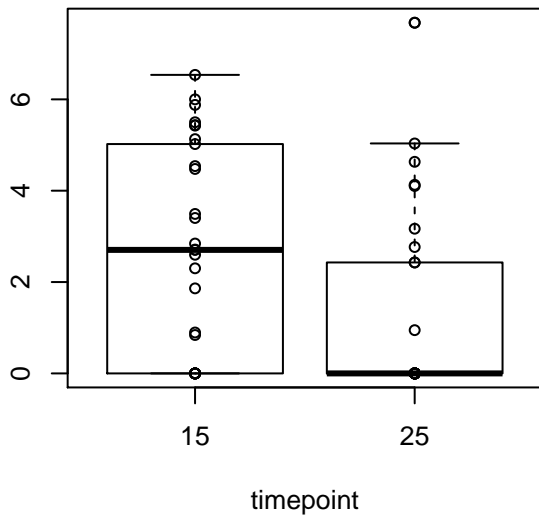
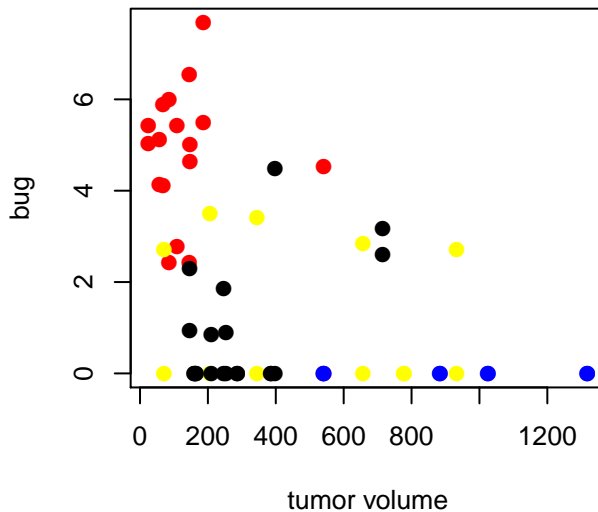


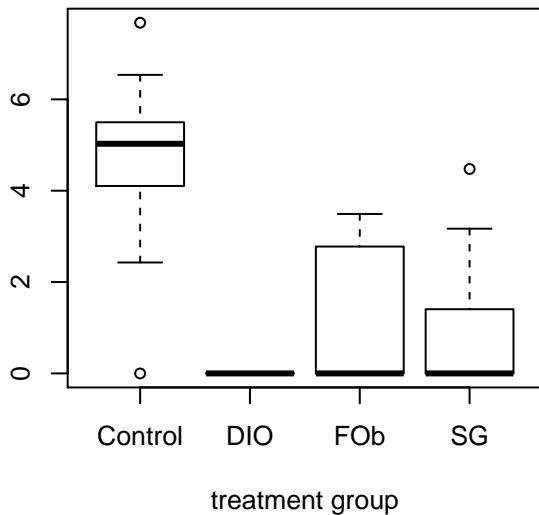
time  
k\_Bacteria.p\_Tenericutes.c\_Mollicutes.o\_RF39.f\_.g\_.  
q= 0.00069



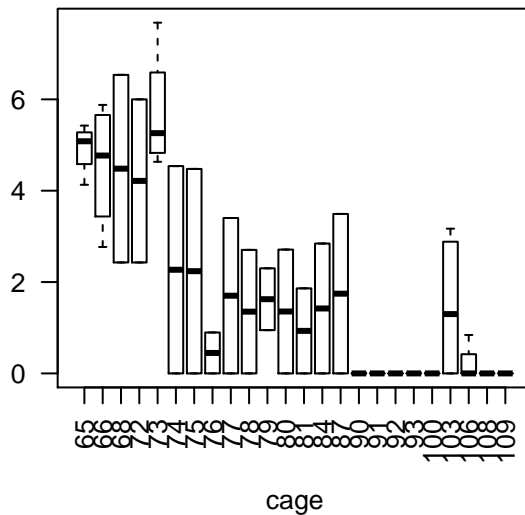
tumor volume  
q= 0.000151



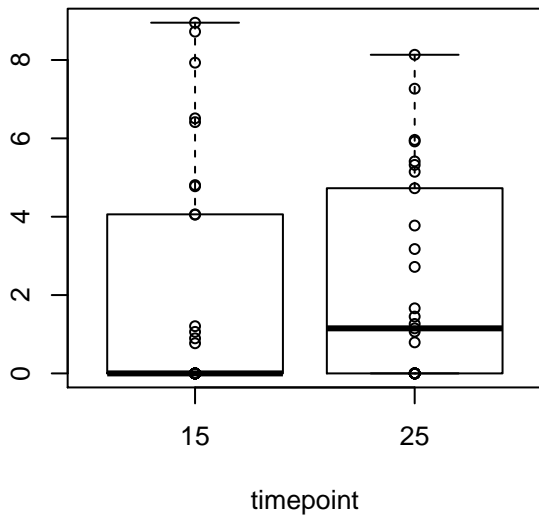
treatment group  
q= 4.72e-05  
timepoint fob vs sg =0.818



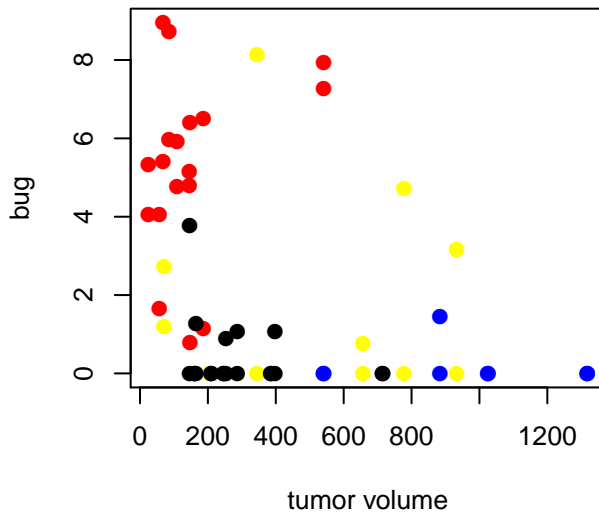
cage



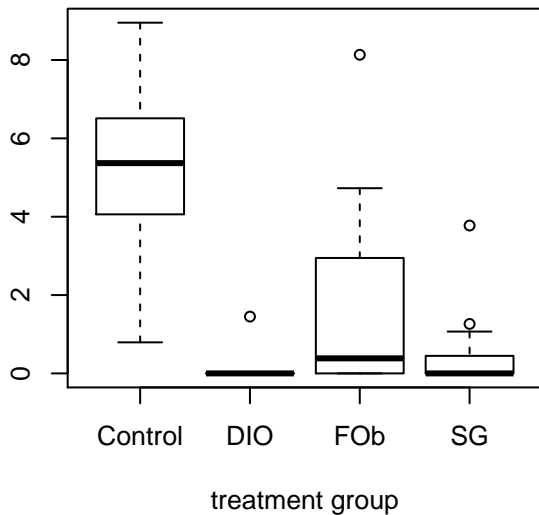
a.p.\_Firmicutes.c.\_Bacilli.o.\_Turicibacterales.f.\_Turicibacteracea  
time  
q= 0.813



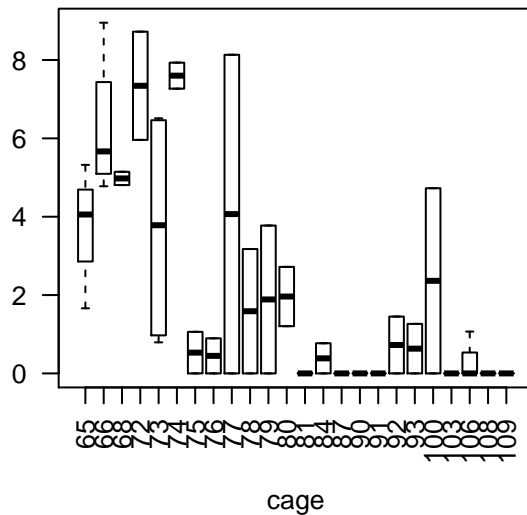
tumor volume  
q= 0.0187



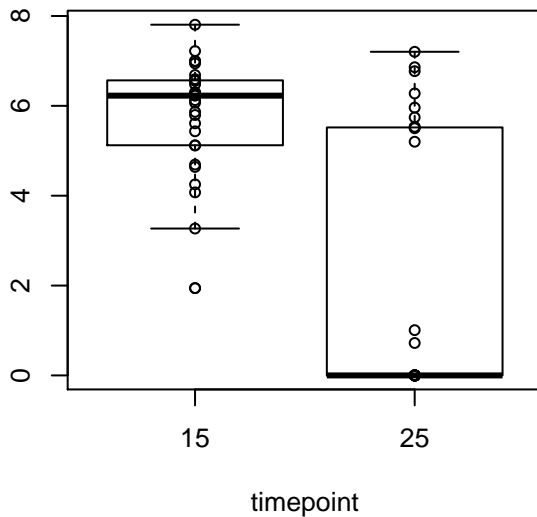
treatment group  
q= 0.000173  
timepoint fob vs sg =0.684



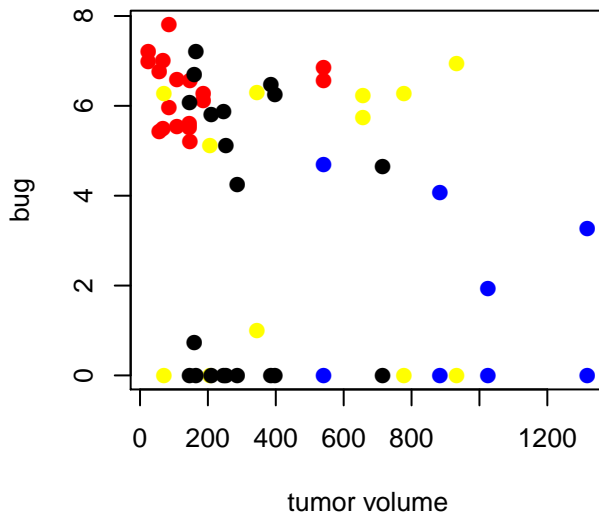
cage



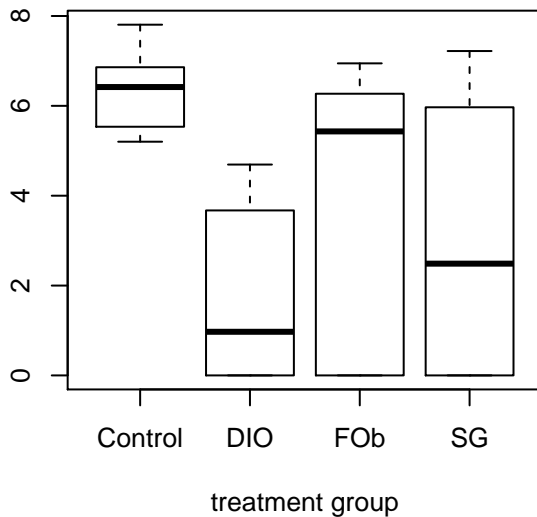
time  
k\_Bacteria.p\_TM7.c\_TM7.3.Other.Other.Other  
q= 2.89e-09



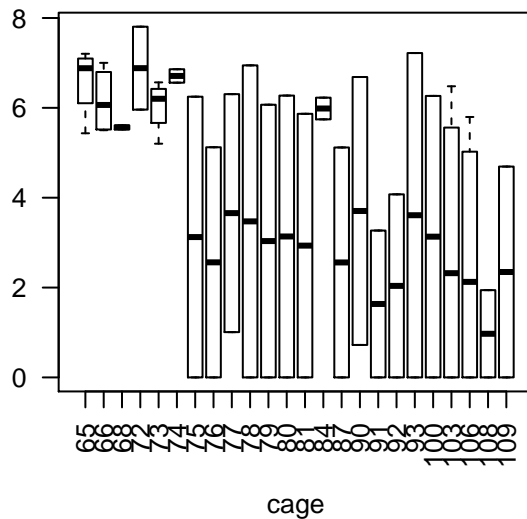
tumor volume  
q= 0.00105



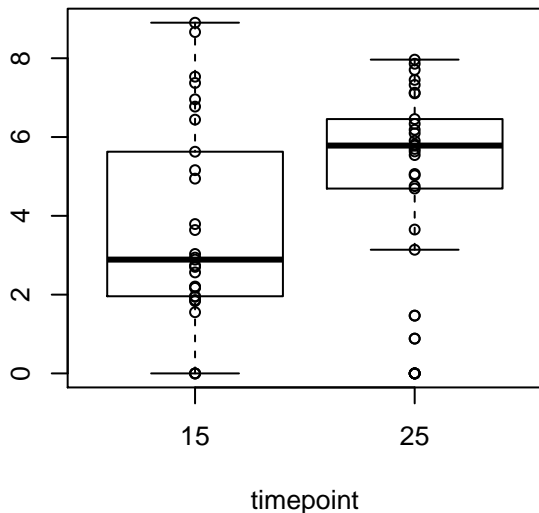
treatment group  
q= 0.000494  
timepoint fob vs sg =0.818



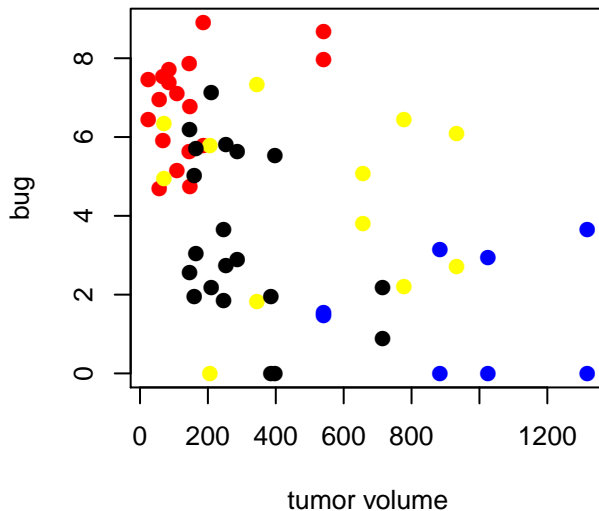
cage



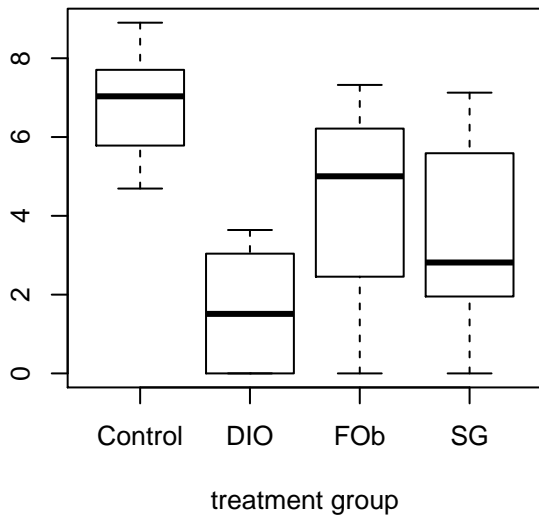
time  
Bacteria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Clostridi:  
q= 0.0164



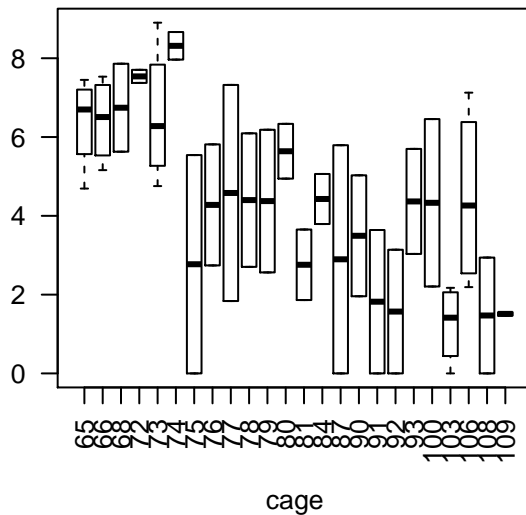
tumor volume  
q= 0.00053



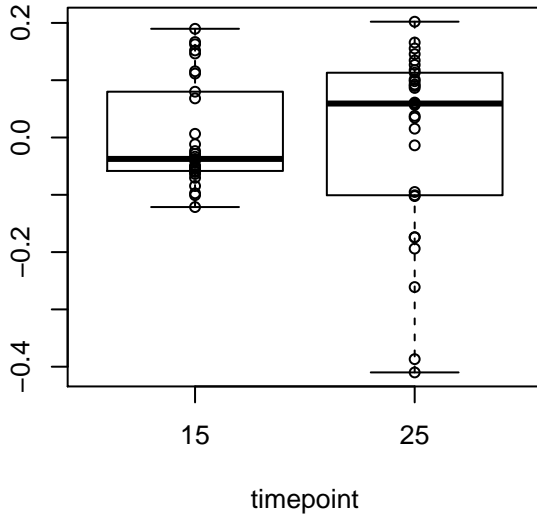
treatment group  
q= 0.00132  
timepoint fob vs sg =0.684



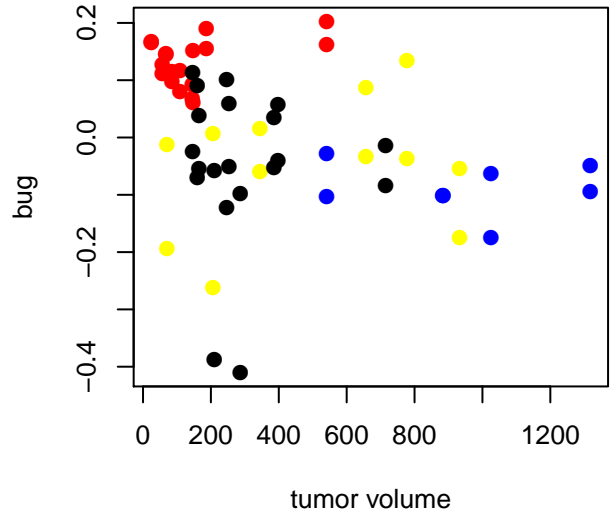
cage



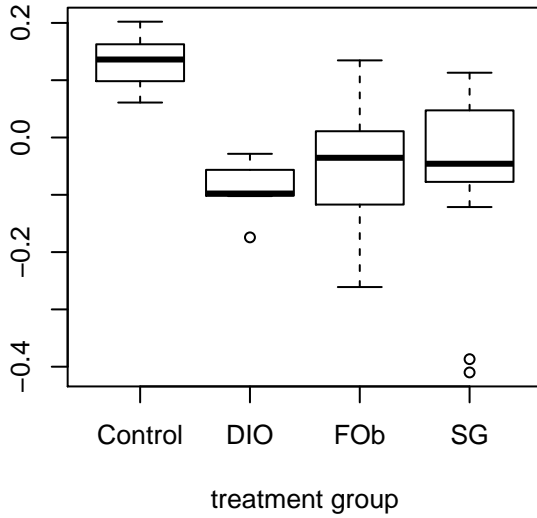
time  
MDS2  
q= 0.901



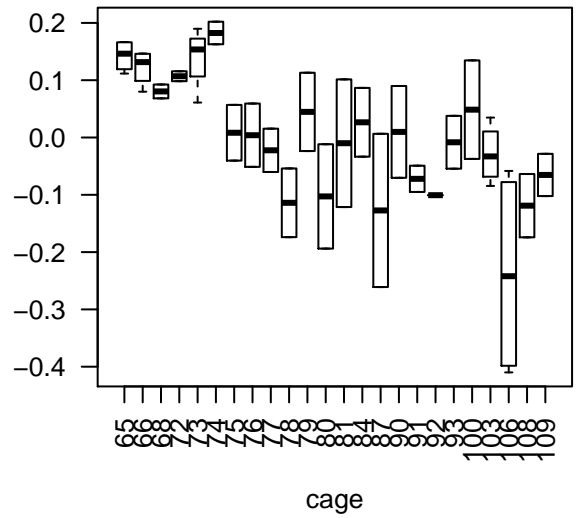
tumor volume  
q= 0.126



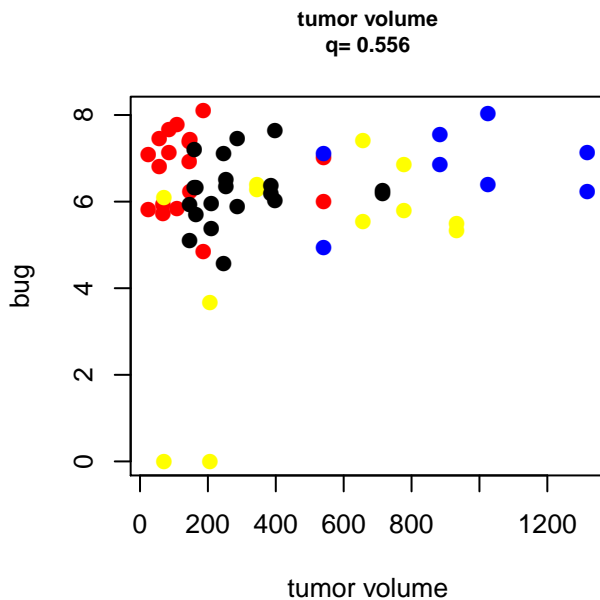
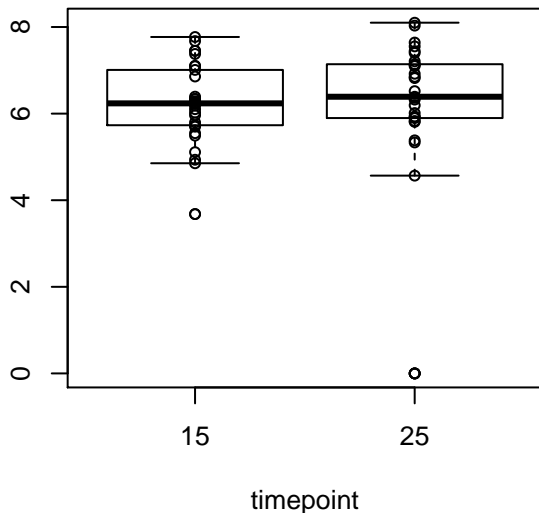
treatment group  
q= 0.0173  
timepoint fob vs sg =0.933



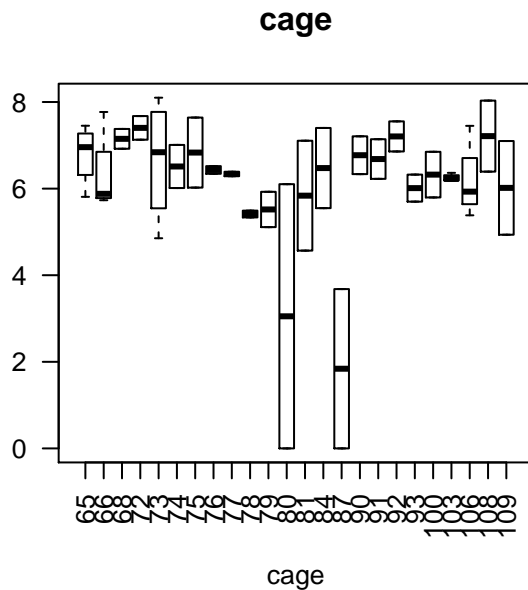
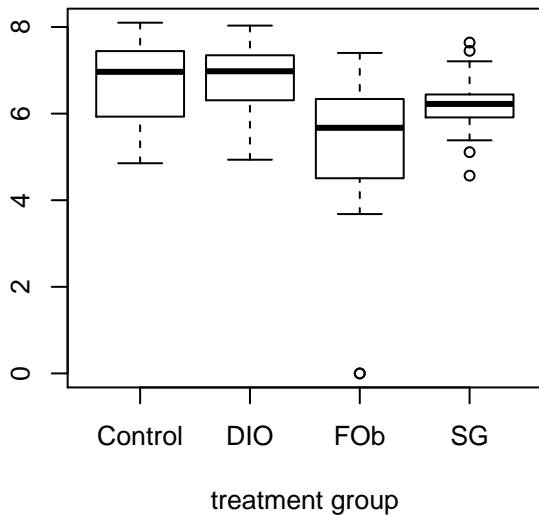
cage



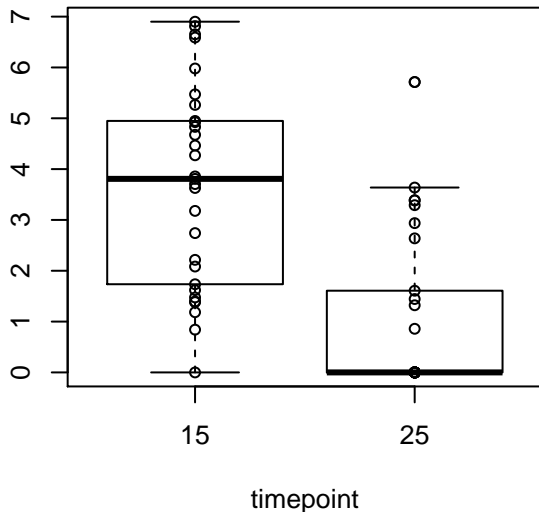
time  
 .p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Lachnospiraceae  
 q= 0.815



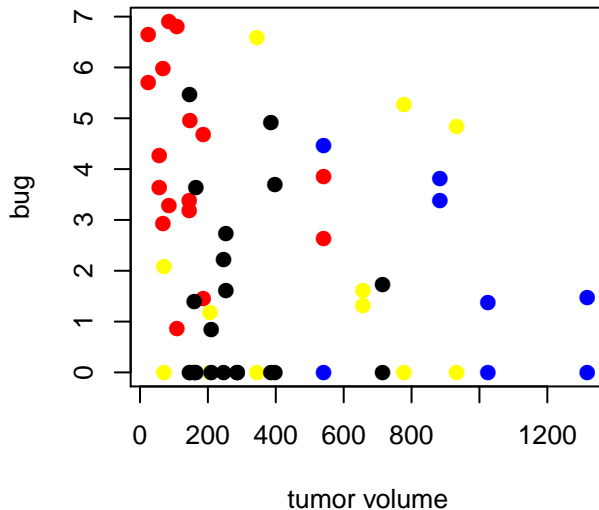
treatment group  
 q= 0.0173  
 timepoint fob vs sg =0.818



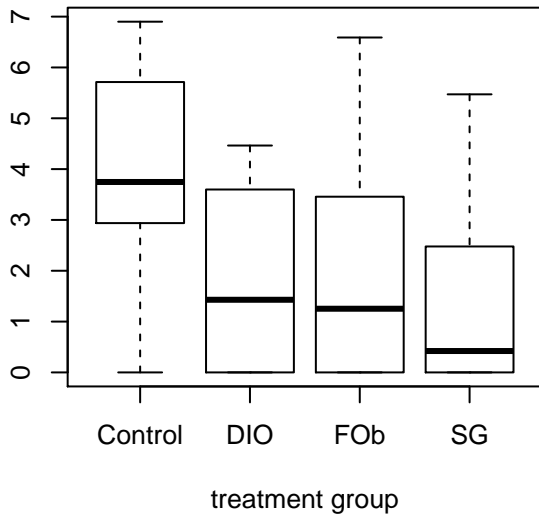
time  
k\_Bacteria.p\_TM7.c\_TM7.3.o\_CW040.f\_F16.g\_  
q= 1.6e-07



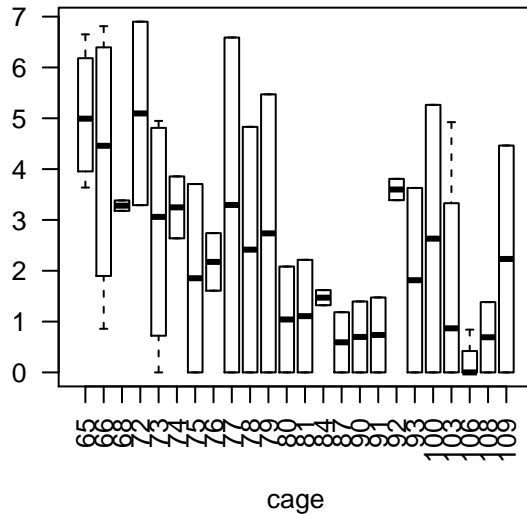
tumor volume  
q= 0.244



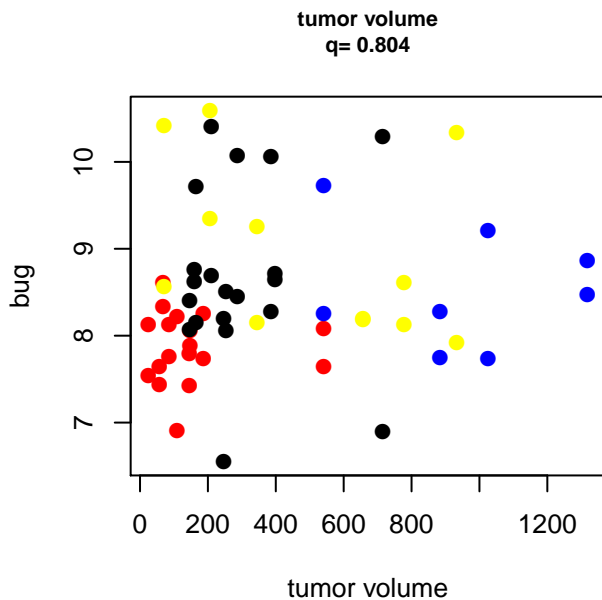
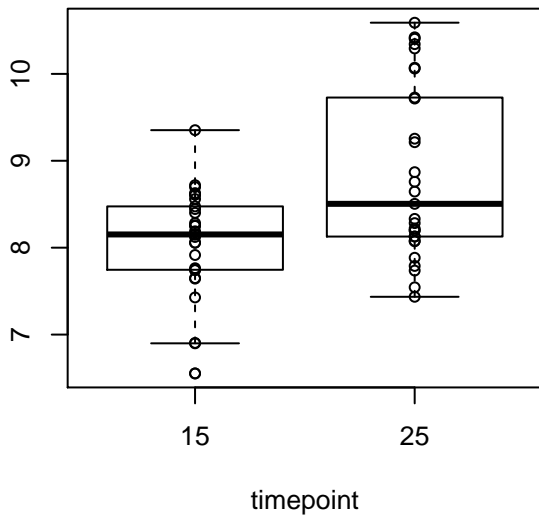
treatment group  
q= 0.0314  
timepoint fob vs sg =0.933



