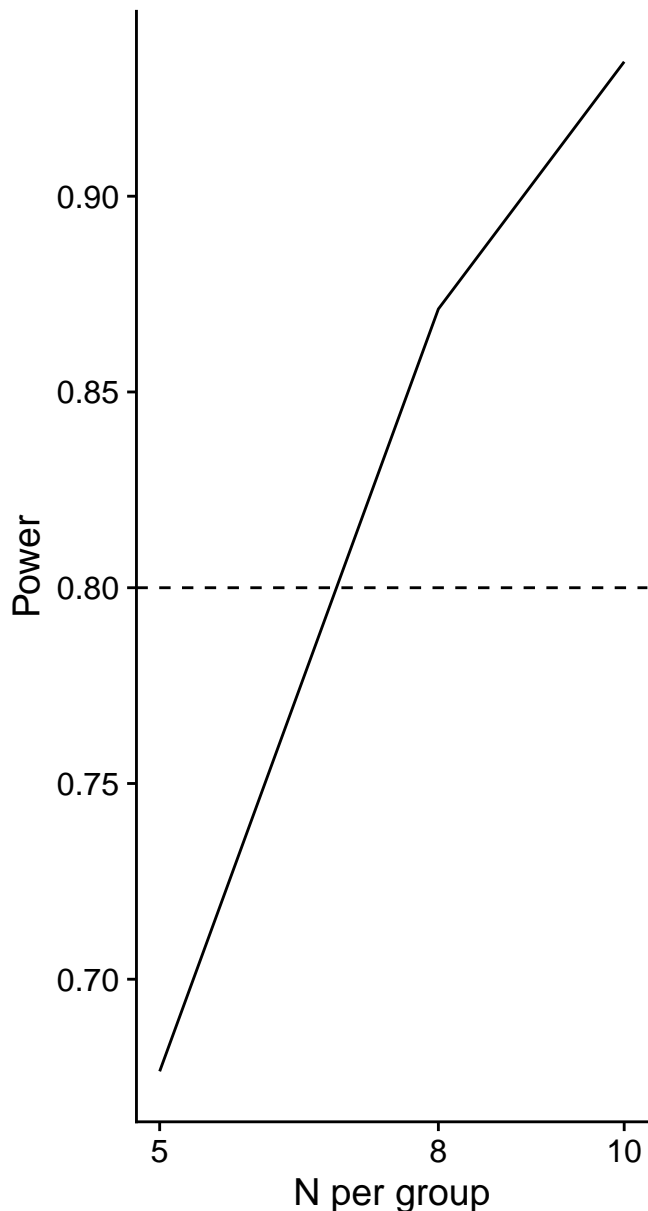




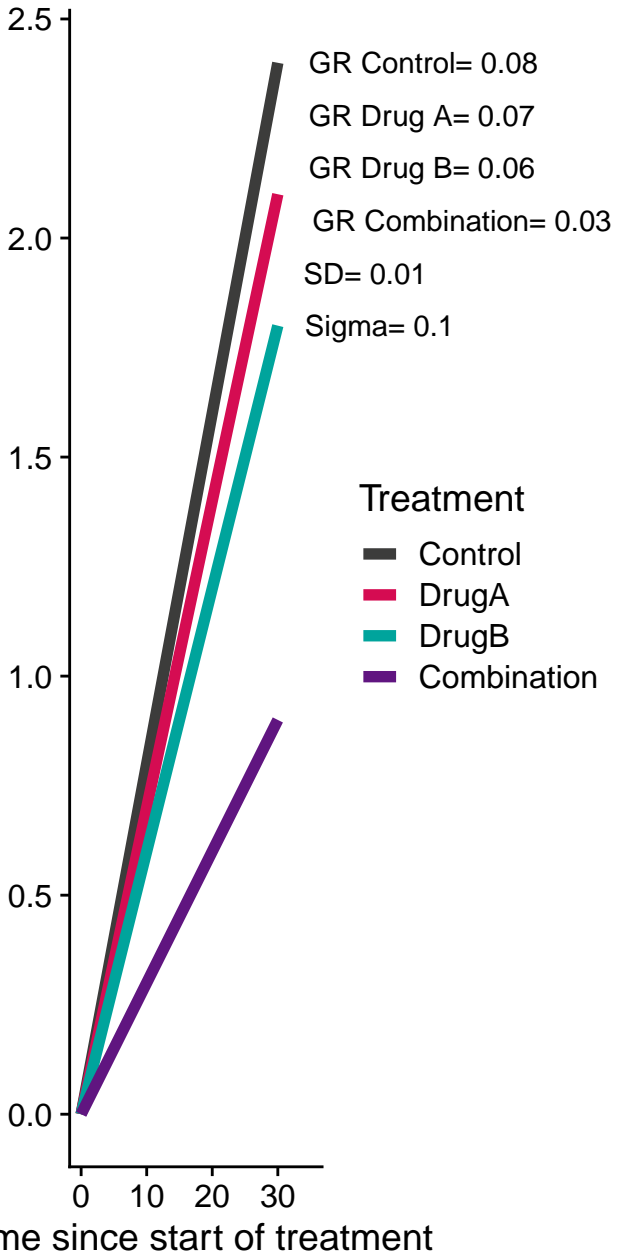
## Exemplary Data



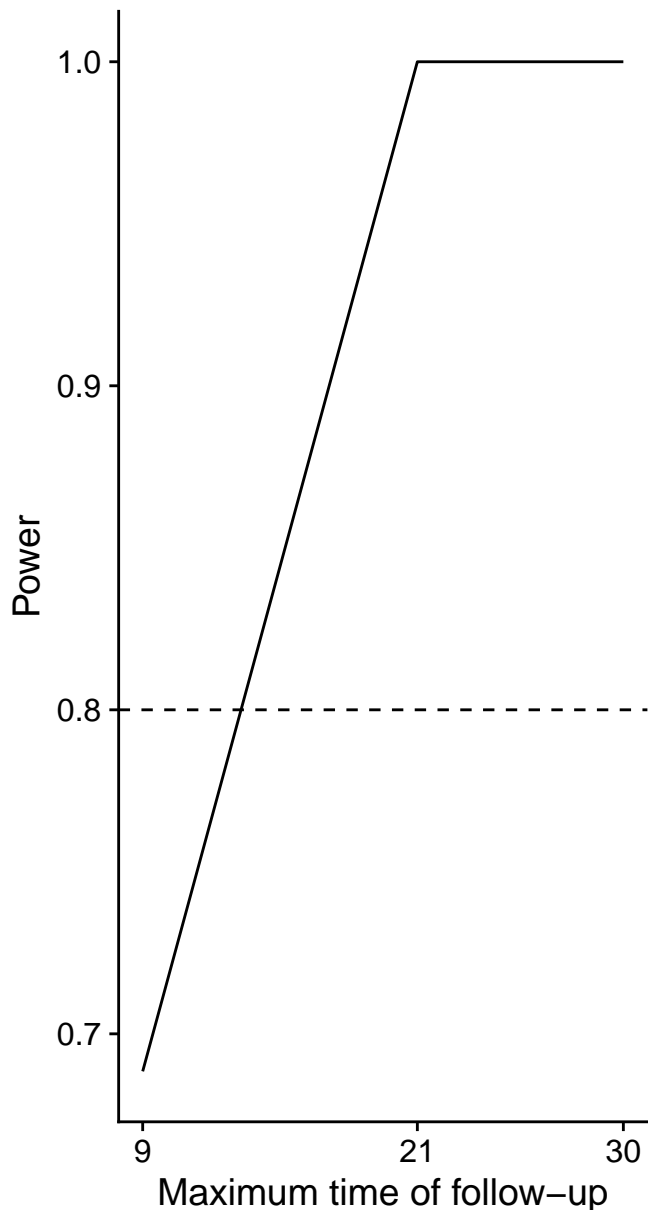
## Power depending on number of