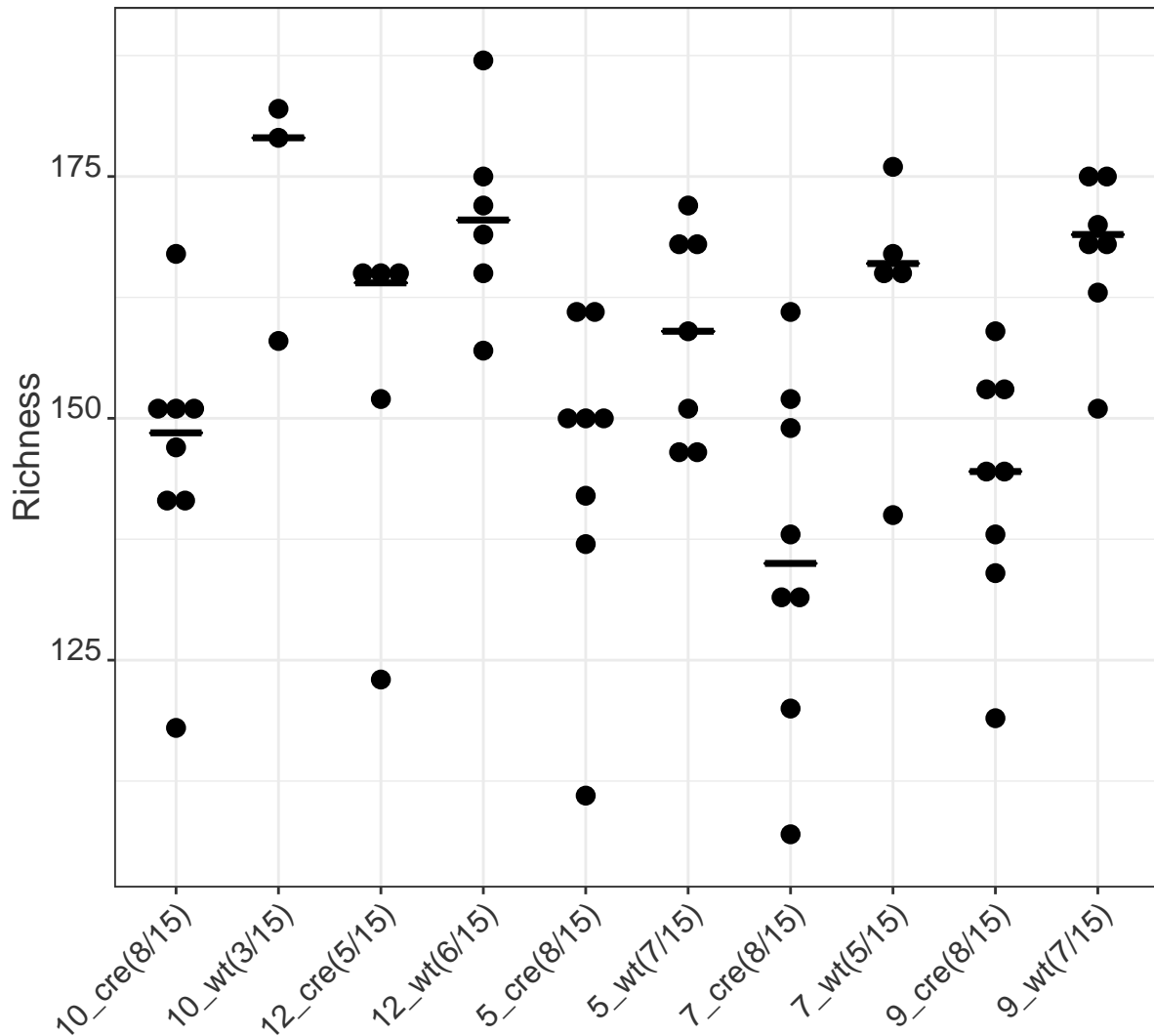


# Richness



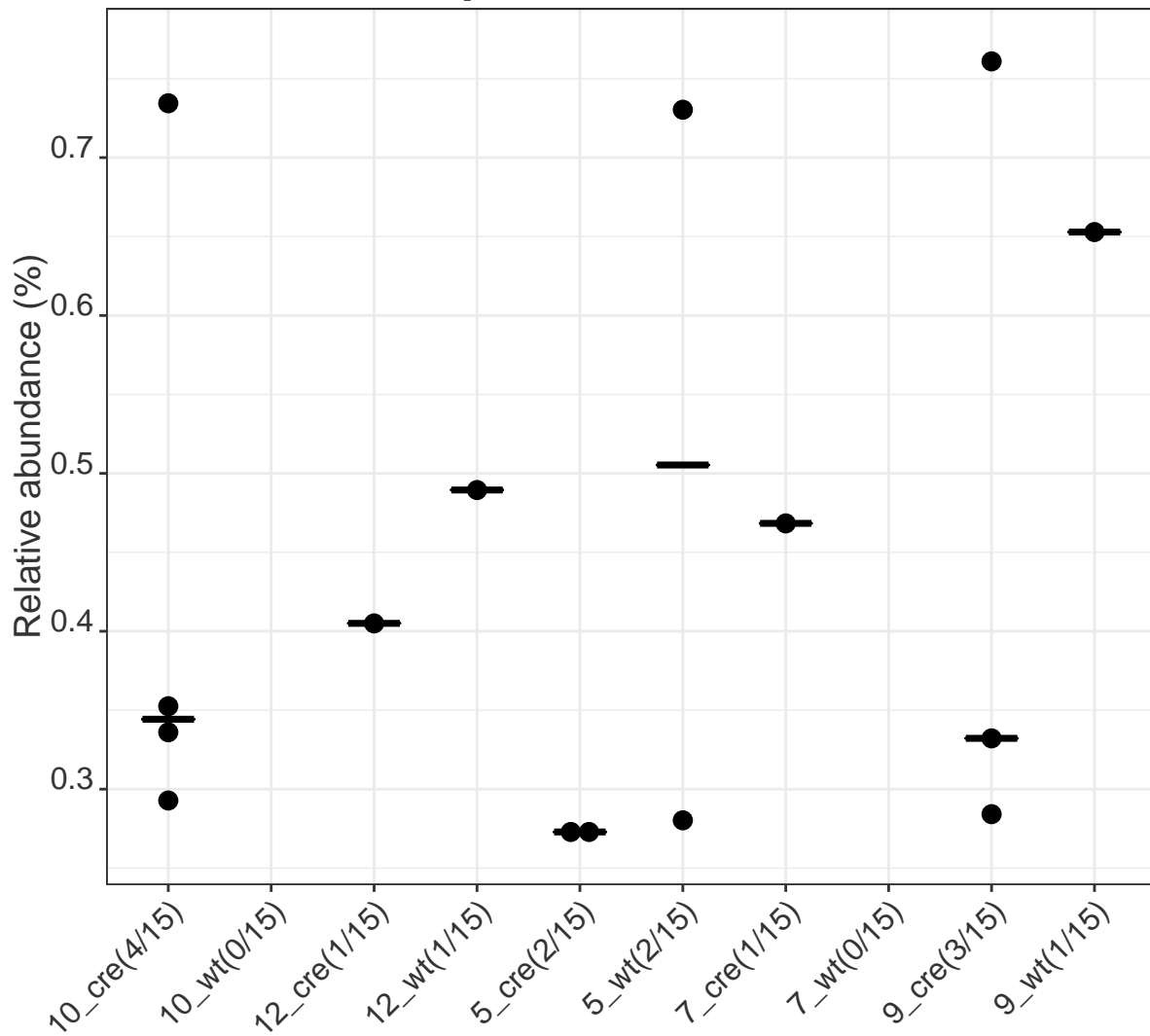
Friedman Test – all groups

	P-value	Adj. p-value
Richness	0.0485	0.3642

Paired Wilcoxon Signed Rank Sum Test

Groups	P-value	Adj. p-value
1–4	0.0355	0.1997
1–10	0.0223	0.1997
4–5	0.0313	0.1997
4–7	0.0355	0.1997
4–9	0.0313	0.1997
5–10	0.0156	0.1997
7–10	0.0223	0.1997
9–10	0.0223	0.1997