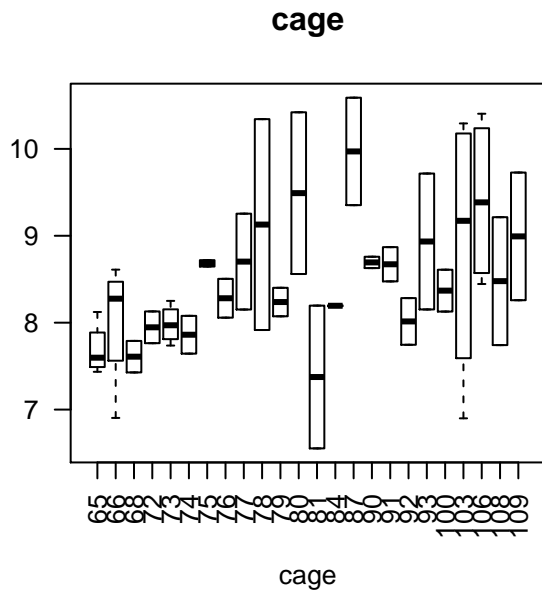
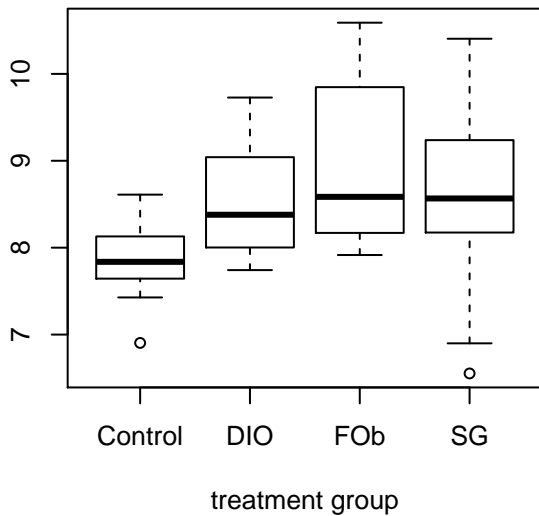
cage



time  
 \_Bacteroidetes.c\_Bacteroidia.o\_Bacteroidales.f\_Bacteroidac  
 q= 0.000362

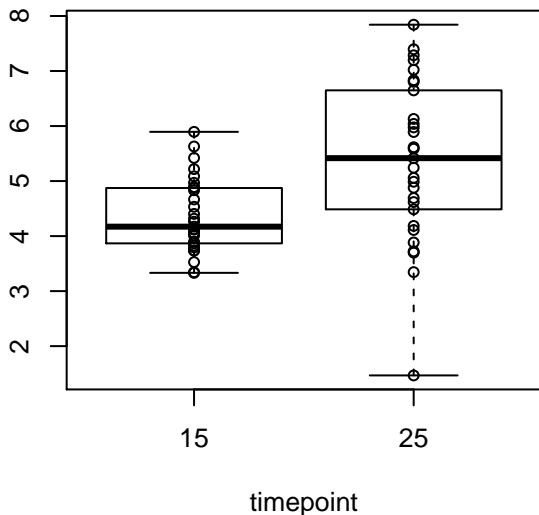


treatment group  
 q= 0.0452  
 timepoint fob vs sg =0.933

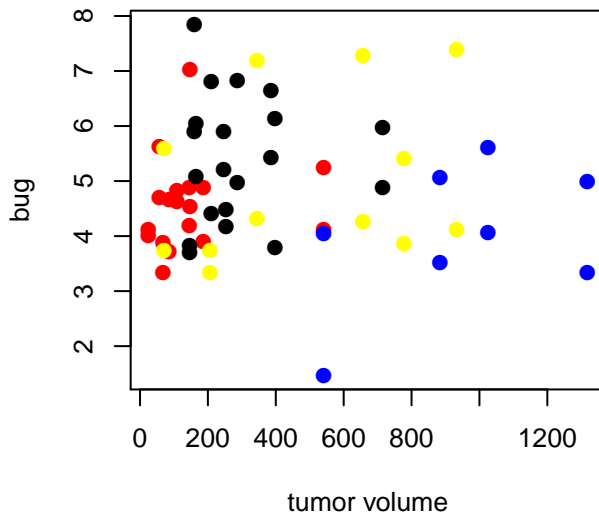




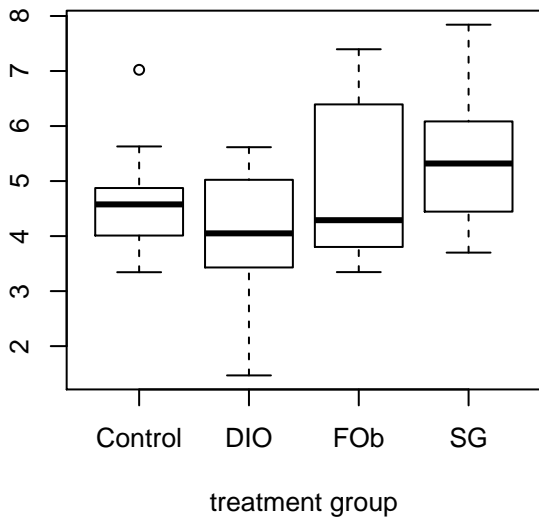
time  
 bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.f\_Ruminococci  
 q= 0.0013



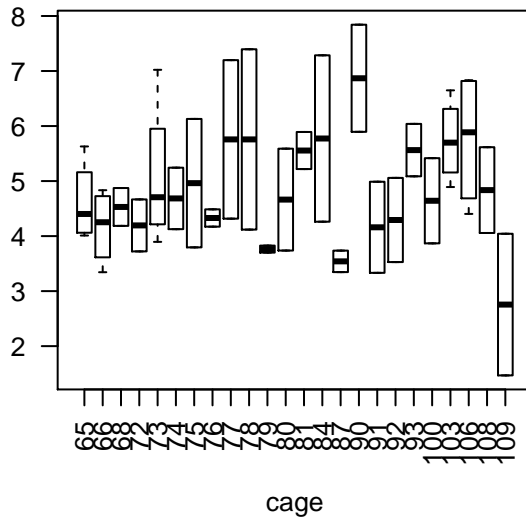
tumor volume  
 q= 0.997



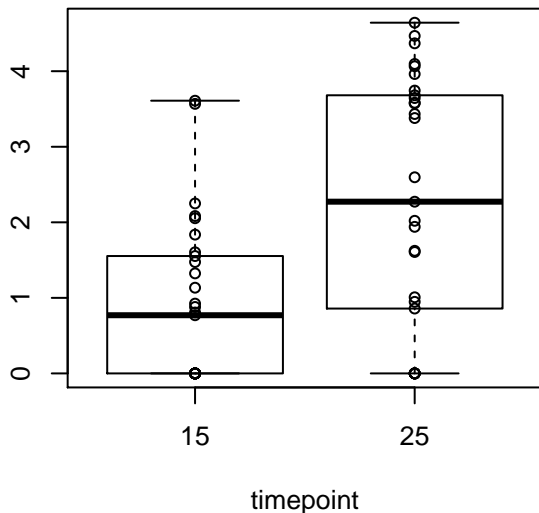
treatment group  
 q= 0.0702  
 timepoint fob vs sg =0.997



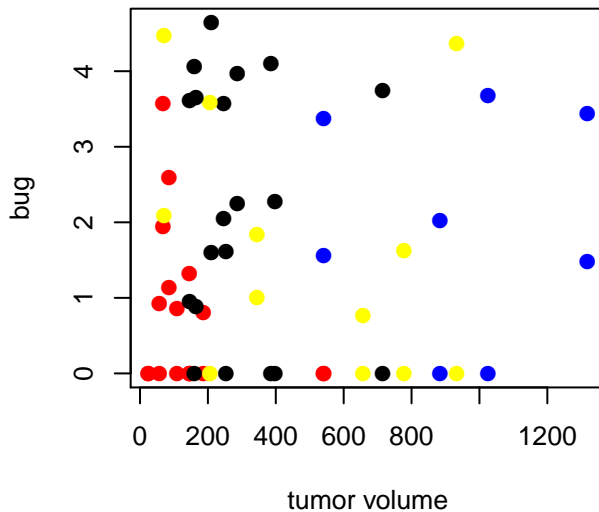
cage



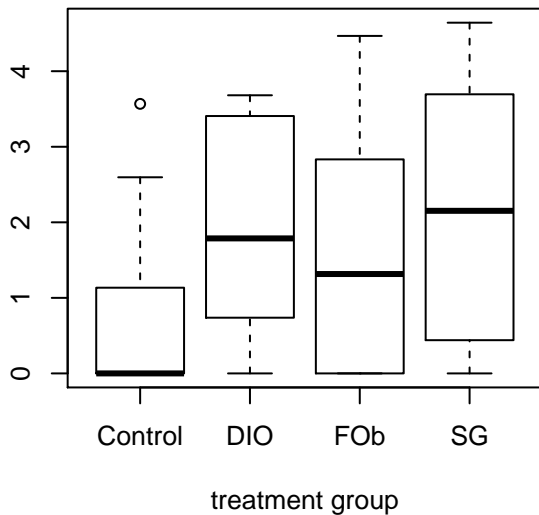
time  
 i.p.\_Firmicutes.c\_Bacilli.o\_Lactobacillales.f\_Enterococcaceae.  
 $q = 0.000941$



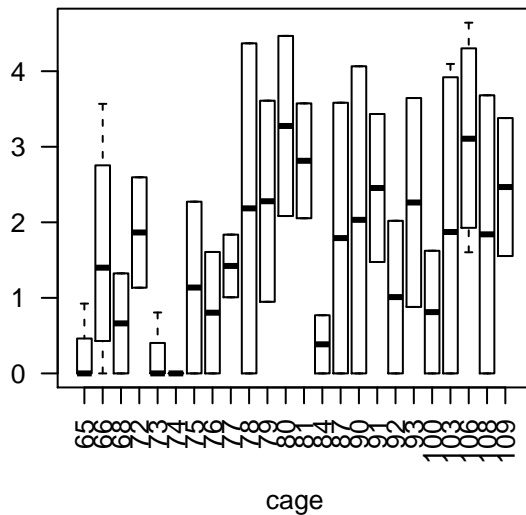
tumor volume  
 $q = 0.879$



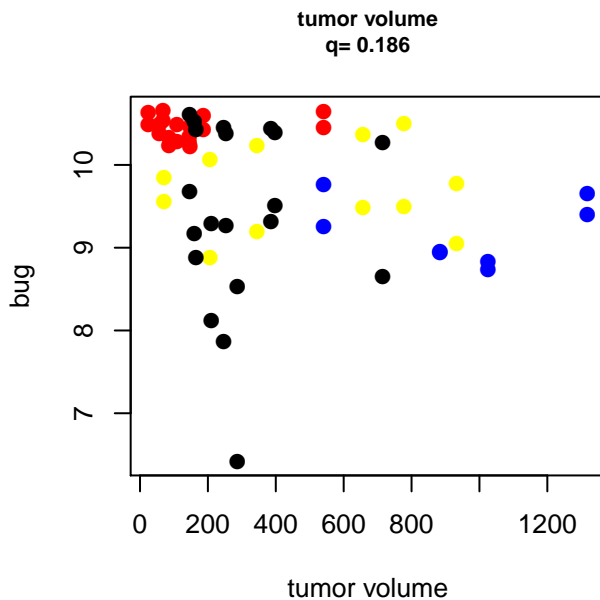
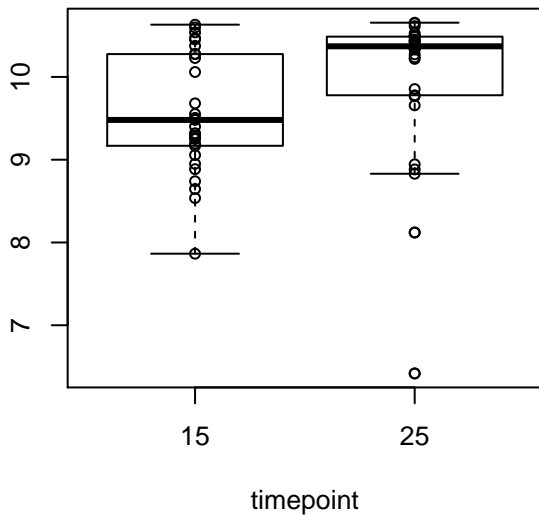
treatment group  
 $q = 0.0702$   
 timepoint fob vs sg = 0.851



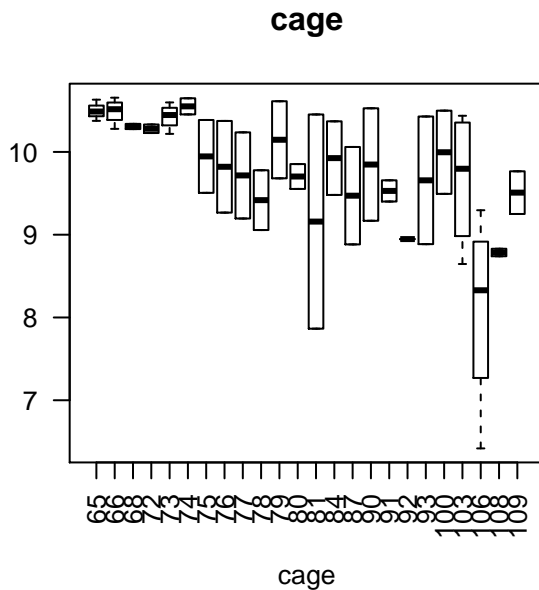
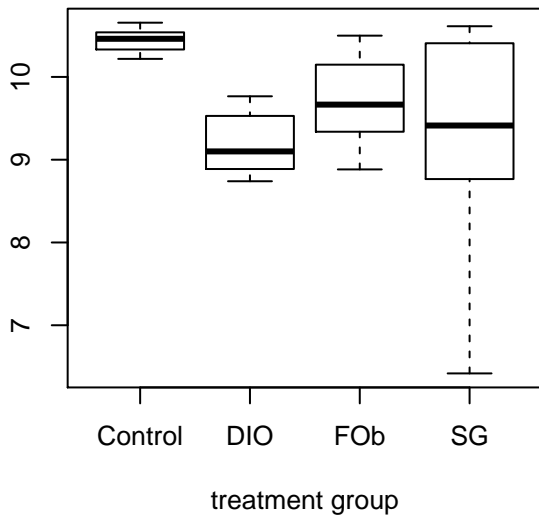
cage



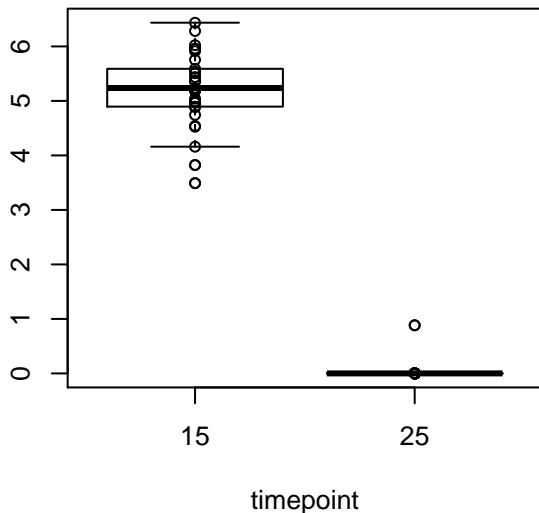
time  
 Bacteria.p\_Bacteroidetes.c\_Bacteroidia.o\_Bacteroidales.f\_S  
 q= 0.0376



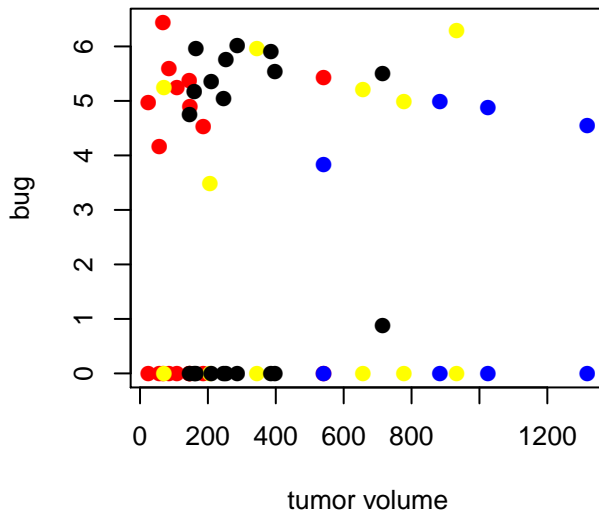
treatment group  
 q= 0.0883  
 timepoint fob vs sg =0.933



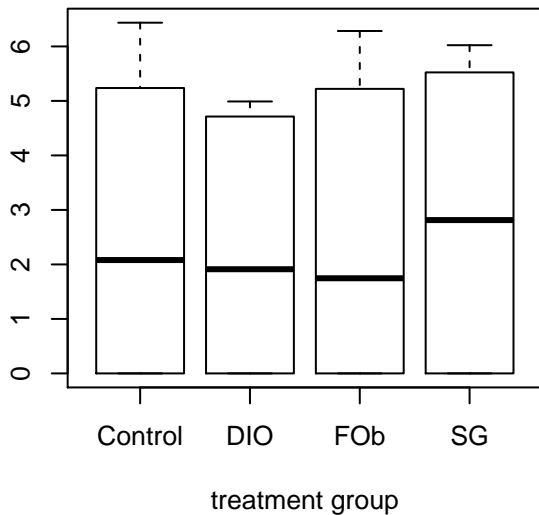
time  
 Coriobacteria.c\_\_Coriobacteriia.o\_\_Coriobacteriales.f\_\_Coriobacteri  
 q= 0



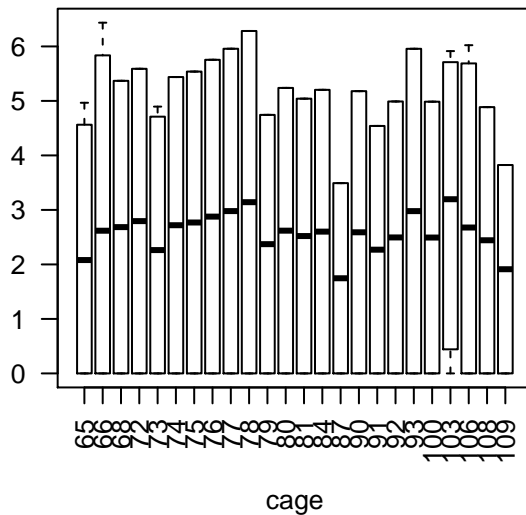
tumor volume  
 q= 0.997



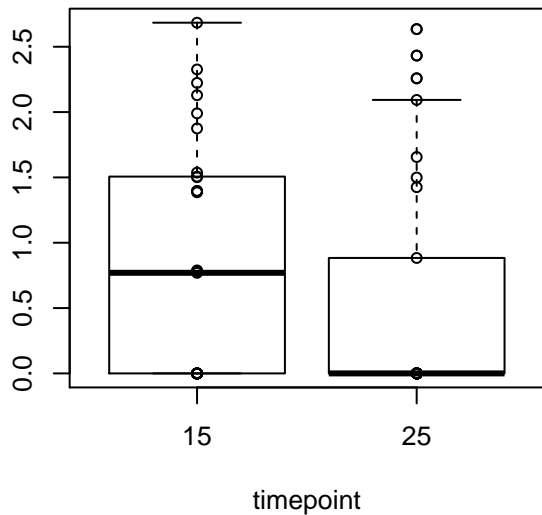
treatment group  
 q= 0.123  
 timepoint fob vs sg =0.818



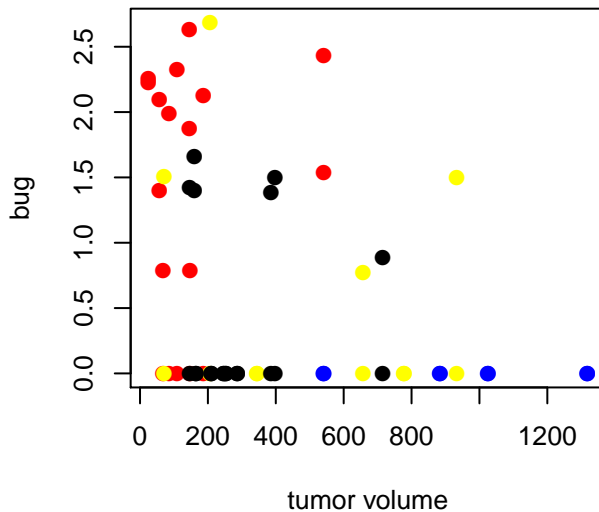
cage



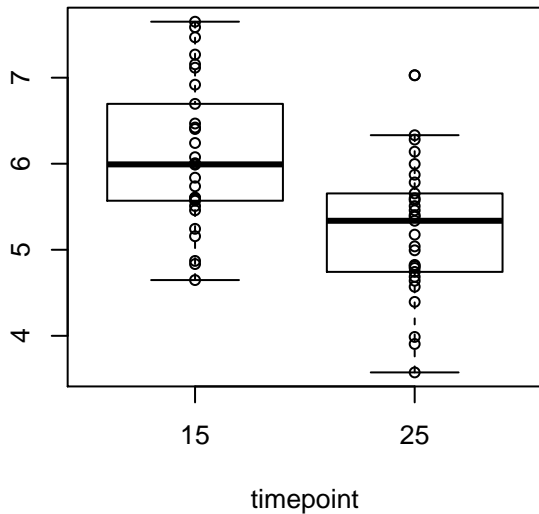
time  
 ia.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.f\_Eubacteriaceae.  
 q= 0.15



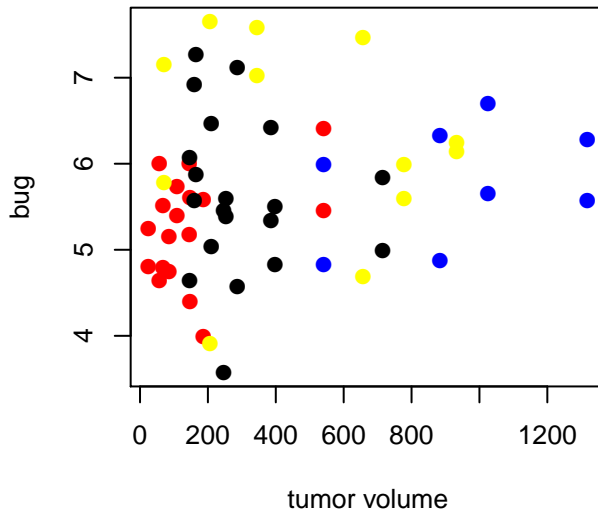
tumor volume  
 q= 0.126



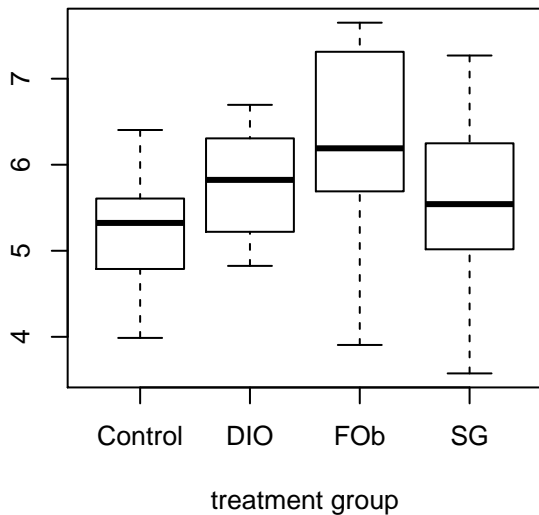
a.p\_Firmicutes.c\_Bacilli.o\_Lactobacillales.f\_Streptococcaceae  
time  
q= 0.000356



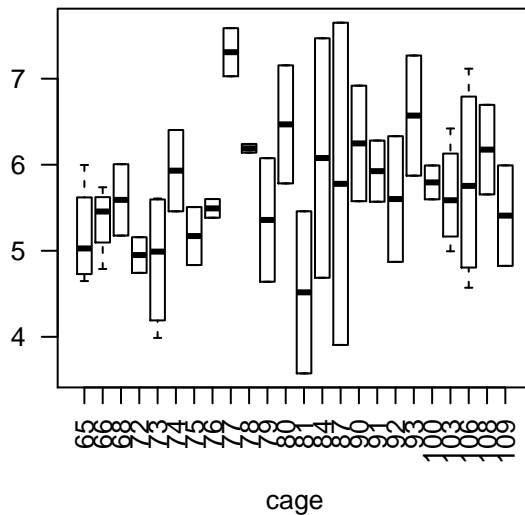
tumor volume  
q= 0.513



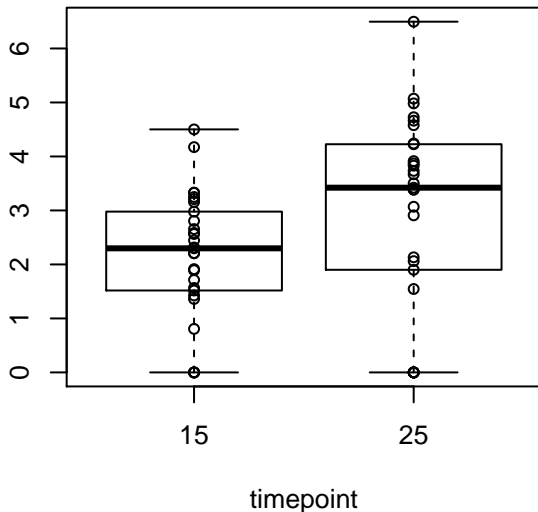
treatment group  
q= 0.153  
timepoint fob vs sg =0.818



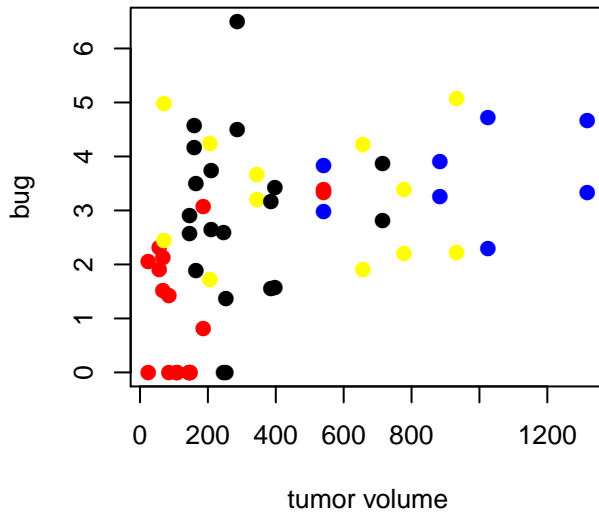
cage



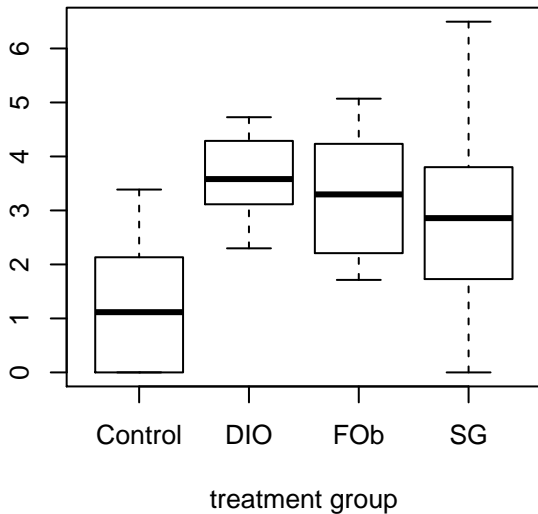
time  
 O\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Ruminococcaceae  
 $q = 0.021$



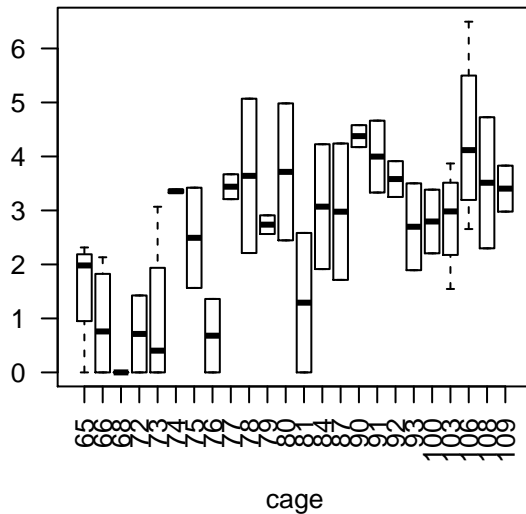
tumor volume  
 $q = 0.0268$



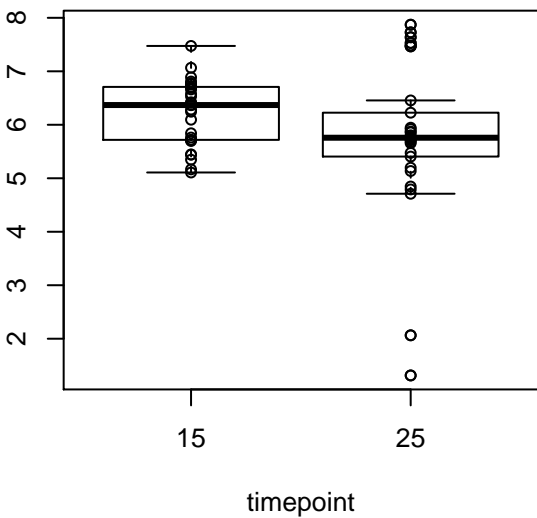
treatment group  
 $q = 0.173$   
 timepoint fob vs sg  $= 0.684$



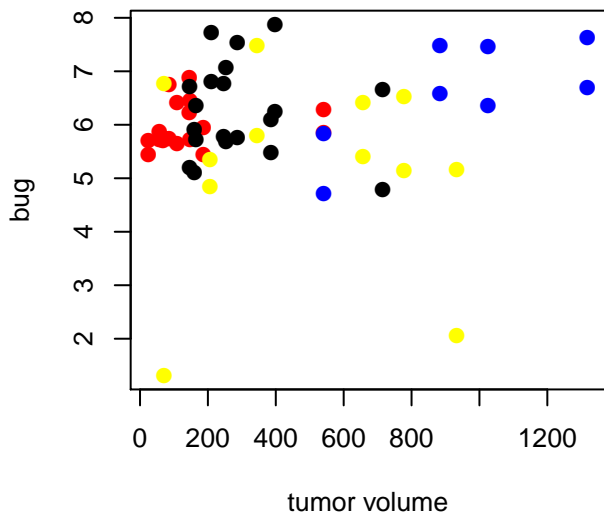
cage



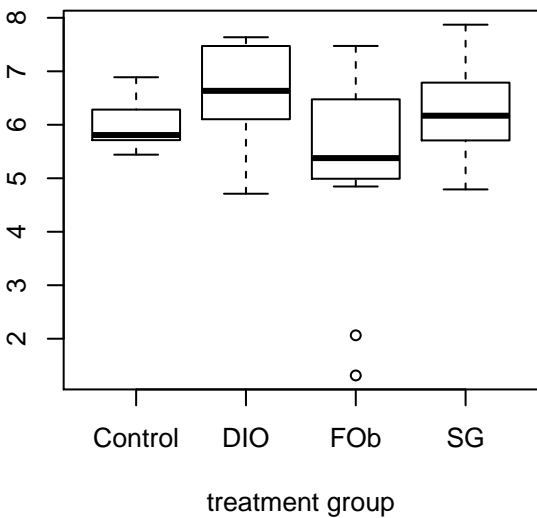
time  
k\_Bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.Other.C  
q= 0.105