subjects per group



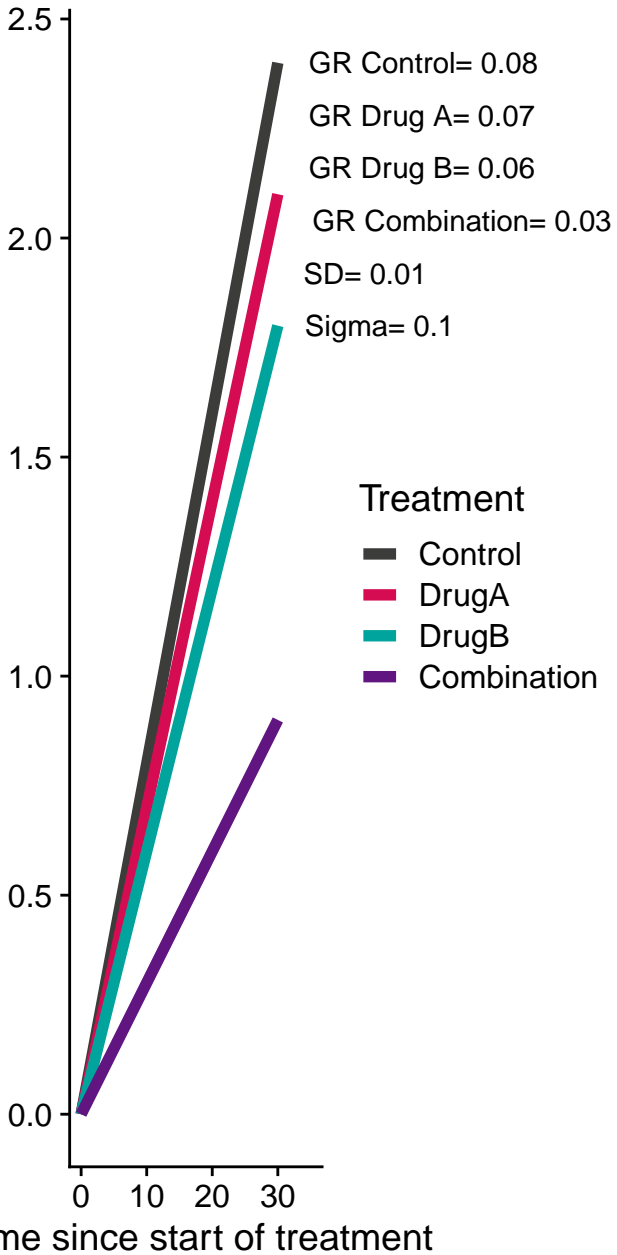
## Exemplary Data



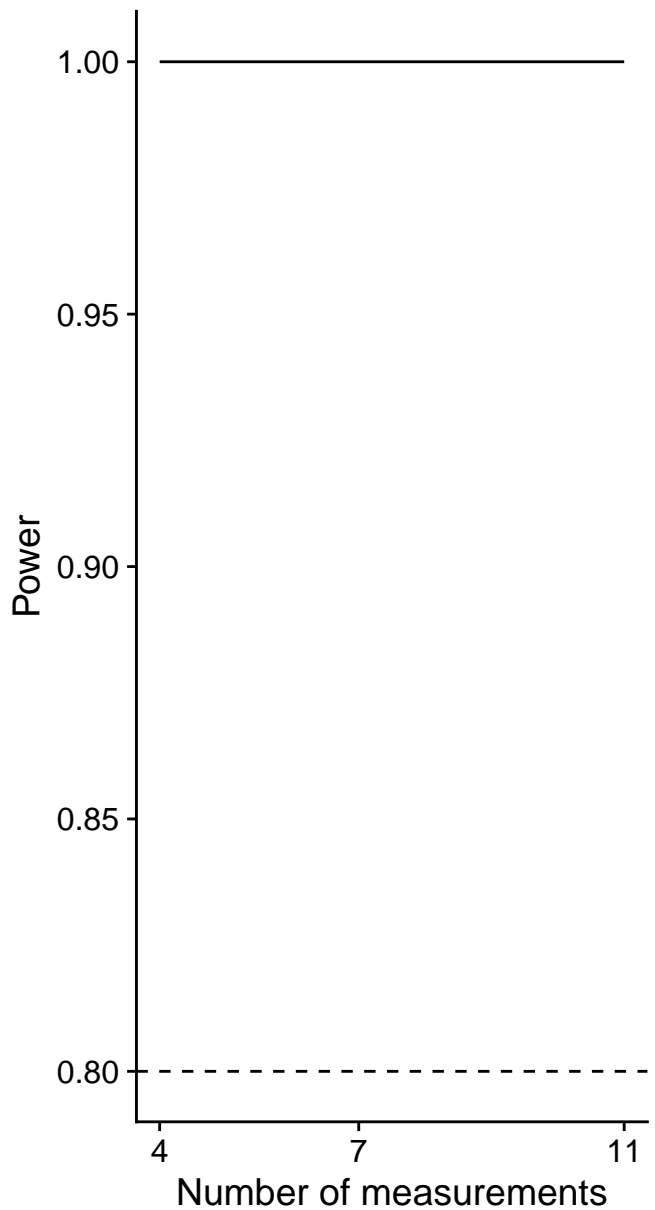
## Power depending on time of follow-up for Bliss