# p\_Tenericutes



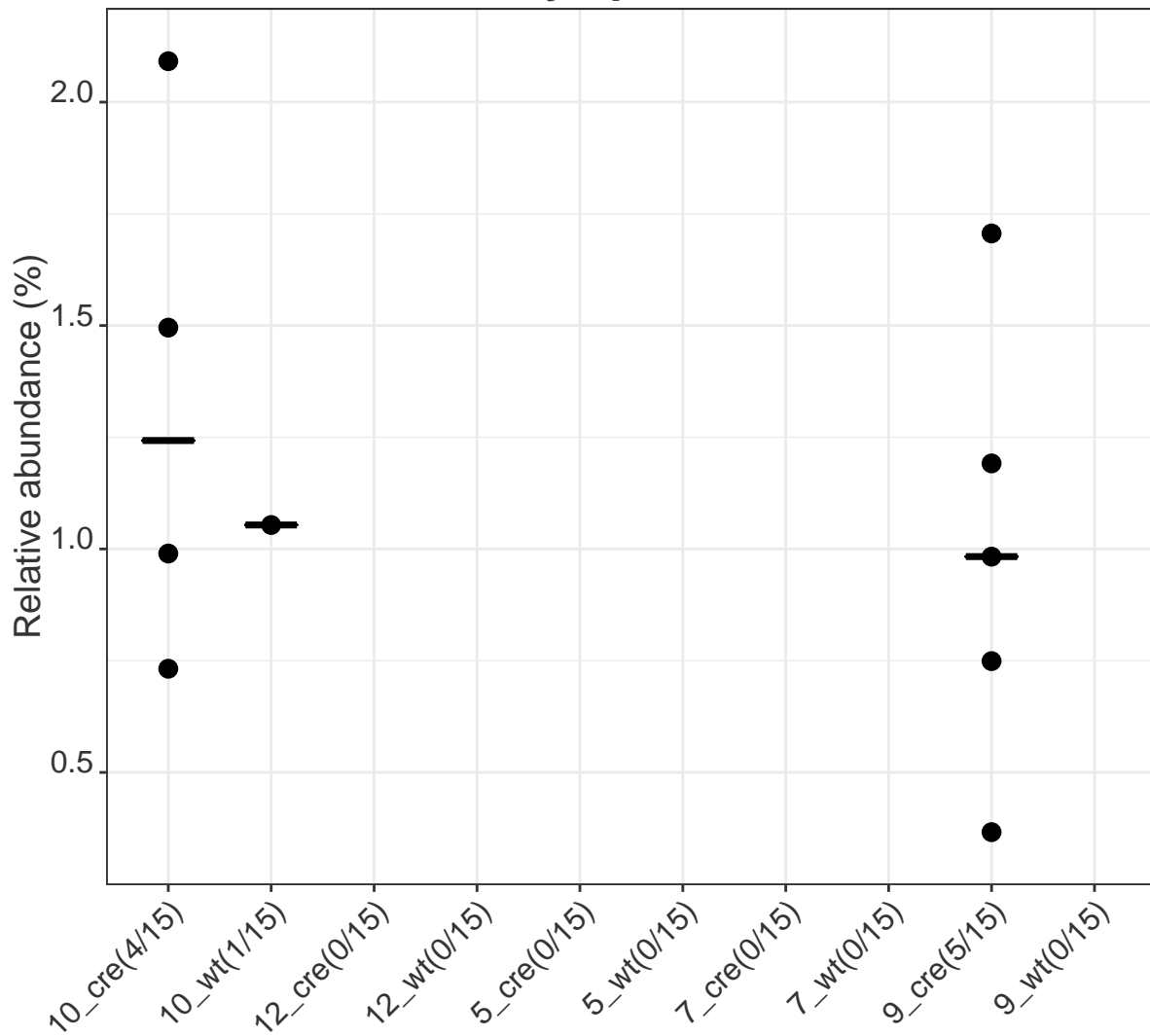
Friedman Test – all groups

	P–value	Adj. p–value
p__Tenericutes	0.0206	0.1991

Paired Wilcoxon Signed Rank Sum Test

Groups	P–value	Adj. p–value
NA	NA	NA
All	0.0206	0.1991

## c\_\_Erysipelotrichia



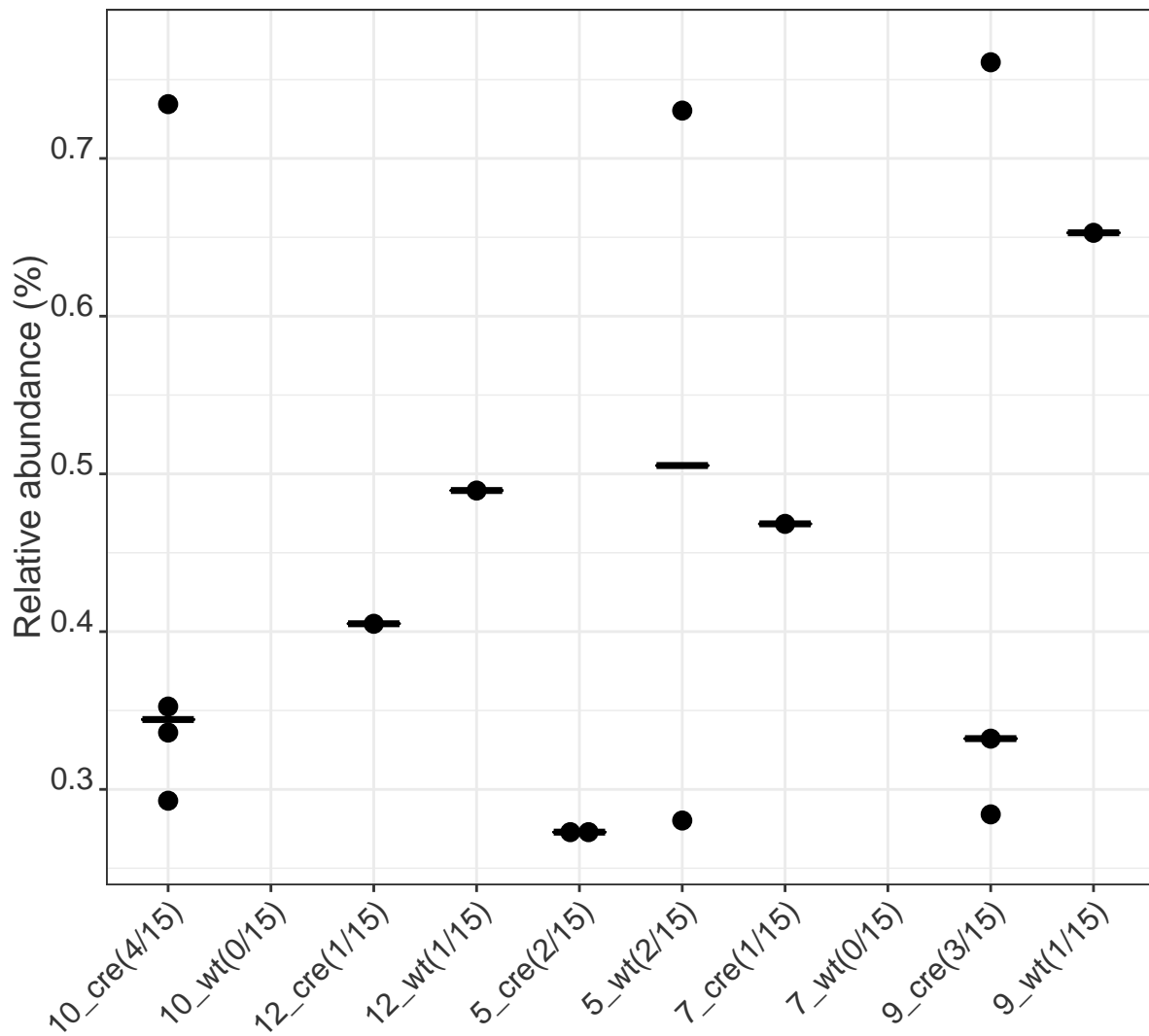
Fisher's Exact Test – all groups

	P-value	Adj.p-value