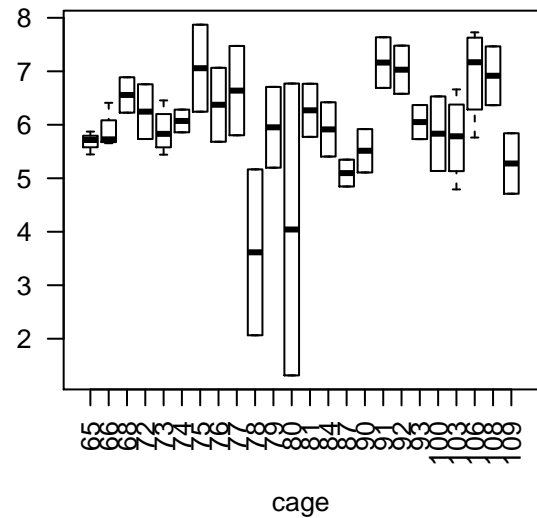
tumor volume  
q= 0.771



treatment group  
q= 0.173  
timepoint fob vs sg =0.684

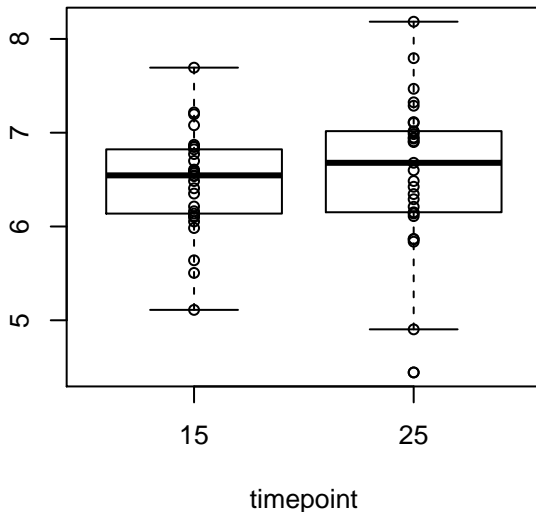


cage

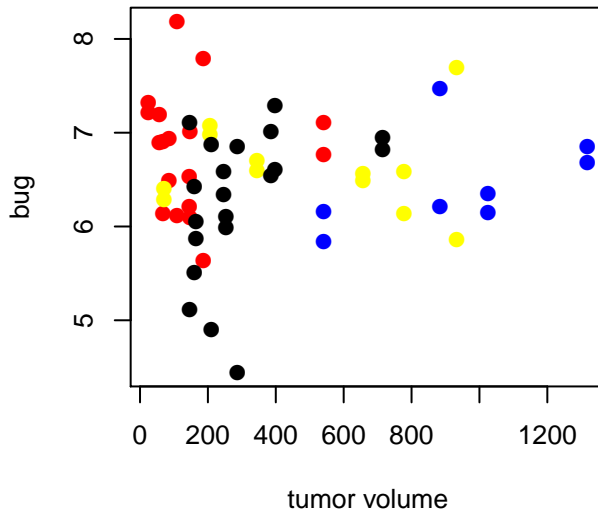




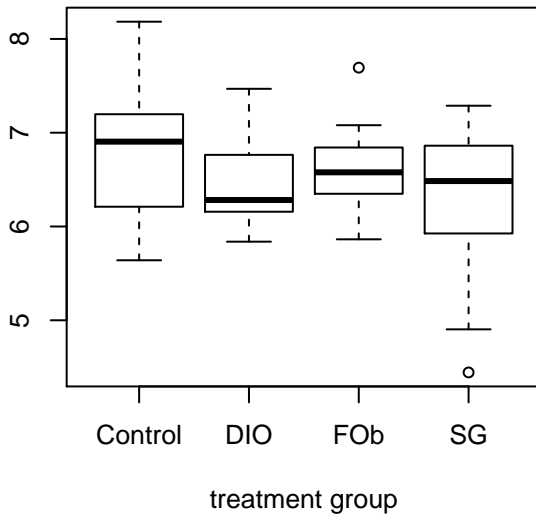
time  
Unassigned.Other.Other.Other.Other  
q= 0.597



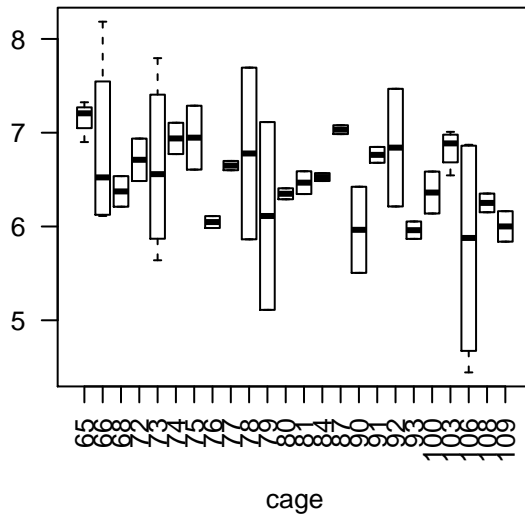
tumor volume  
q= 0.879



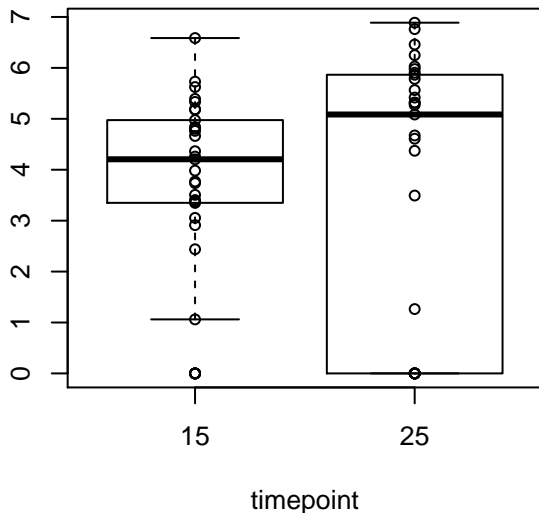
treatment group  
q= 0.222  
timepoint fob vs sg =0.933



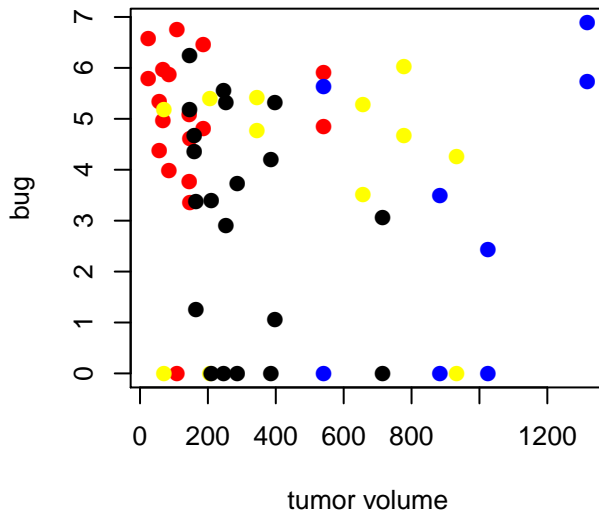
cage



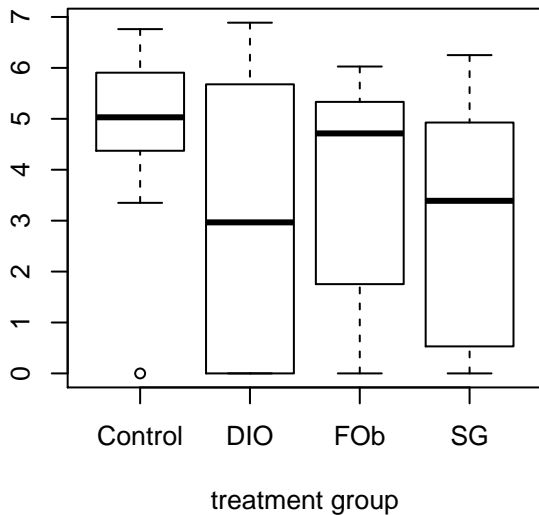
time  
k\_Bacteria.p\_Proteobacteria.c\_Alphaproteobacteria.o\_RF32.f  
q= 0.858



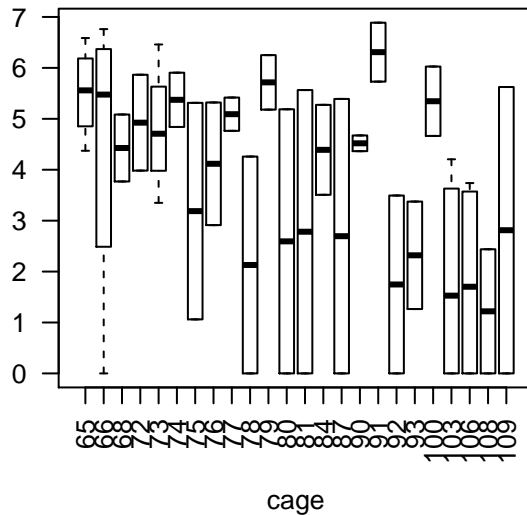
tumor volume  
q= 0.746



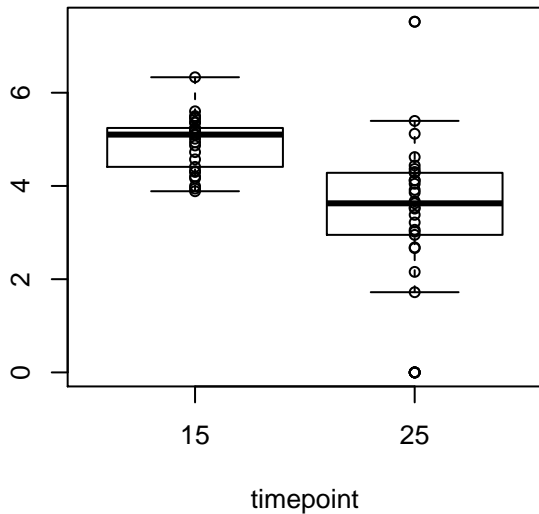
treatment group  
q= 0.283  
timepoint fob vs sg =0.989



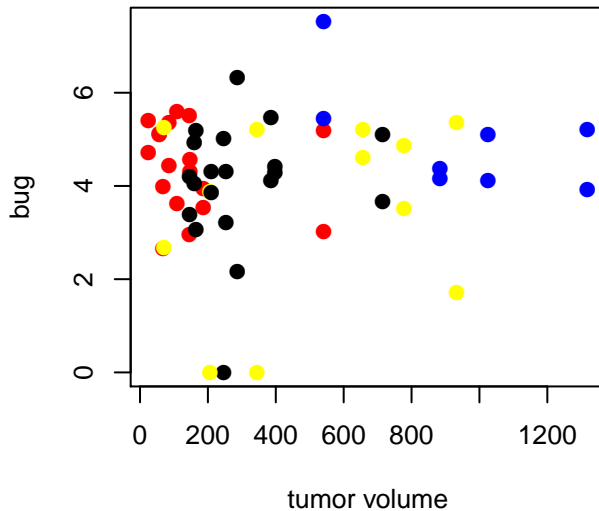
cage



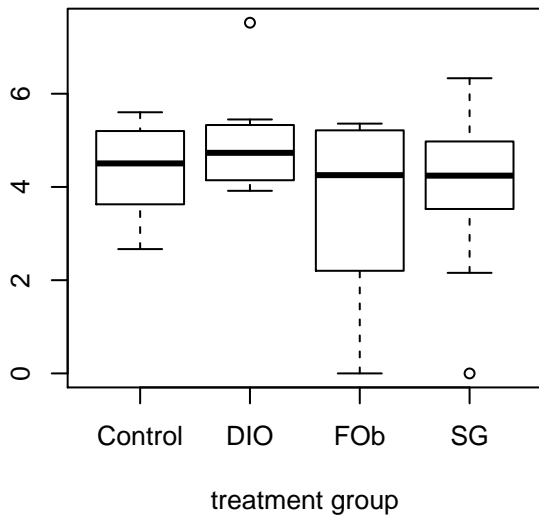
time  
bacteria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Mogibacte  
q= 7.51e-05



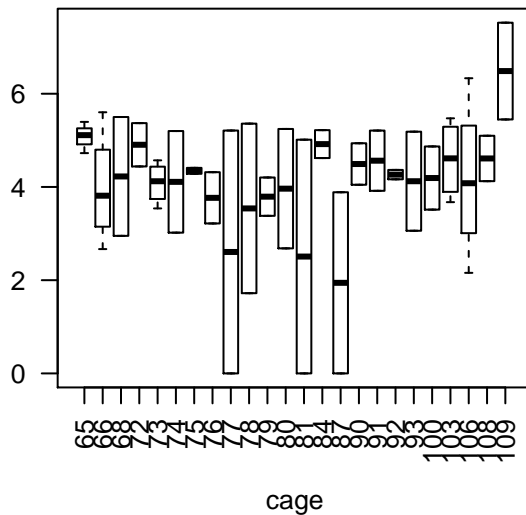
tumor volume  
q= 0.787



treatment group  
q= 0.283  
timepoint fob vs sg =0.818



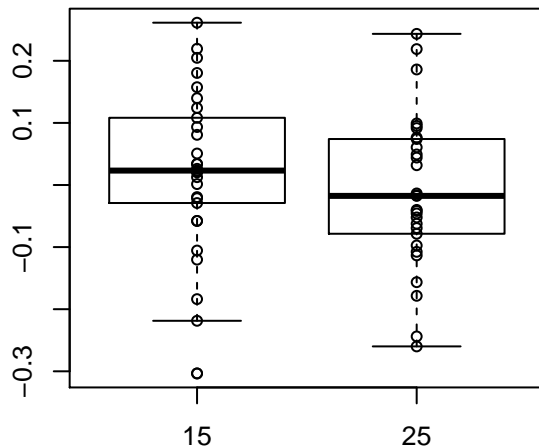
cage



time

MDS10

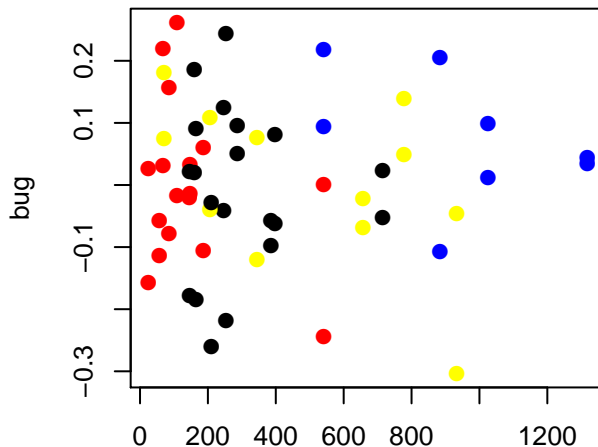
q= 0.389



timepoint

tumor volume

q= 0.928

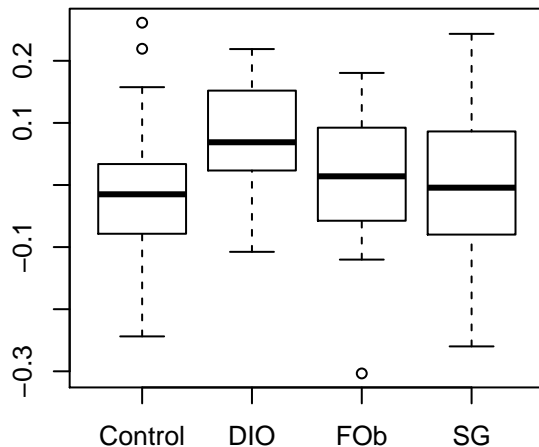


tumor volume

treatment group

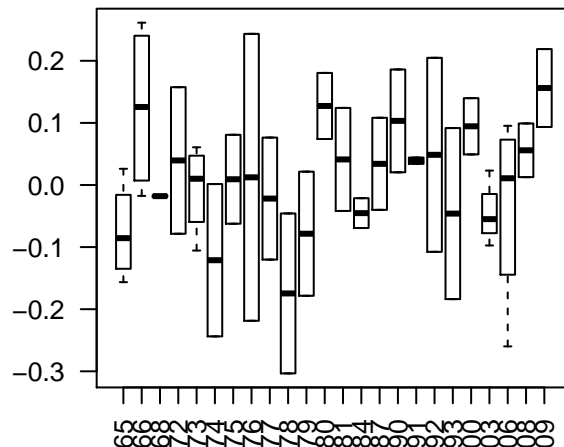
q= 0.283

timepoint fob vs sg =0.933



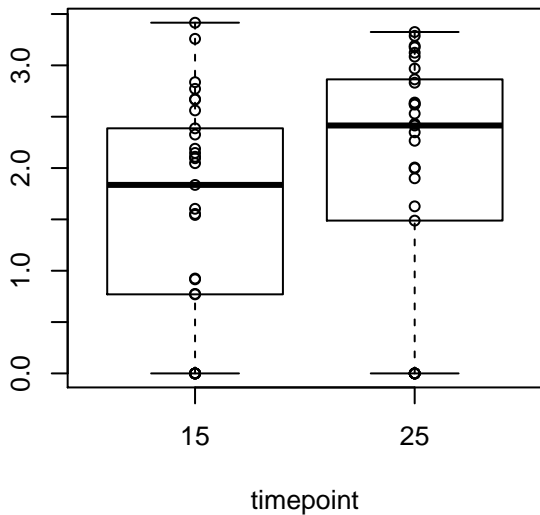
treatment group

cage

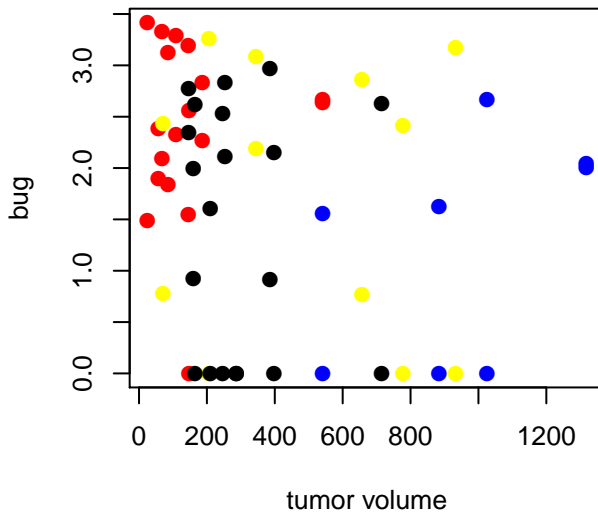


cage

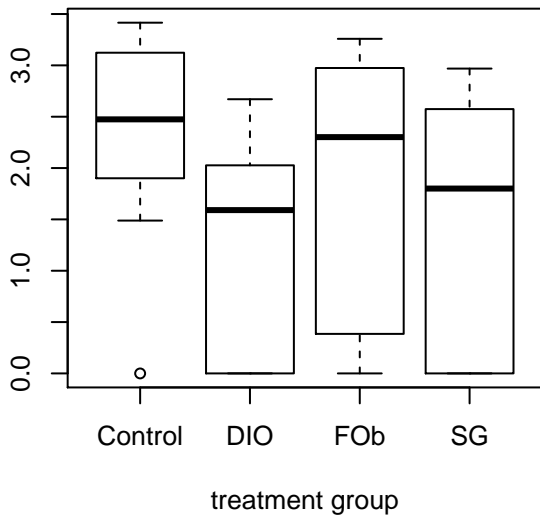
time  
Bacteria.p Bacteroidetes.c Bacteroidia.o Bacteroidales.Oth  
q= 0.276



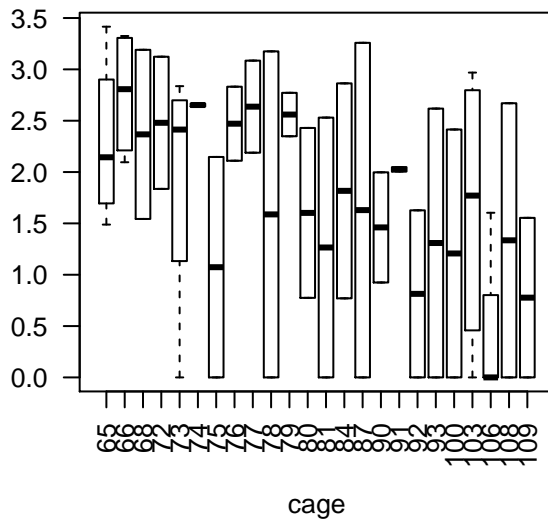
tumor volume  
q= 0.513



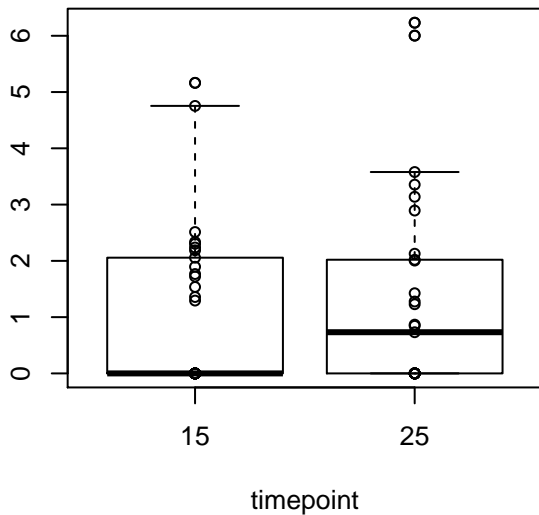
treatment group  
q= 0.283  
timepoint fob vs sg =0.851



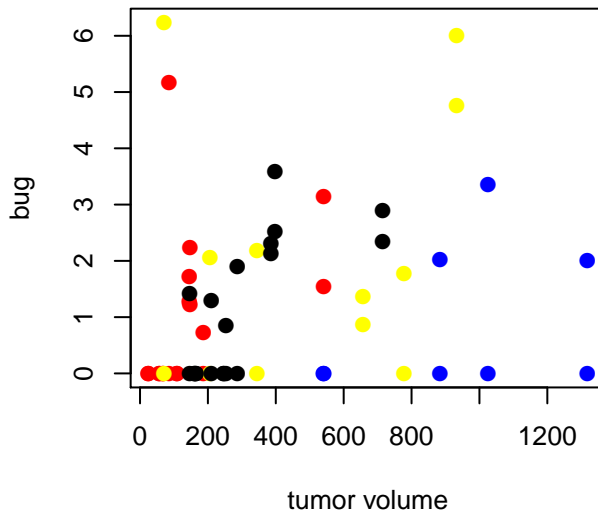
cage



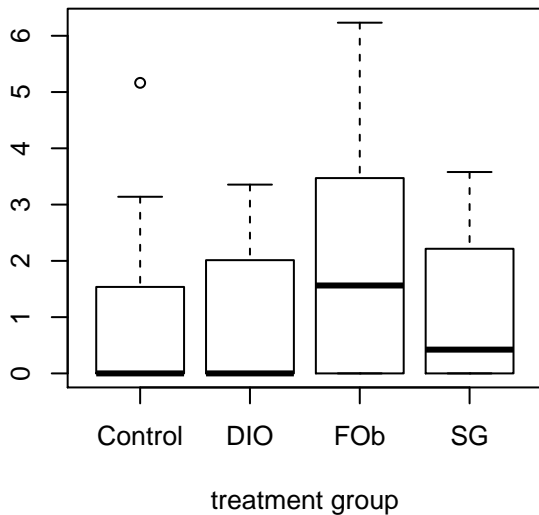
micutes.c\_\_Erysipelotrichi.o\_\_Erysipelotrichales.f\_\_Erysipelotrich  
q= 0.768



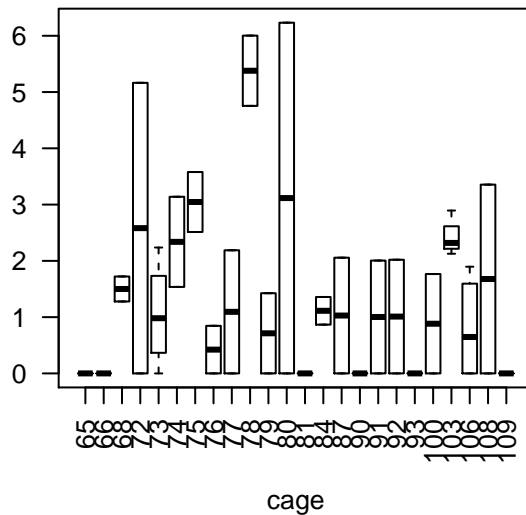
tumor volume  
q= 0.442



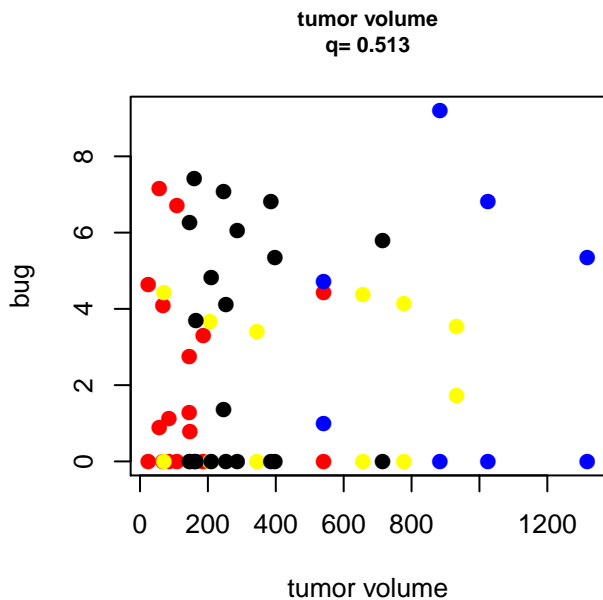
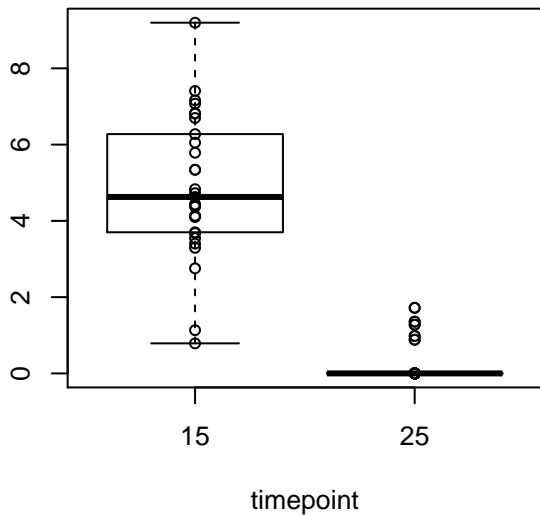
treatment group  
q= 0.309  
timepoint fob vs sg =0.876



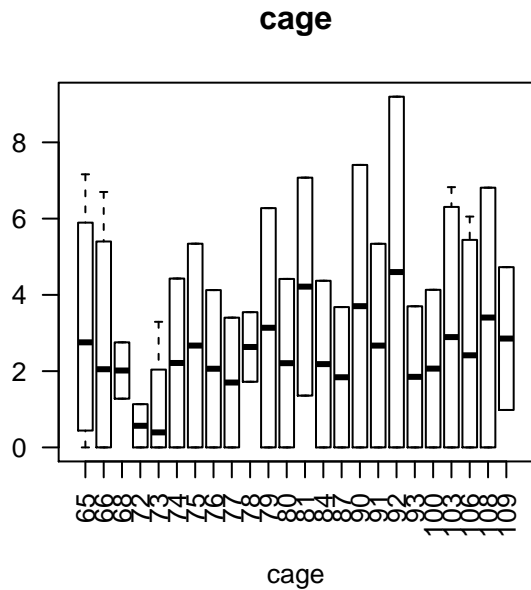
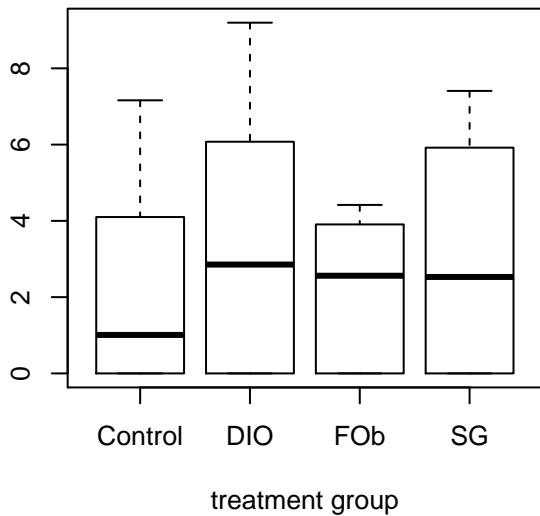
**cage**



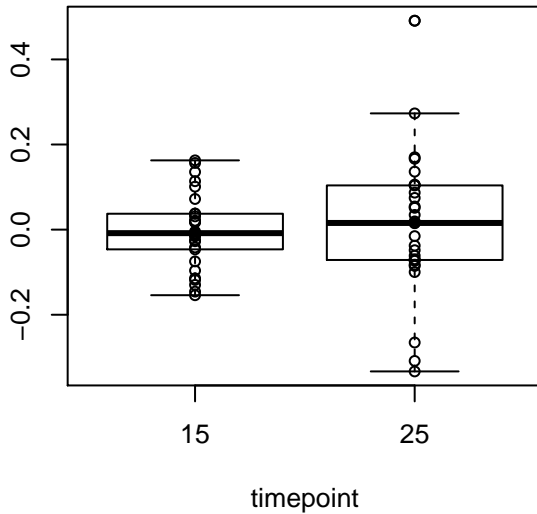
time  
 erribacteres.c\_\_Deferribacteres.o\_\_Deferribacterales.f\_\_Deferribac  
 $q = 8.95e-14$



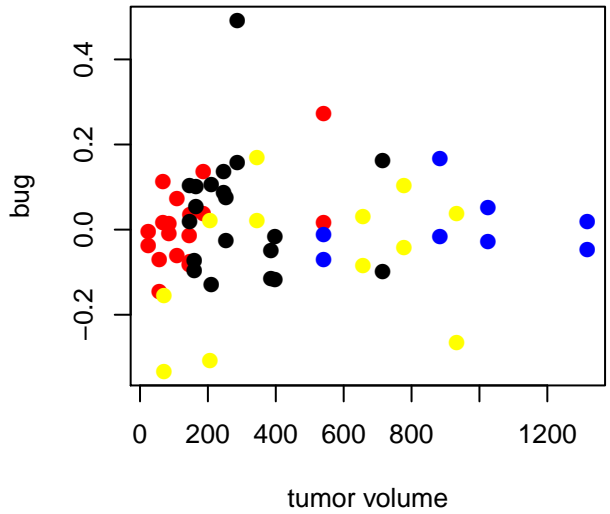
treatment group  
 $q = 0.309$   
 timepoint fob vs sg = 0.933