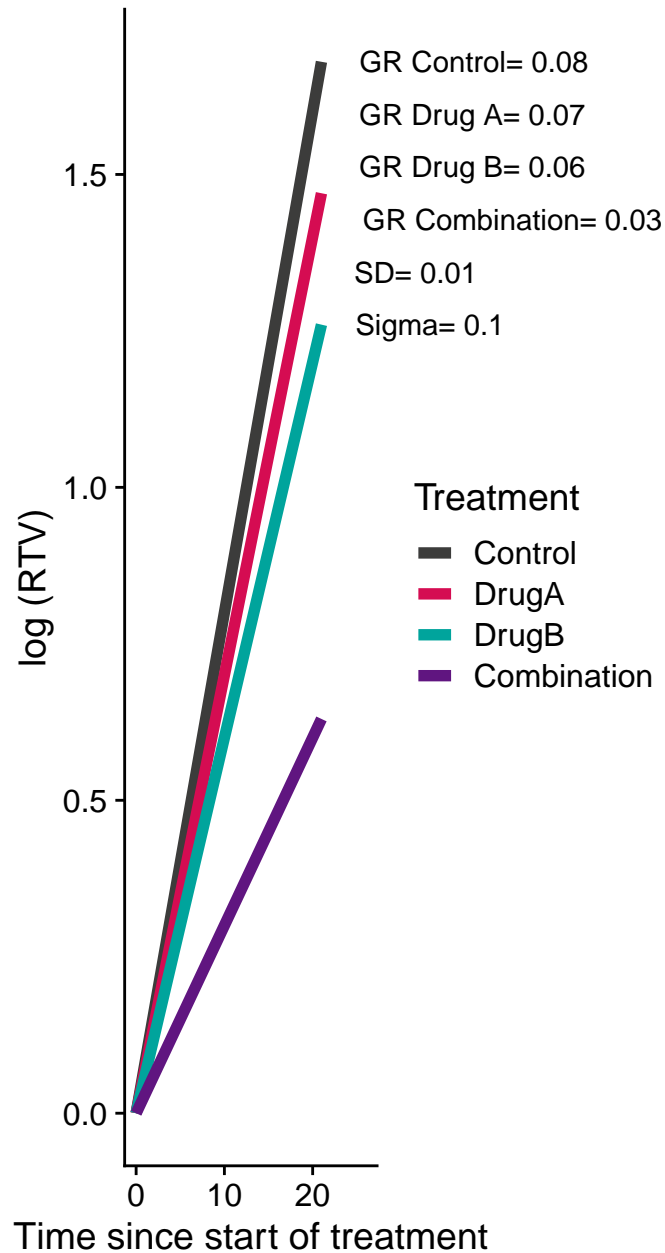
## Exemplary Data



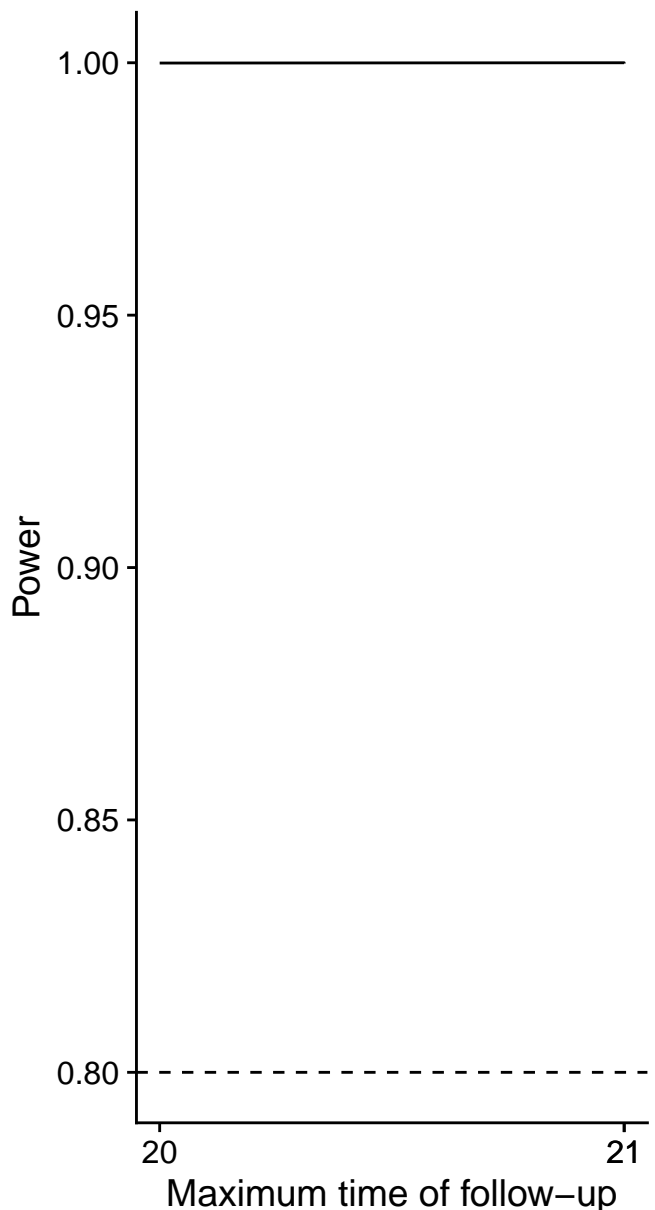
## Power depending on frequency of measurements