c__Erysipelotrichia	1e-04	0.0029

Fisher's Exact Test – pairwise

Groups	P-value	Adj. p-value
3-9	0.0421	0.2706
4-9	0.0421	0.2706
5-9	0.0421	0.2706
6-9	0.0421	0.2706
7-9	0.0421	0.2706
8-9	0.0421	0.2706
9-10	0.0421	0.2706

## c\_\_Mollicutes



Friedman Test – all groups

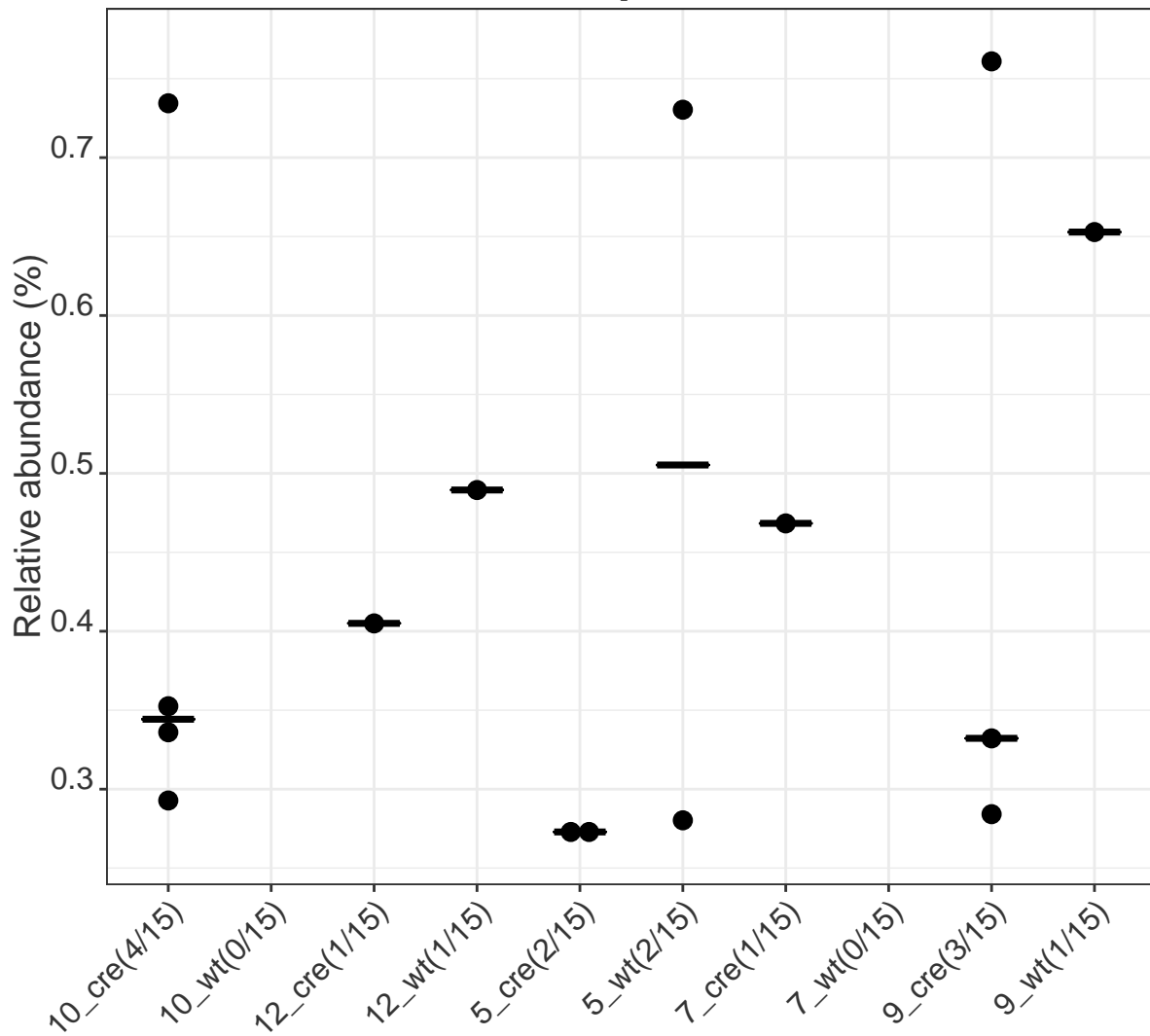
	P-value	Adj. p-value
c__Mollicutes	0.0206	0.1991