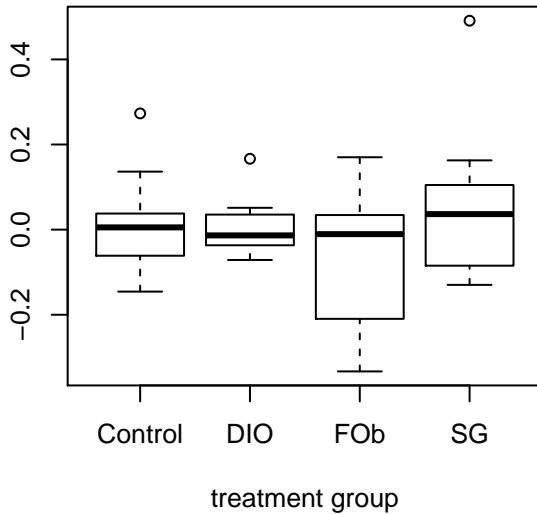
**time**  
**MDS5**  
**q= 0.763**



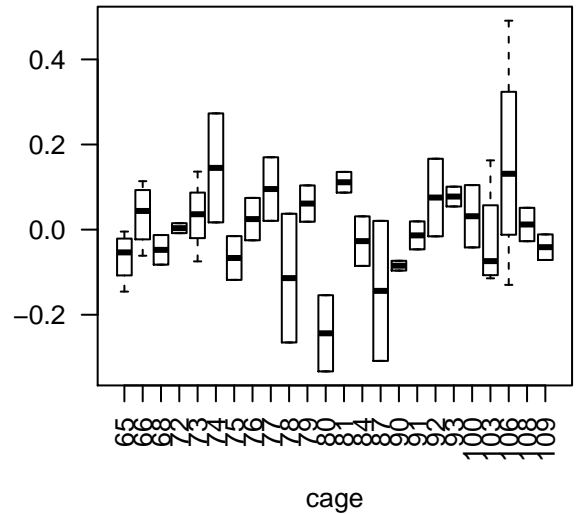
**tumor volume**  
**q= 0.879**



**treatment group**  
**q= 0.334**  
**timepoint fob vs sg =0.684**

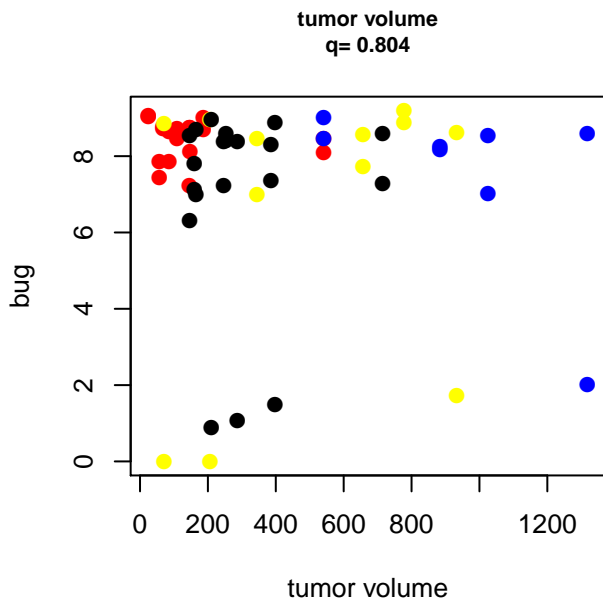
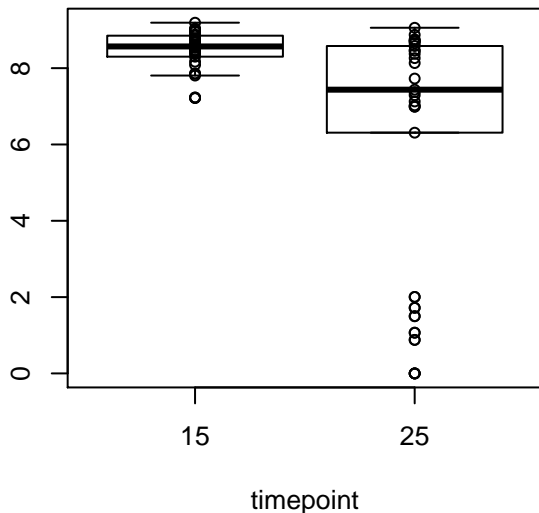


**cage**

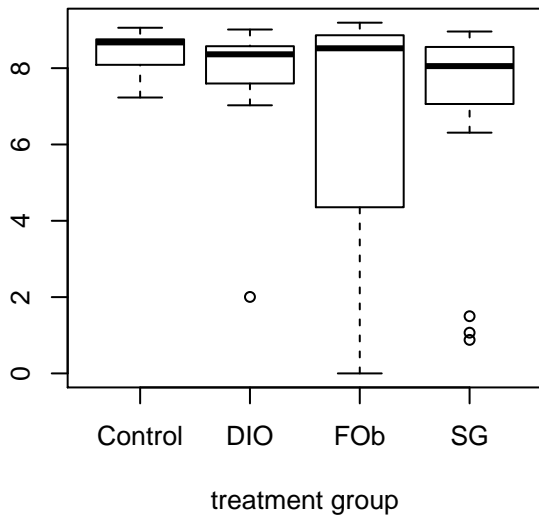




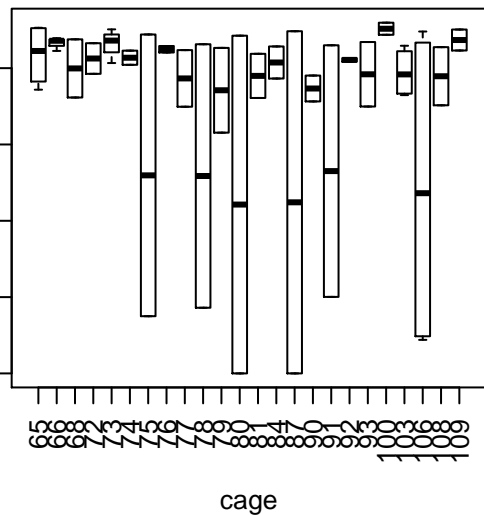
time  
 \_Bacteroidetes.c \_Bacteroidia.o \_Bacteroidales.f \_Odoribacterac  
 q= 0.00157



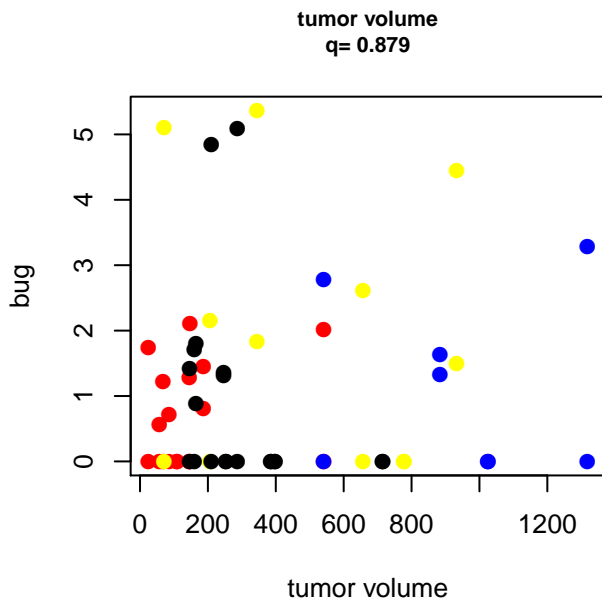
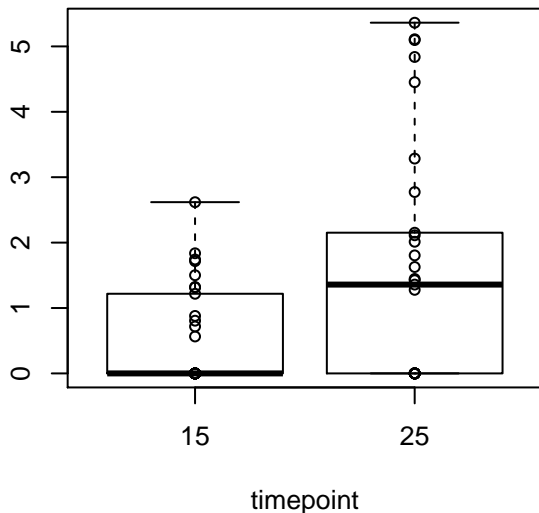
treatment group  
 q= 0.334  
 timepoint fob vs sg =0.93



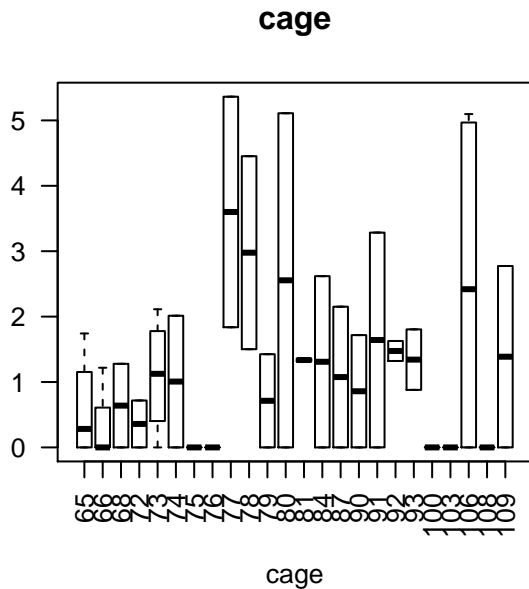
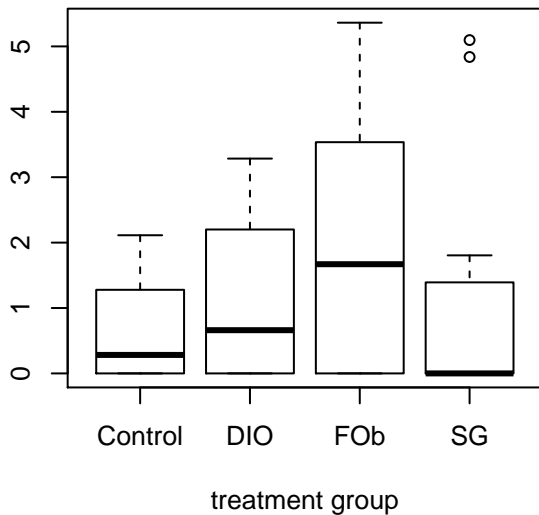
cage



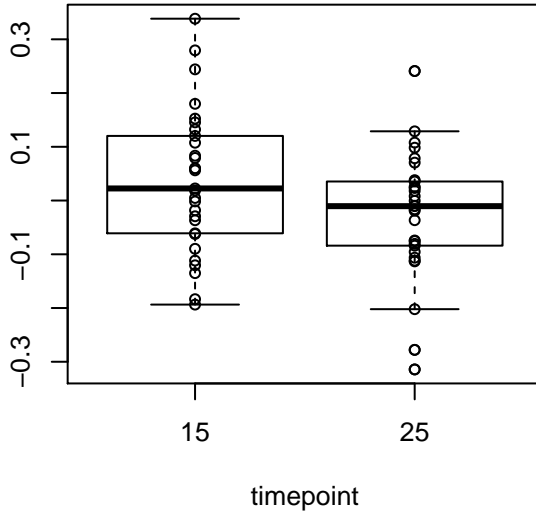
time  
 eria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Lachnospirac  
 $q = 0.0129$



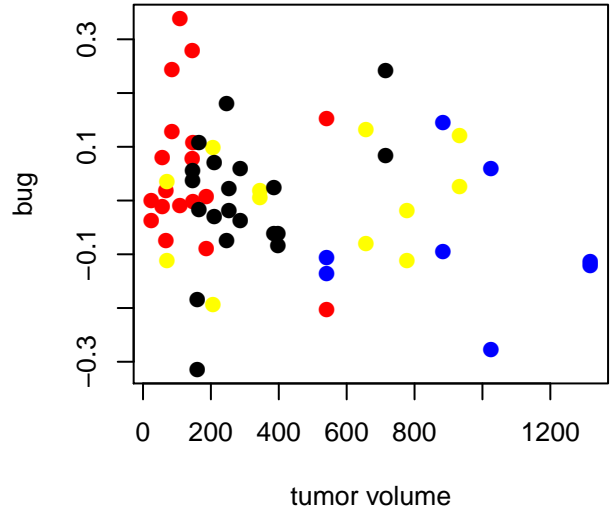
treatment group  
 $q = 0.334$   
 timepoint fob vs sg = 0.818



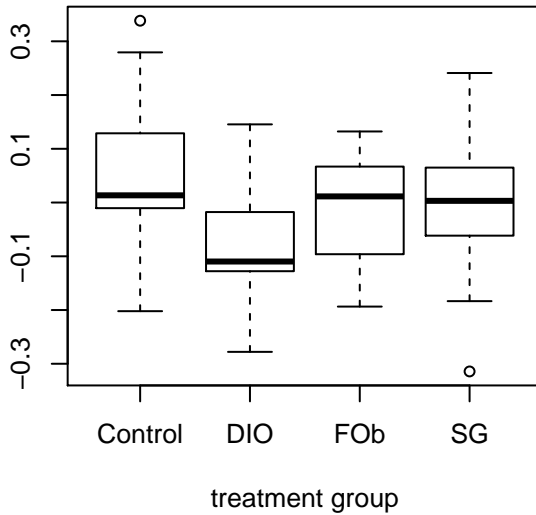
time  
MDS9  
q= 0.0878



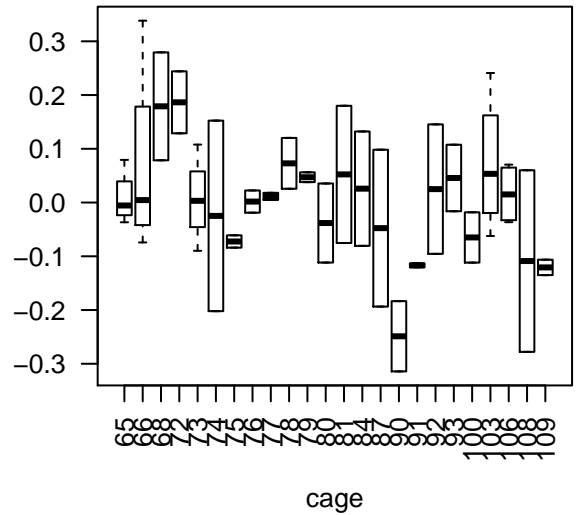
tumor volume  
q= 0.513



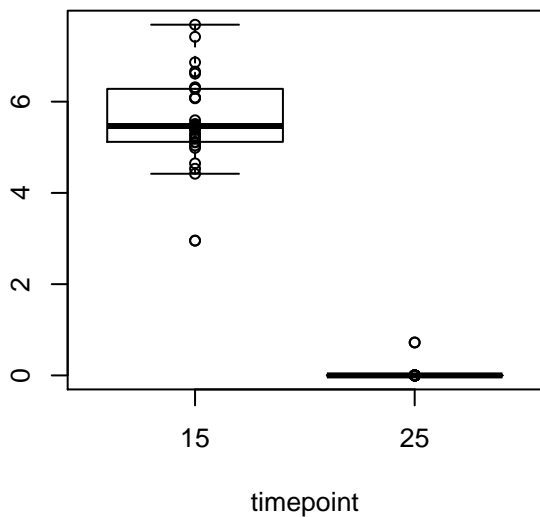
treatment group  
q= 0.35  
timepoint fob vs sg =0.933



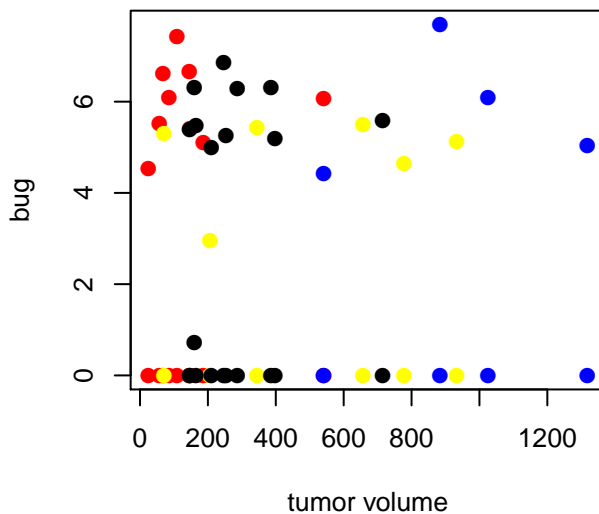
cage



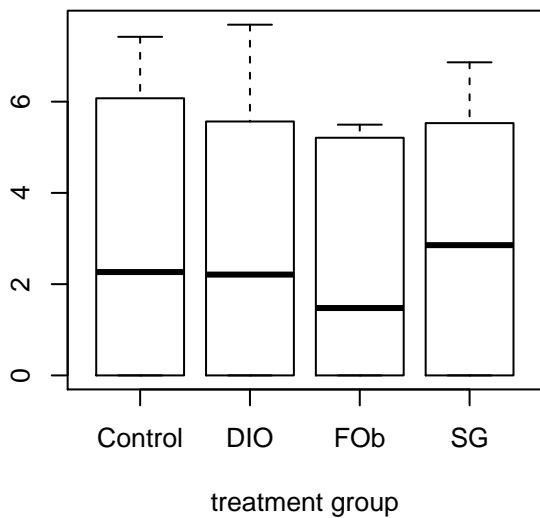
time  
bacteria.c\_\_Deltaproteobacteria.o\_\_Desulfovibrionales.f\_\_Desulfov  
q= 0



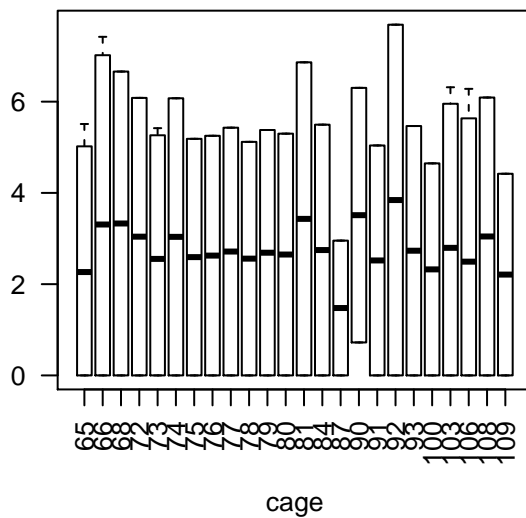
tumor volume  
q= 0.928



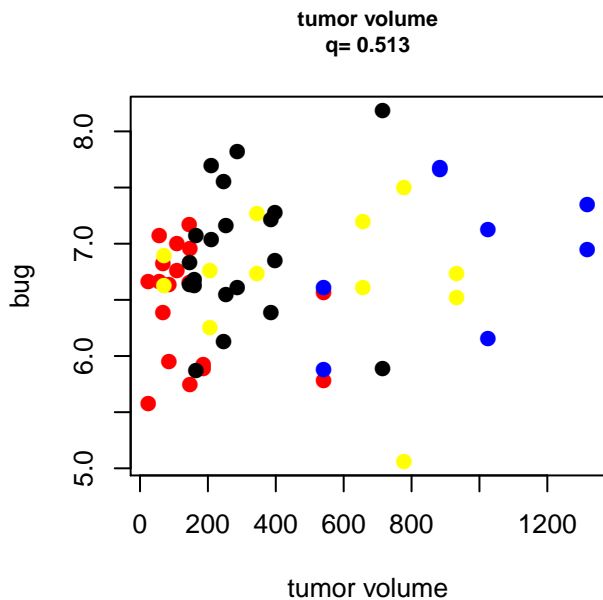
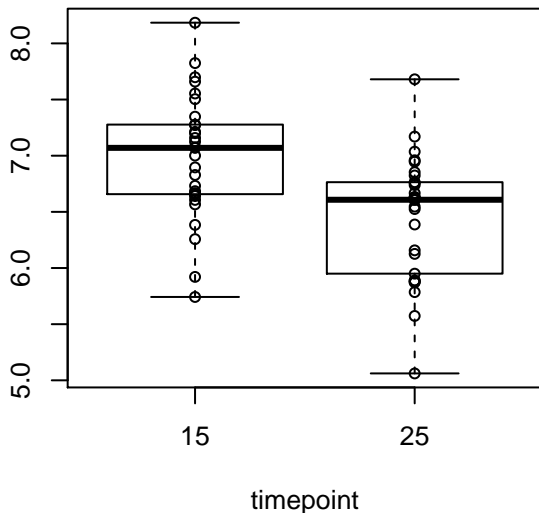
treatment group  
q= 0.379  
timepoint fob vs sg =0.818



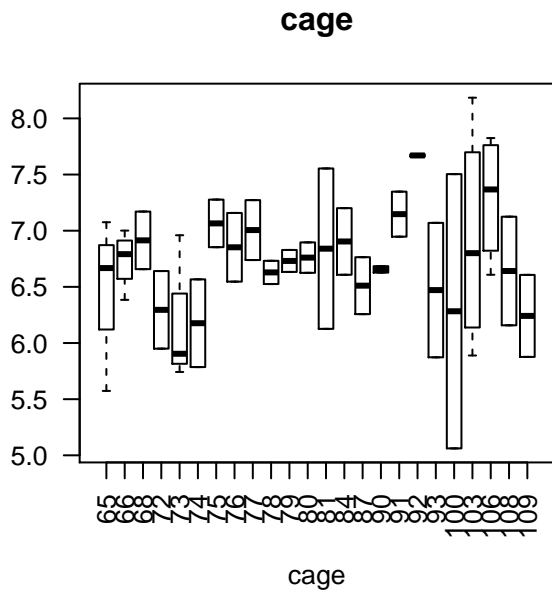
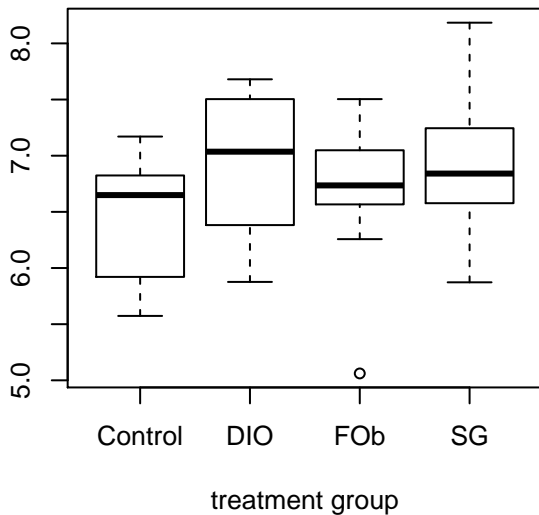
cage



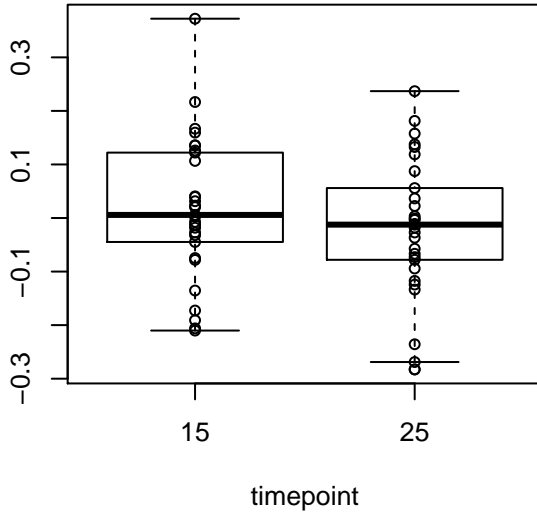
time  
 o\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Lachnospiraceae.g  
 q= 0.00121



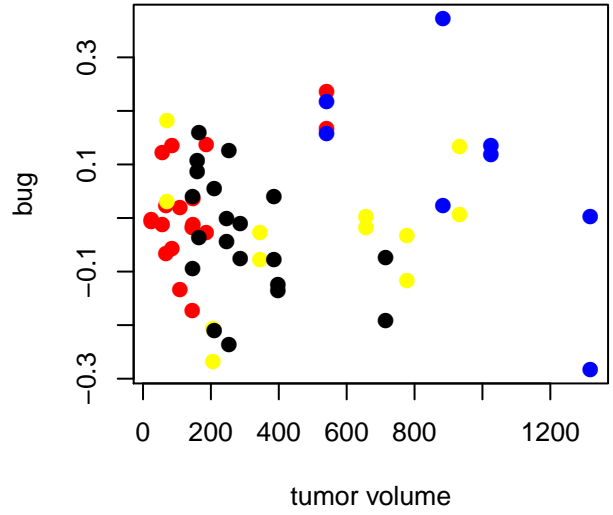
treatment group  
 q= 0.379  
 timepoint fob vs sg =0.933



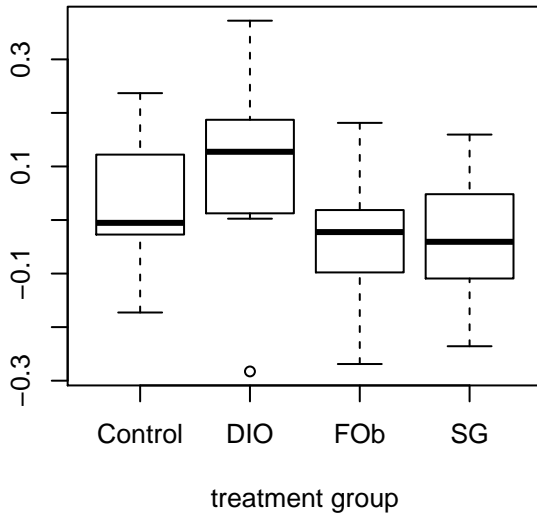
**time**  
**MDS8**  
**q= 0.318**



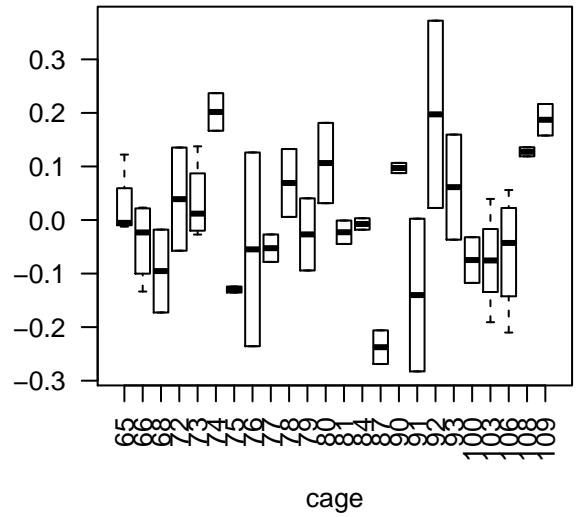
**tumor volume**  
**q= 0.879**



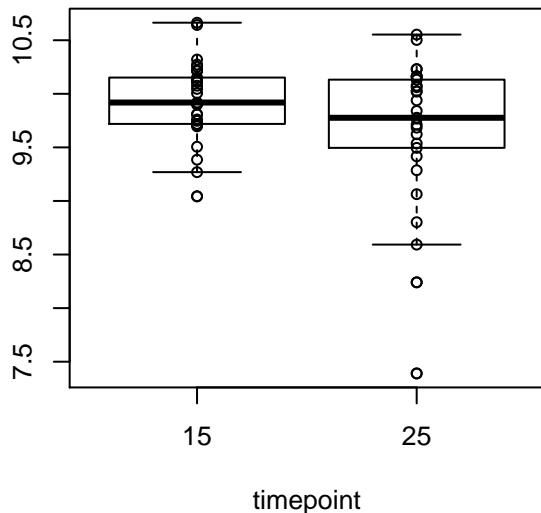
**treatment group**  
**q= 0.428**  
**timepoint fob vs sg =0.933**



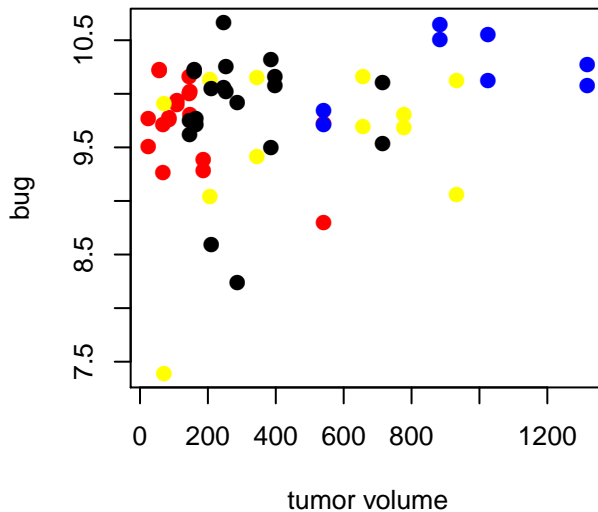
**cage**



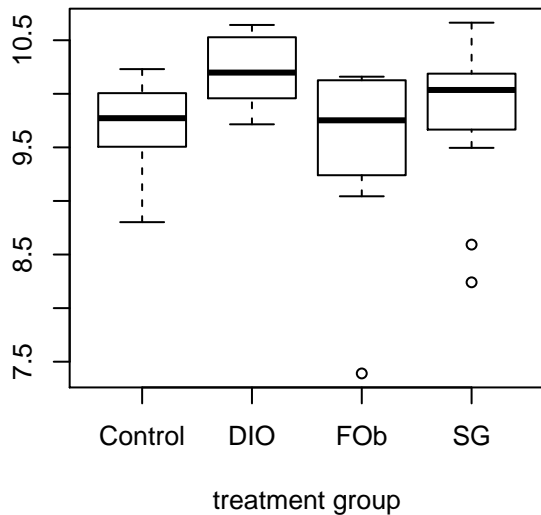
time  
k\_Bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.f\_\_g  
q= 0.0815



