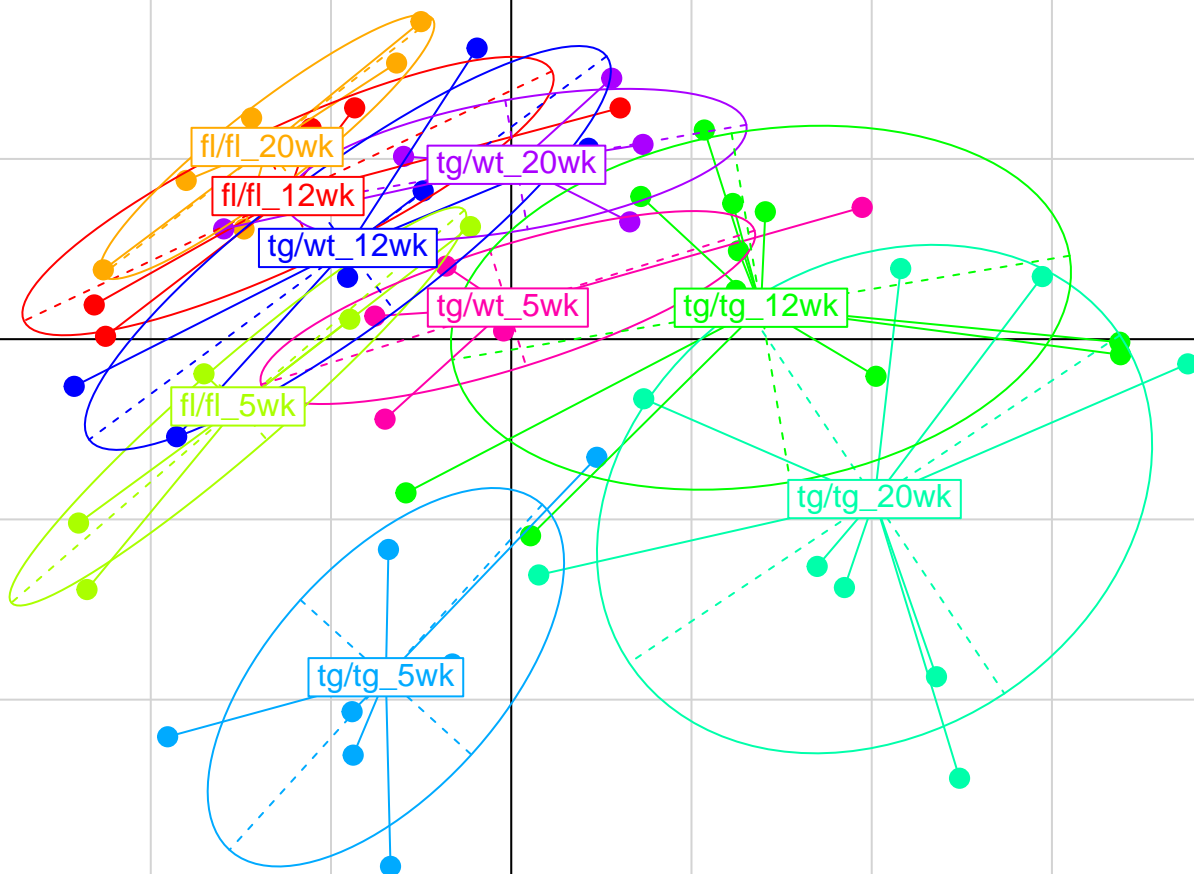


d = 0.1

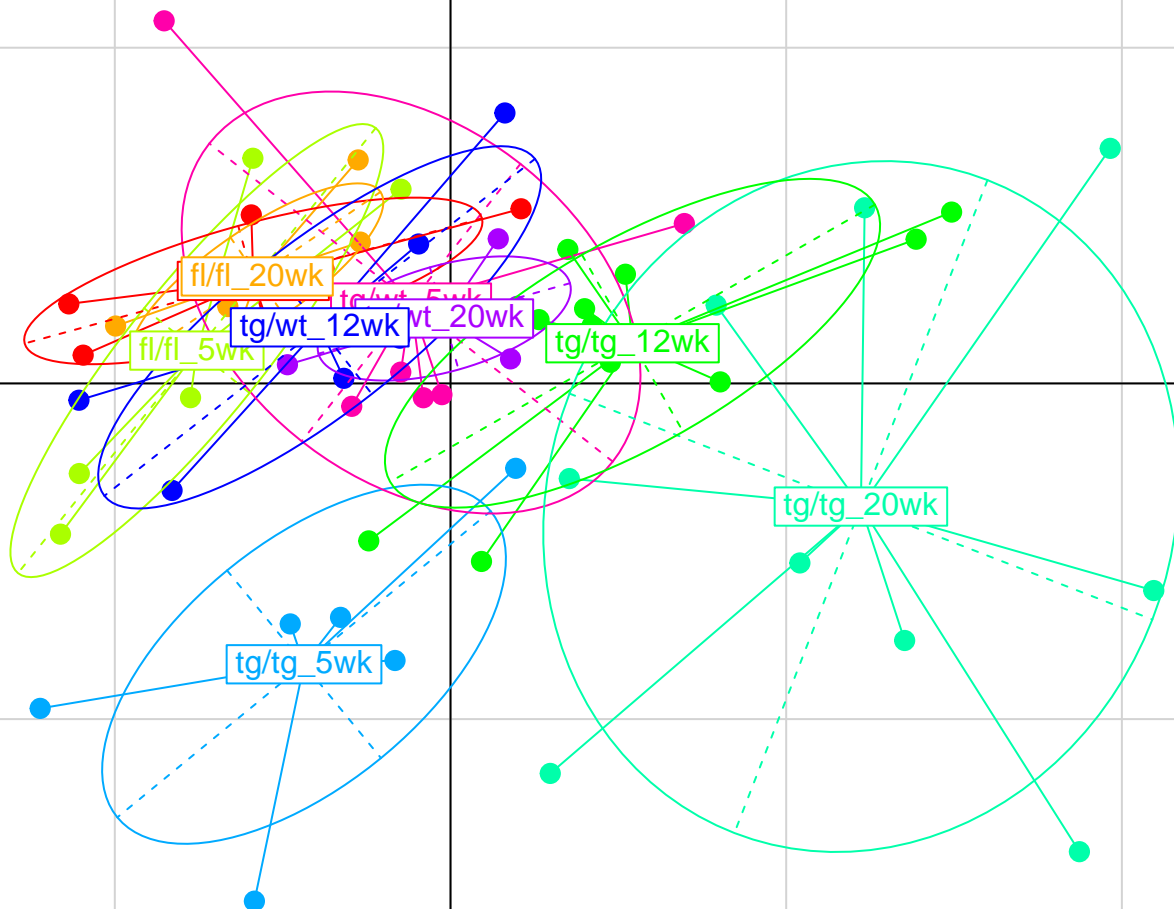


MDS plot of Microbial Profiles

PERMDISP  $p=0.002$

PERMANOVA  $p=0.001$

d = 0.2

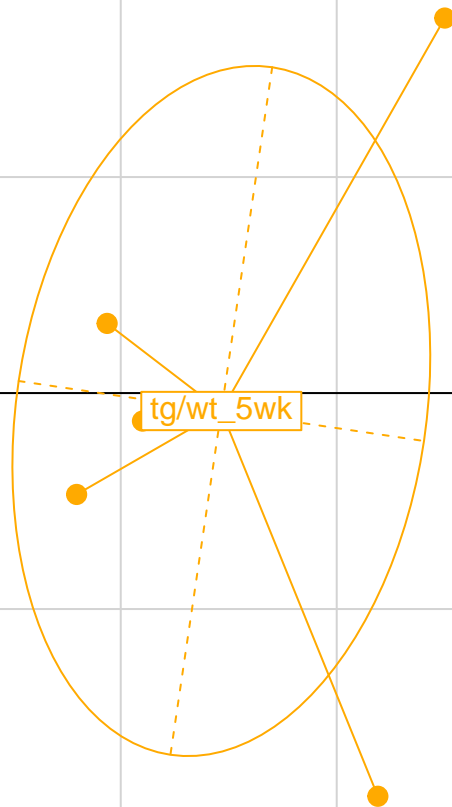
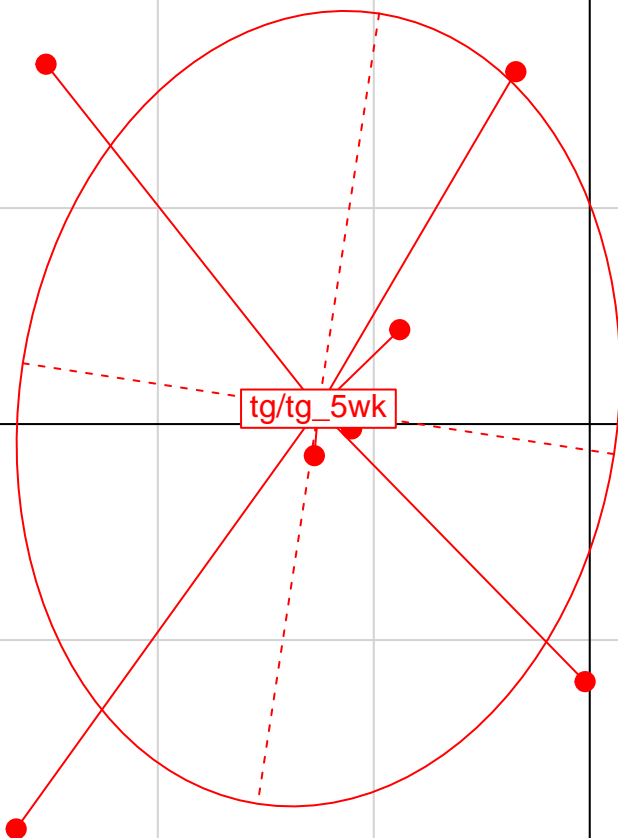


metaNMDS plot of Microbial Profiles

PERMDISP p=0.002

PERMANOVA p=0.001

d = 0.1



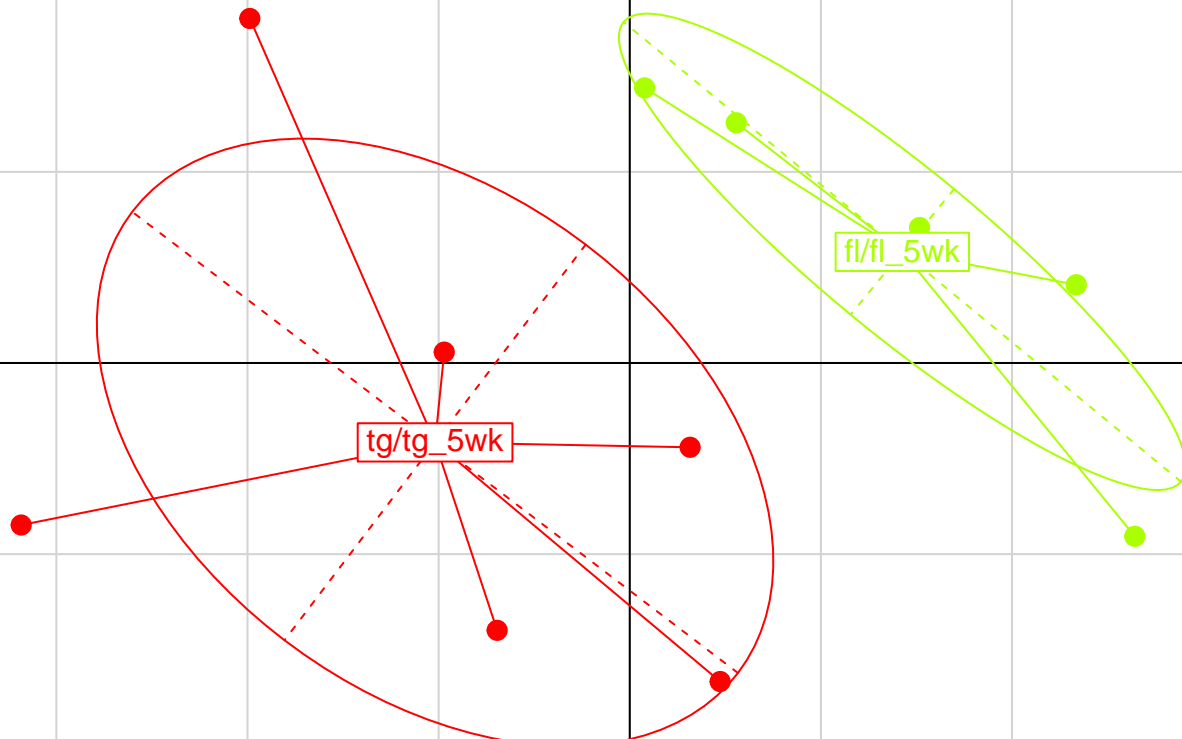
NMDS plot of Microbial Profiles

tg/tg\_5wk – tg/wt\_5wk

PERMDISP p=0.419, p.adj=0.6824

PERMANOVA p=0.003, p.adj=0.0047

d = 0.1



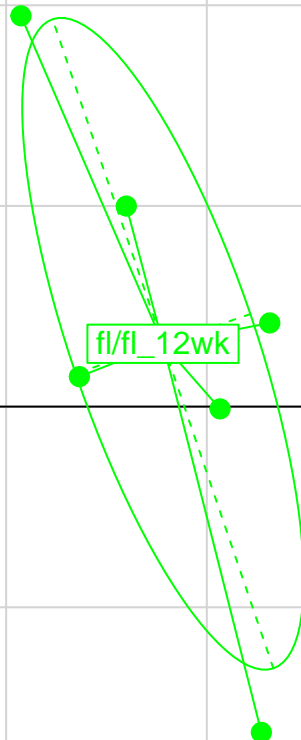
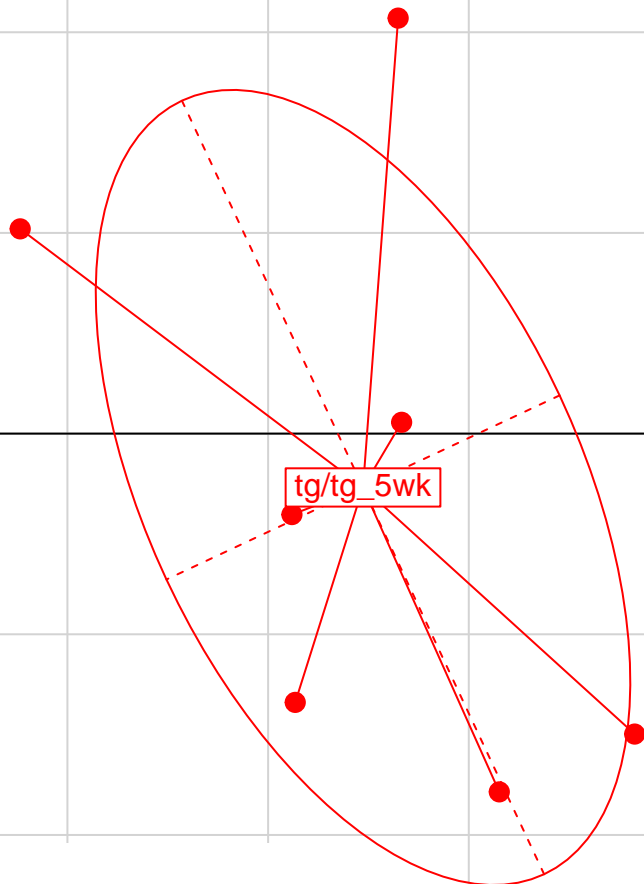
NMDS plot of Microbial Profiles