Paired Wilcoxon Signed Rank Sum Test

Groups	P-value	Adj. p-value
NA	NA	NA
All	0.0206	0.1991



## o\_\_Anaeroplasmatales



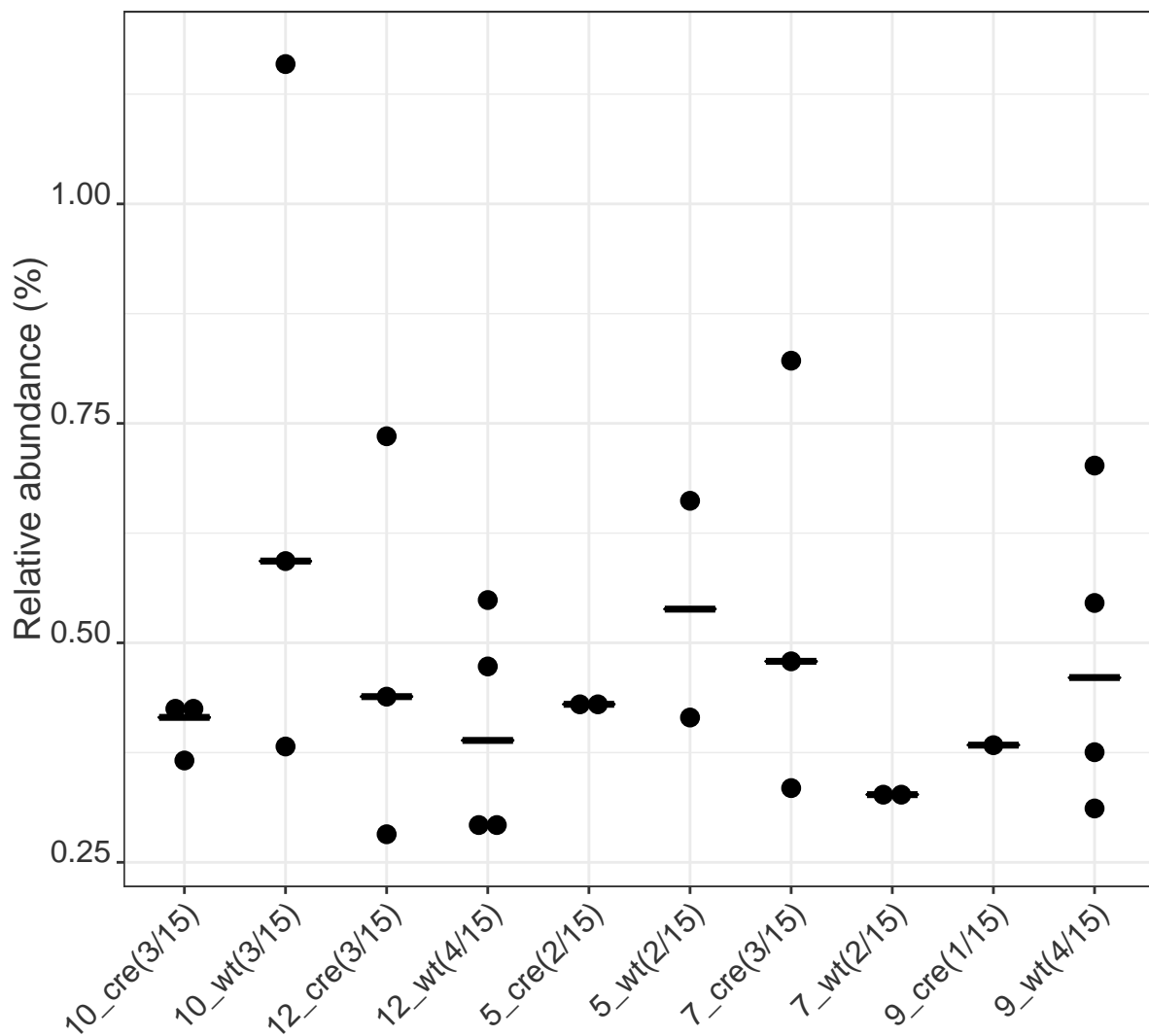
# Friedman Test – all groups

	P-value	Adj. p-value
o__Anaeroplasmatales	0.0206	0.1991

## Paired Wilcoxon Signed Rank Sum Test

Groups	P-value	Adj. p-value