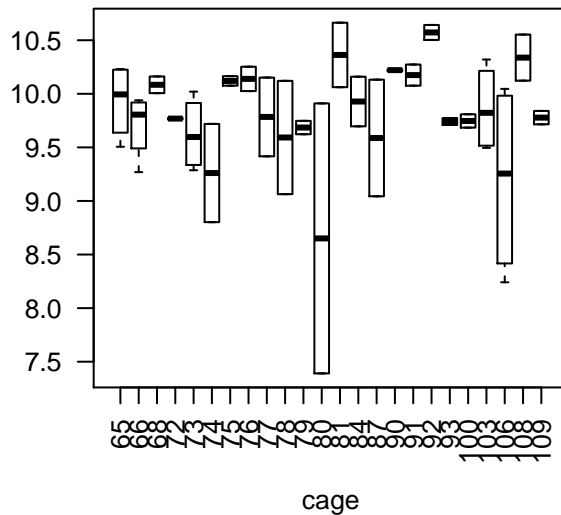
tumor volume  
q= 0.457



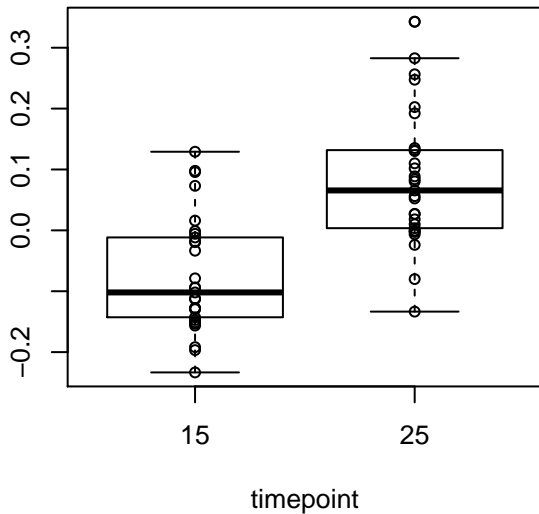
treatment group  
q= 0.428  
timepoint fob vs sg =0.933



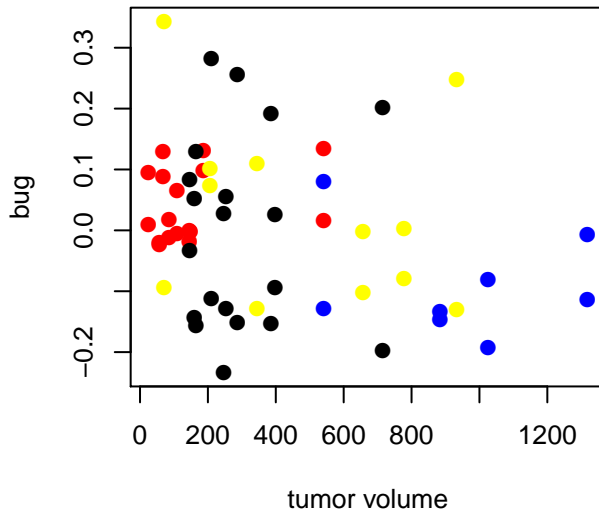
cage



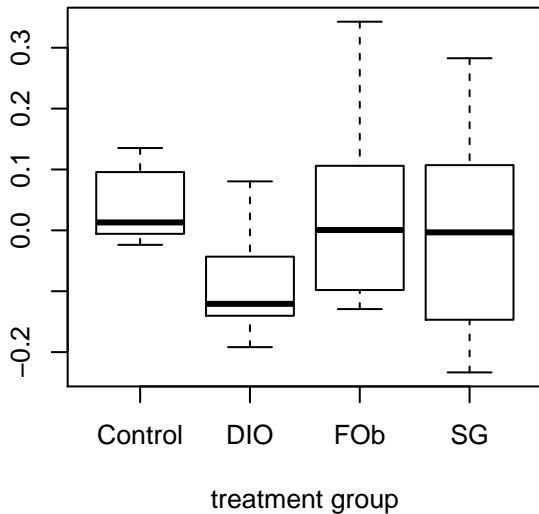
time  
MDS1  
q= 3.19e-06



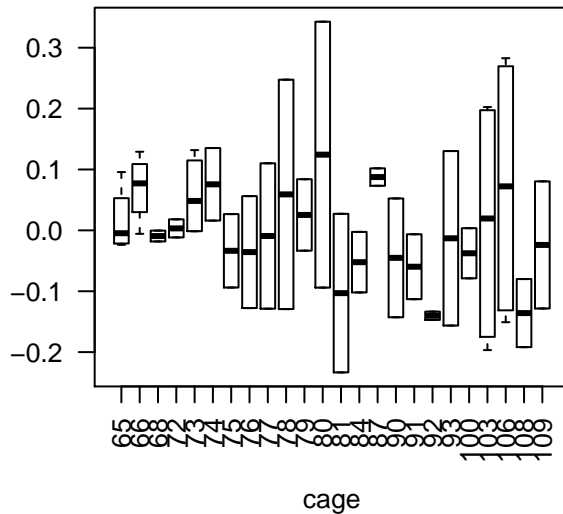
tumor volume  
bug  
q= 0.126



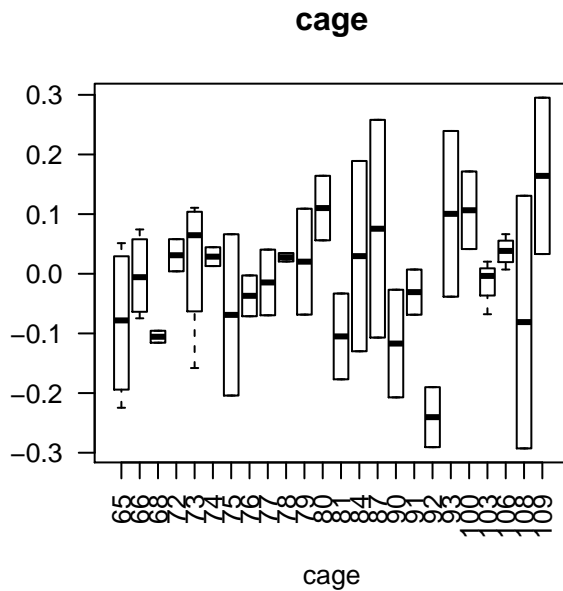
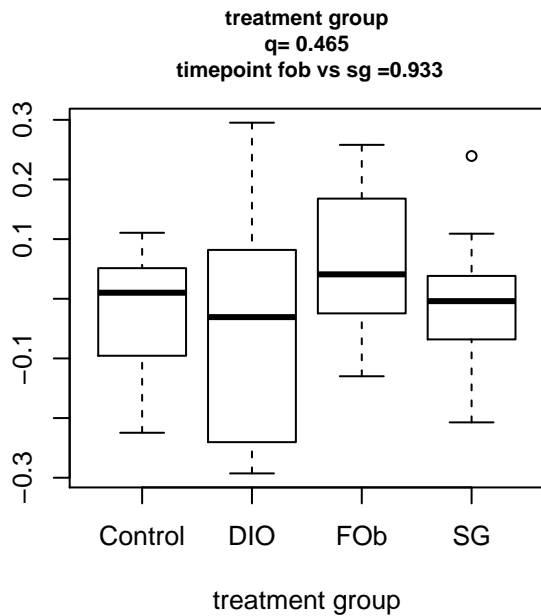
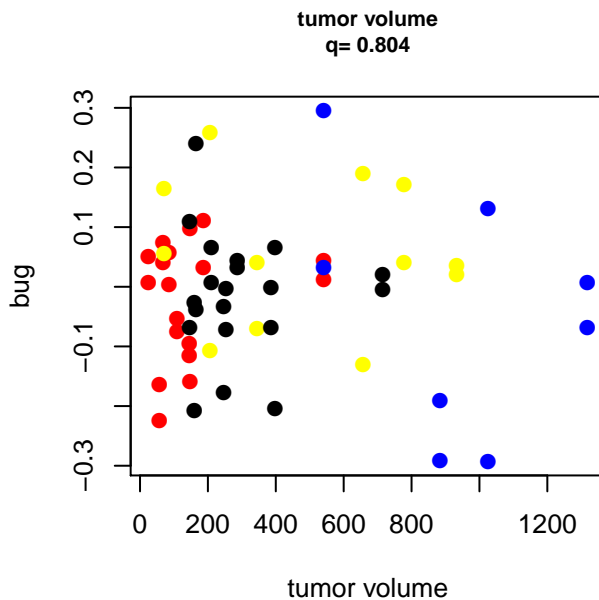
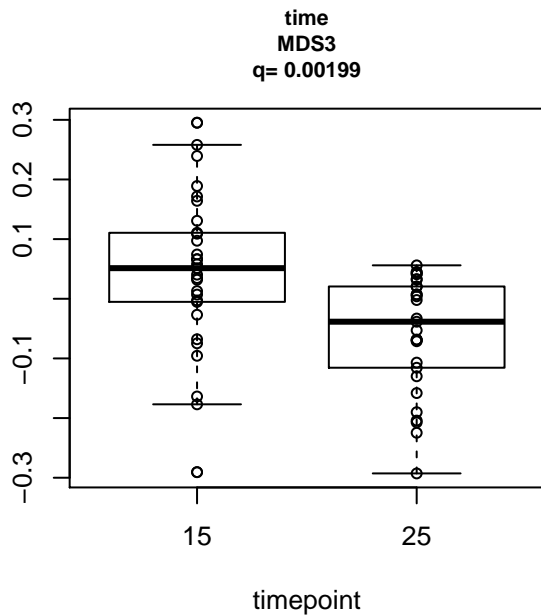
treatment group  
q= 0.451  
timepoint fob vs sg =0.989



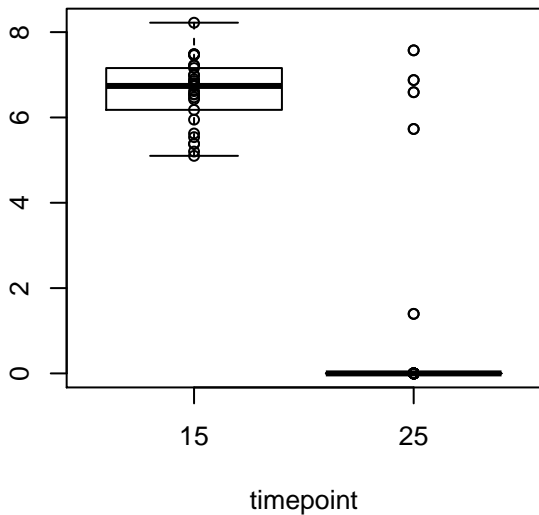
cage



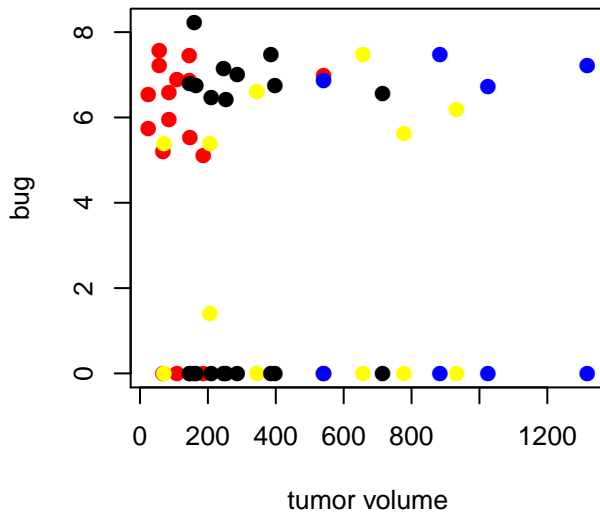




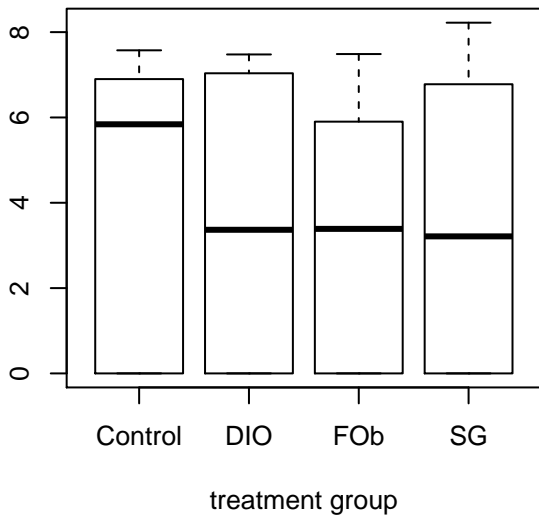
time  
bacteria.c\_\_Deltaproteobacteria.o\_\_Desulfovibrionales.f\_\_Desulf  
 $q = 7.57e-14$



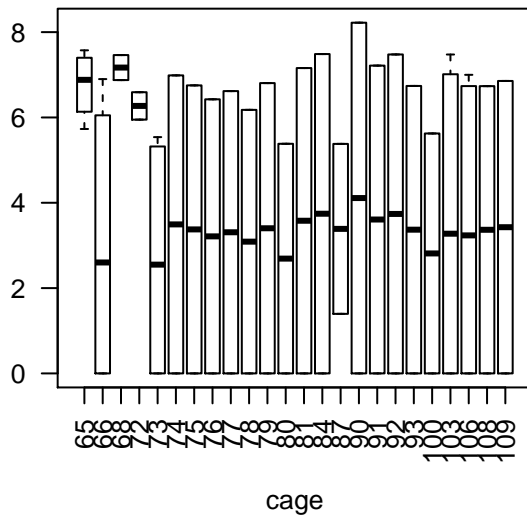
tumor volume  
 $q = 0.513$



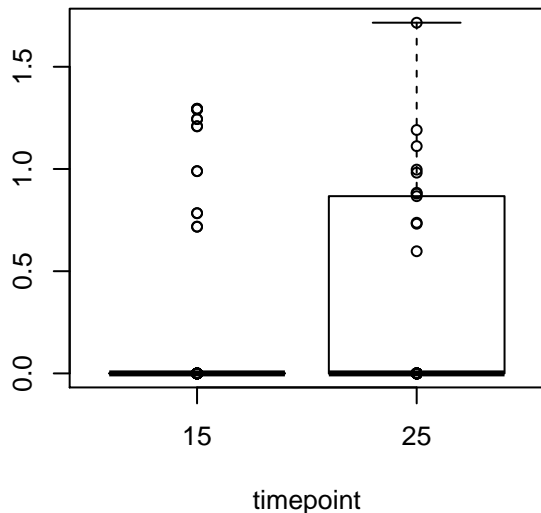
treatment group  
 $q = 0.465$   
timepoint fob vs sg  $= 0.818$



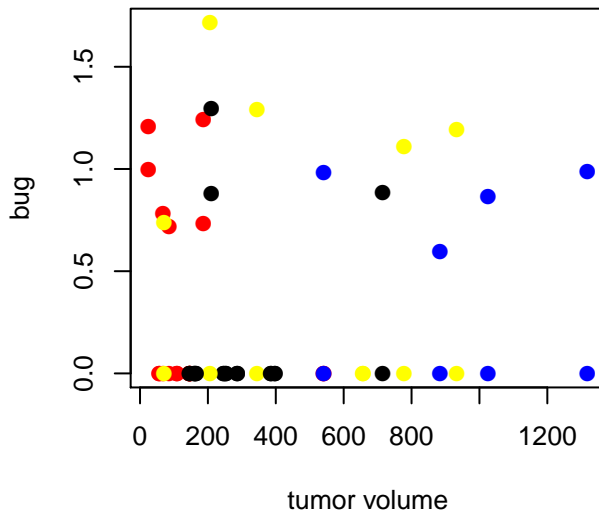
cage



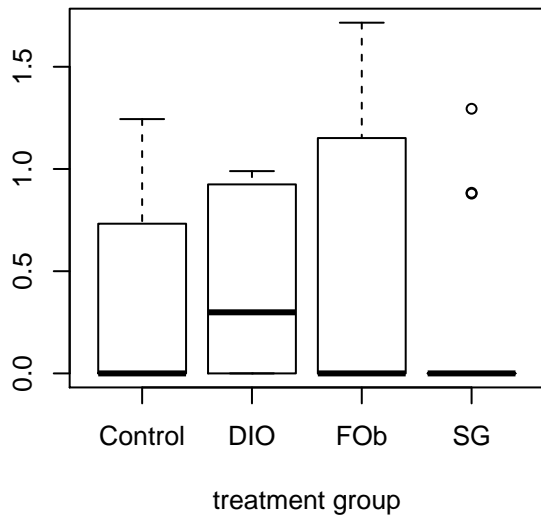
time  
 k\_\_Bacteria.p\_\_Bacteroidetes.c\_\_Bacteroidia.o\_\_Bacteroidales.f\_  
 q= 0.527



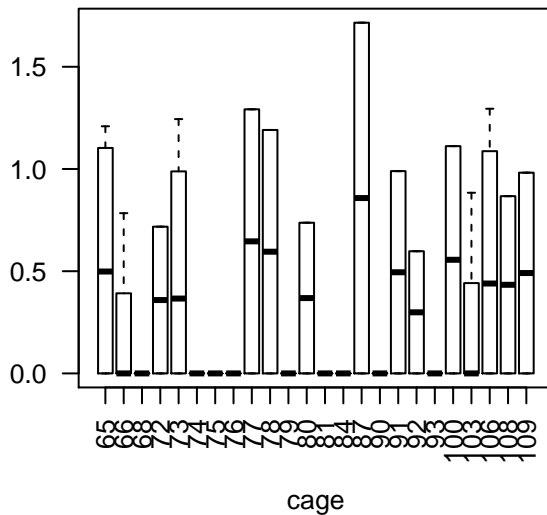
tumor volume  
 q= 0.804



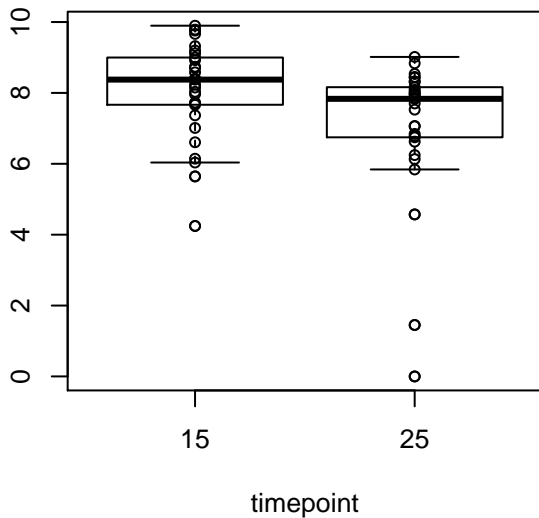
treatment group  
 q= 0.484  
 timepoint fob vs sg =0.684



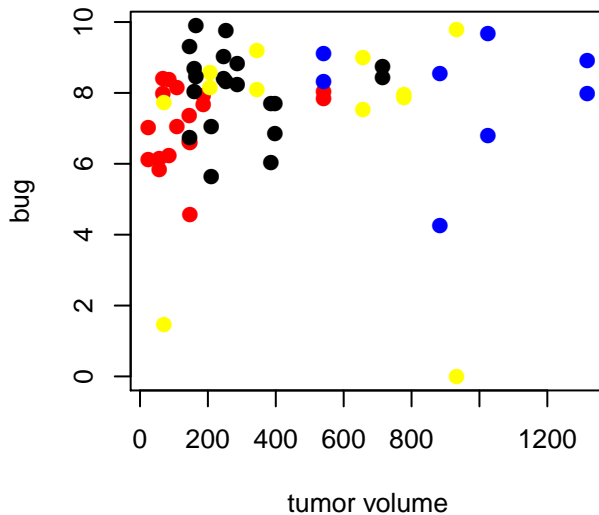
cage



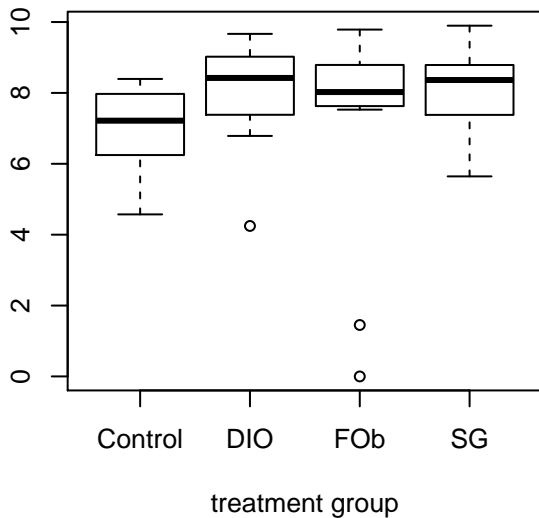
a.p.\_Firmicutes.c\_Bacilli.o\_Lactobacillales.f\_Lactobacillaceae.  
time  
q= 0.0526



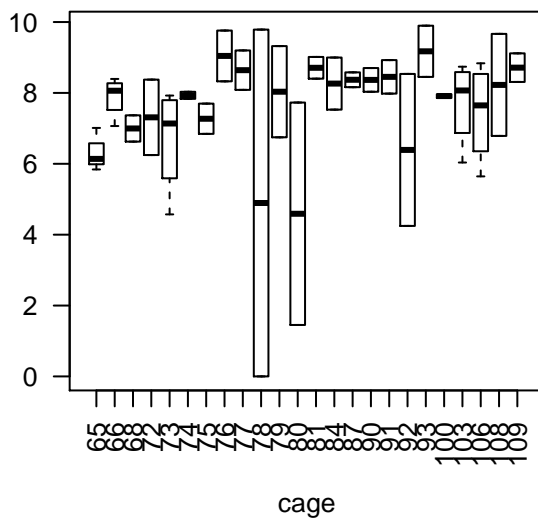
tumor volume  
q= 0.804



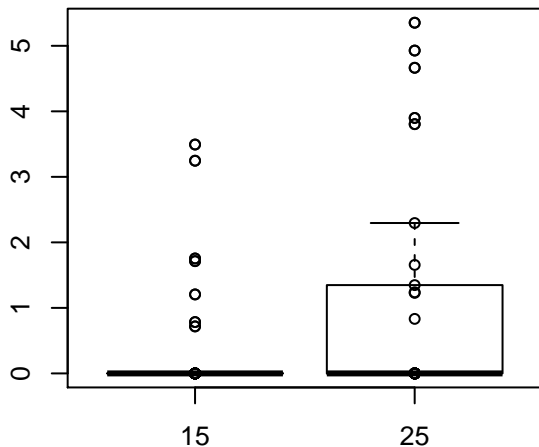
treatment group  
q= 0.484  
timepoint fob vs sg =0.818



cage

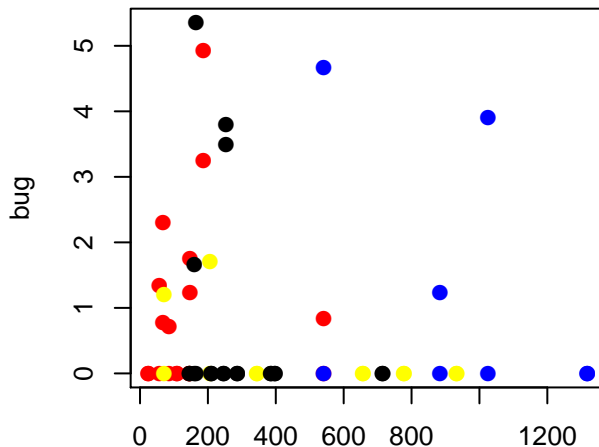


time  
Proteobacteria.c\_\_Gammaproteobacteria.o\_\_Enterobacteriales.f\_\_l  
q= 0.0812



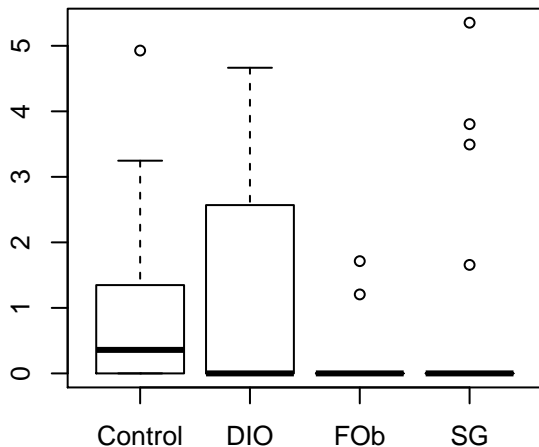
timepoint

tumor volume  
q= 0.804



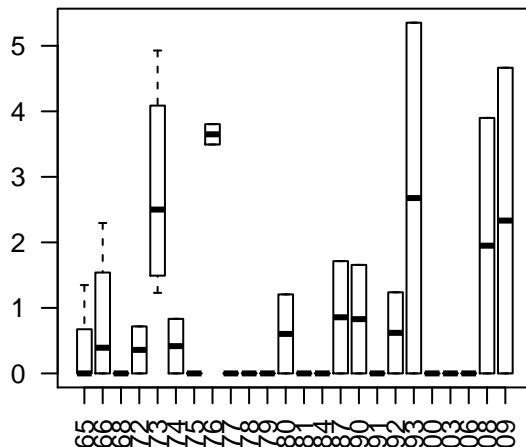
tumor volume

treatment group  
q= 0.591  
timepoint fob vs sg =0.684



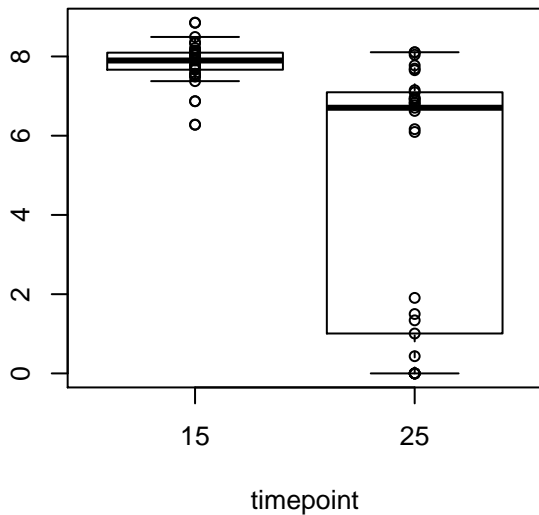
treatment group

cage

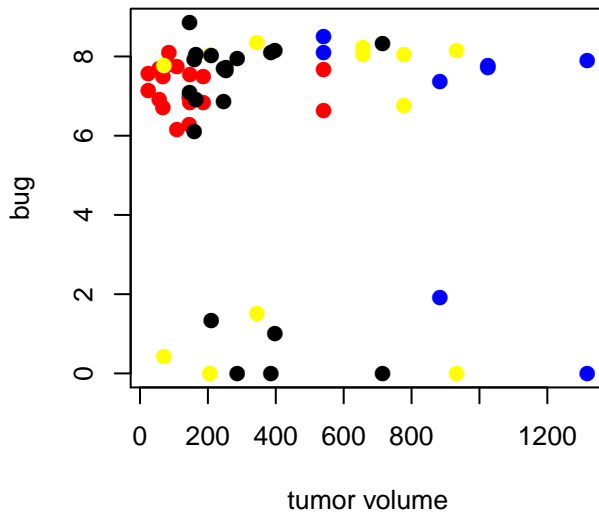


cage

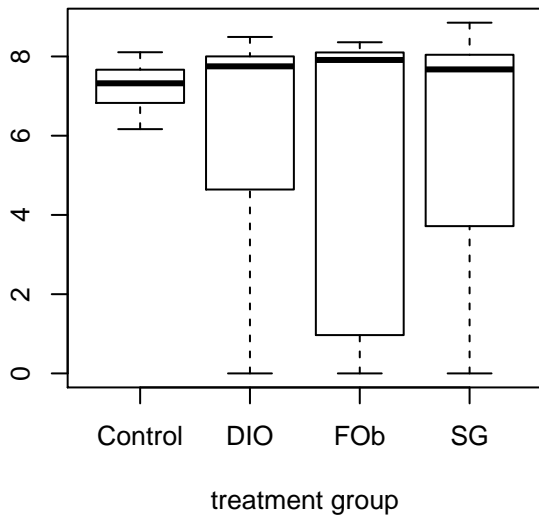
time  
 Bacteroidetes.c\_\_Bacteroidia.o\_\_Bacteroidales.f\_\_Rikenell  
 $q = 3.71e-05$



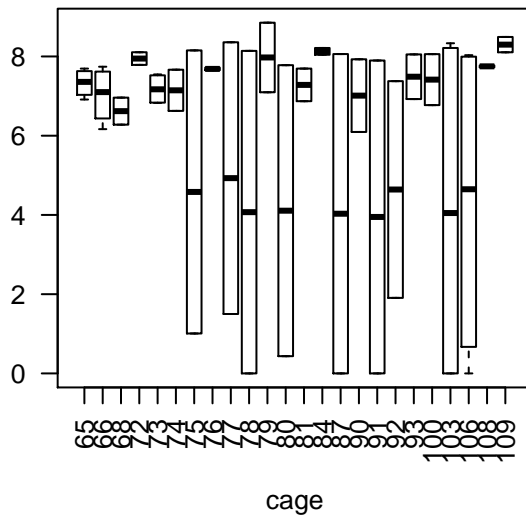
tumor volume  
 $q = 0.513$



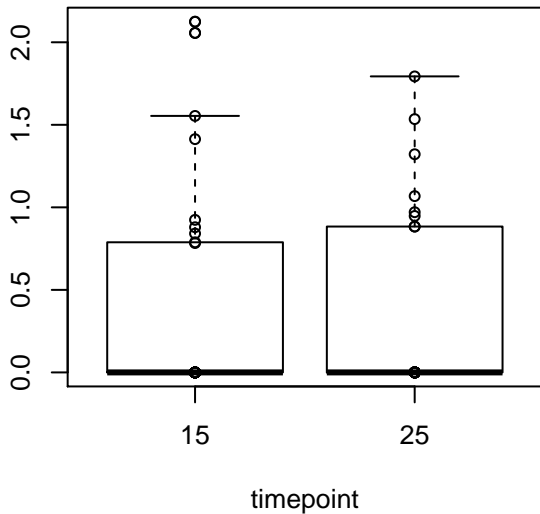
treatment group  
 $q = 0.591$   
 timepoint fob vs sg  $= 0.933$



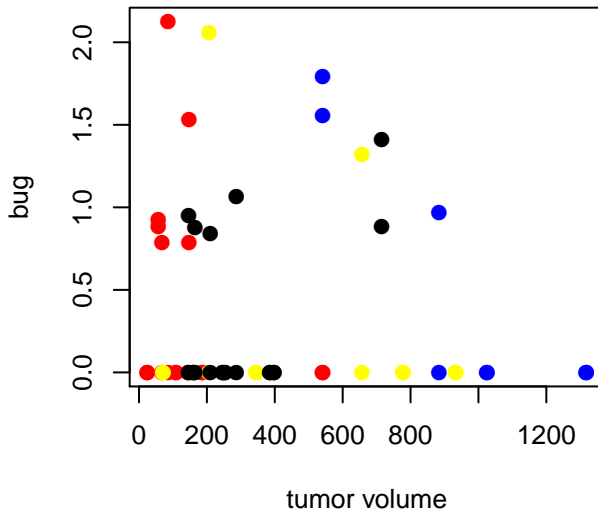
cage



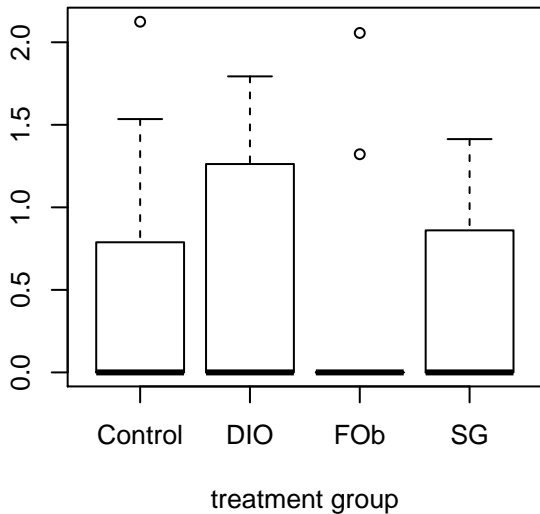
time  
Firmicutes.c\_Clostridia.o\_Clostridiales.f\_Ruminococcaceae.g  
q= 0.779