tg/tg\_5wk – fl/fl\_5wk

PERMDISP p=0.283, p.adj=0.5993

PERMANOVA p=0.002, p.adj=0.0038

d = 0.1



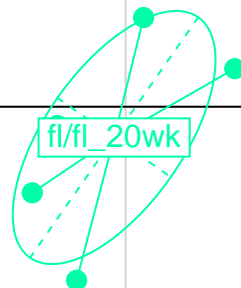
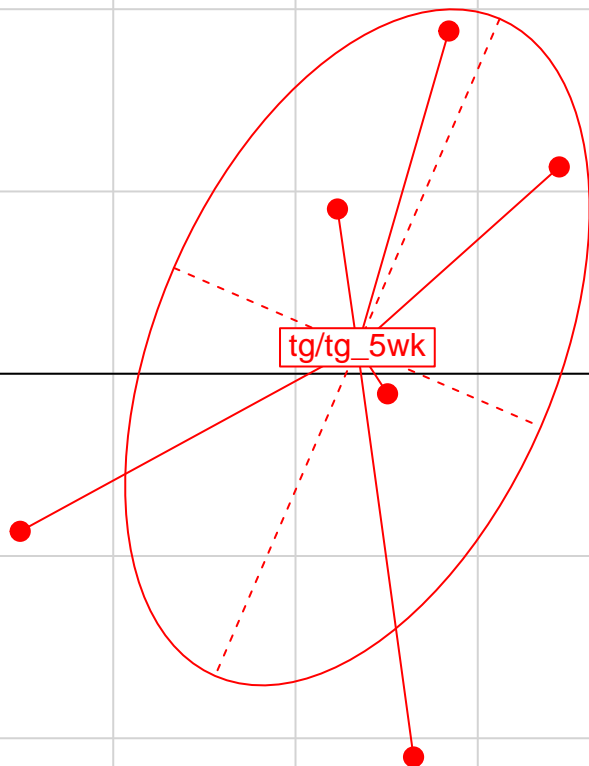
NMDS plot of Microbial Profiles