NA	NA	NA
All	0.0206	0.1991

# o\_\_Desulfovibrionales



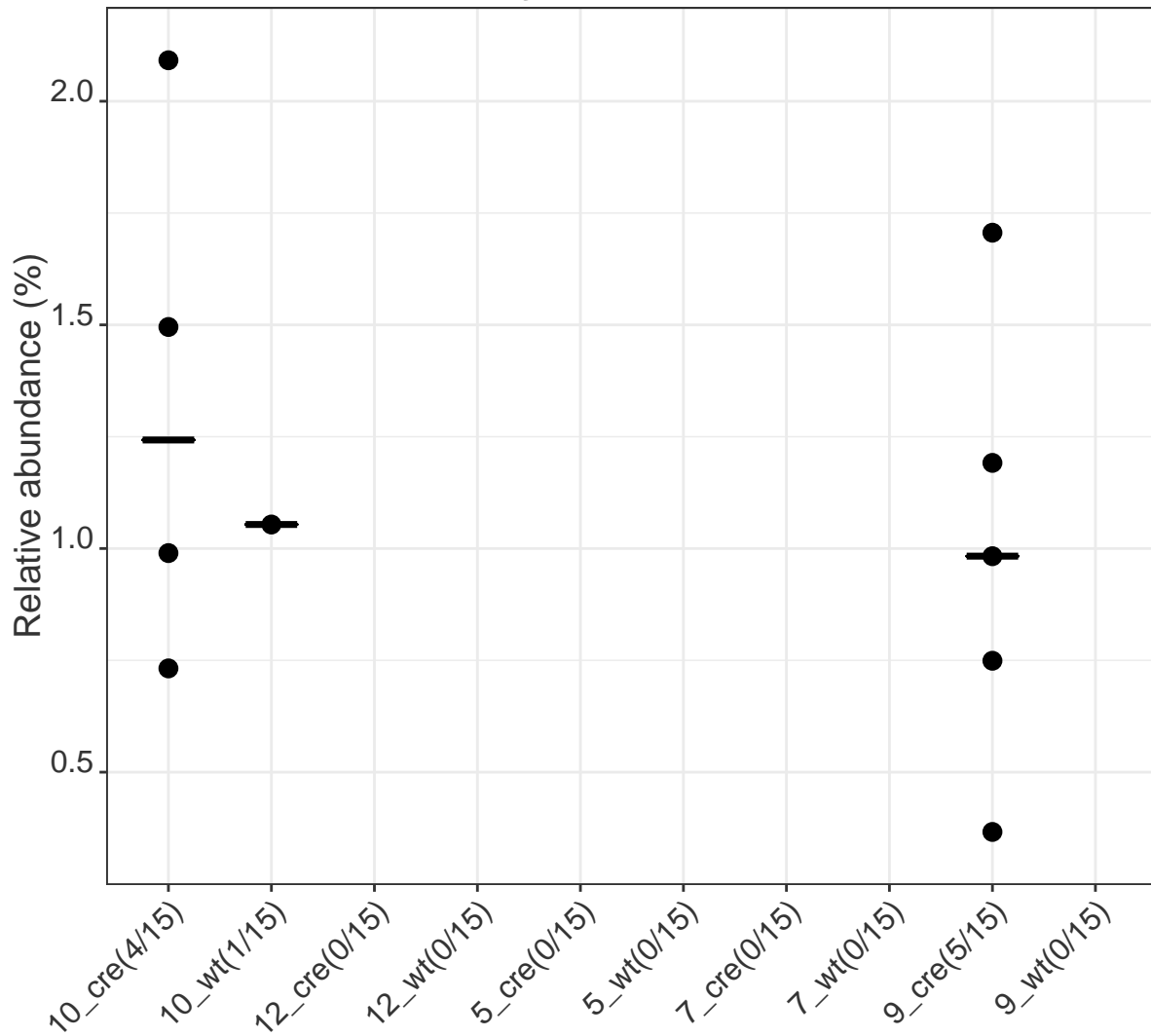
# Friedman Test – all groups

	P-value	Adj. p-value
o__Desulfovibrionales	0	0

# Paired Wilcoxon Signed Rank Sum Test

Groups	P-value	Adj. p-value
NA	NA	NA
All	0	0

## o\_\_Erysipelotrichales



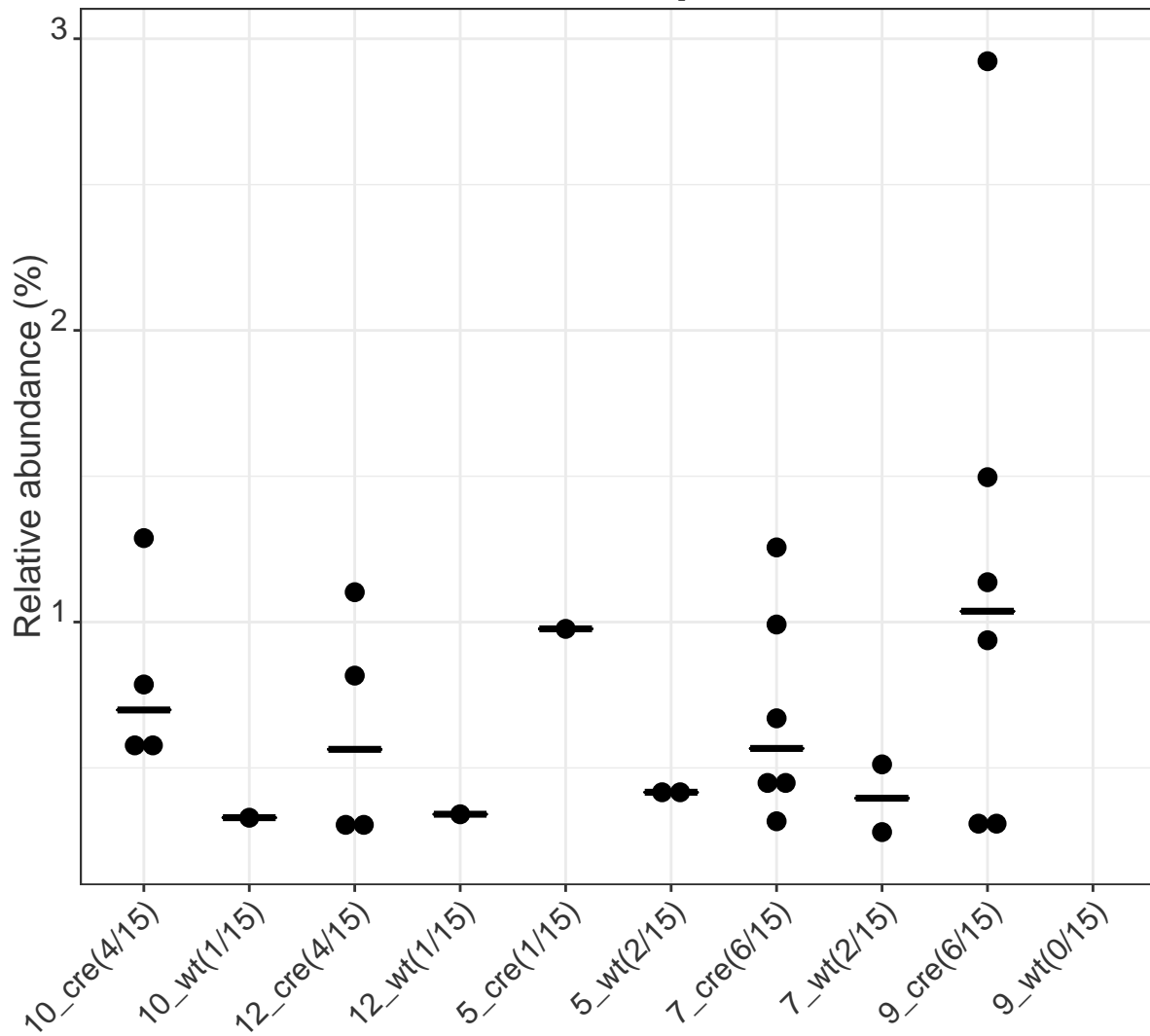
Fisher's Exact Test – all groups

	P-value	Adj.p-value
o__Erysipelotrichales	1e-04	0.0029

Fisher's Exact Test – pairwise

Groups	P-value	Adj. p-value
3-9	0.0421	0.2706
4-9	0.0421	0.2706
5-9	0.0421	0.2706
6-9	0.0421	0.2706
7-9	0.0421	0.2706
8-9	0.0421	0.2706
9-10	0.0421	0.2706