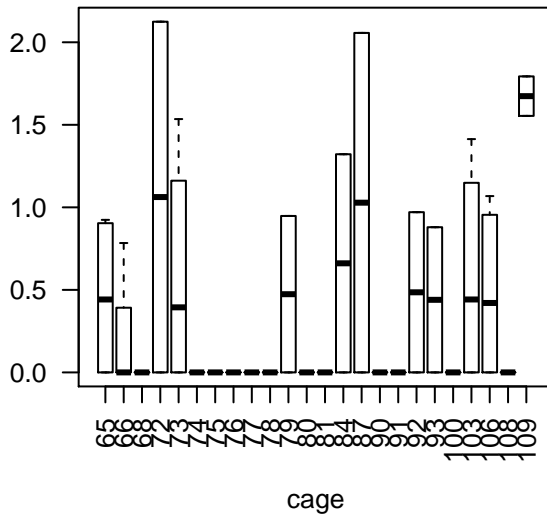
tumor volume  
q= 0.804



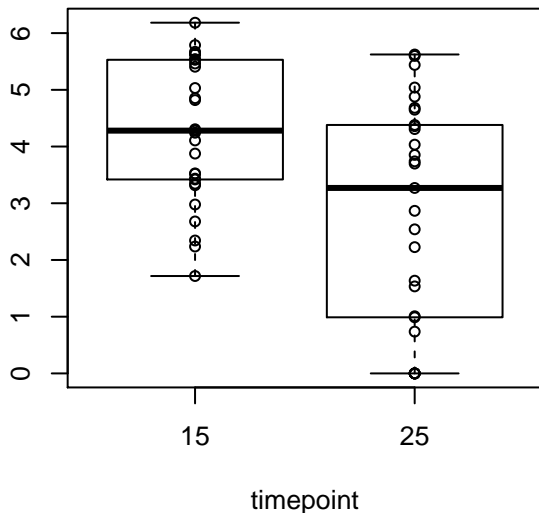
treatment group  
q= 0.627  
timepoint fob vs sg =0.933



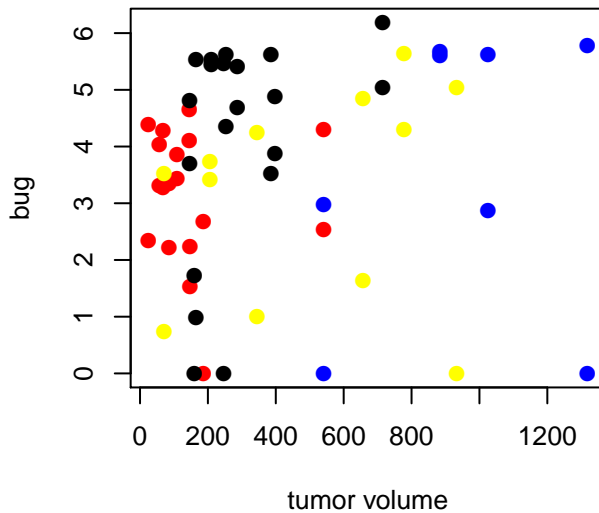
cage



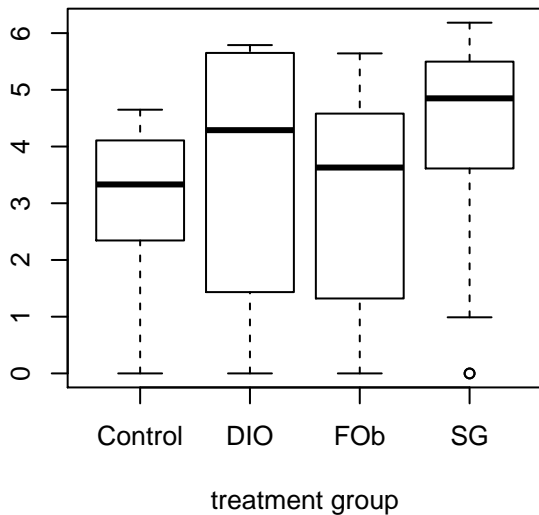
time  
 eria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Lachnospirac  
 $q = 0.00069$



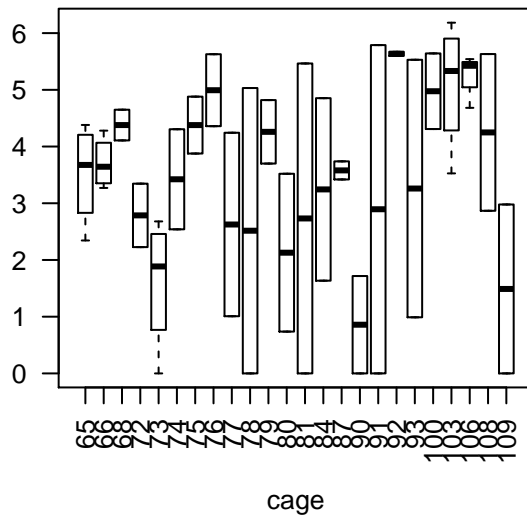
tumor volume  
 $q = 0.771$



treatment group  
 $q = 0.648$   
 timepoint fob vs sg =0.736

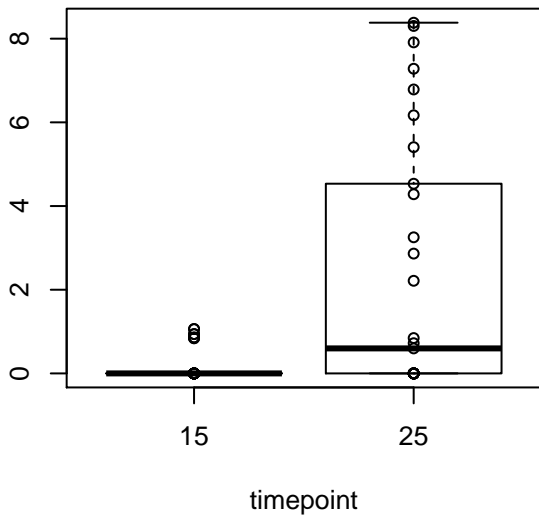


cage

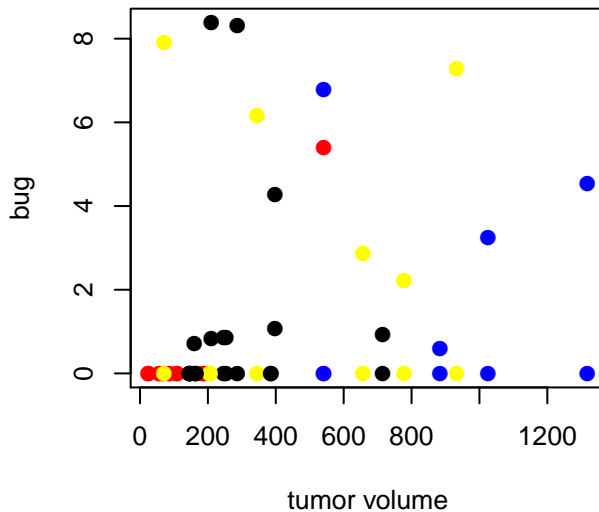




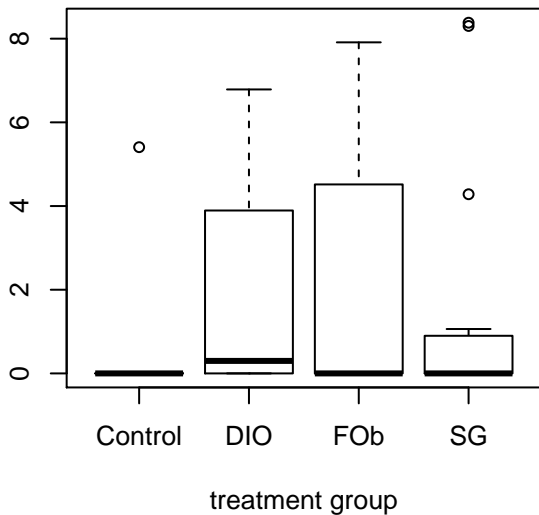
time  
micutes.c\_\_Erysipelotrichi.o\_\_Erysipelotrichales.f\_\_Erysipelotric  
q= 0.000362



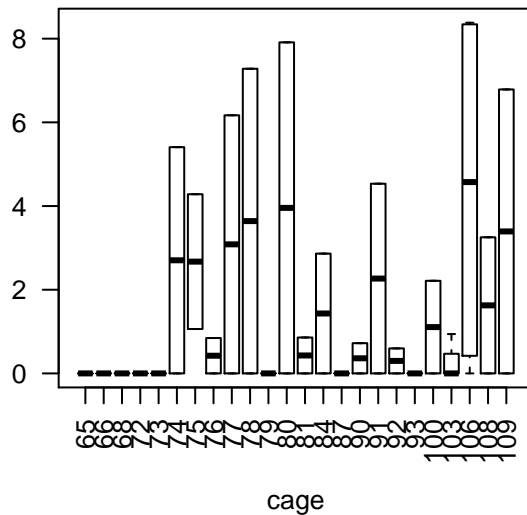
tumor volume  
q= 0.513



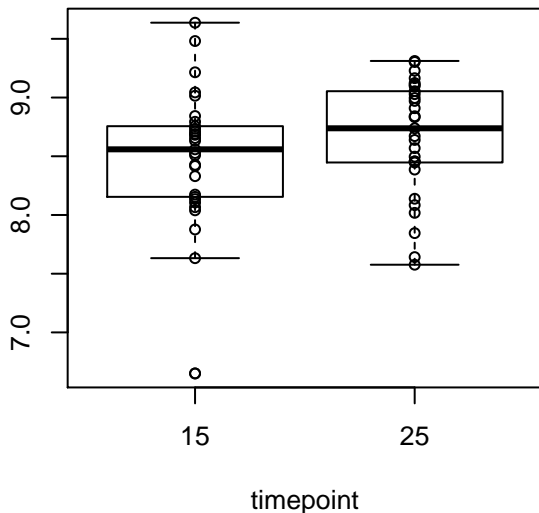
treatment group  
q= 0.679  
timepoint fob vs sg =0.818



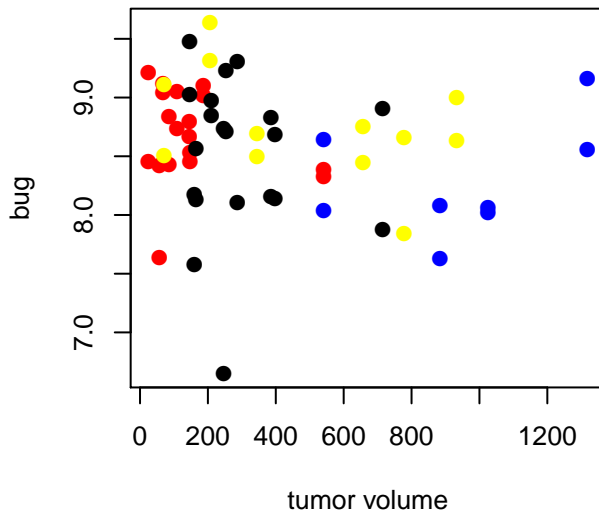
cage



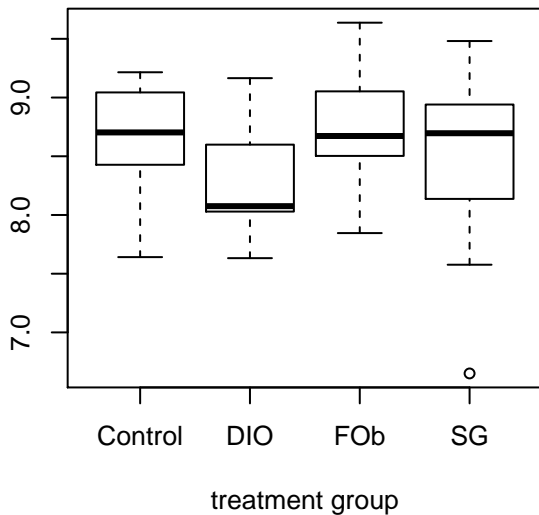
time  
 bacteria.p\_Bacteroidetes.c\_Bacteroidia.o\_Bacteroidales.f\_Riken  
 q = 0.278



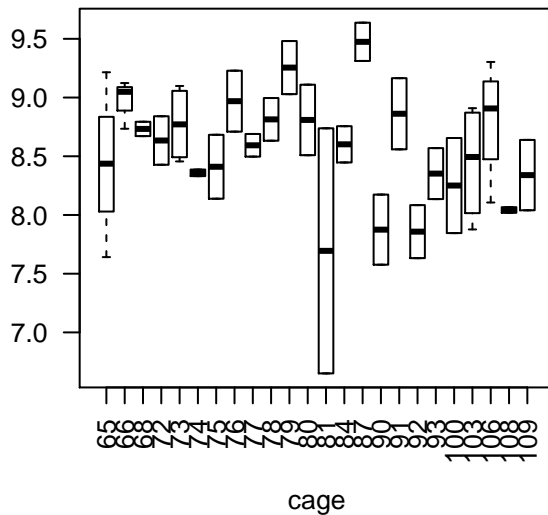
tumor volume  
 q = 0.531



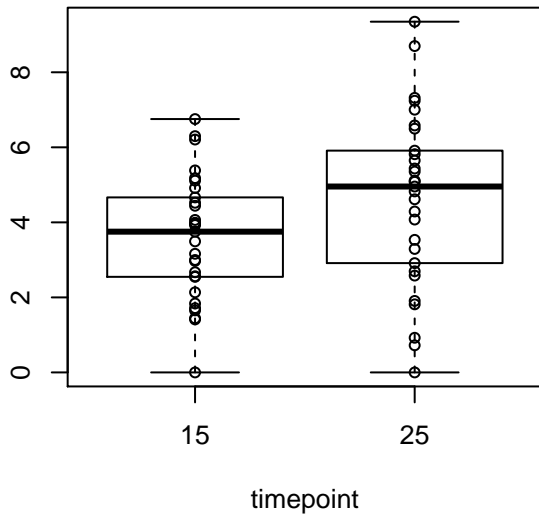
treatment group  
 q = 0.706  
 timepoint fob vs sg = 0.983



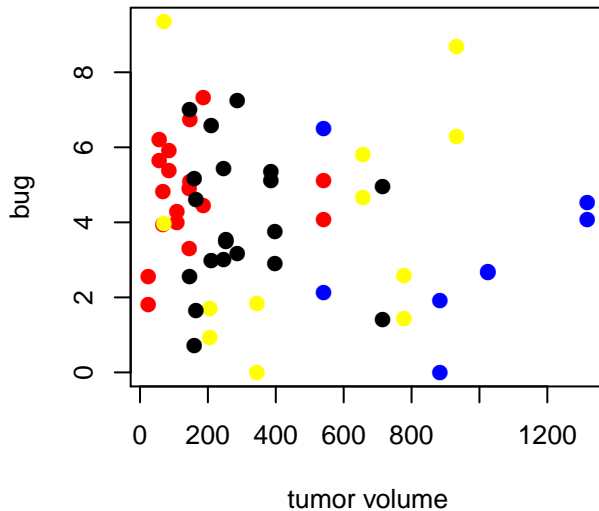
cage



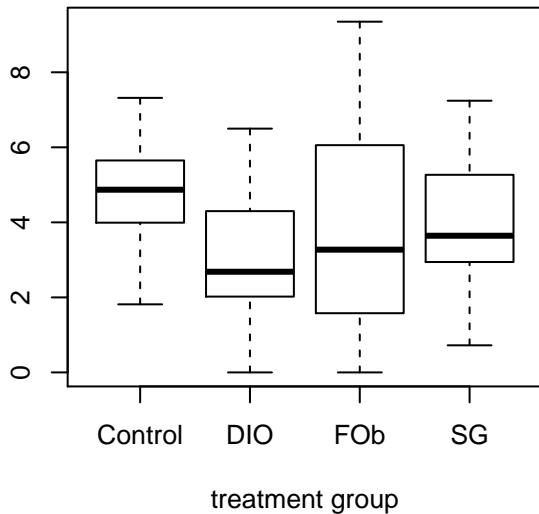
time  
microbia.c\_\_Verrucomicrobiae.o\_\_Verrucomicrobiales.f\_\_Verrucor  
q= 0.0487



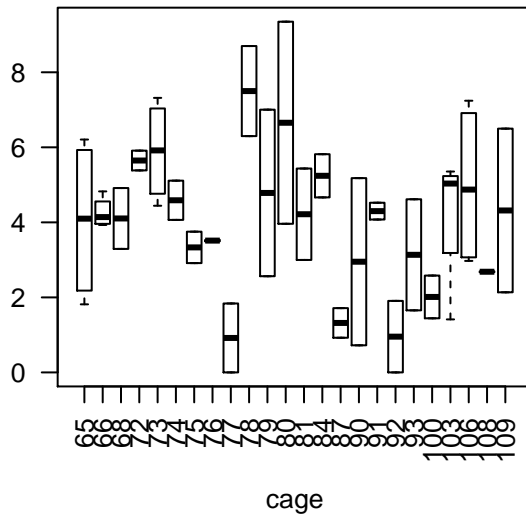
tumor volume  
q= 0.787



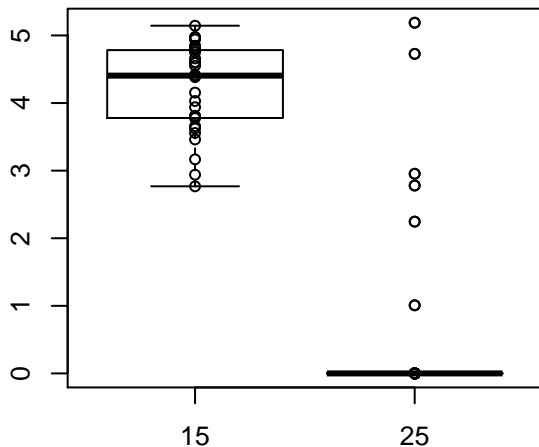
treatment group  
q= 0.734  
timepoint fob vs sg =0.957



cage

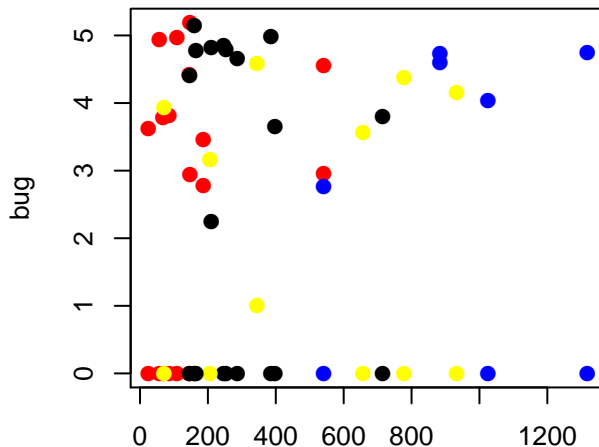


time  
bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.f\_Peptococci  
q= 3.01e-12



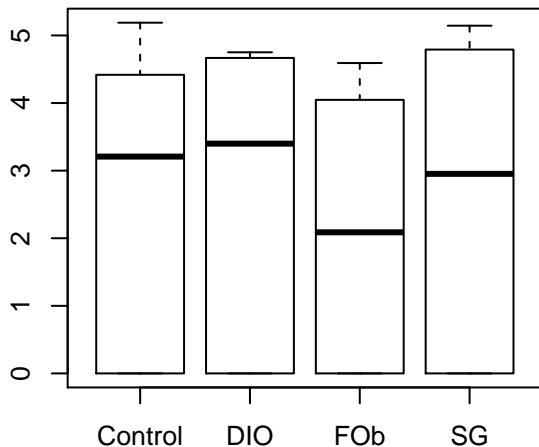
timepoint

tumor volume  
q= 0.913



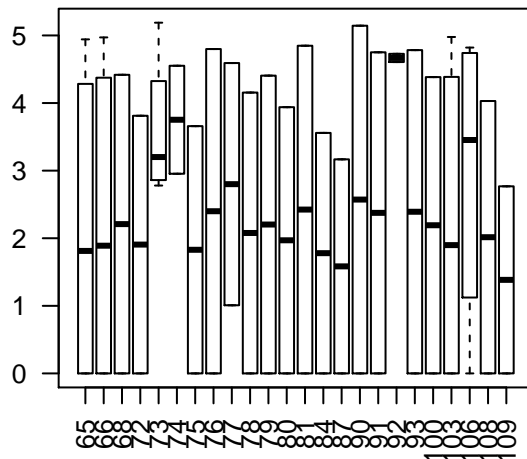
tumor volume

treatment group  
q= 0.734  
timepoint fob vs sg =0.933



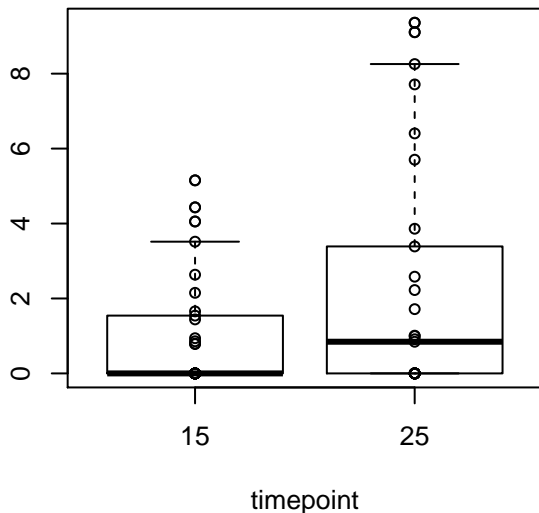
treatment group

cage

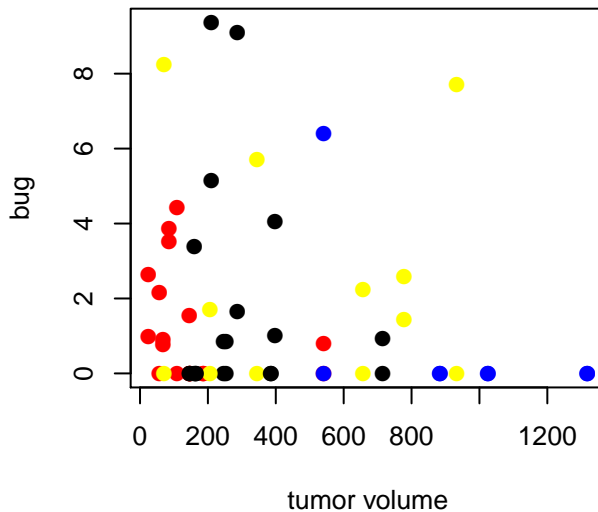


cage

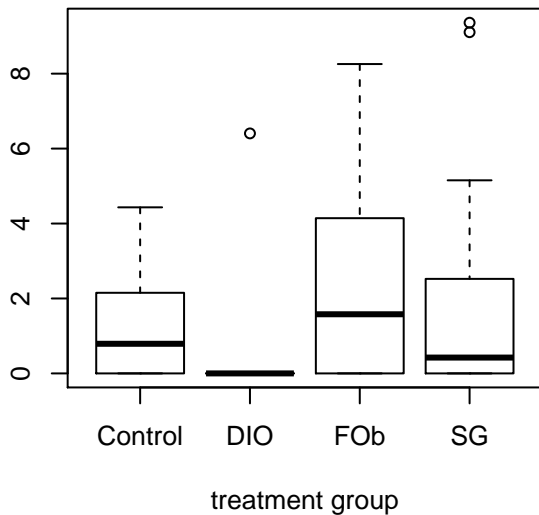
time  
 ria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Clostridiaceae.  
 q= 0.0732



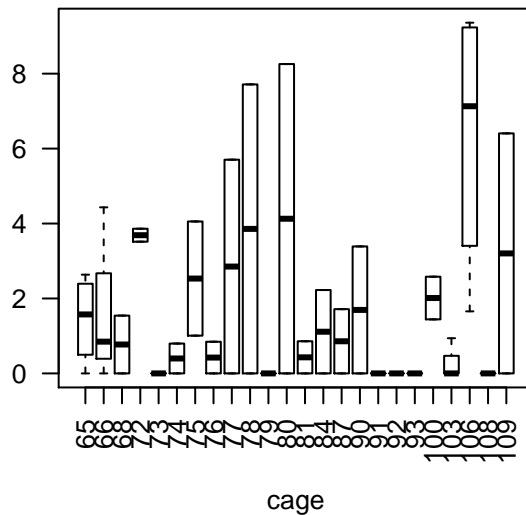
tumor volume  
 q= 0.787



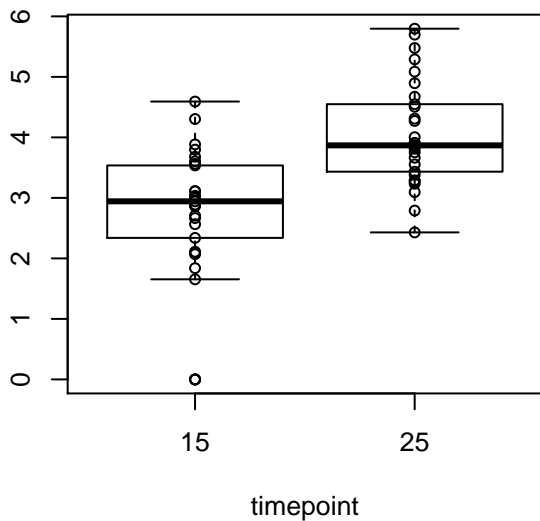
treatment group  
 q= 0.734  
 timepoint fob vs sg =0.818



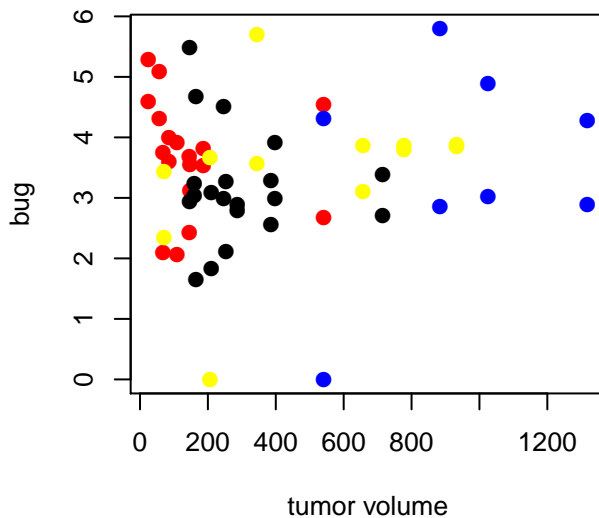
cage



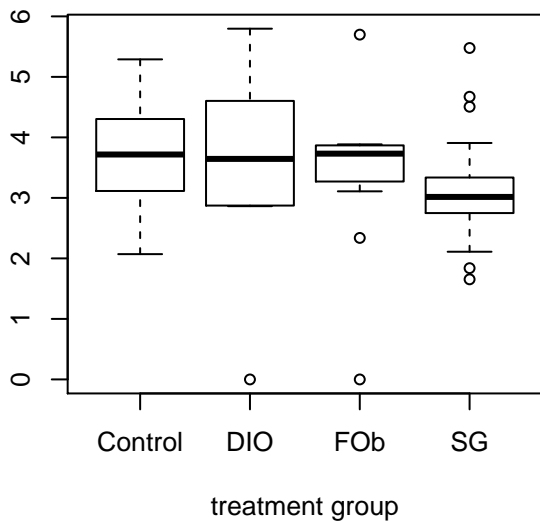
time  
 bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.f\_Christensen  
 $q = 3.87e-06$



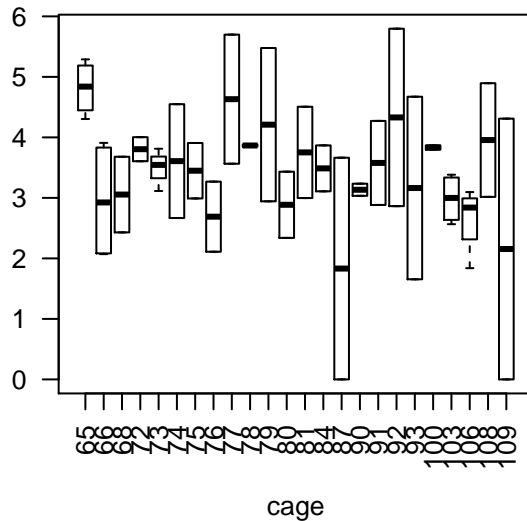
tumor volume  
 $q = 0.771$



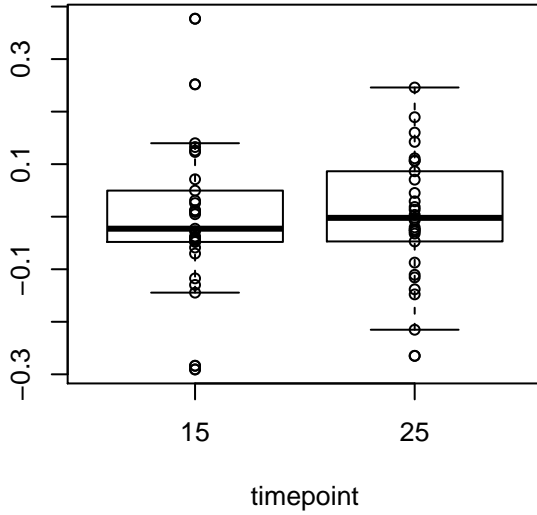
treatment group  
 $q = 0.756$   
 timepoint fob vs sg = 0.93