tg/tg\_5wk – fl/fl\_12wk

PERMDISP p=0.222, p.adj=0.5108

PERMANOVA p=0.002, p.adj=0.0038

d = 0.1



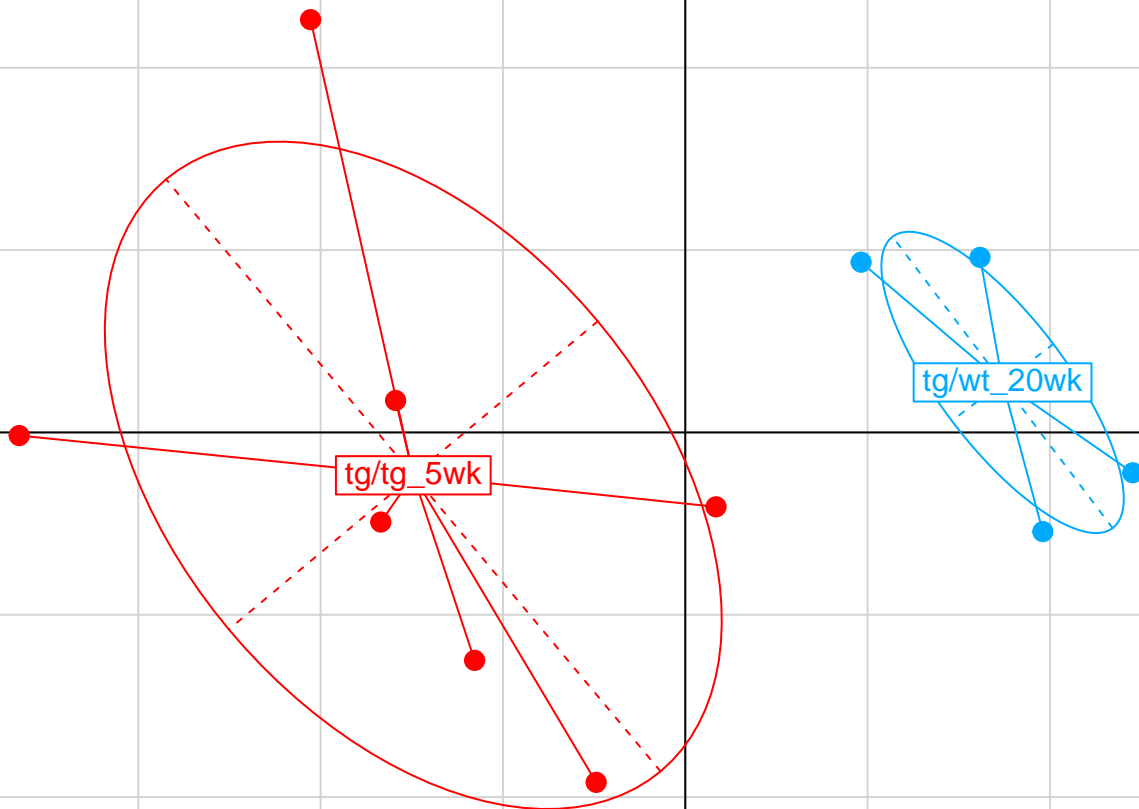
NMDS plot of Microbial Profiles

tg/tg\_5wk – fl/fl\_20wk

PERMDISP  $p=0.056$ ,  $p.\text{adj}=0.2016$

PERMANOVA  $p=0.001$ ,  $p.\text{adj}=0.0028$

d = 0.1



NMDS plot of Microbial Profiles

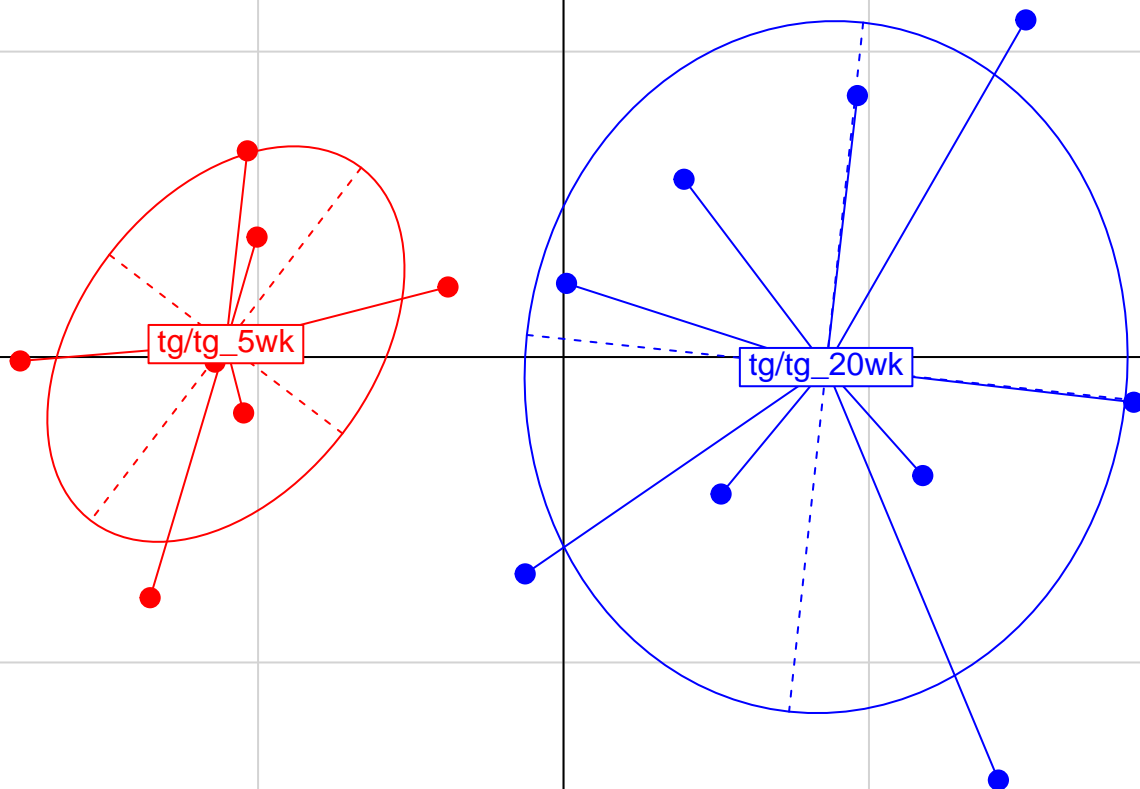
tg/tg\_5wk – tg/wt\_20wk

PERMDISP p=0.026, p.adj=0.117

PERMANOVA p=0.003, p.adj=0.0047



d = 0.2



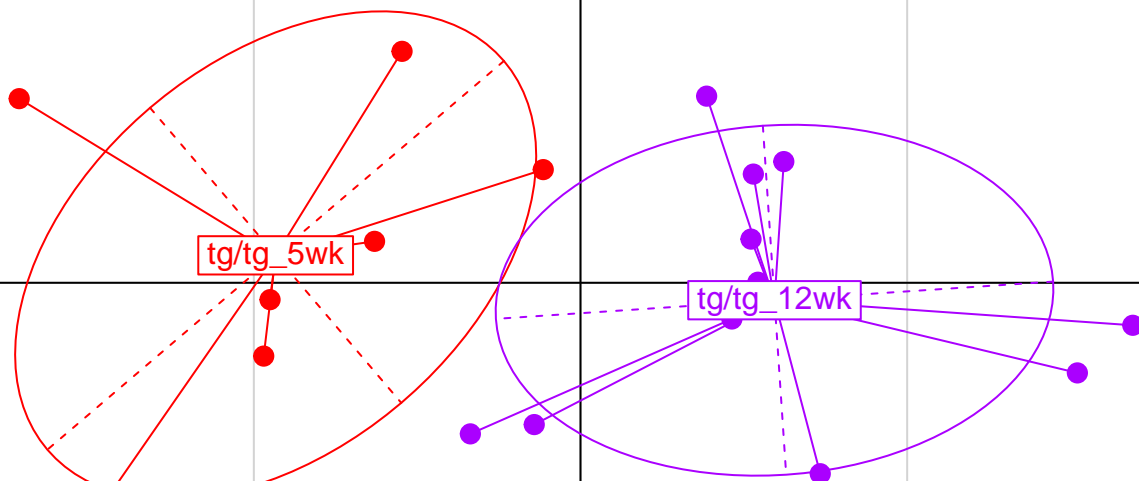
NMDS plot of Microbial Profiles

tg/tg\_5wk – tg/tg\_20wk

PERMDISP p=0.041, p.adj=0.164

PERMANOVA p=0.001, p.adj=0.0028

d = 0.2



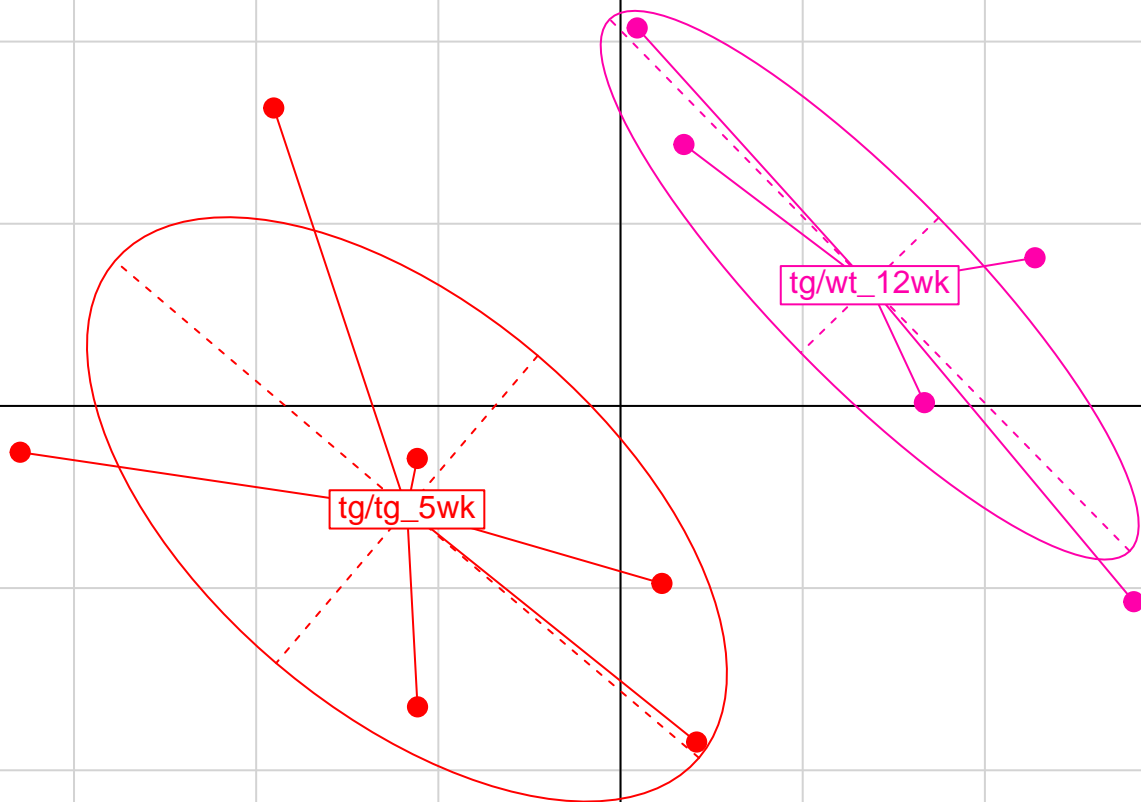
NMDS plot of Microbial Profiles

tg/tg\_5wk – tg/tg\_12wk

PERMDISP p=0.643, p.adj=0.8124

PERMANOVA p=0.001, p.adj=0.0028

d = 0.1



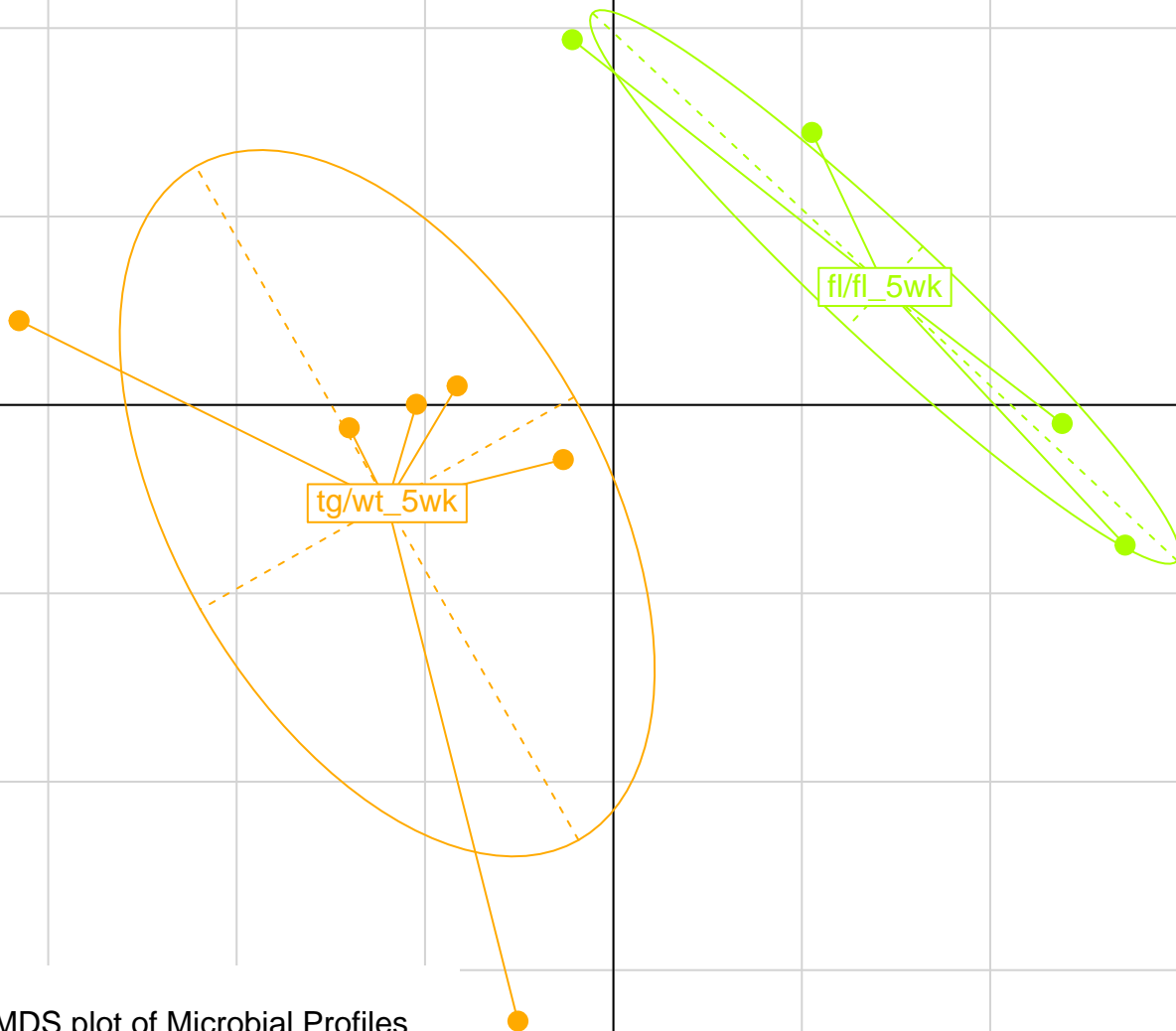
NMDS plot of Microbial Profiles

tg/tg\_5wk – tg/wt\_12wk

PERMDISP p=0.436, p.adj=0.6824

PERMANOVA p=0.001, p.adj=0.0028

d = 0.1



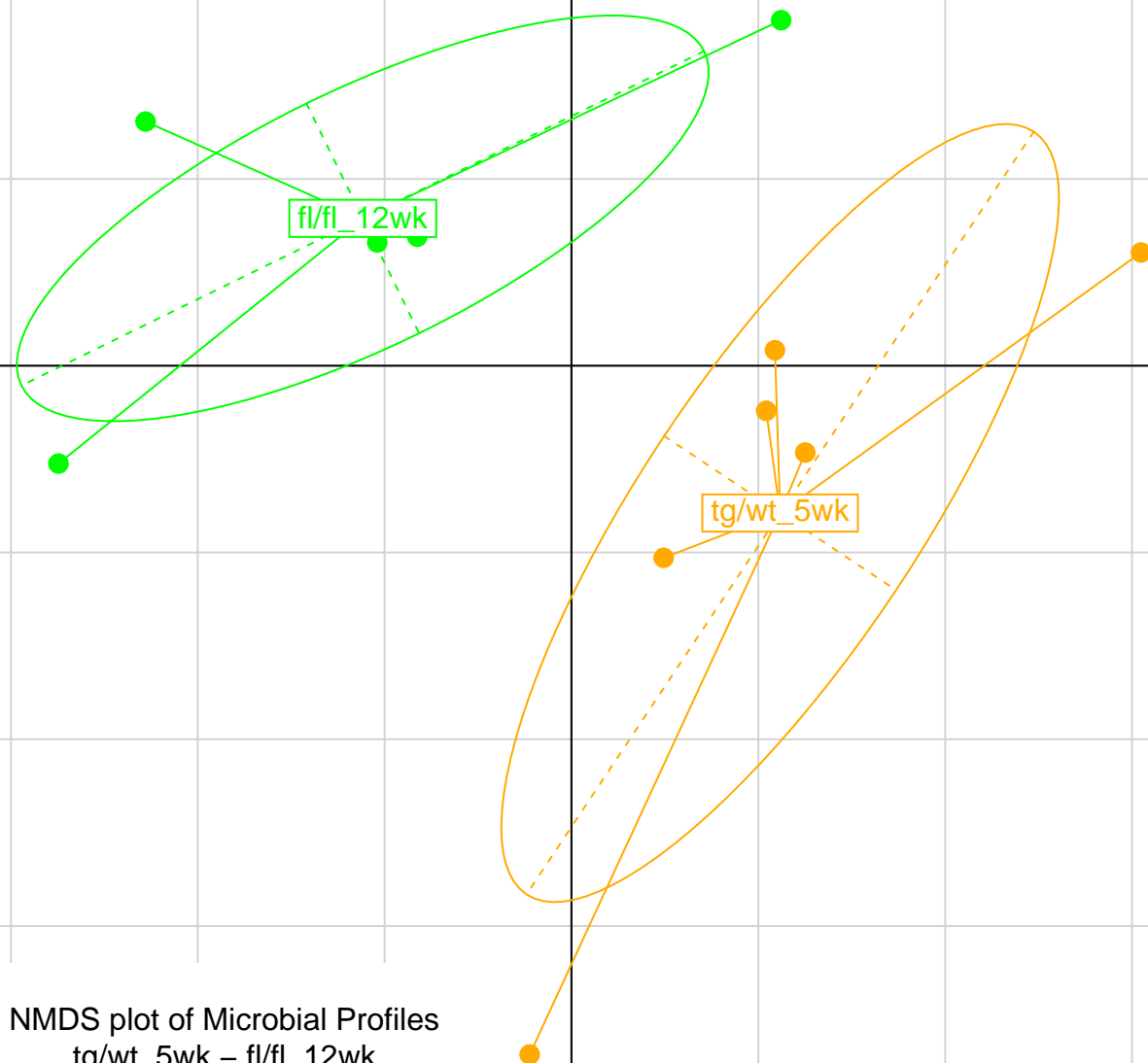
NMDS plot of Microbial Profiles

tg/wt\_5wk – fl/fl\_5wk

PERMDISP p=0.862, p.adj=0.8866

PERMANOVA p=0.005, p.adj=0.0067

d = 0.1