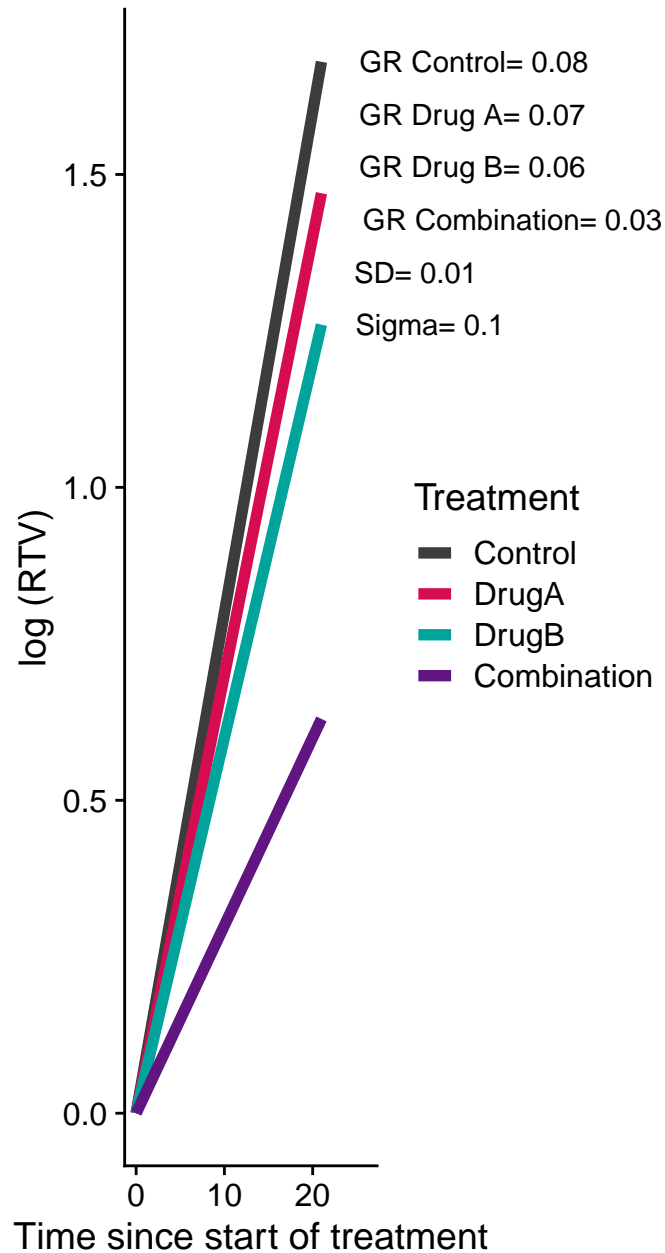
## Exemplary Data



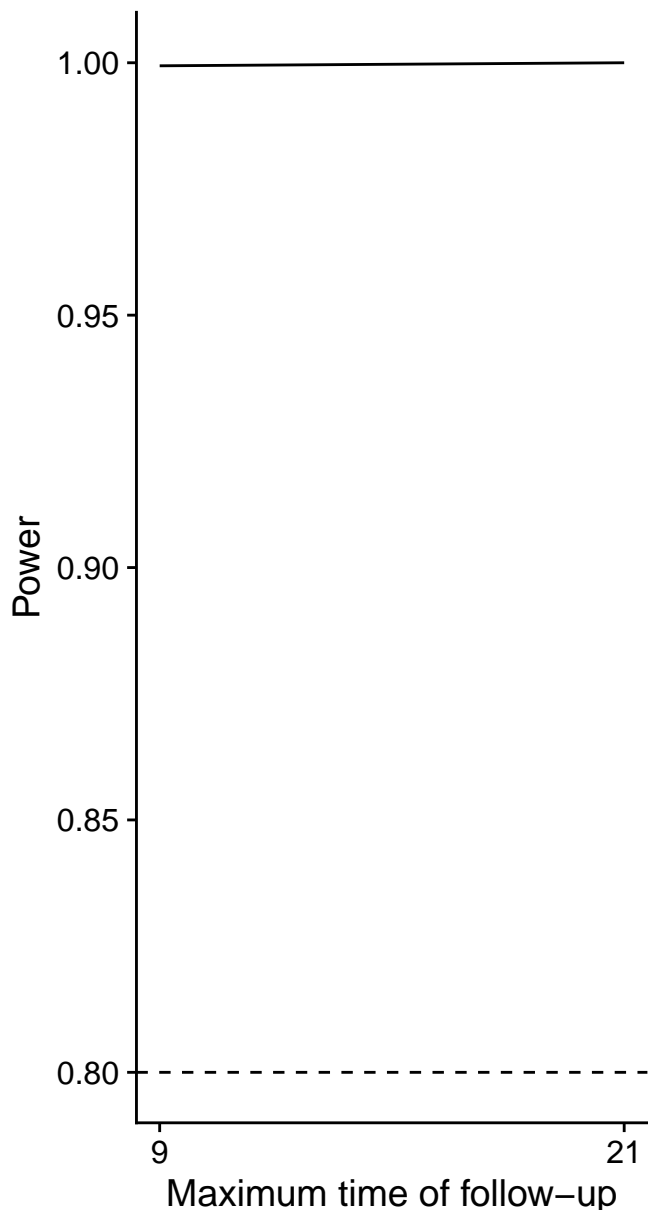
## Power depending on time of follow-up for Bliss