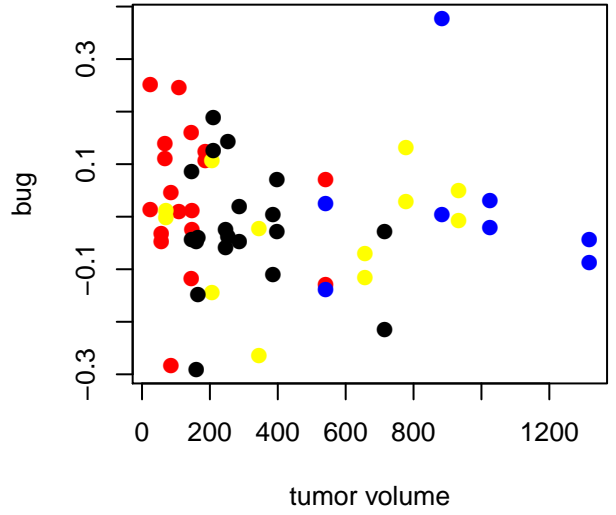
cage



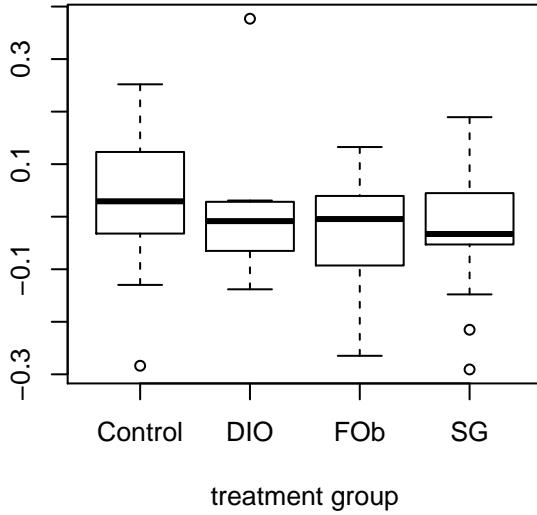
time  
MDS6  
q= 0.944



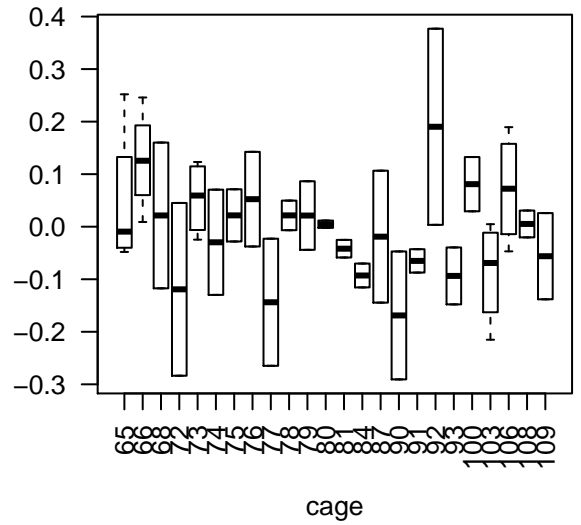
tumor volume  
q= 0.923



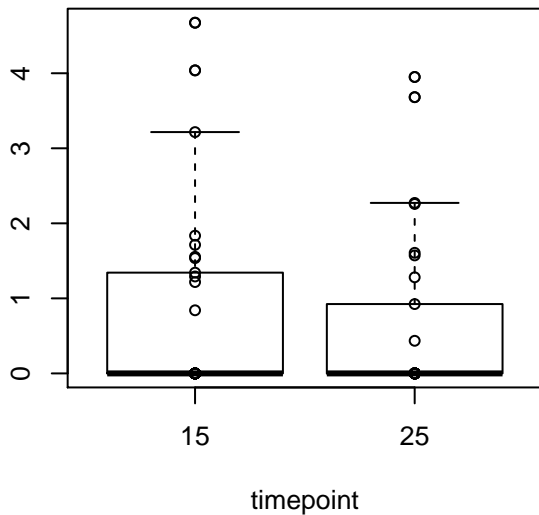
treatment group  
q= 0.756  
timepoint fob vs sg =0.933



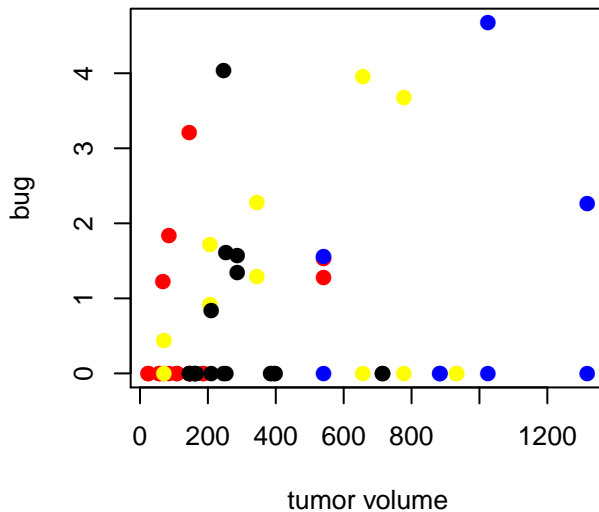
cage



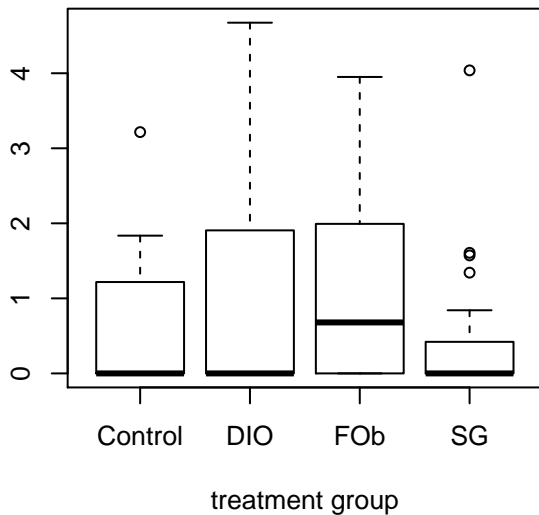
time  
 k\_Bacteria.p\_Firmicutes.c\_Bacilli.o\_Bacillales.Other.Oth  
 q= 0.708



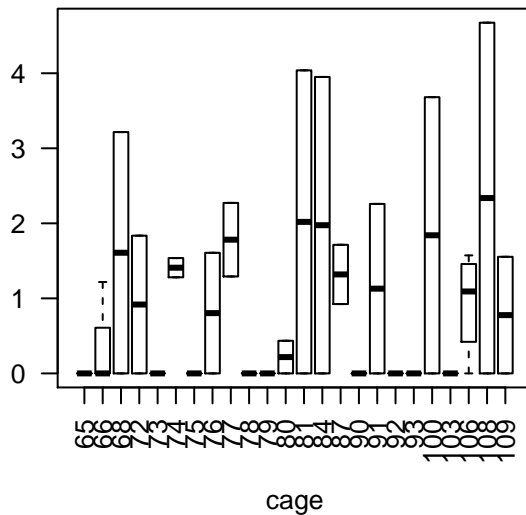
tumor volume  
 q= 0.513



treatment group  
 q= 0.787  
 timepoint fob vs sg =0.684

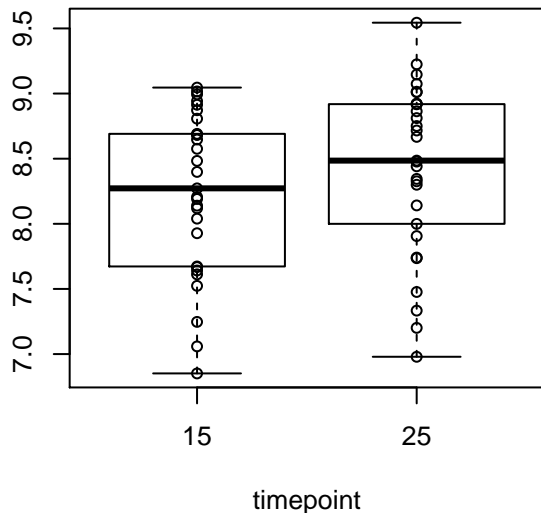


cage

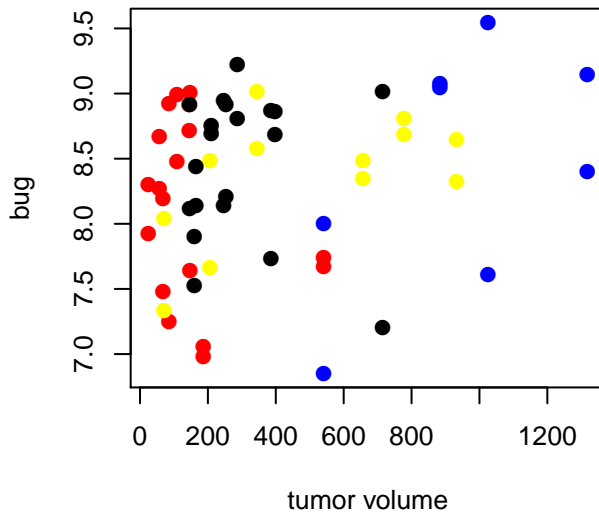




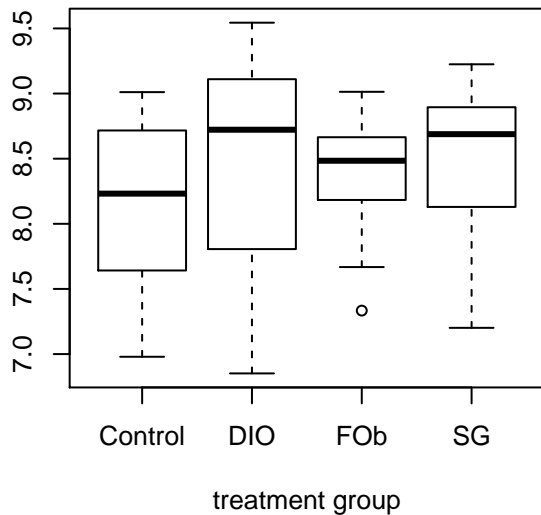
time  
 bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.f\_Lachnosp  
 $q = 0.318$



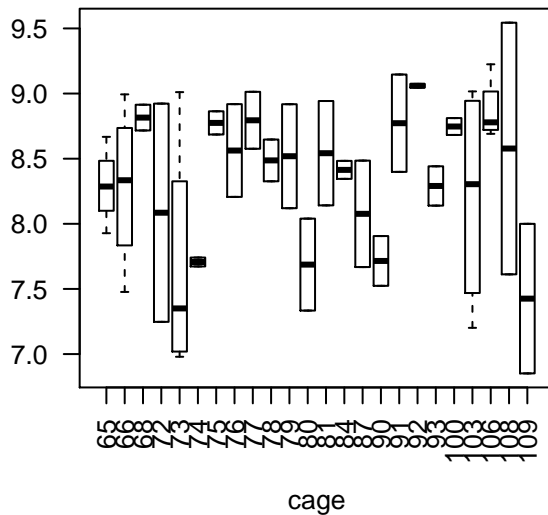
tumor volume  
 $q = 0.513$



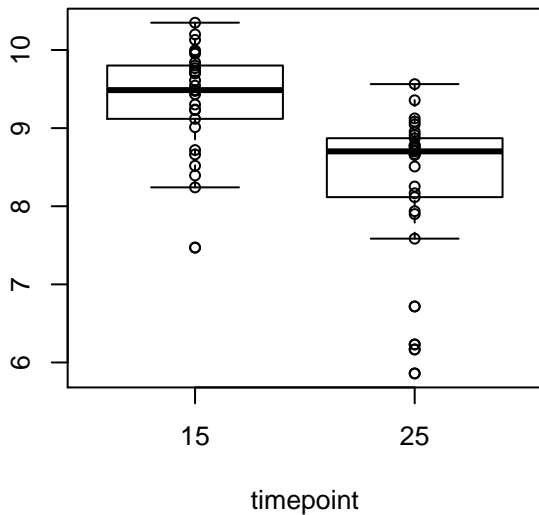
treatment group  
 $q = 0.788$   
 timepoint fob vs sg  $= 0.987$



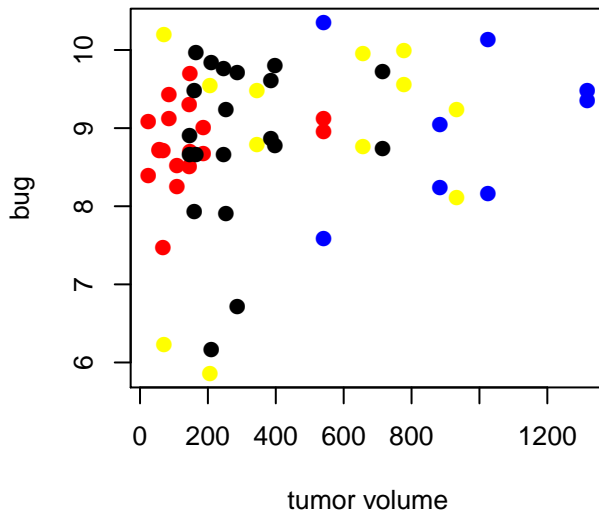
cage



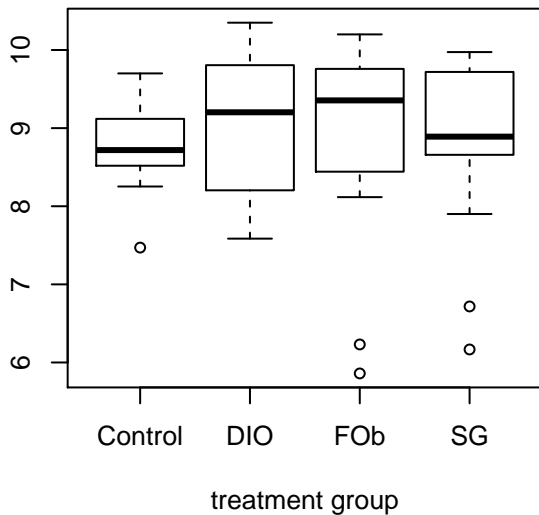
time  
bacteria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Ruminococ  
q= 9.51e-05



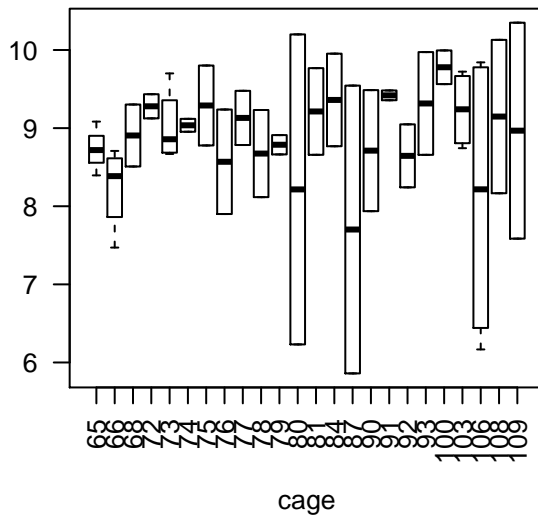
tumor volume  
q= 0.367



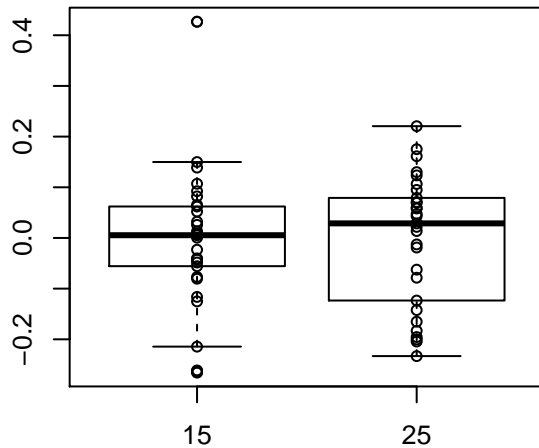
treatment group  
q= 0.788  
timepoint fob vs sg =0.933



cage

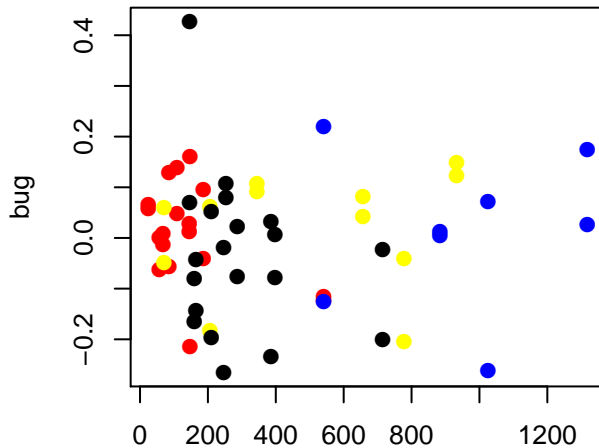


time  
MDS7  
q= 0.995



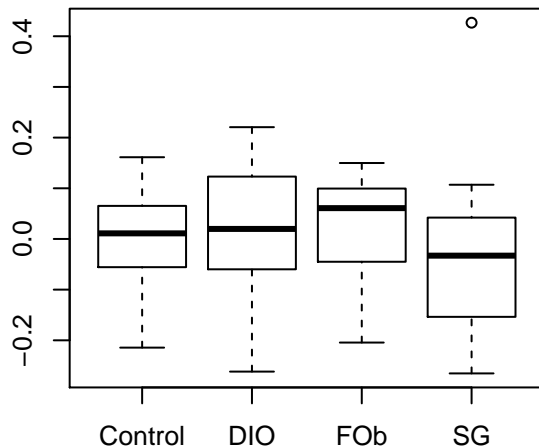
timepoint

tumor volume  
q= 0.997



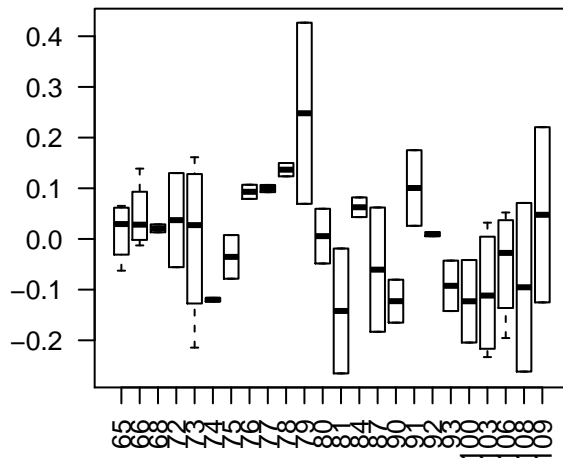
tumor volume

treatment group  
q= 0.795  
timepoint fob vs sg =0.818



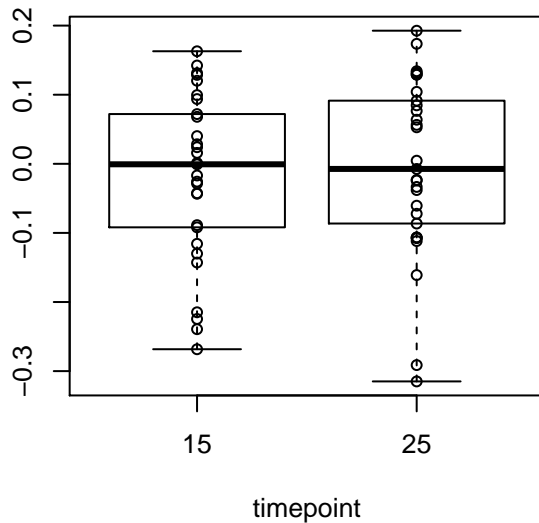
treatment group

cage

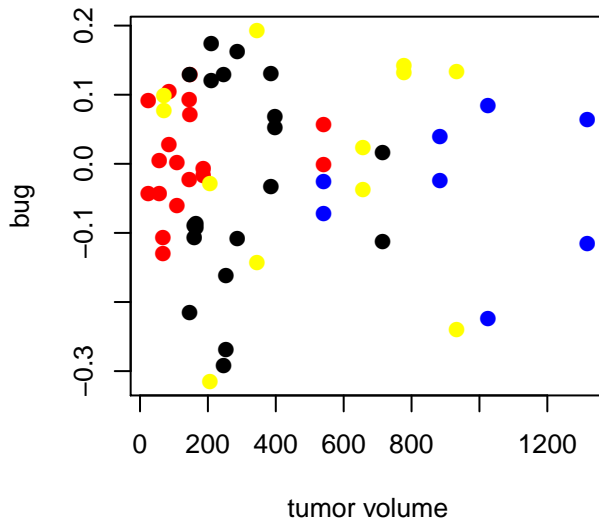


cage

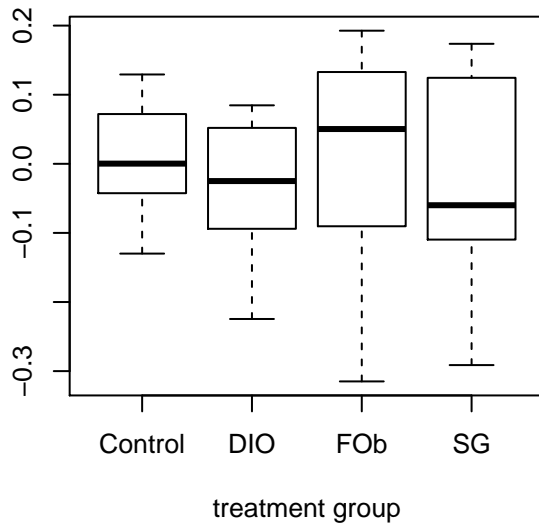
time  
MDS4  
q= 0.768



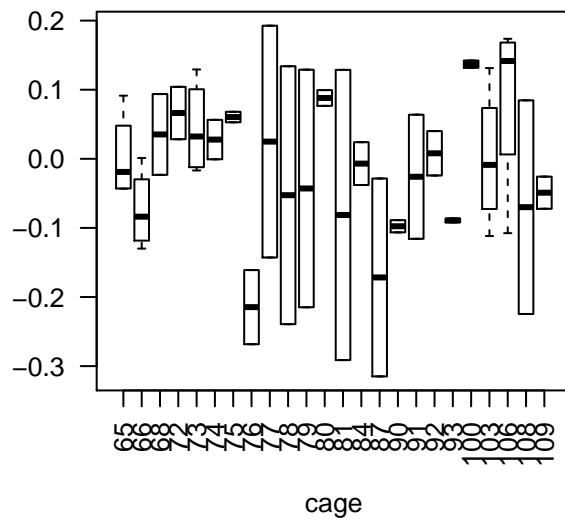
tumor volume  
q= 0.999



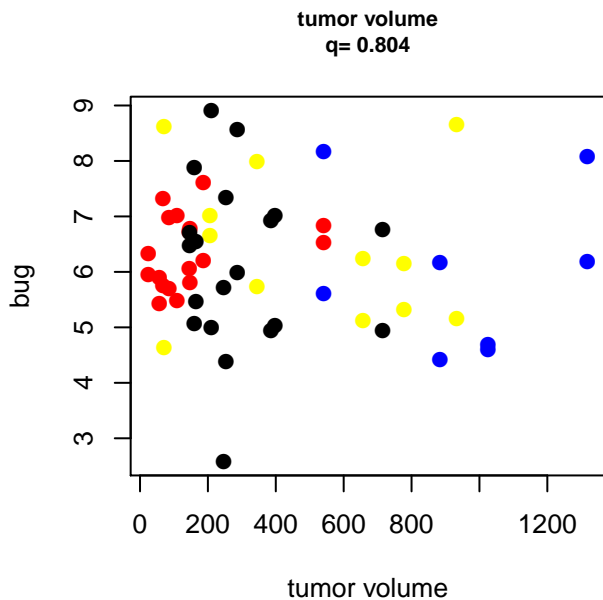
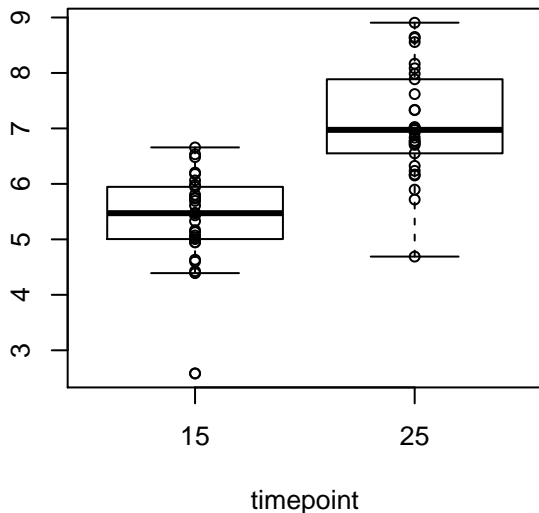
treatment group  
q= 0.795  
timepoint fob vs sg =0.818



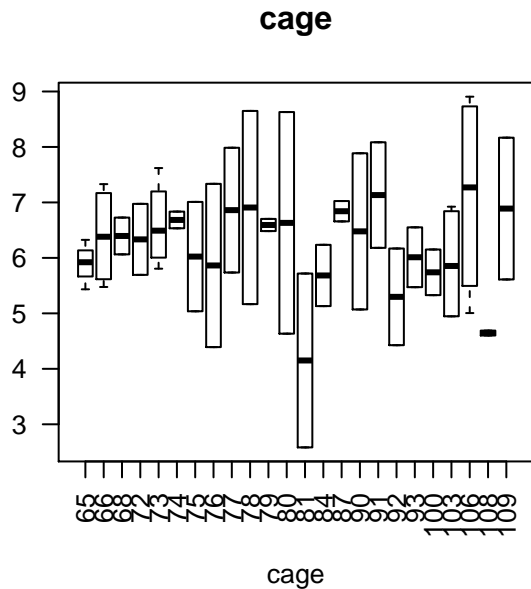
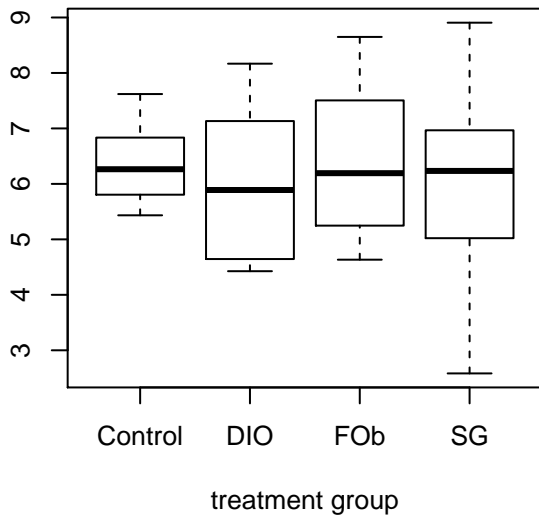
cage



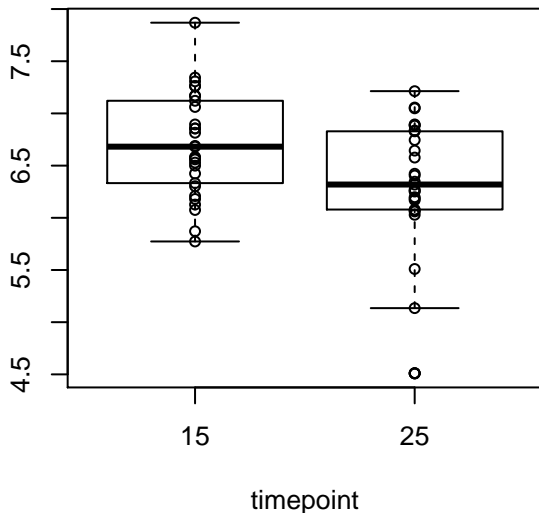
time  
 ctroidetes.c\_\_Bacteroidia.o\_\_Bacteroidales.f\_\_Porphyromonadae  
 $q = 7.04e-09$



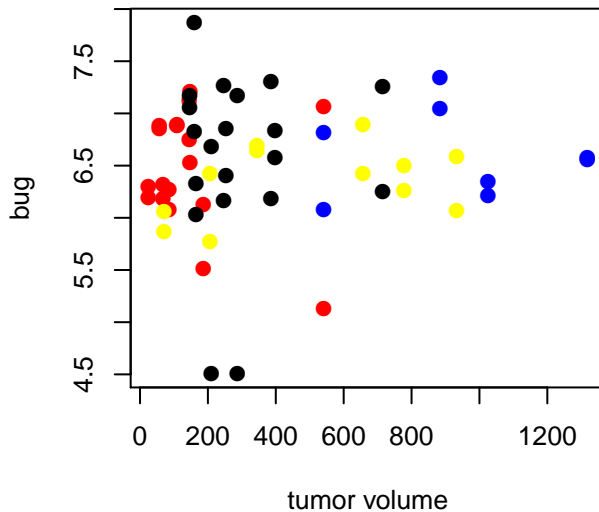
treatment group  
 $q = 0.842$   
 timepoint fob vs sg = 0.933



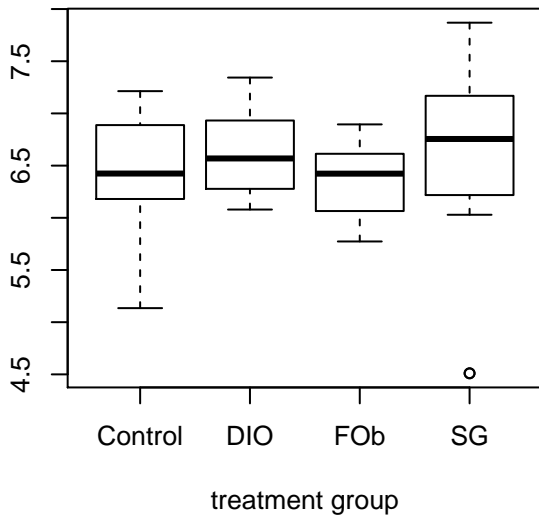
time  
 o\_Firmicutes.c\_Clostridia.o\_Clostridiales.f\_Ruminococcaceae  
 q= 0.0186



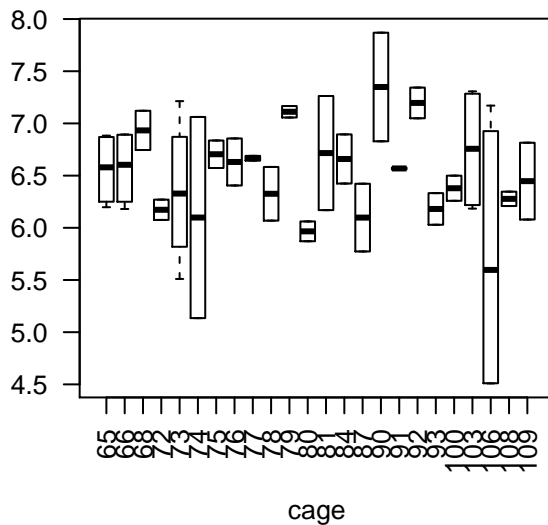
tumor volume  
 q= 0.879



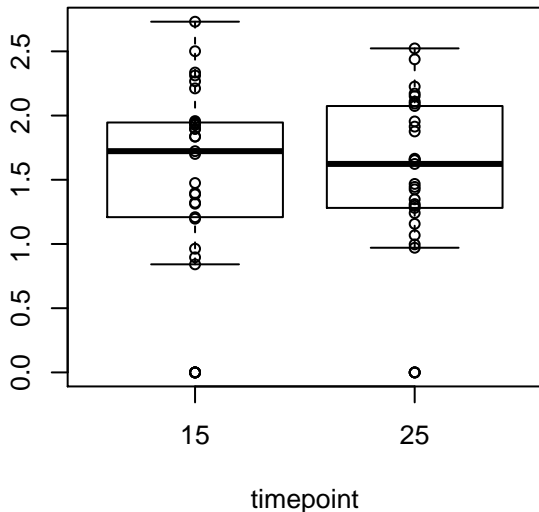
treatment group  
 q= 0.842  
 timepoint fob vs sg =0.818