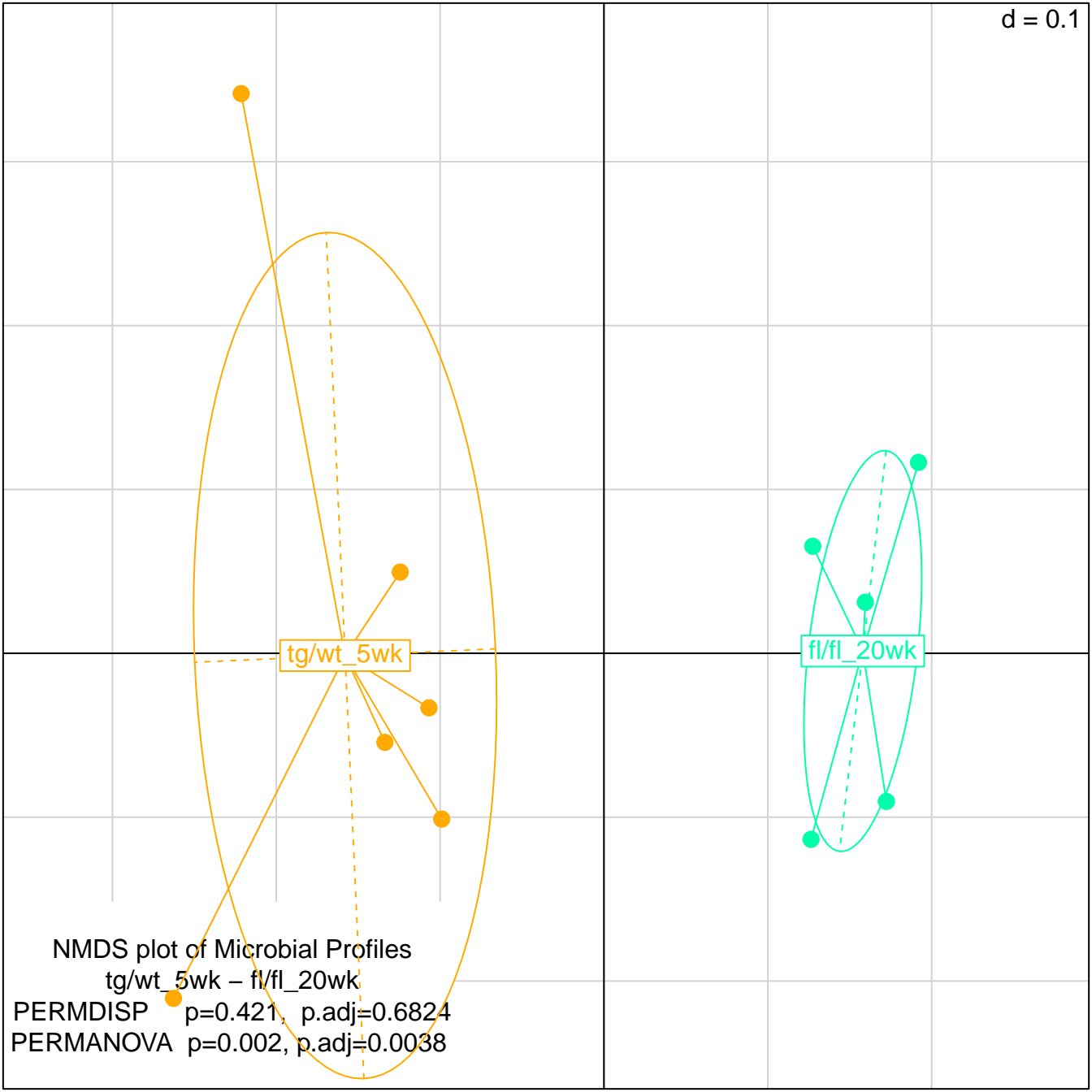
NMDS plot of Microbial Profiles

tg/wt\_5wk – fl/fl\_12wk

PERMDISP p=0.677, p.adj=0.8124

PERMANOVA p=0.004, p.adj=0.0055

d = 0.1



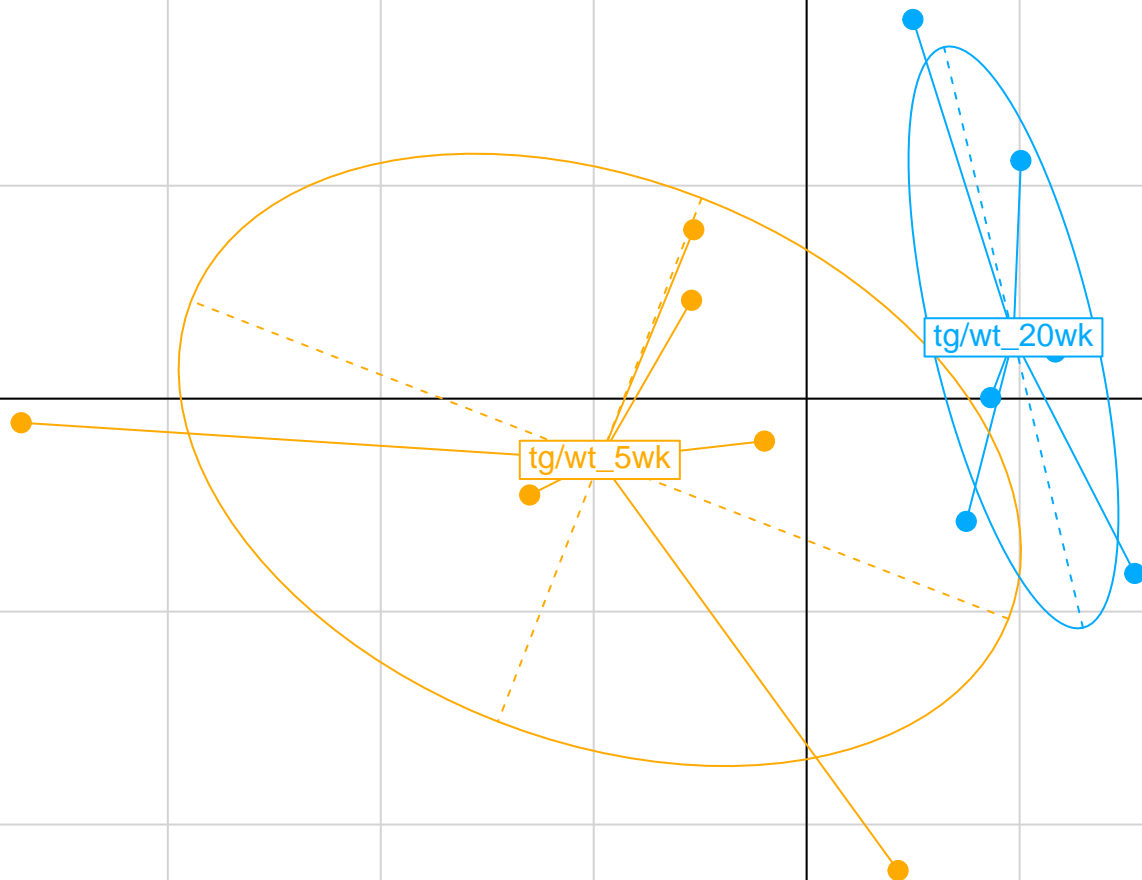
NMDS plot of Microbial Profiles

tg/wt\_5wk – fl/fl\_20wk

PERMDISP p=0.421, p.adj=0.6824

PERMANOVA p=0.002, p.adj=0.0038

d = 0.1



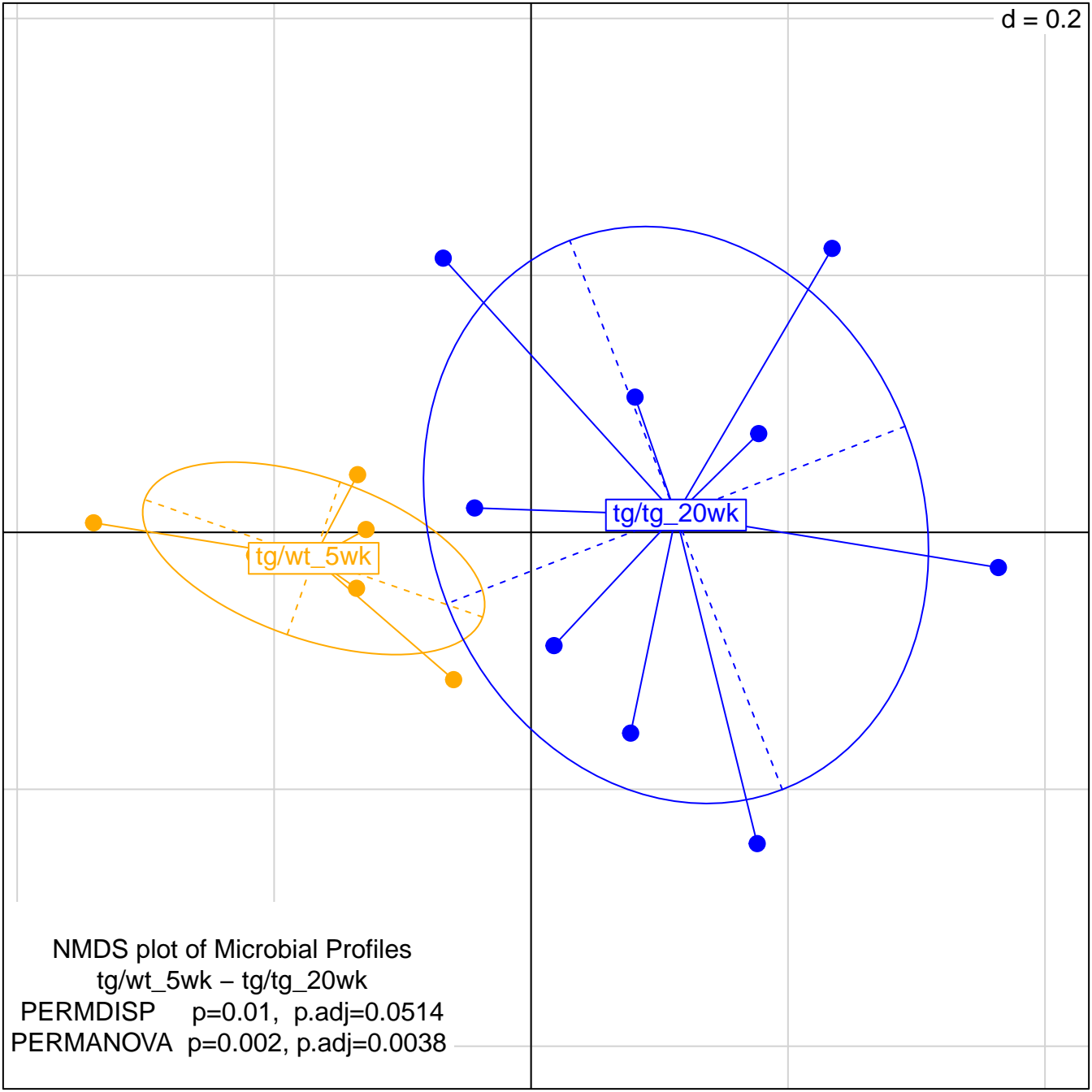
NMDS plot of Microbial Profiles

tg/wt\_5wk – tg/wt\_20wk

PERMDISP p=0.302, p.adj=0.604

PERMANOVA p=0.011, p.adj=0.0128

d = 0.2



NMDS plot of Microbial Profiles

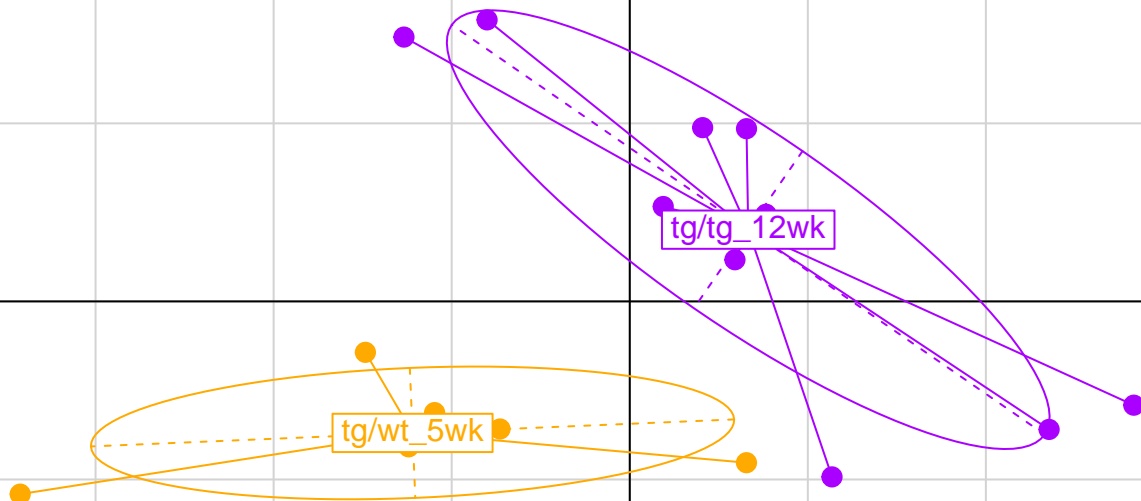
tg/wt\_5wk – tg/tg\_20wk

PERMDISP p=0.01, p.adj=0.0514

PERMANOVA p=0.002, p.adj=0.0038



d = 0.1



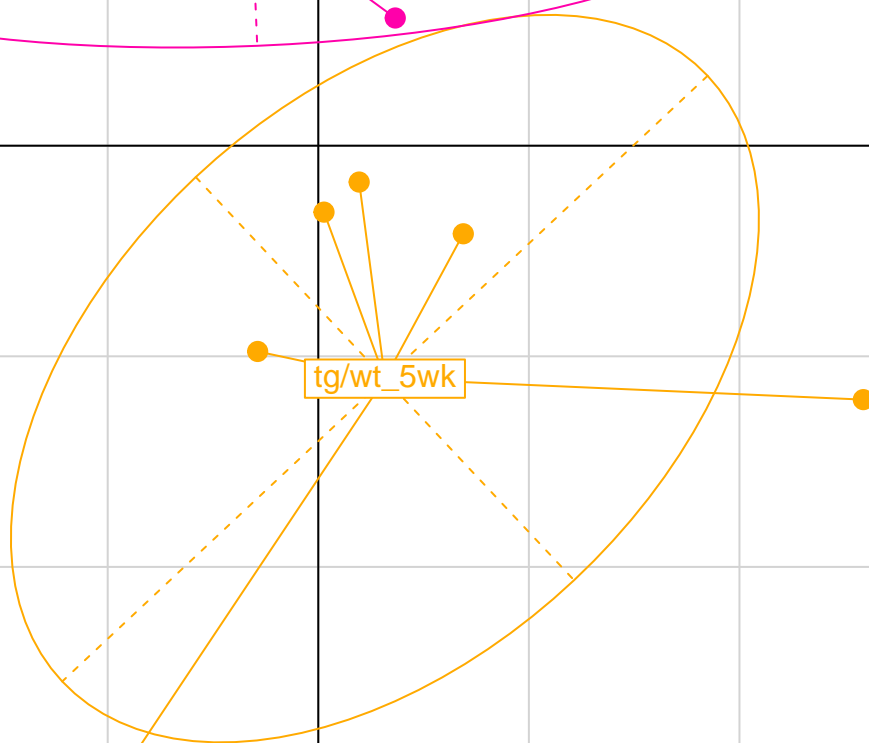
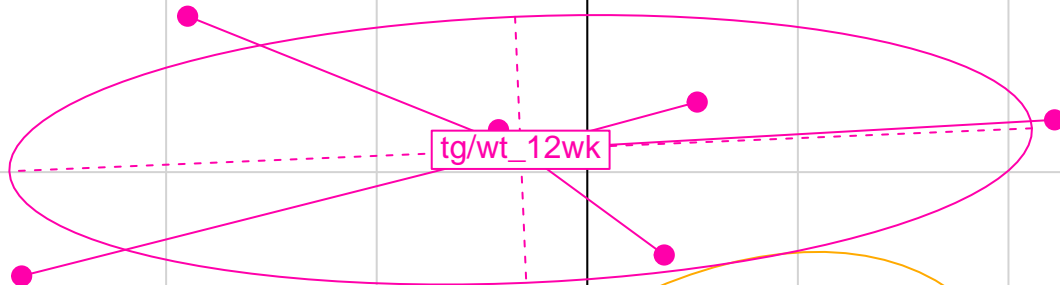
NMDS plot of Microbial Profiles

tg/wt\_5wk – tg/tg\_12wk

PERMDISP  $p=0.667$ ,  $p.adj=0.8124$

PERMANOVA  $p=0.003$ ,  $p.adj=0.0047$

d = 0.1



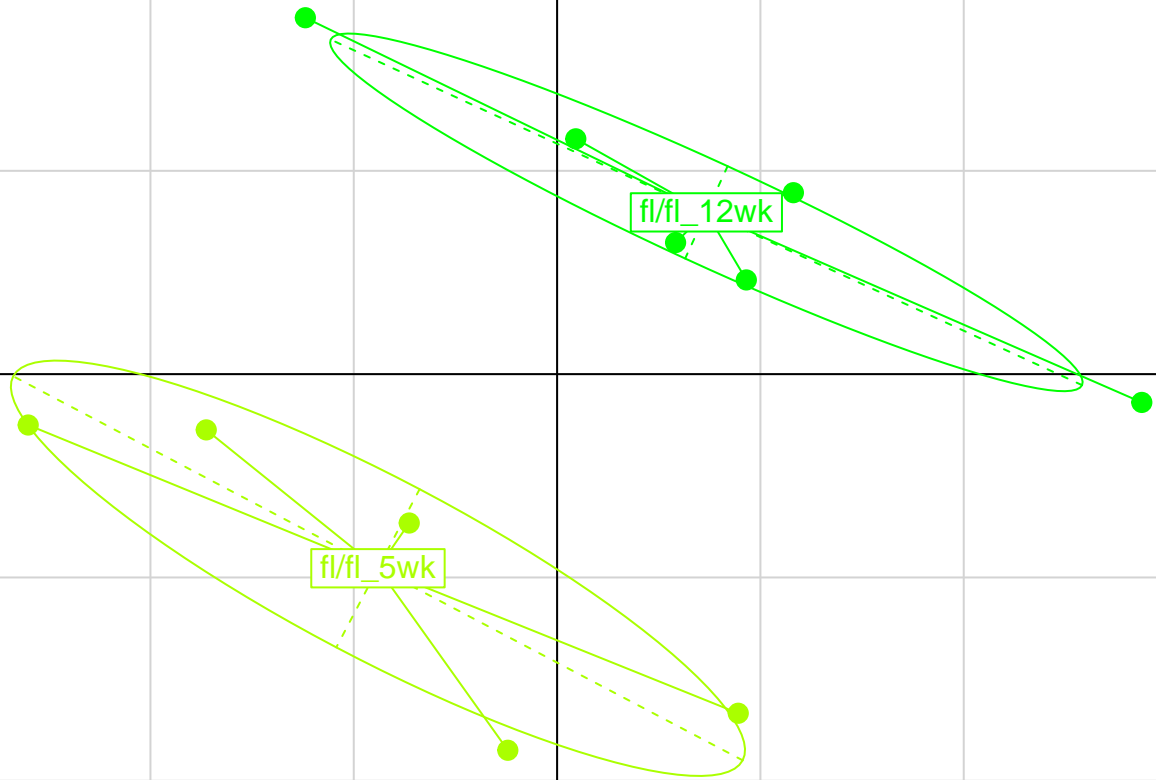
NMDS plot of Microbial Profiles

tg/wt\_5wk – tg/wt\_12wk

PERMDISP p=0.954, p.adj=0.954

PERMANOVA p=0.006, p.adj=0.0077

d = 0.1



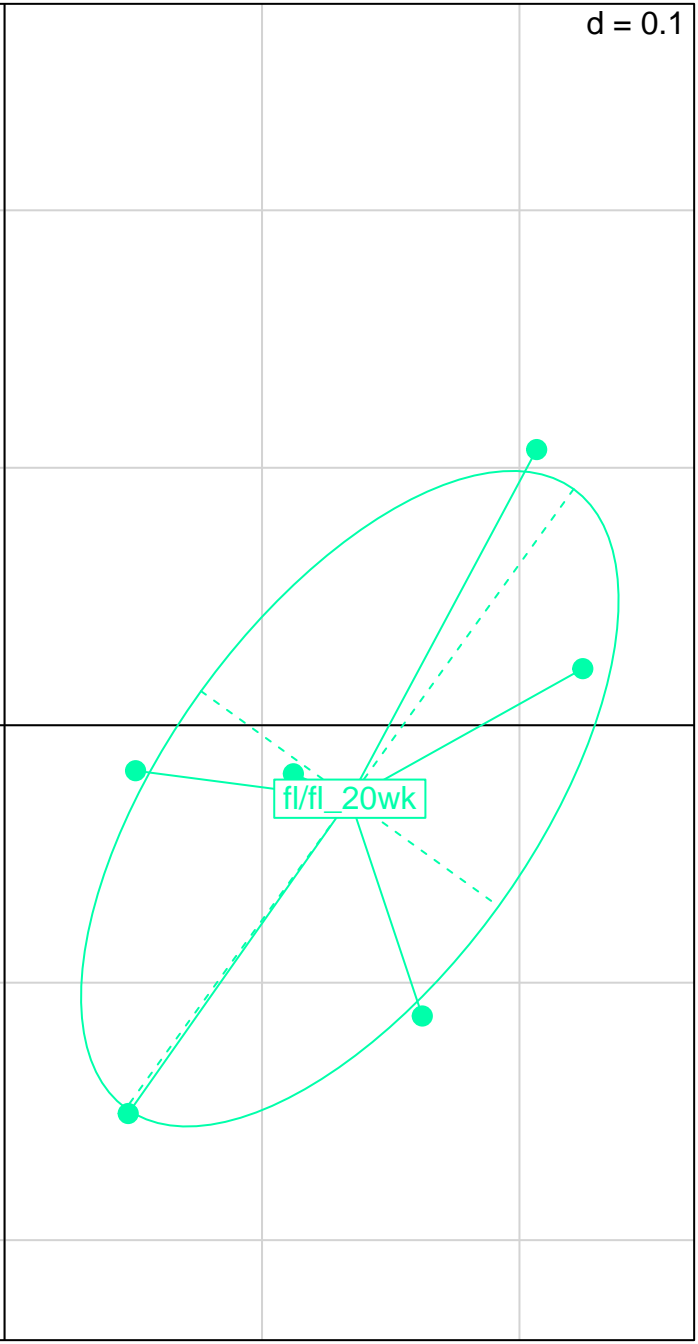
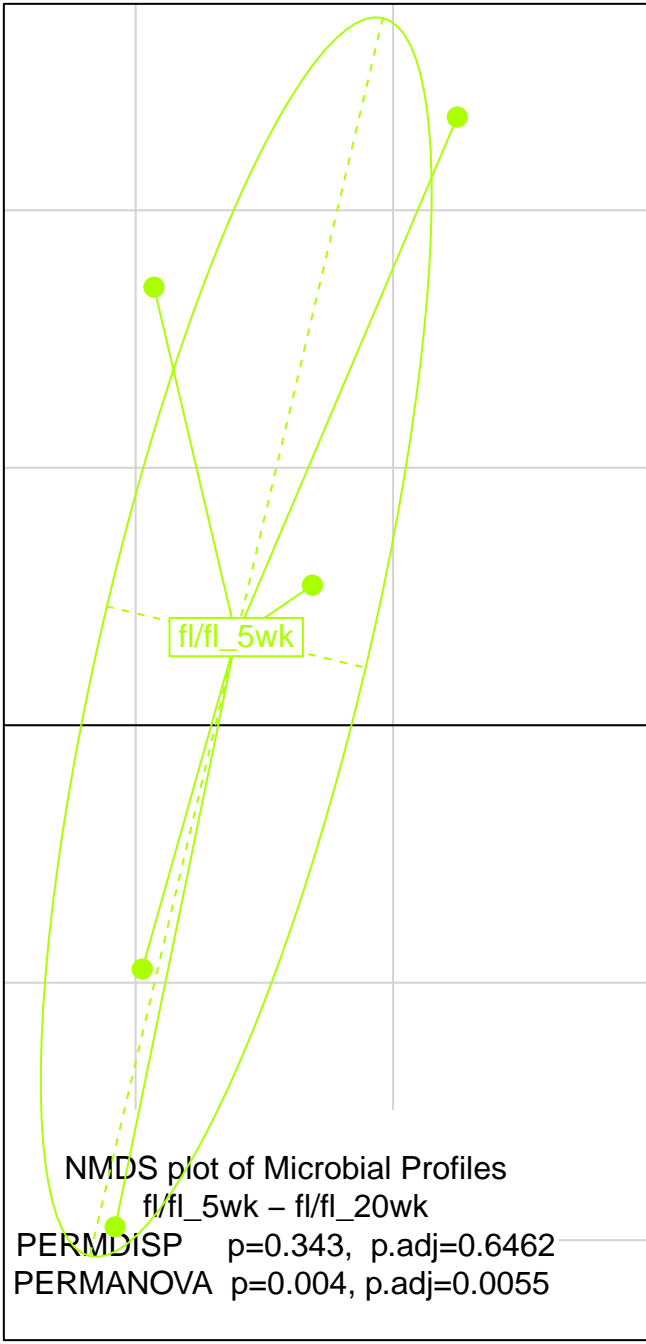
NMDS plot of Microbial Profiles