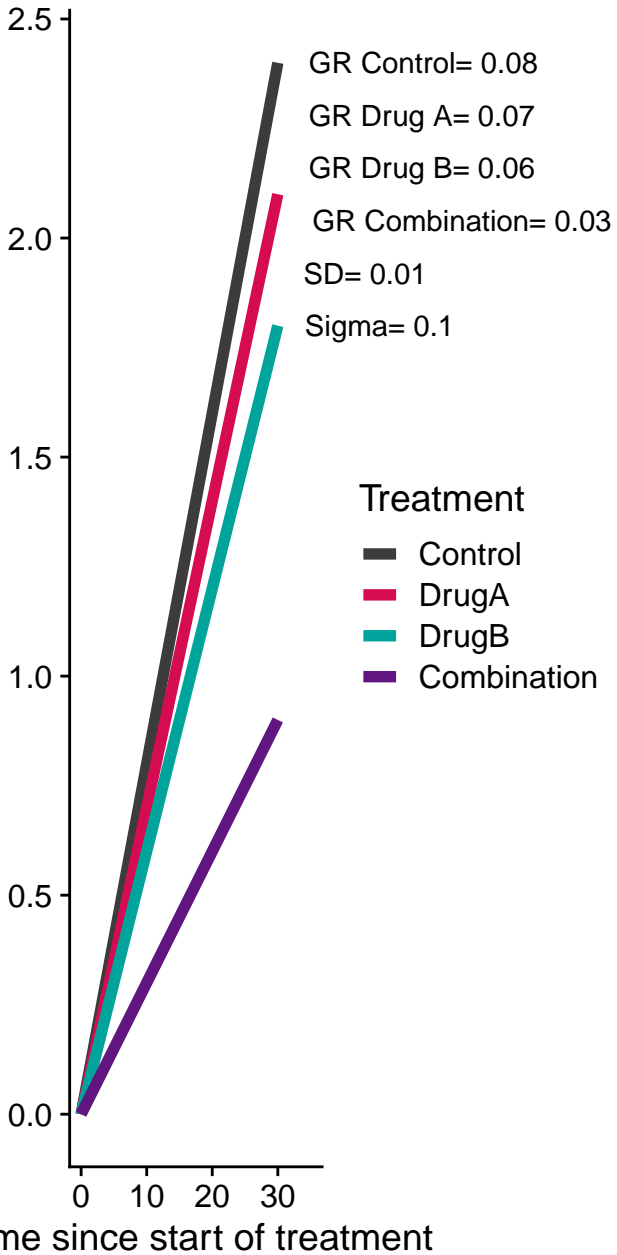
## Exemplary Data



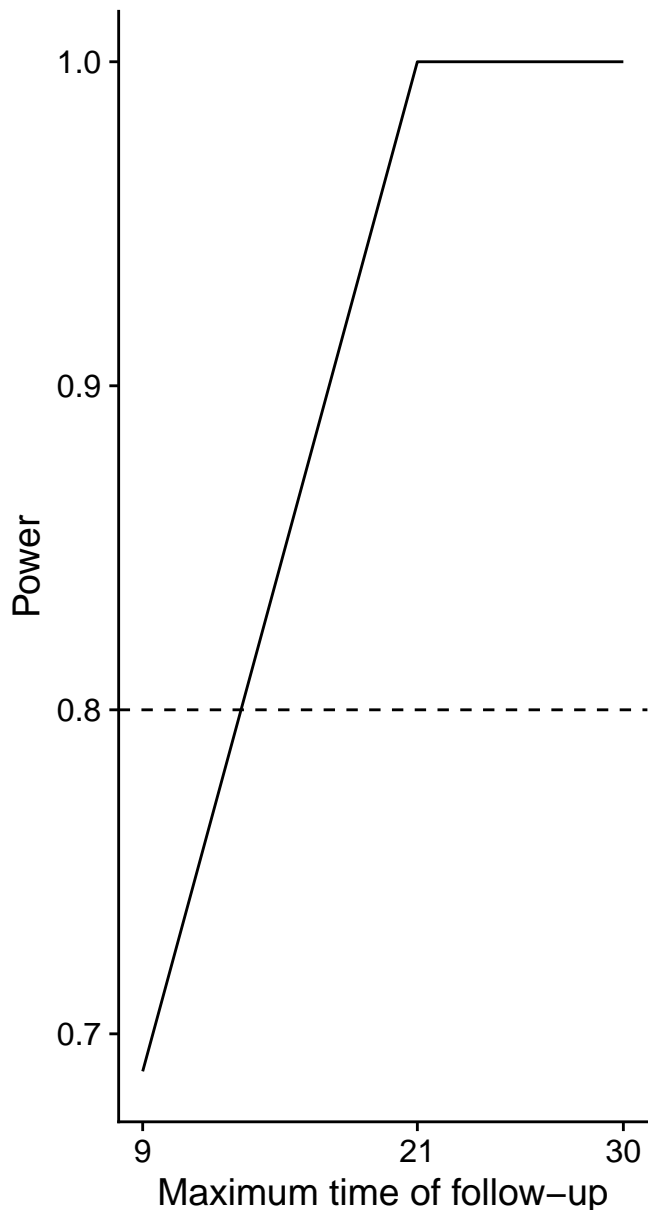
## Power depending on time of follow-up for HSA