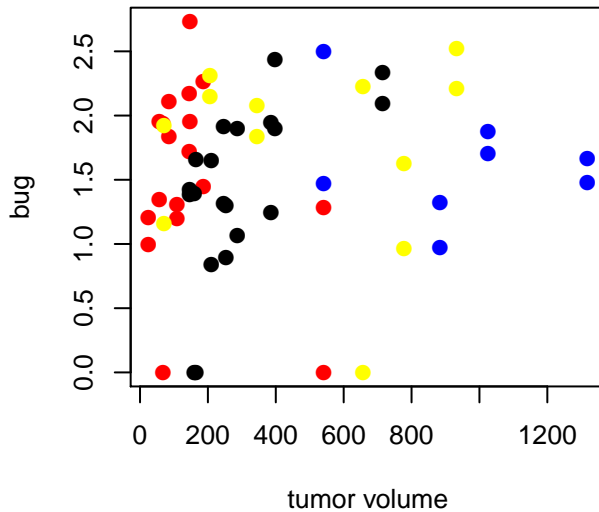
cage



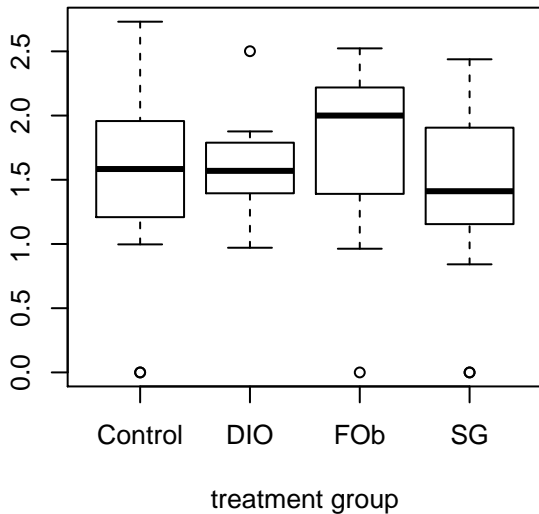
time  
 .p\_\_Bacteroidetes.c\_\_Bacteroidia.o\_\_Bacteroidales.f\_\_Prevotellac  
 q= 0.995



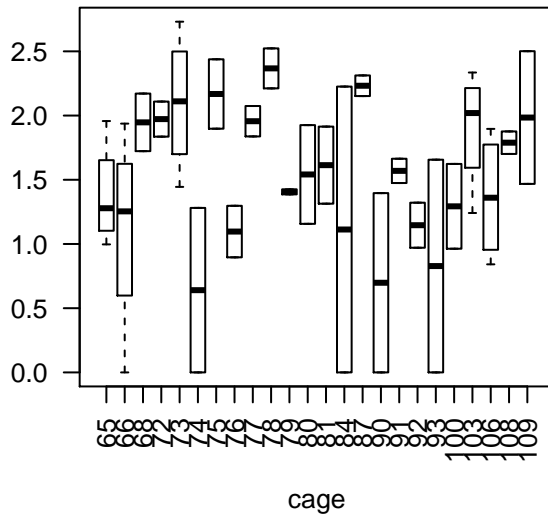
tumor volume  
 q= 0.804



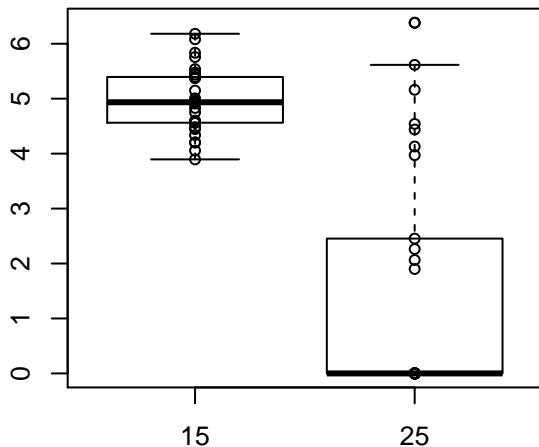
treatment group  
 q= 0.851  
 timepoint fob vs sg =0.684



cage

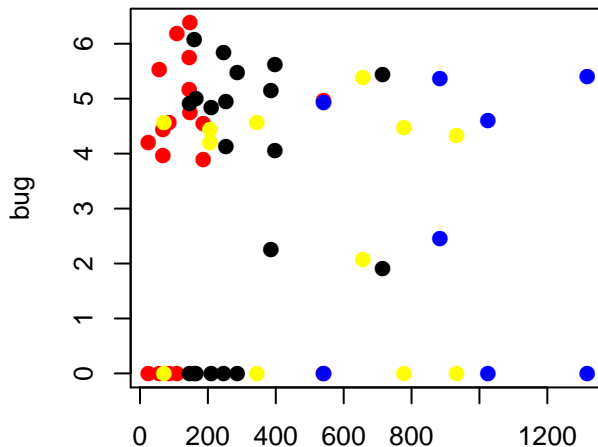


time  
Firmicutes.c Clostridia.o Clostridiales.f Dehalobacteriaceae.  
 $q = 7.66e-09$



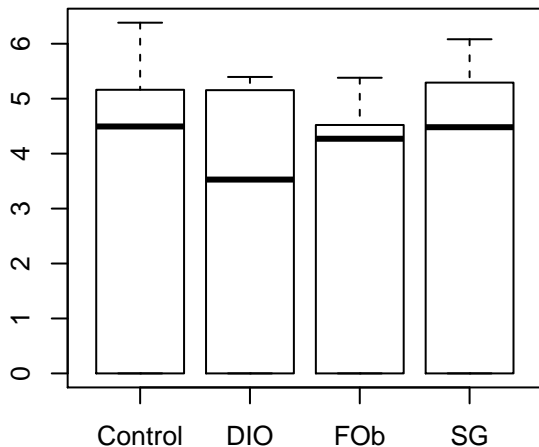
timepoint

tumor volume  
 $q = 0.771$



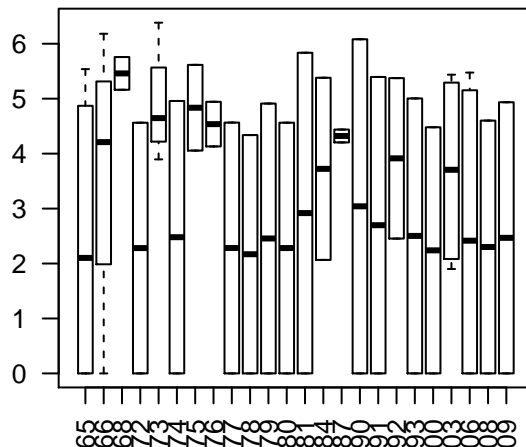
tumor volume

treatment group  
 $q = 0.851$   
timepoint fob vs sg  $= 0.933$



treatment group

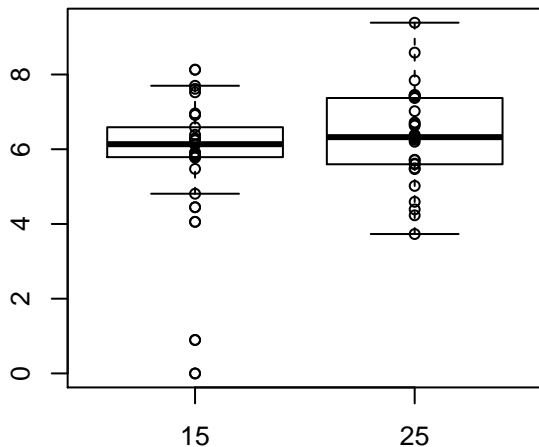
cage



cage

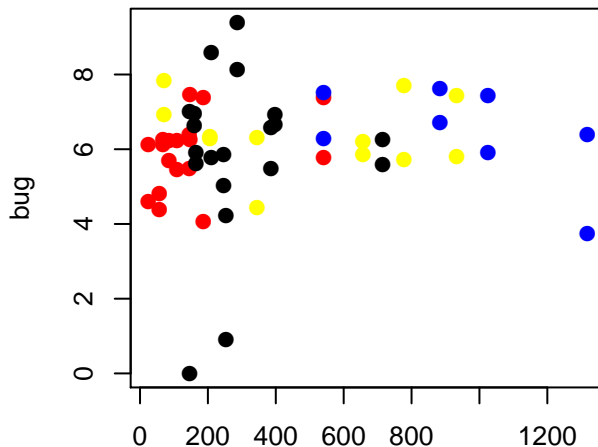


time  
 .p\_\_Firmicutes.c\_\_Erysipelotrichi.o\_\_Erysipelotrichales.f\_\_Erysip  
 q= 0.239



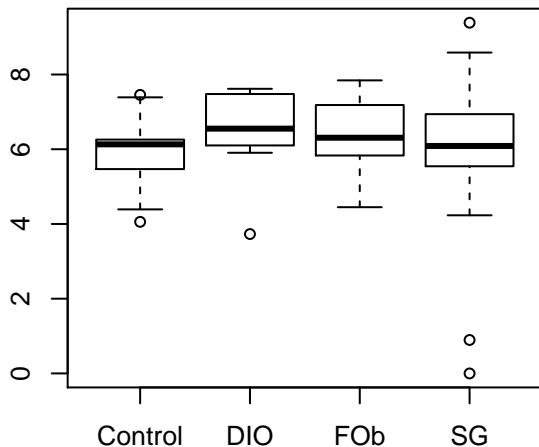
timepoint

tumor volume  
 q= 0.804



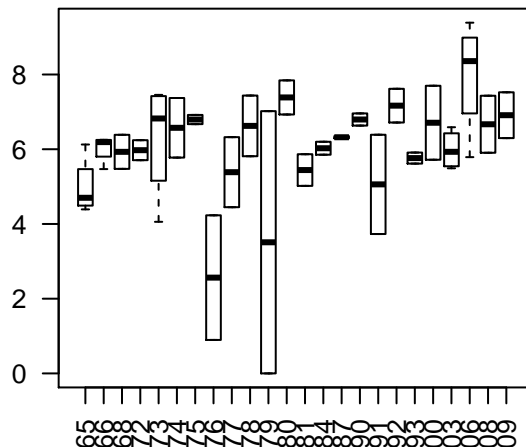
tumor volume

treatment group  
 q= 0.851  
 timepoint fob vs sg =0.933



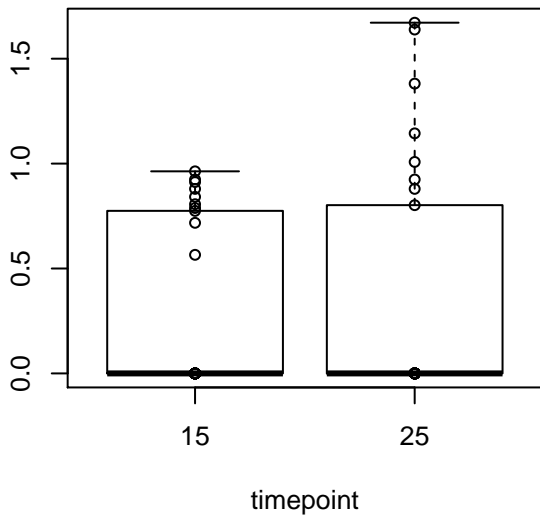
treatment group

cage

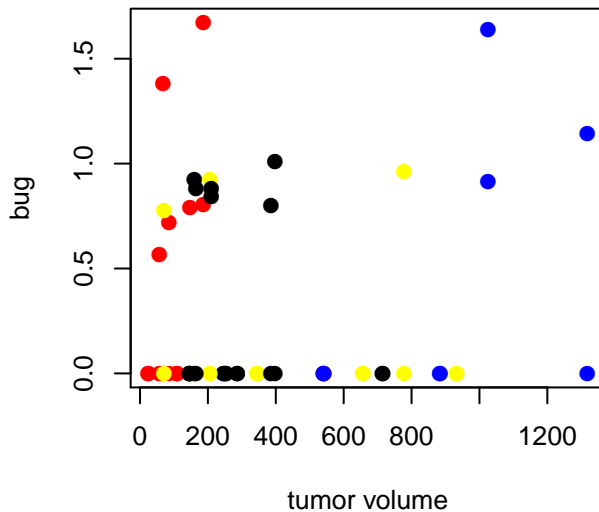


cage

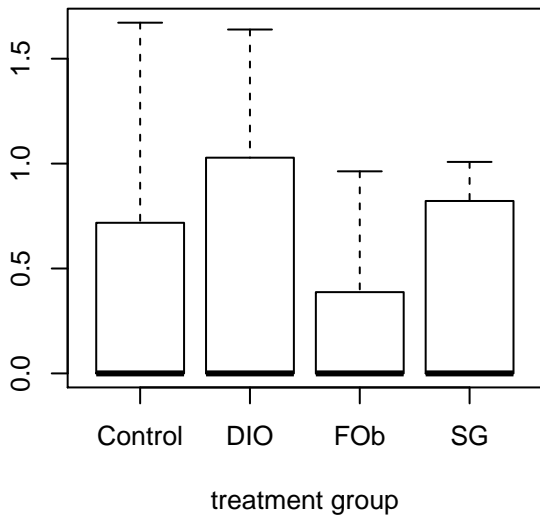
time  
 eria.p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Veillonellaceae  
 q= 0.813



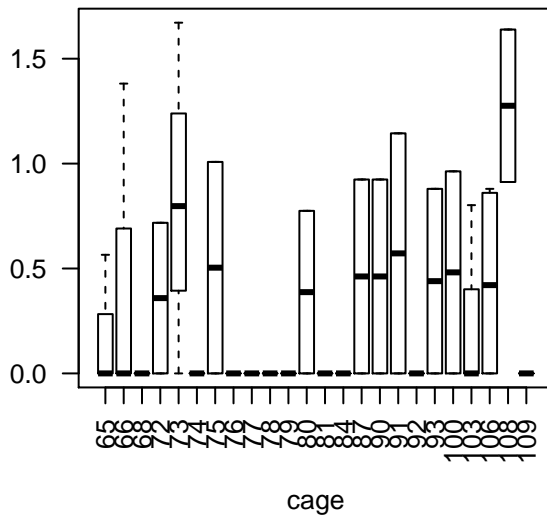
tumor volume  
 q= 0.879



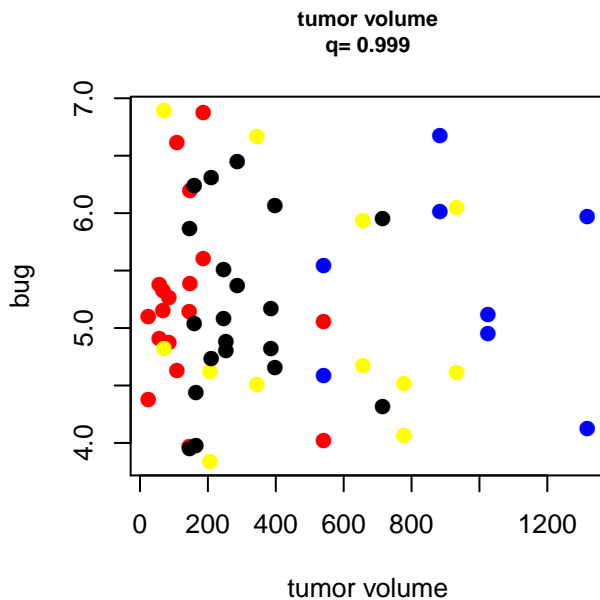
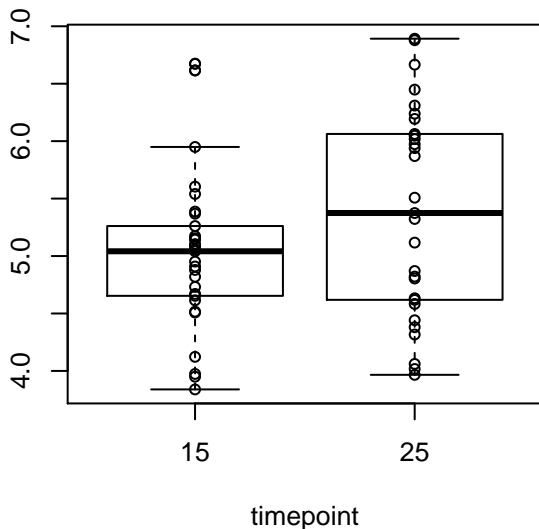
treatment group  
 q= 0.851  
 timepoint fob vs sg =0.933



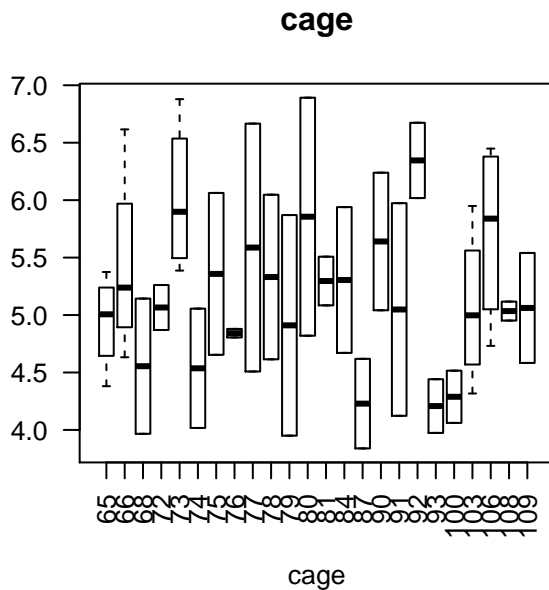
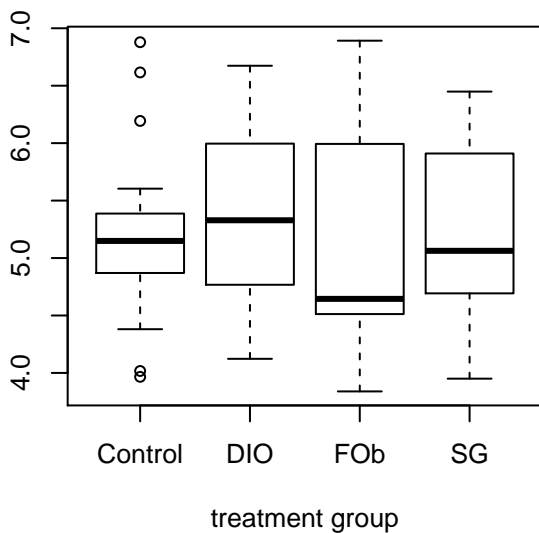
cage



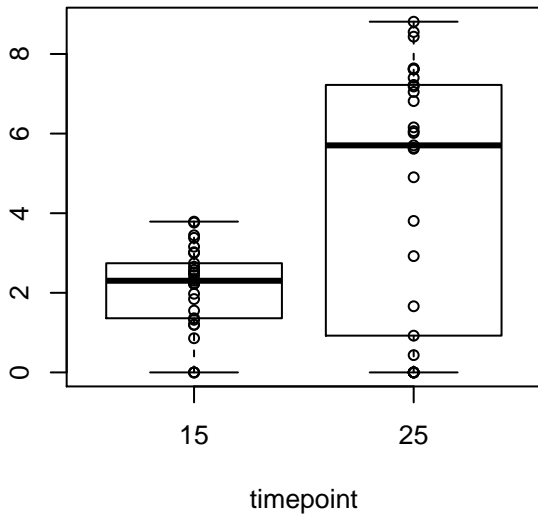
time  
bacteria.p\_Firmicutes.c\_Clostridia.o\_Clostridiales.f\_Lachnospir  
q= 0.105



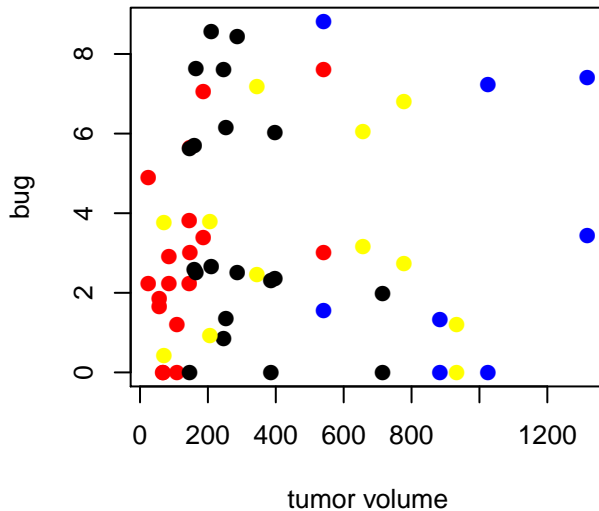
treatment group  
q= 0.897  
timepoint fob vs sg =0.933



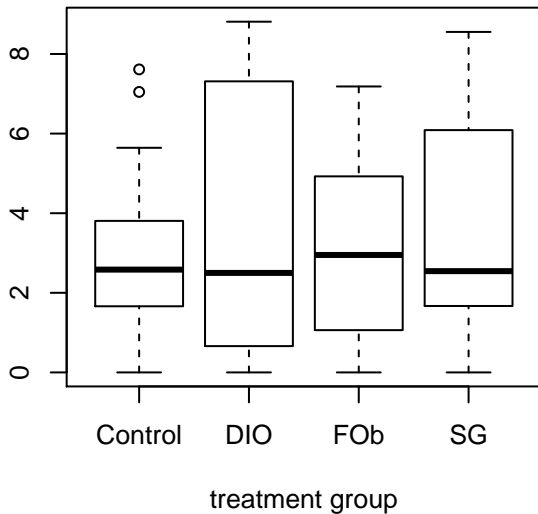
time  
 proteobacteria.c\_\_Betaproteobacteria.o\_\_Burkholderiales.f\_\_Alcali  
 q = 0.000276



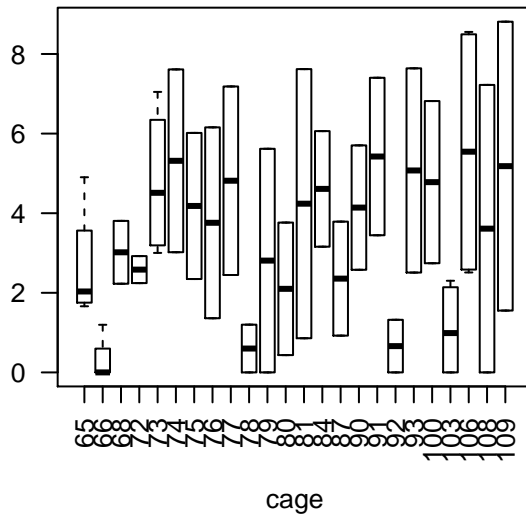
tumor volume  
 q = 0.879



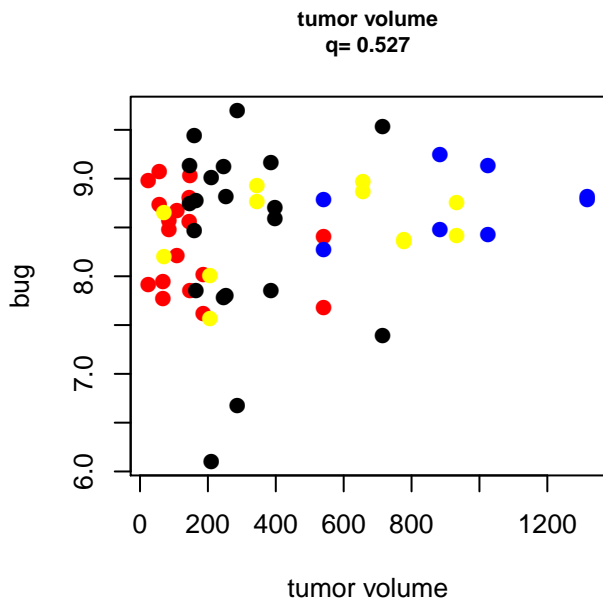
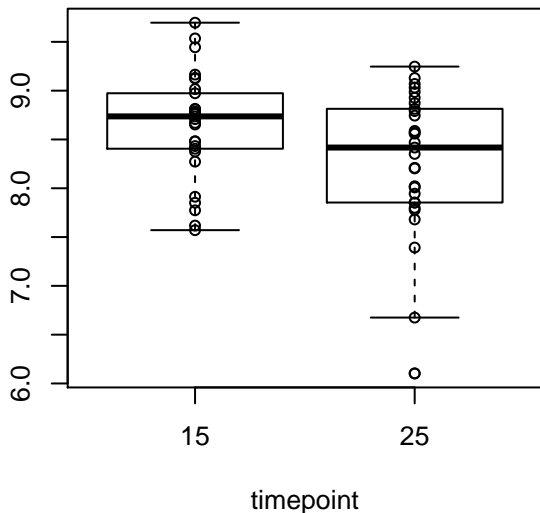
treatment group  
 q = 0.9  
 timepoint fob vs sg = 0.818



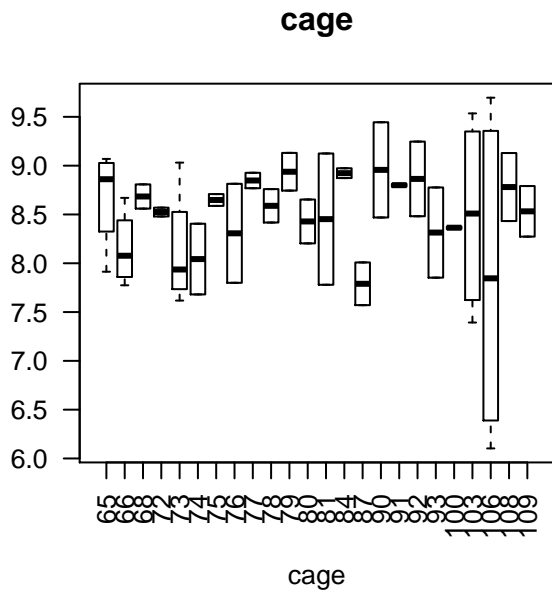
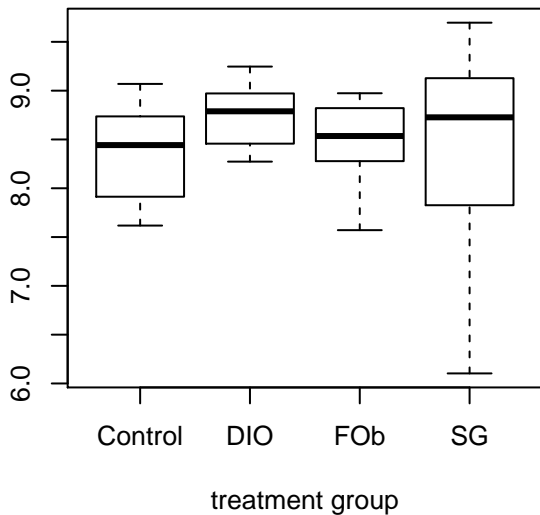
cage



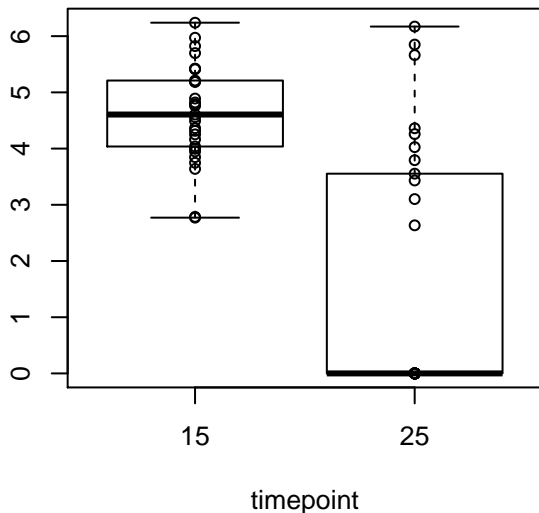
time  
 .p\_\_Firmicutes.c\_\_Clostridia.o\_\_Clostridiales.f\_\_Ruminococcaceae  
 q= 0.0713



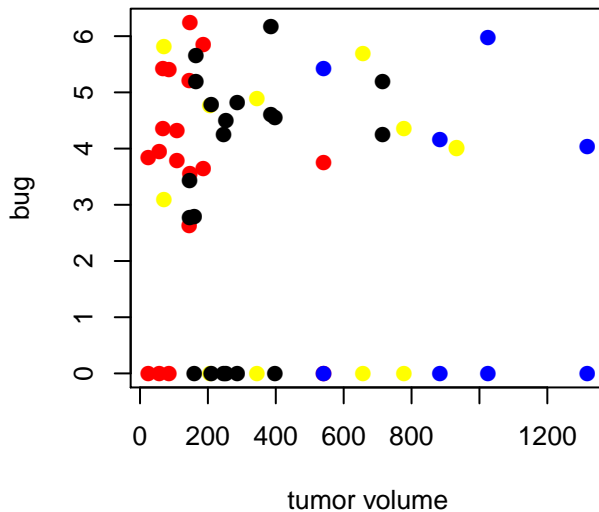
treatment group  
 q= 0.932  
 timepoint fob vs sg =0.684



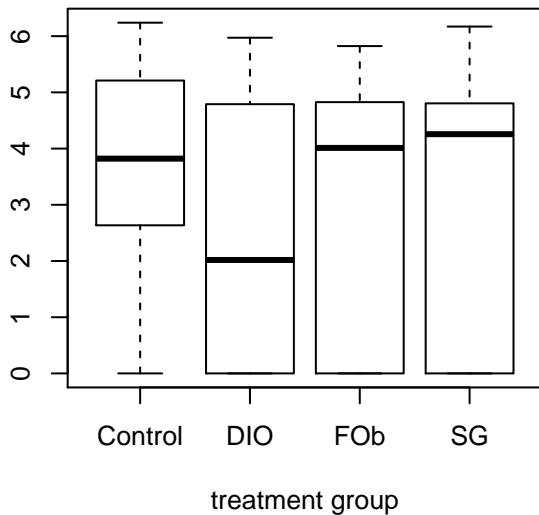
time  
 p\_Firmicutes.c\_Bacilli.o\_Lactobacillales.f\_Streptococcaceae.  
 q= 5.89e-08



tumor volume  
 q= 0.771



treatment group  
 q= 0.938  
 timepoint fob vs sg =0.93



cage