fl/fl\_5wk – fl/fl\_12wk

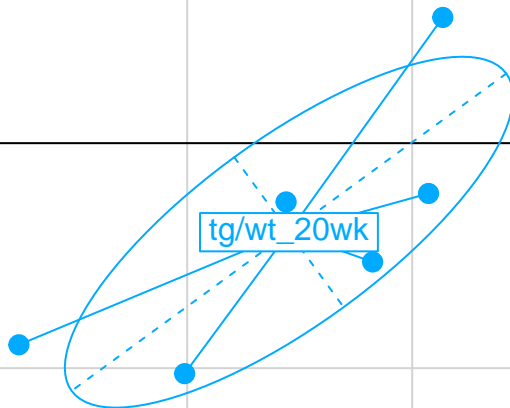
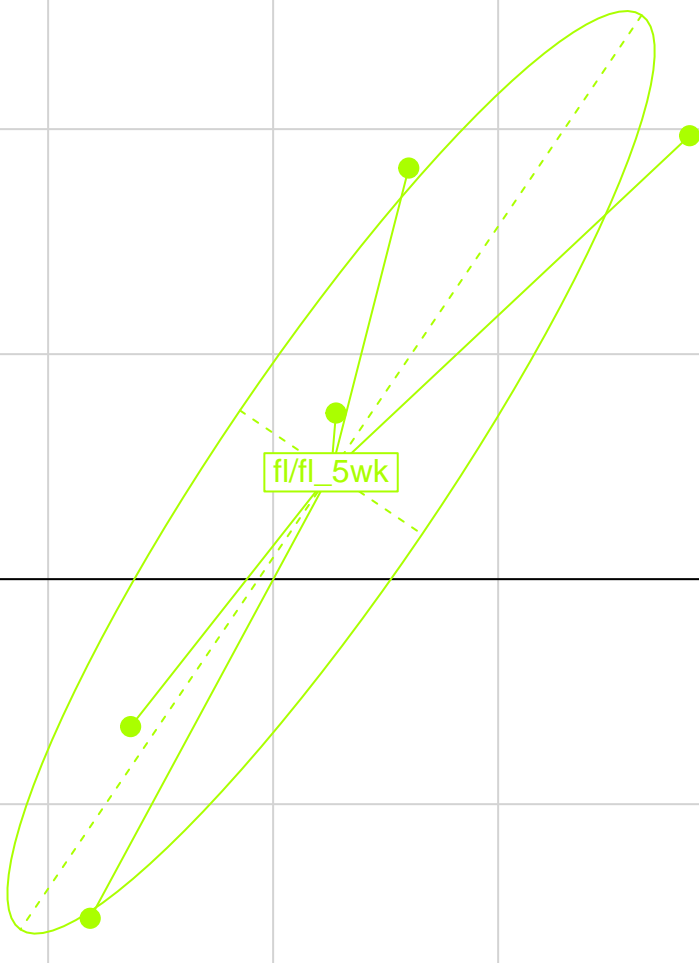
PERMDISP p=0.762, p.adj=0.8407

PERMANOVA p=0.004, p.adj=0.0055

d = 0.1



d = 0.1



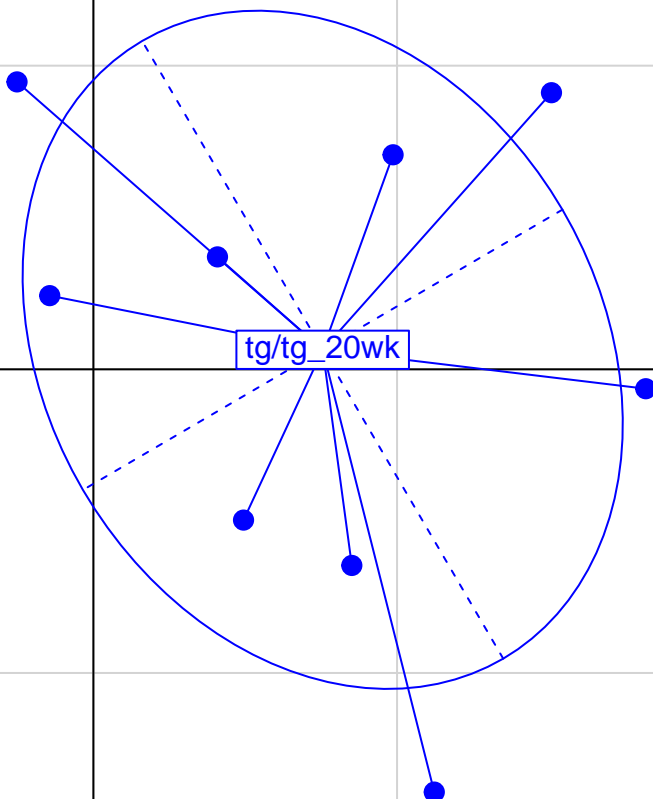
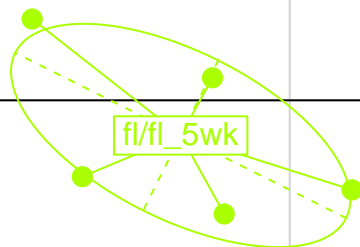
NMDS plot of Microbial Profiles