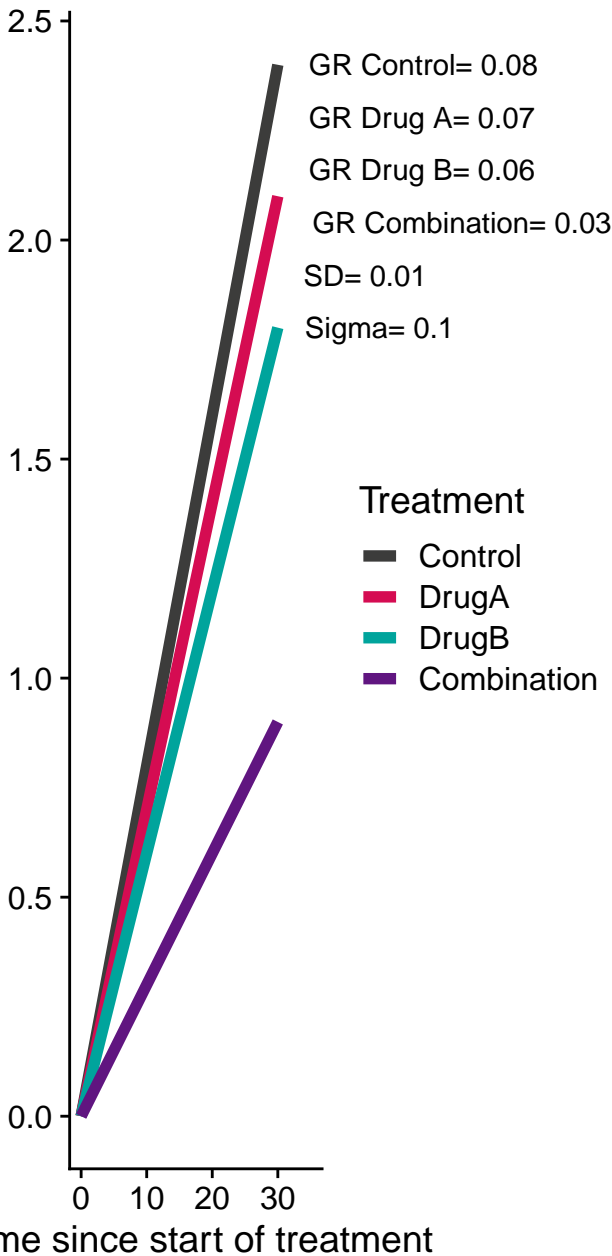
## Exemplary Data



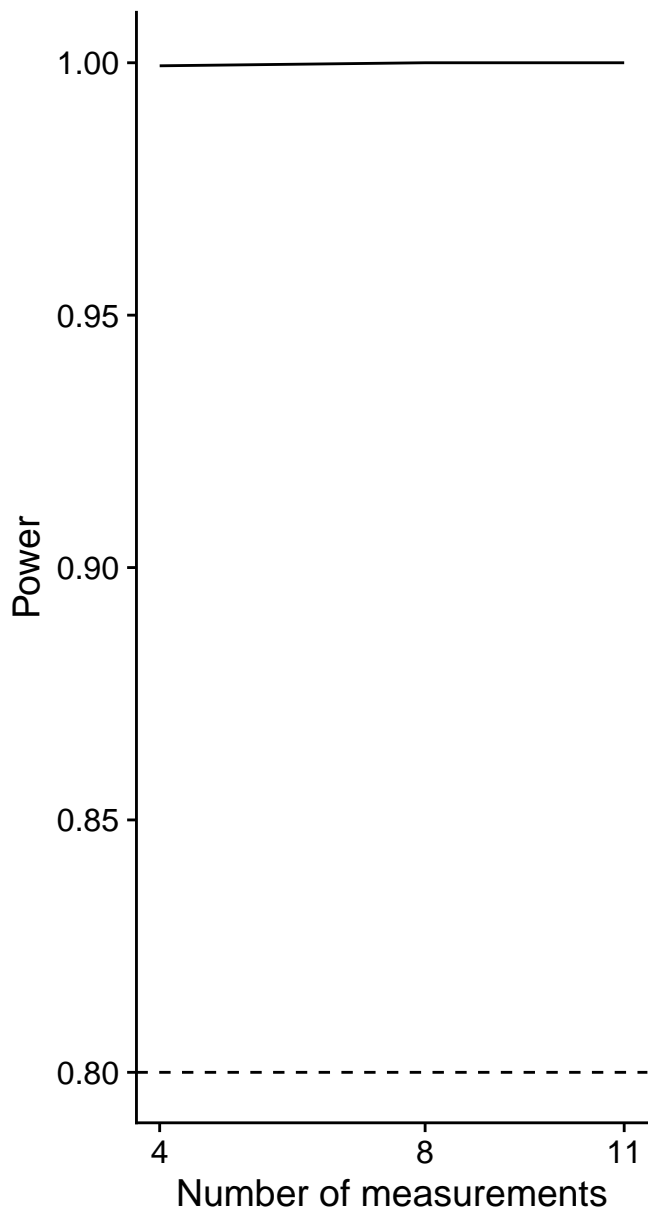
## Power depending on time of follow-up for Bliss