fl/fl\_5wk – tg/wt\_20wk

PERMDISP p=0.146, p.adj=0.3934

PERMANOVA p=0.003, p.adj=0.0047

d = 0.2



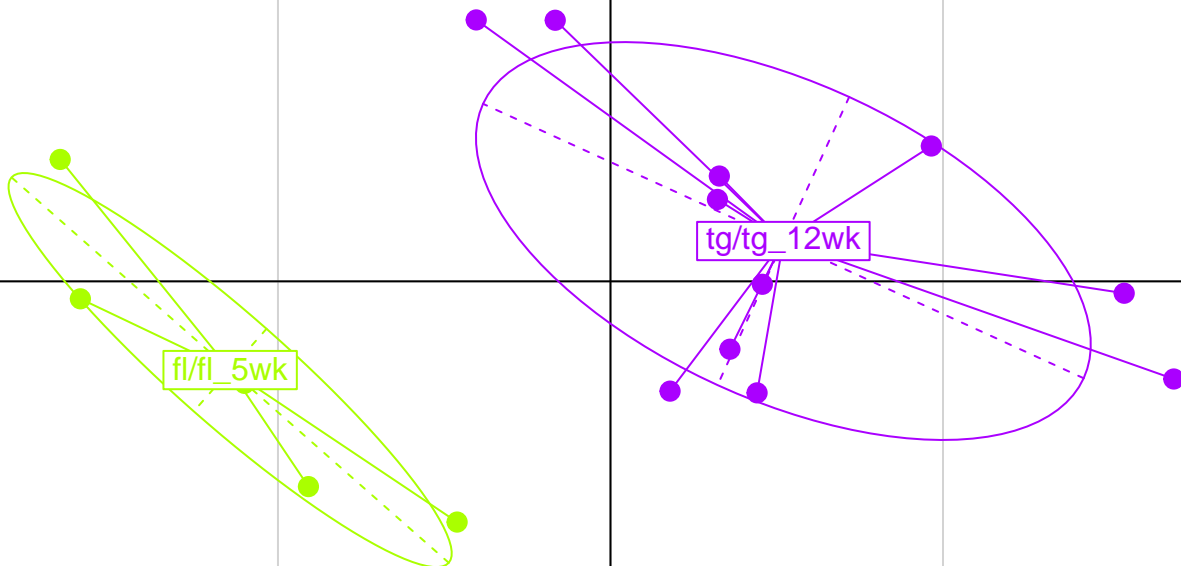
NMDS plot of Microbial Profiles

fl/fl\_5wk – tg/tg\_20wk

PERMDISP p=0.004, p.adj=0.048

PERMANOVA p=0.001, p.adj=0.0028

d = 0.2



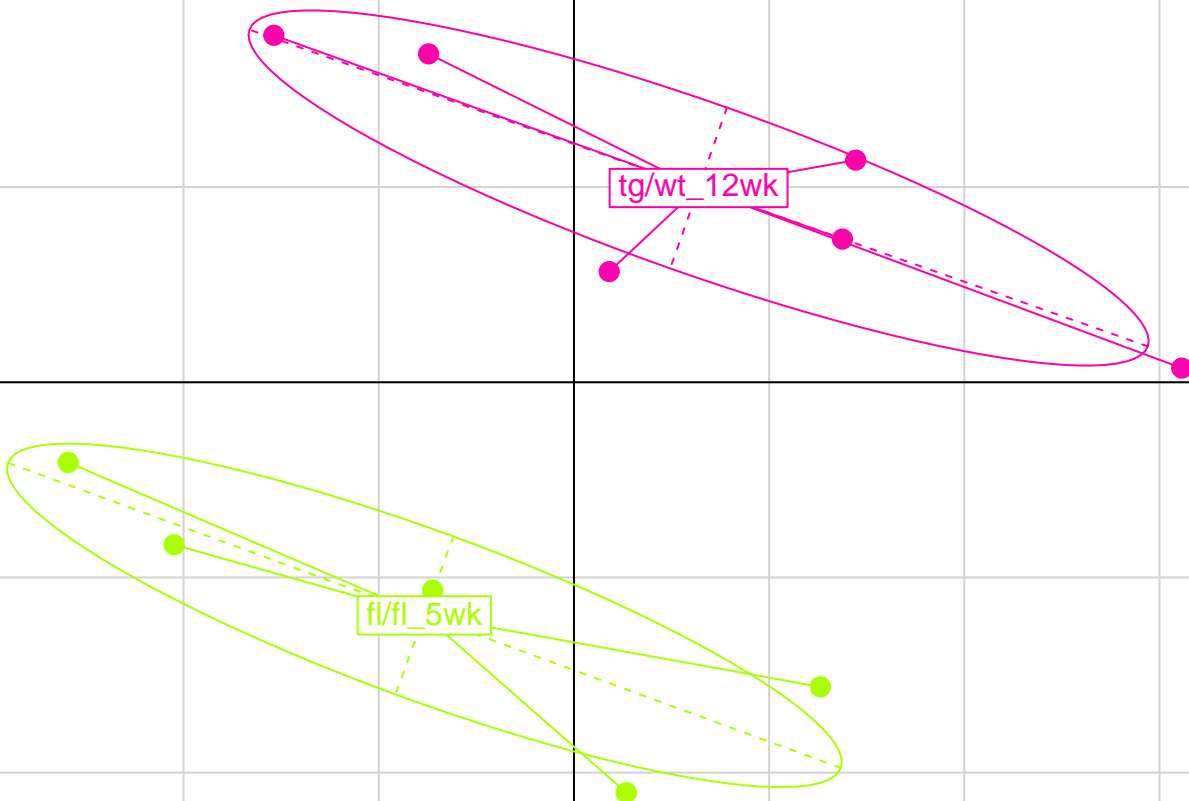
NMDS plot of Microbial Profiles

fl/fl\_5wk – tg/tg\_12wk

PERMDISP p=0.528, p.adj=0.7603

PERMANOVA p=0.002, p.adj=0.0038

d = 0.1



NMDS plot of Microbial Profiles

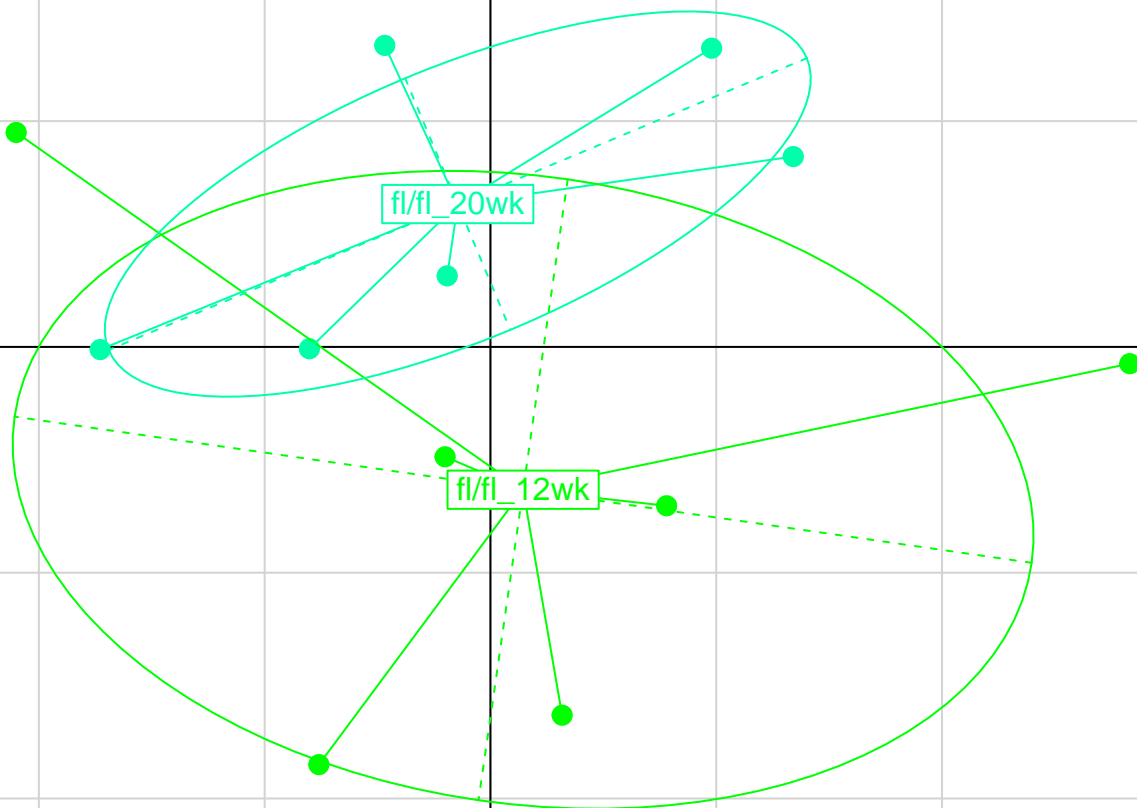
fl/fl\_5wk – tg/wt\_12wk

PERMDISP p=0.794, p.adj=0.8407

PERMANOVA p=0.014, p.adj=0.0153



d = 0.1



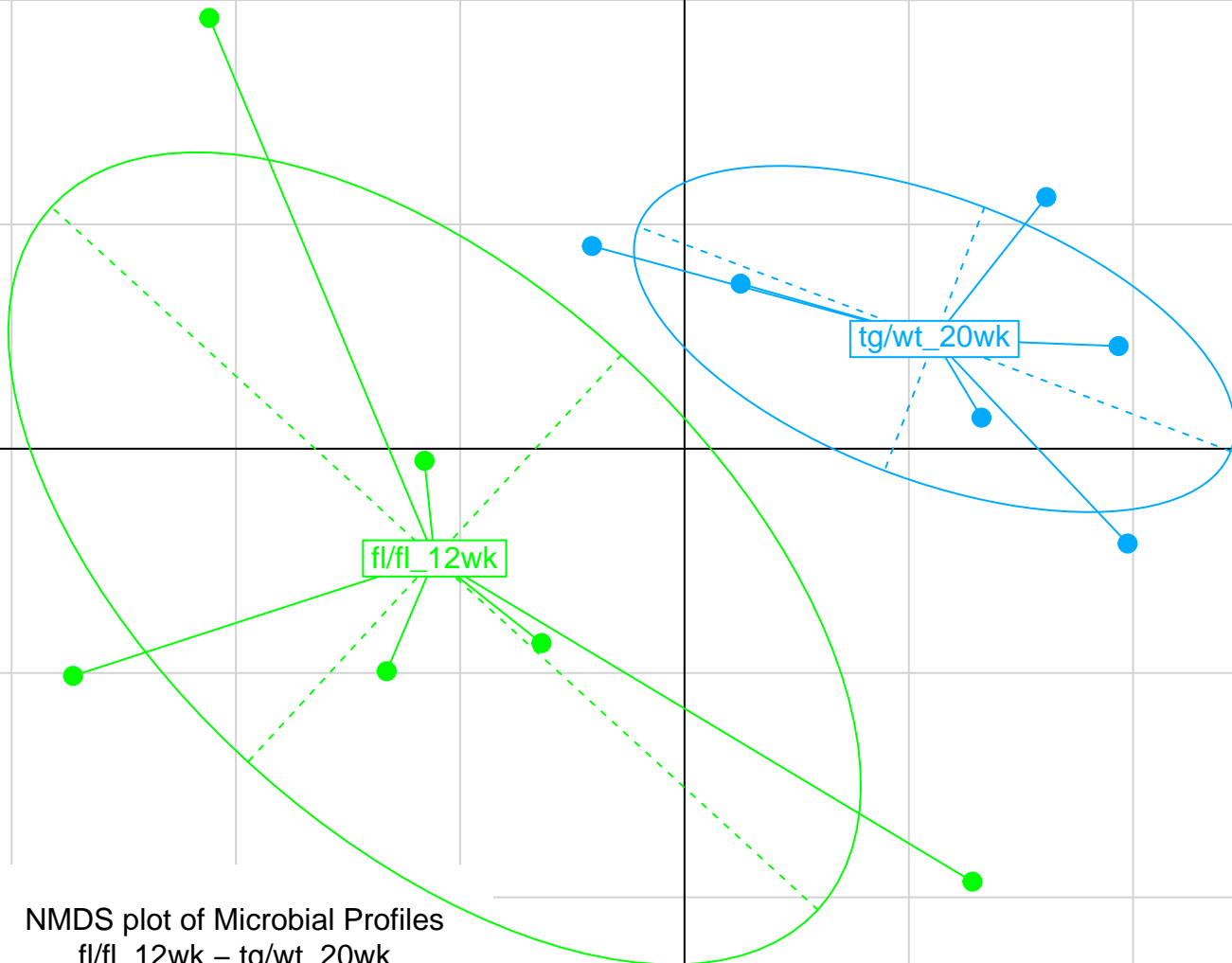
NMDS plot of Microbial Profiles

fl/fl\_12wk – fl/fl\_20wk

PERMDISP  $p=0.772$ ,  $p.adj=0.8407$

PERMANOVA  $p=0.038$ ,  $p.adj=0.0391$

d = 0.1



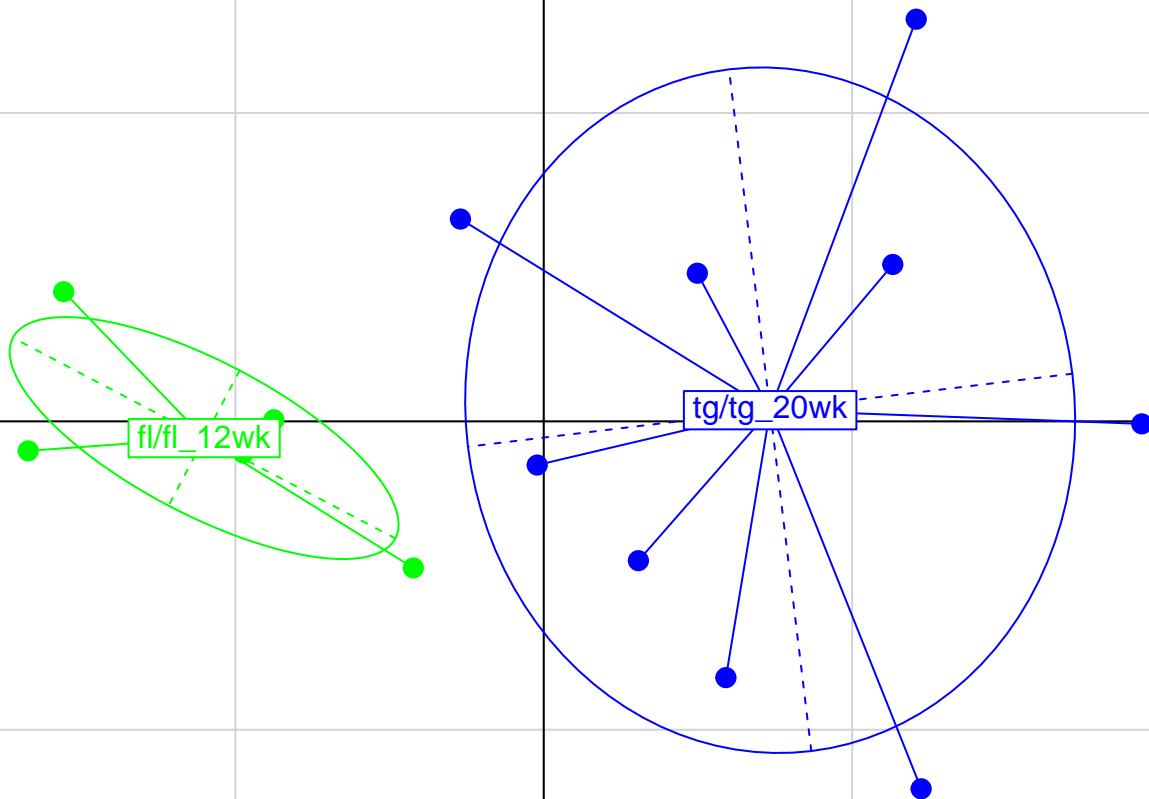
NMDS plot of Microbial Profiles

fl/fl\_12wk – tg/wt\_20wk

PERMDISP p=0.523, p.adj=0.7603

PERMANOVA p=0.007, p.adj=0.0084

d = 0.2



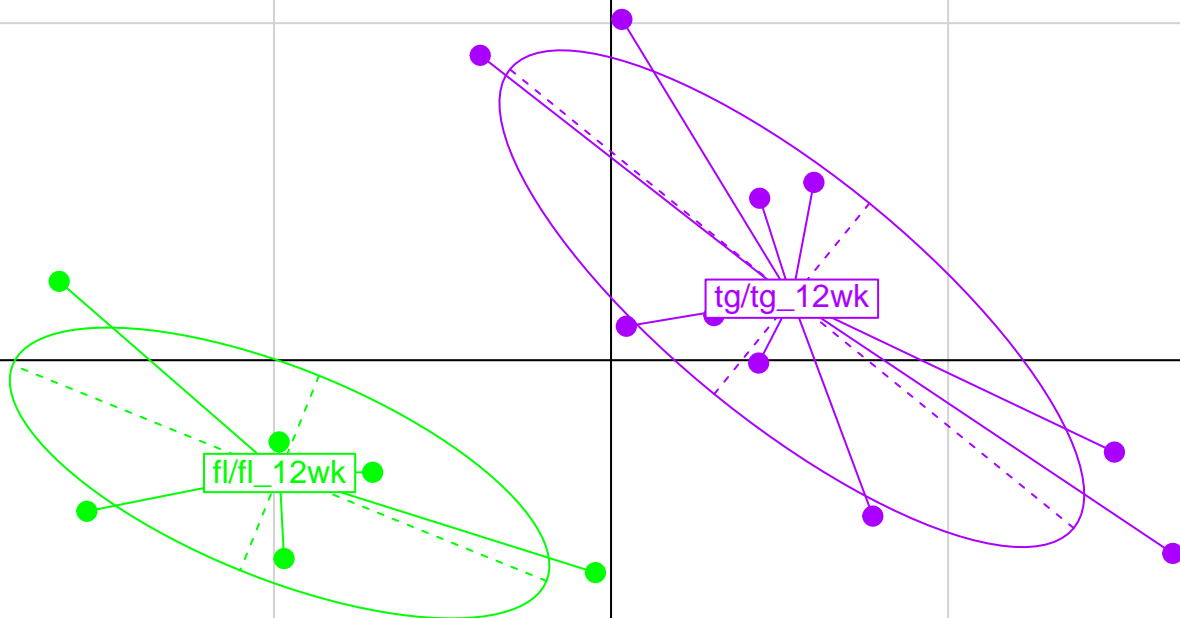
NMDS plot of Microbial Profiles