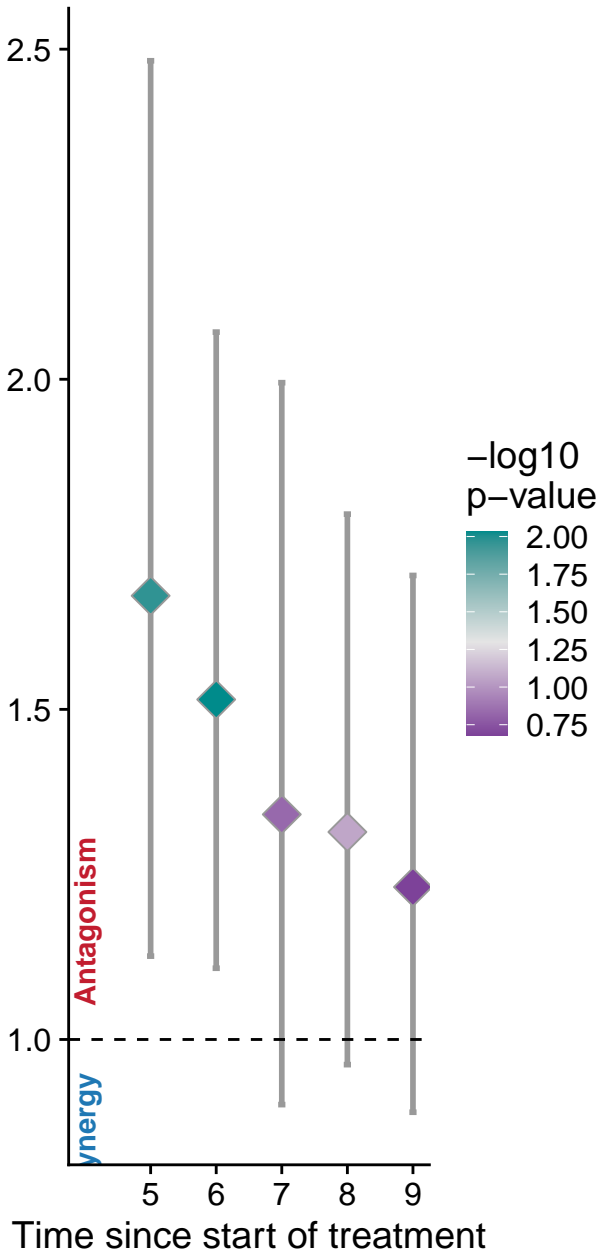
## Exemplary Data



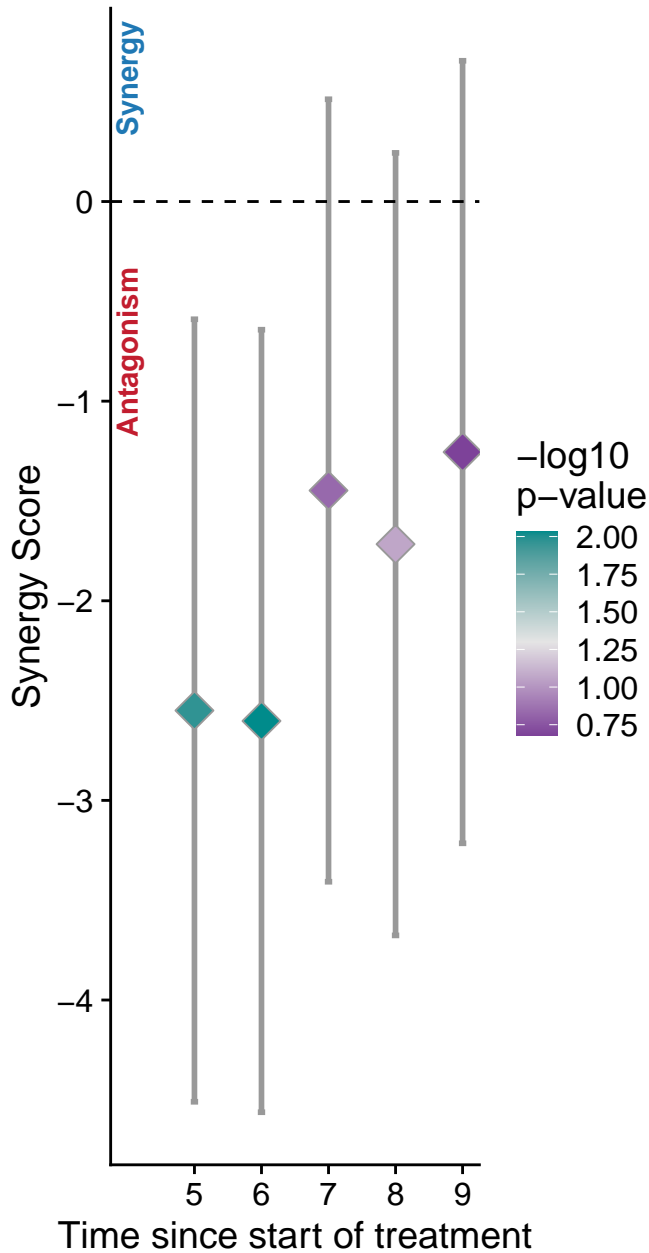
## Power depending on frequency of measurements



# Bliss Combination Index

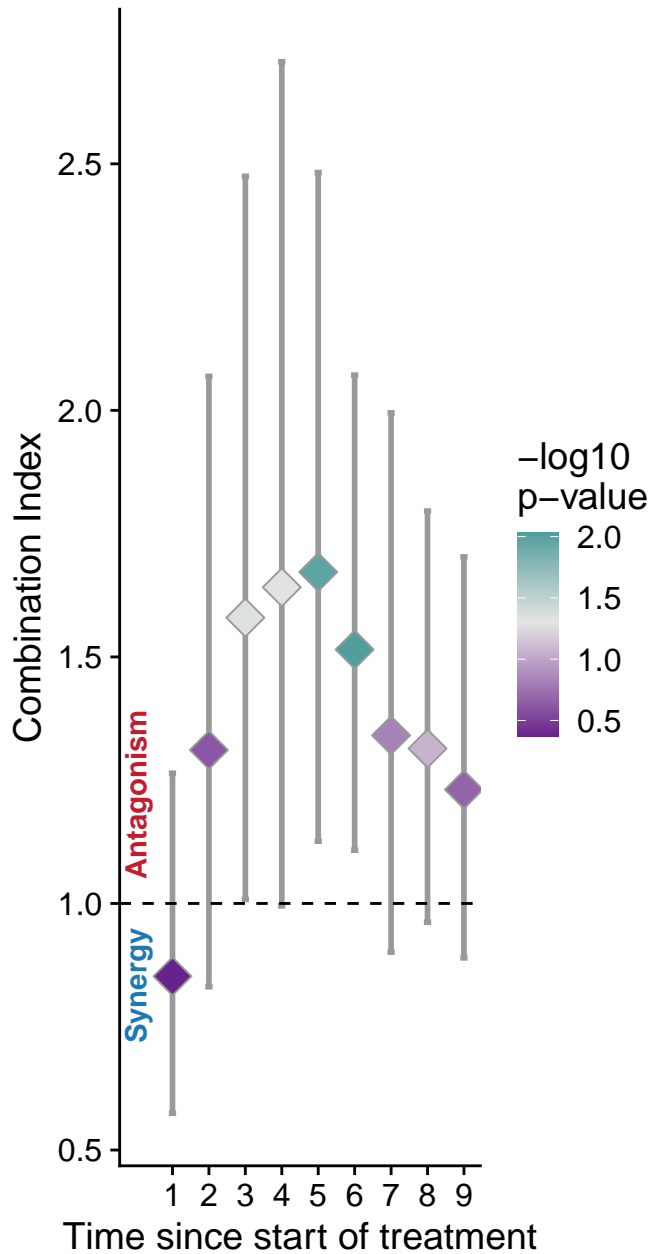


# Bliss Synergy Score

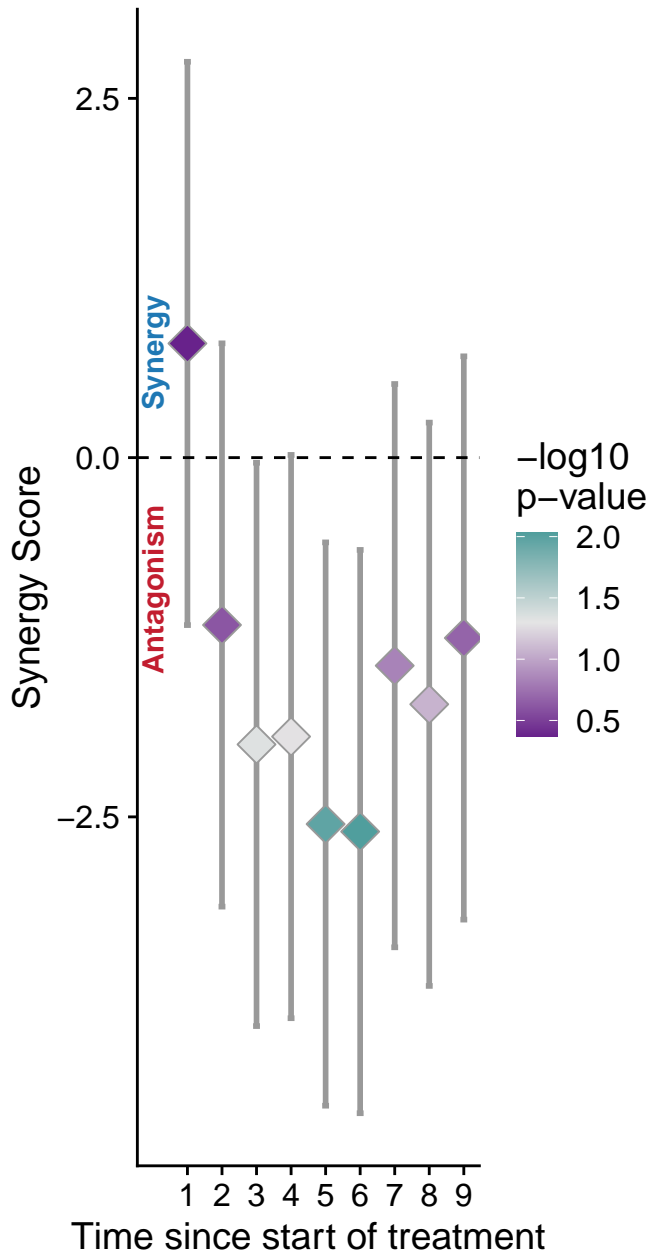




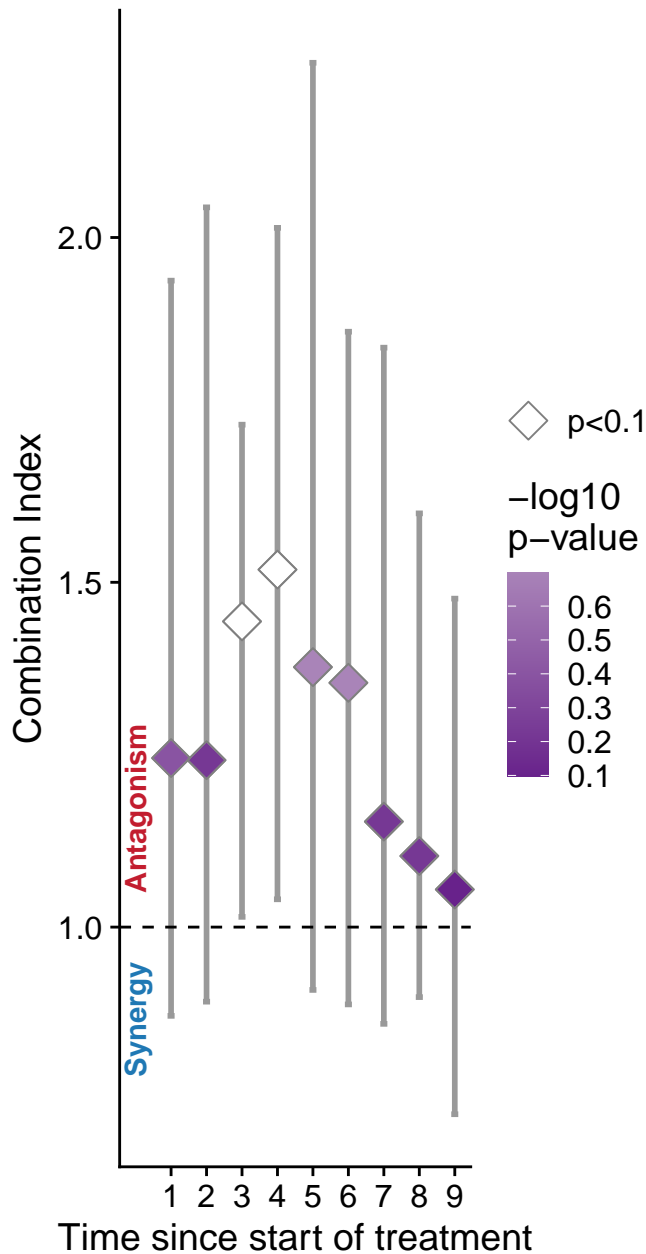
# Bliss Combination Index



# Bliss Synergy Score



# RA Combination Index



# RA Synergy Score