fl/fl\_12wk – tg/tg\_20wk

PERMDISP p=0.009, p.adj=0.0514

PERMANOVA p=0.001, p.adj=0.0028

d = 0.2



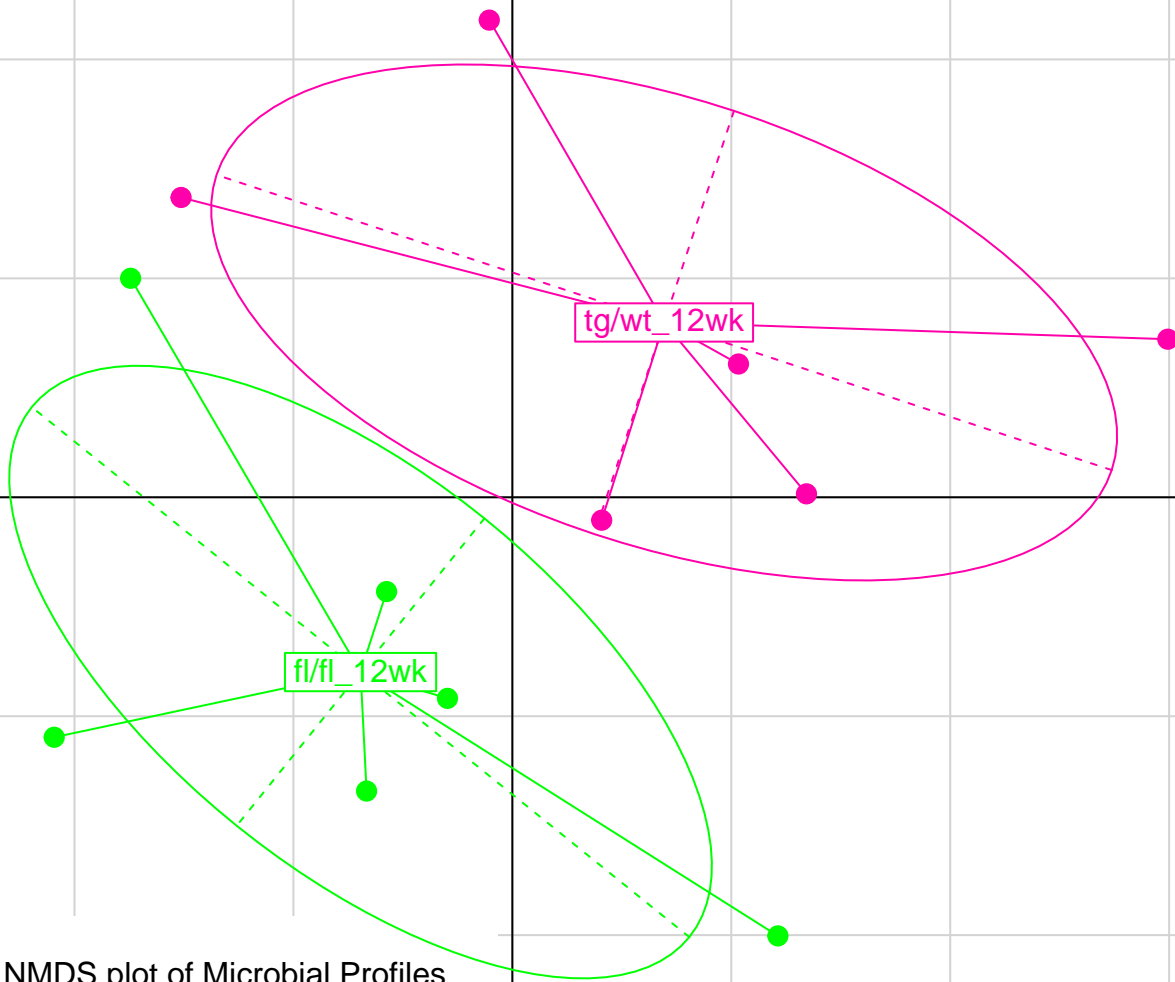
NMDS plot of Microbial Profiles

fl/fl\_12wk – tg/tg\_12wk

PERMDISP p=0.359, p.adj=0.6462

PERMANOVA p=0.001, p.adj=0.0028

d = 0.1



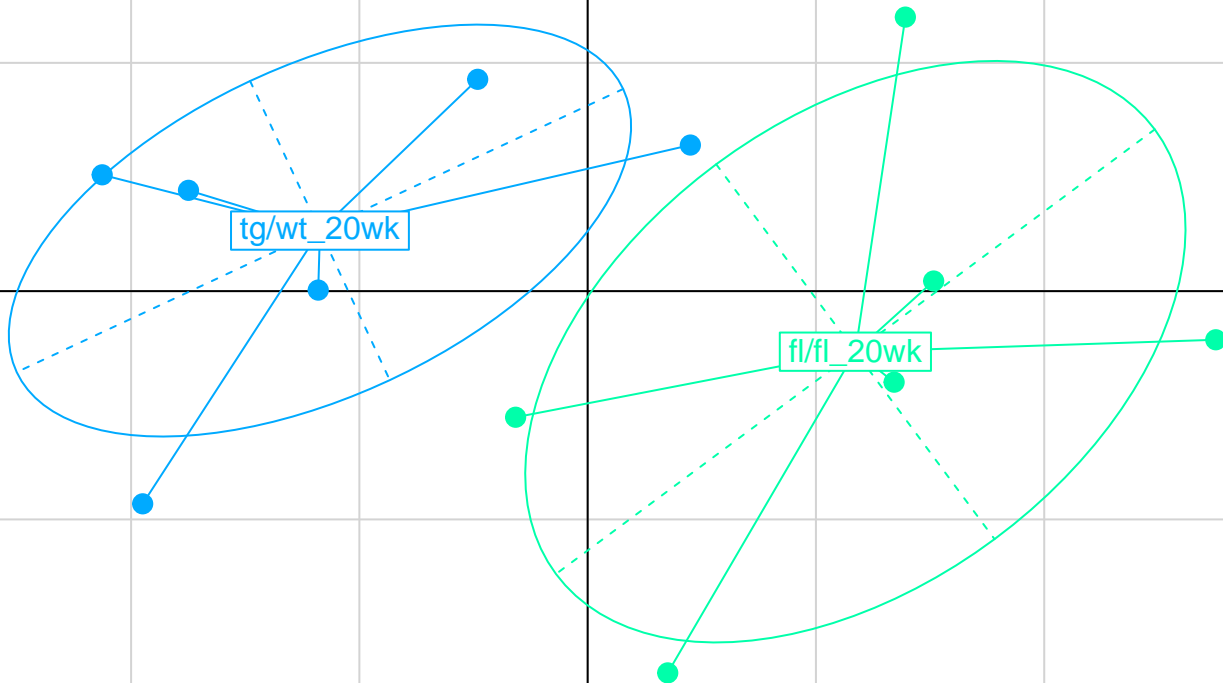
NMDS plot of Microbial Profiles

fl/fl\_12wk – tg/wt\_12wk

PERMDISP p=0.564, p.adj=0.7747

PERMANOVA p=0.013, p.adj=0.0146

d = 0.1



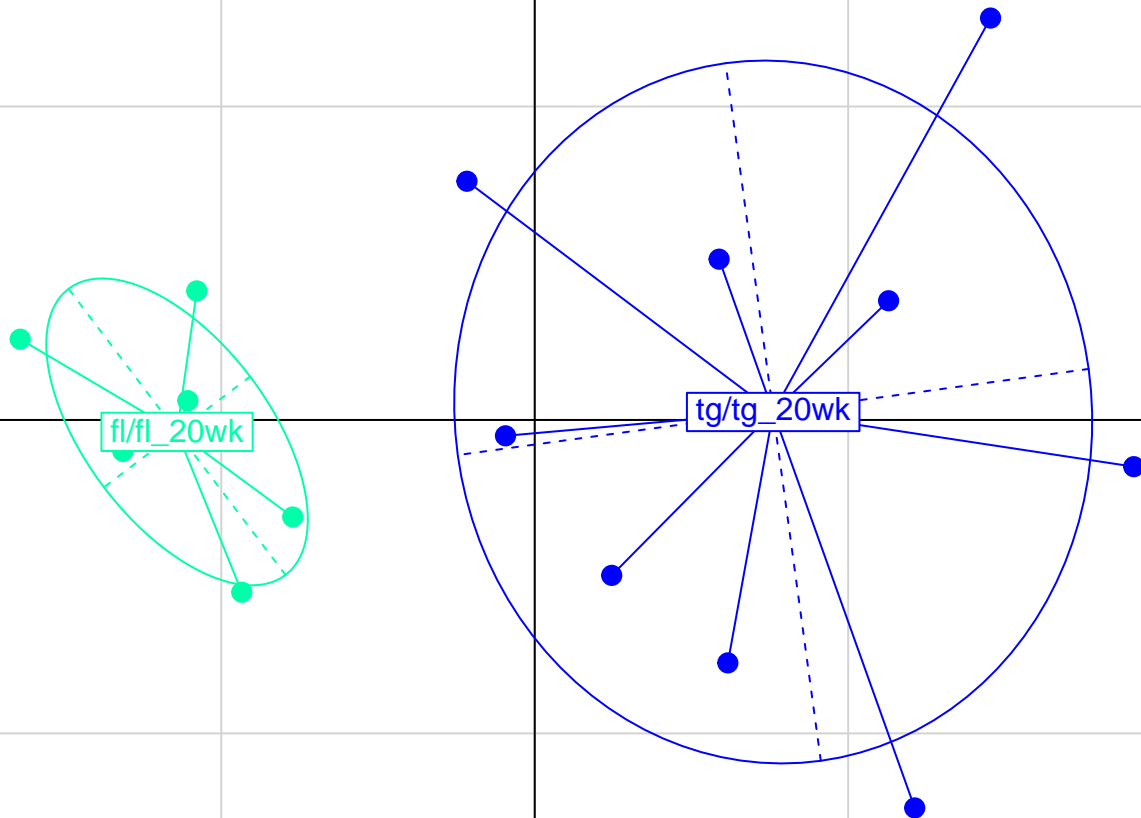
NMDS plot of Microbial Profiles

fl/fl\_20wk – tg/wt\_20wk

PERMDISP p=0.581, p.adj=0.7747

PERMANOVA p=0.007, p.adj=0.0084

d = 0.2



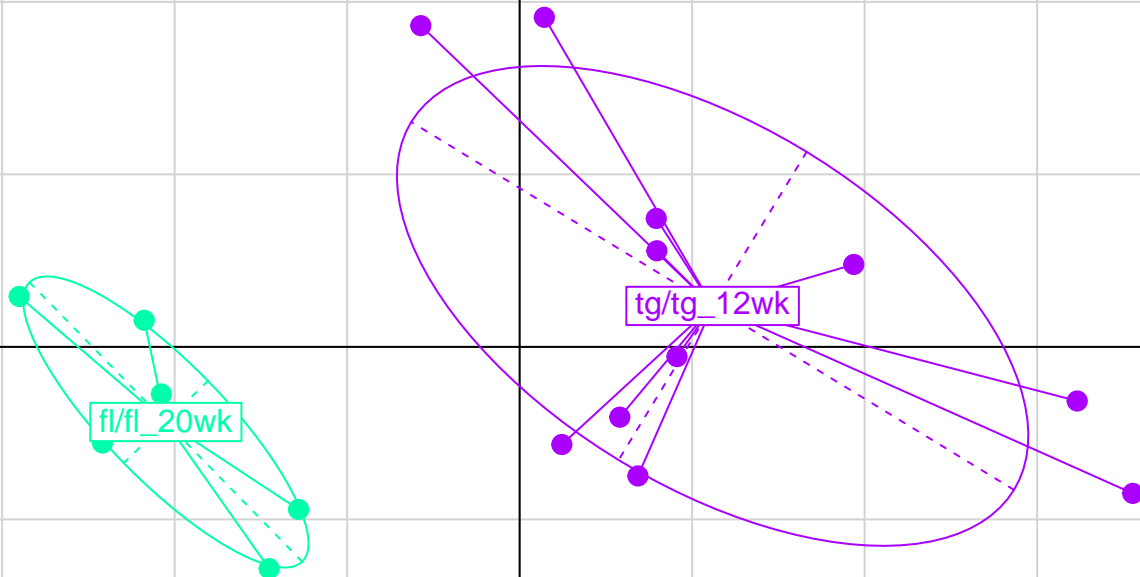
NMDS plot of Microbial Profiles

fl/fl\_20wk – tg/tg\_20wk

PERMDISP p=0.003, p.adj=0.048

PERMANOVA p=0.001, p.adj=0.0028

d = 0.1



NMDS plot of Microbial Profiles

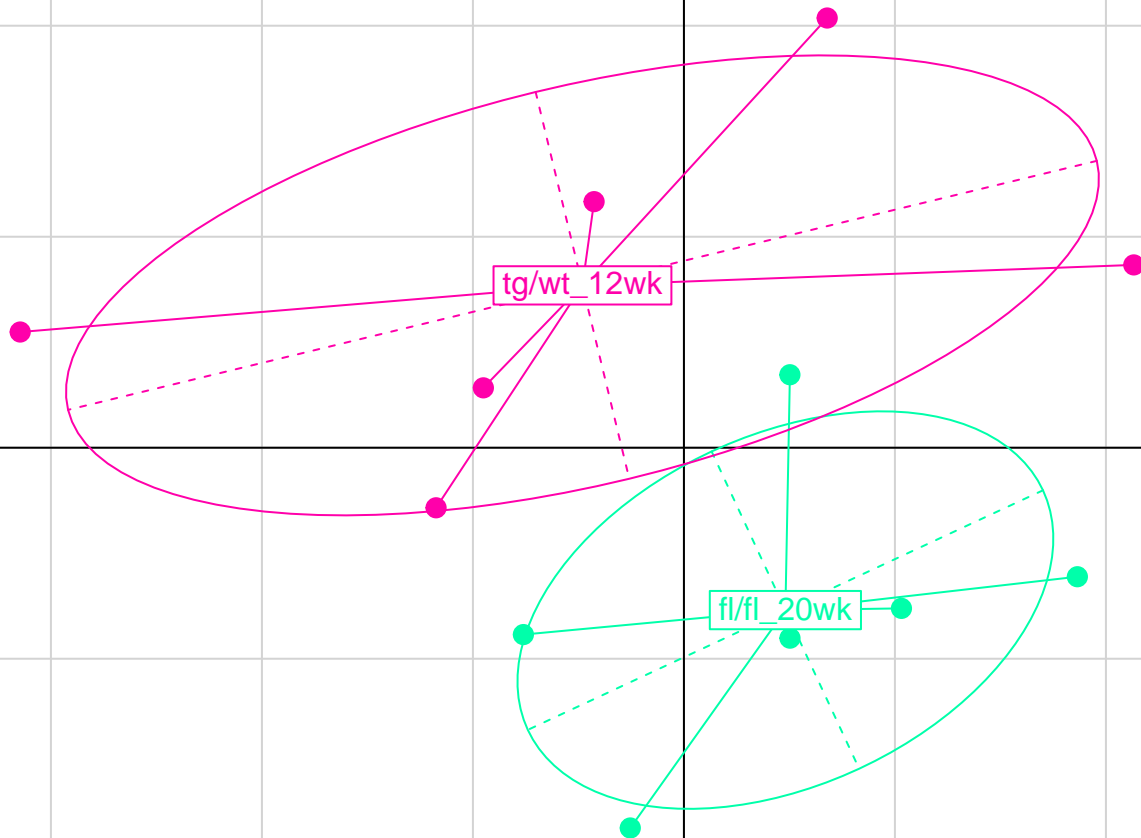
fl/fl\_20wk – tg/tg\_12wk

PERMDISP p=0.137, p.adj=0.3934

PERMANOVA p=0.001, p.adj=0.0028



d = 0.1



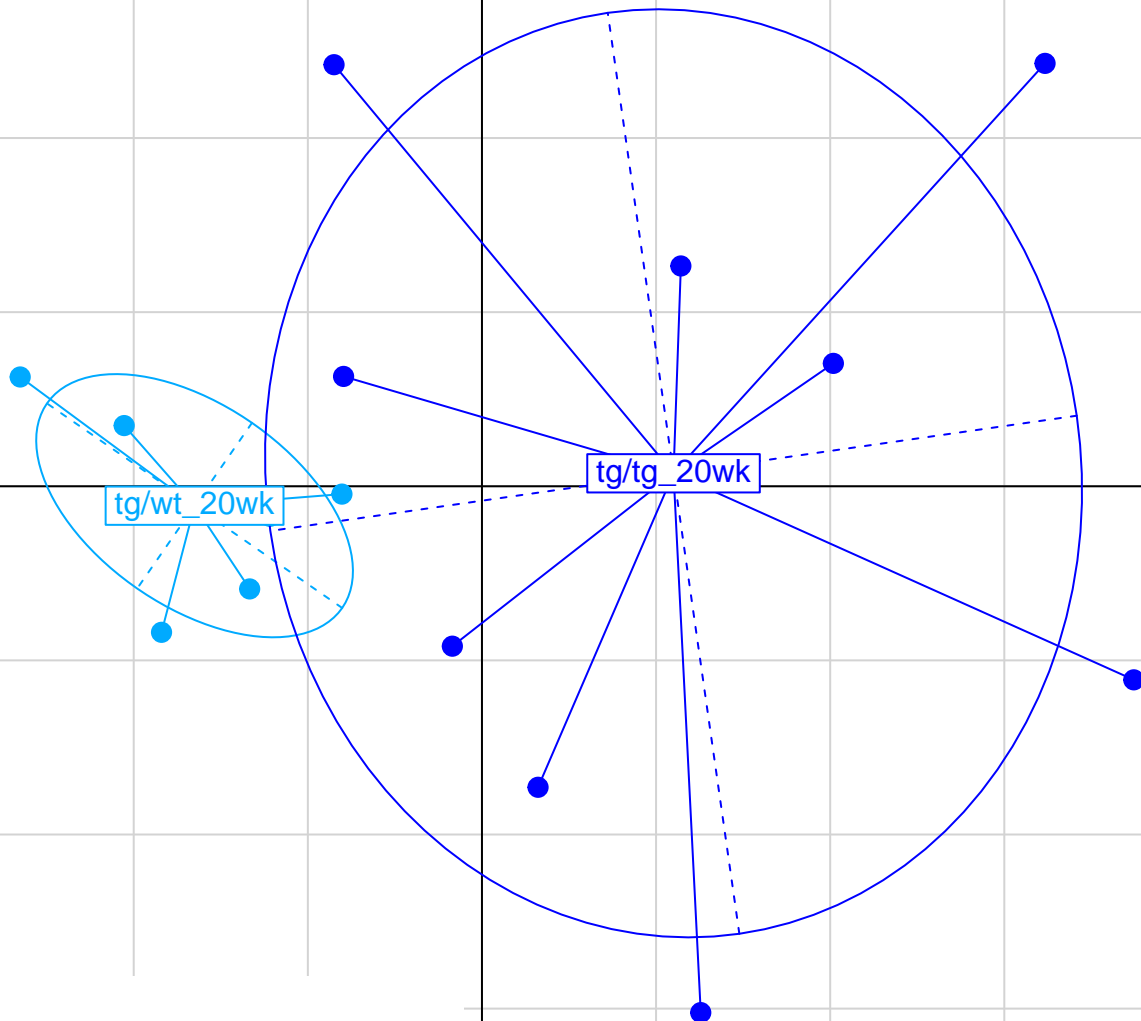
NMDS plot of Microbial Profiles

fl/fl\_20wk – tg/wt\_12wk

PERMDISP p=0.227, p.adj=0.5108

PERMANOVA p=0.021, p.adj=0.0222

d = 0.1



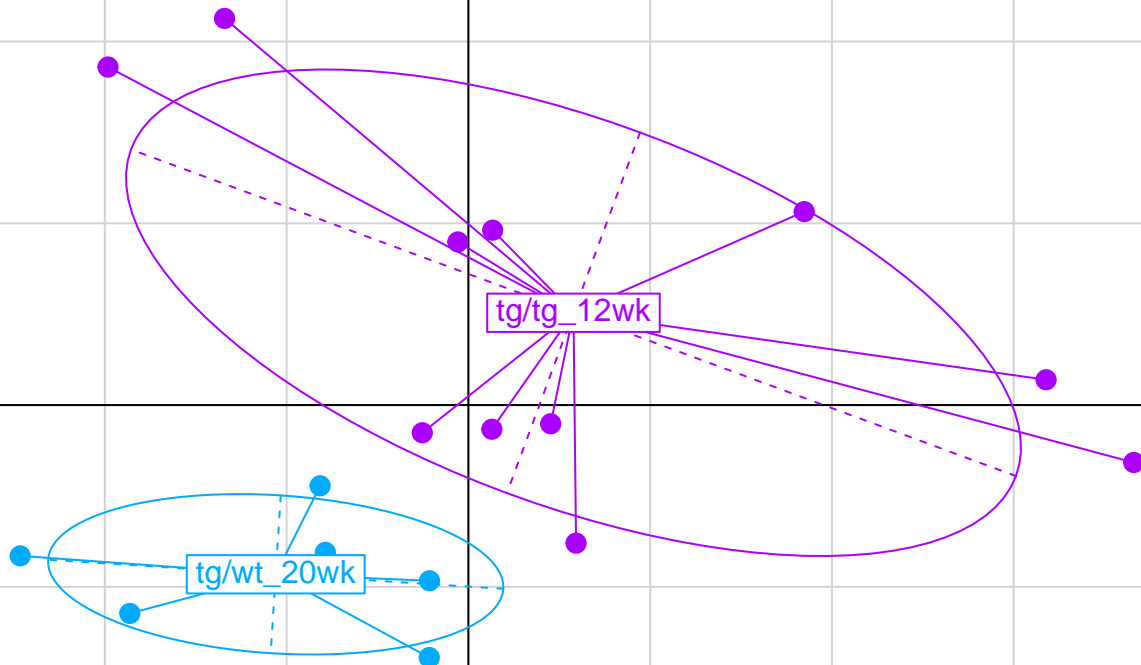
NMDS plot of Microbial Profiles

tg/wt\_20wk – tg/tg\_20wk

PERMDISP p=0.002, p.adj=0.048

PERMANOVA p=0.001, p.adj=0.0028

d = 0.1



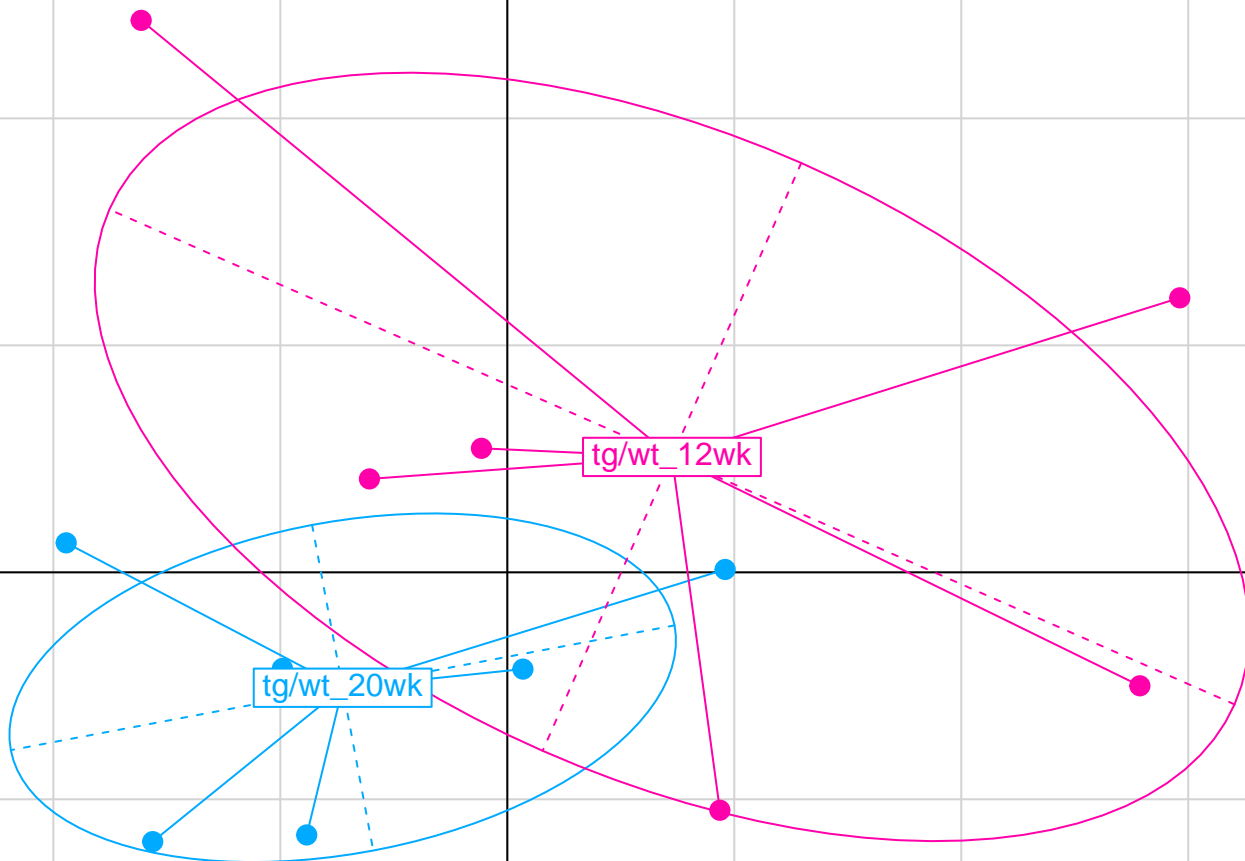
NMDS plot of Microbial Profiles

tg/wt\_20wk – tg/tg\_12wk

PERMDISP p=0.093, p.adj=0.3044

PERMANOVA p=0.001, p.adj=0.0028

d = 0.1



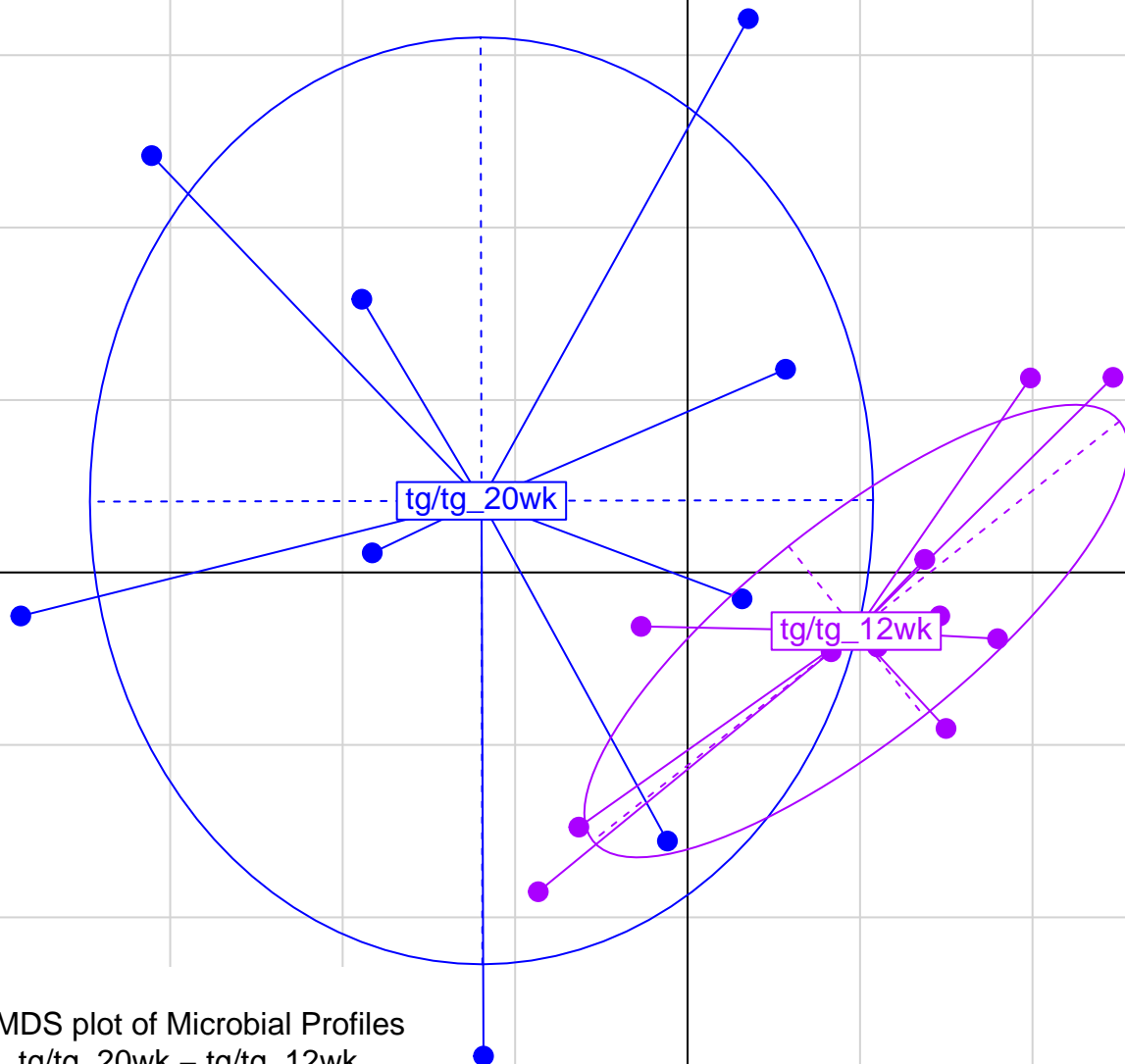
NMDS plot of Microbial Profiles

tg/wt\_20wk – tg/wt\_12wk

PERMDISP p=0.153, p.adj=0.3934

PERMANOVA p=0.061, p.adj=0.061

d = 0.1



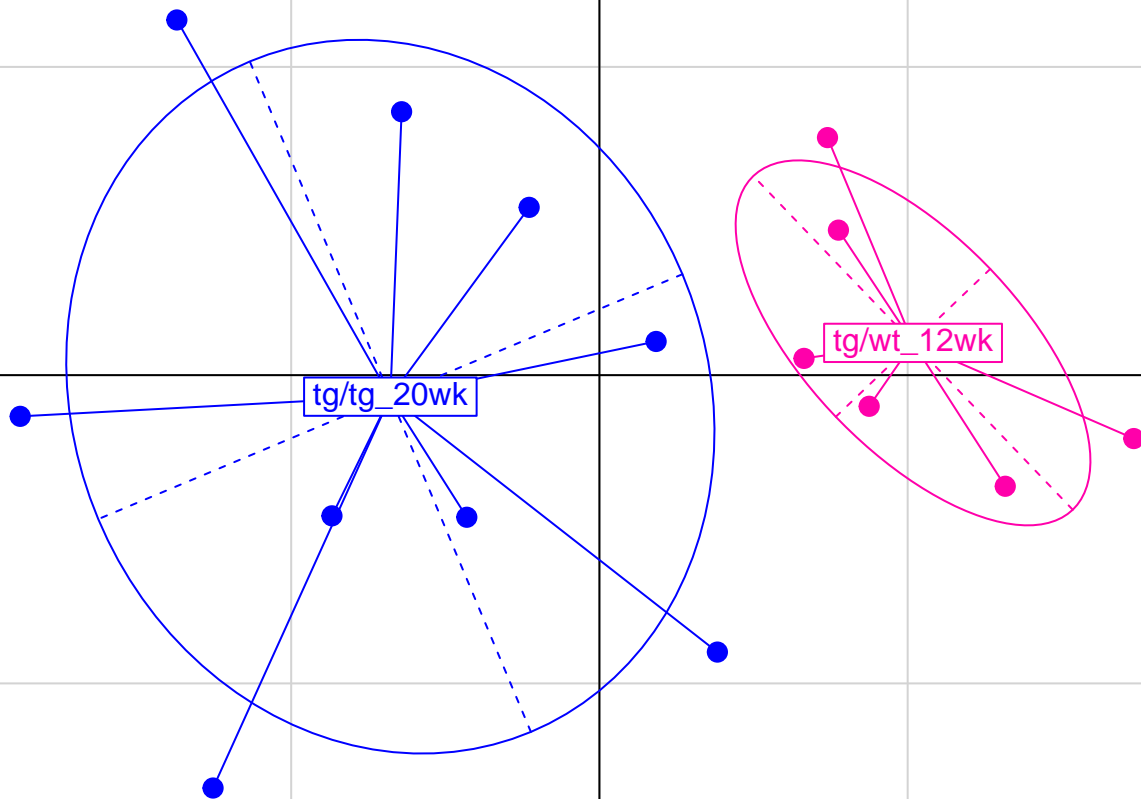
NMDS plot of Microbial Profiles

tg/tg\_20wk – tg/tg\_12wk

PERMDISP p=0.01, p.adj=0.0514

PERMANOVA p=0.001, p.adj=0.0028

d = 0.2



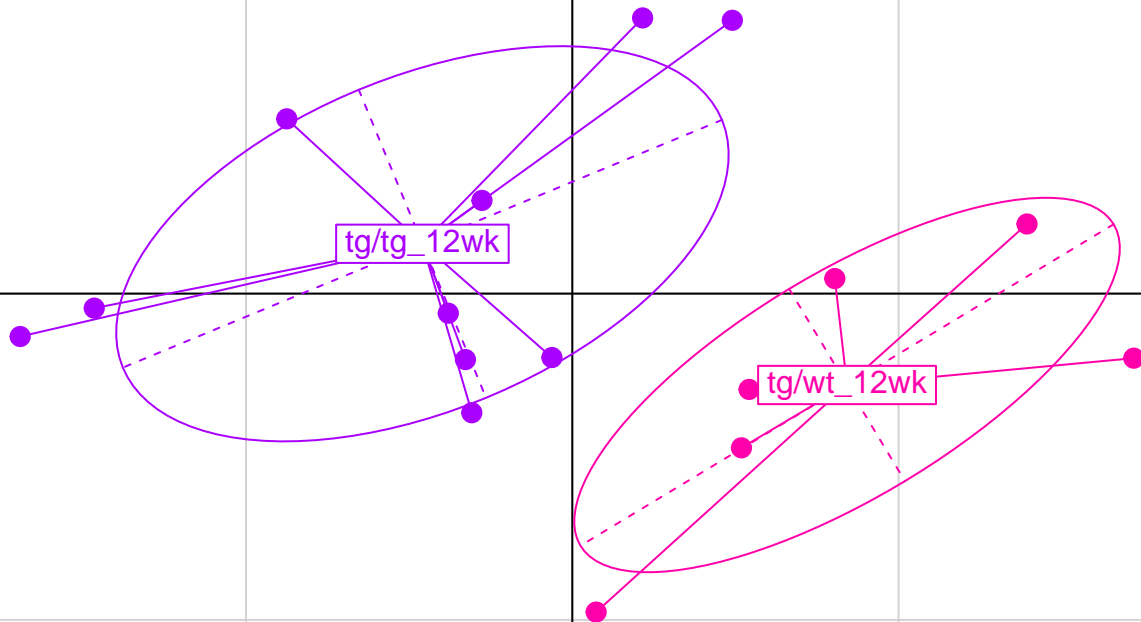
NMDS plot of Microbial Profiles

tg/tg\_20wk – tg/wt\_12wk

PERMDISP p=0.008, p.adj=0.0514

PERMANOVA p=0.002, p.adj=0.0038

d = 0.2



NMDS plot of Microbial Profiles

tg/tg\_12wk – tg/wt\_12wk

PERMDISP  $p=0.732$ ,  $p.adj=0.8407$

PERMANOVA  $p=0.001$ ,  $p.adj=0.0028$