# o\_\_unknown\_Deltaproteobacteria



Fisher's Exact Test – all groups

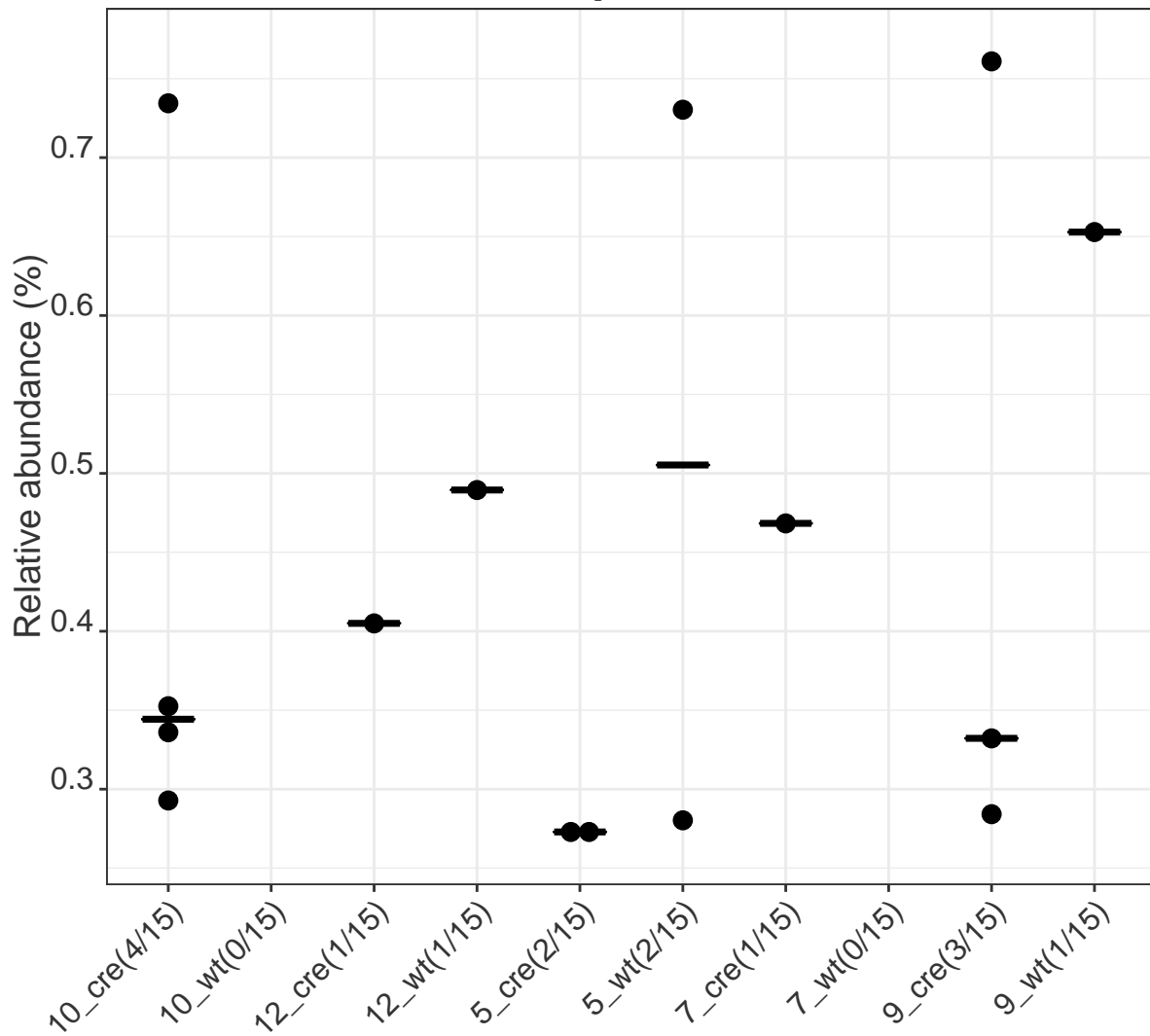
	P-value	Adj.p-value
o__unknown_ Deltaproteobacteria	0.0229	0.2846

Fisher's Exact Test – pairwise

Groups	P-value	Adj. p-value
7–10	0.0169	0.3802
9–10	0.0169	0.3802



# f\_\_Anaeroplasmataceae



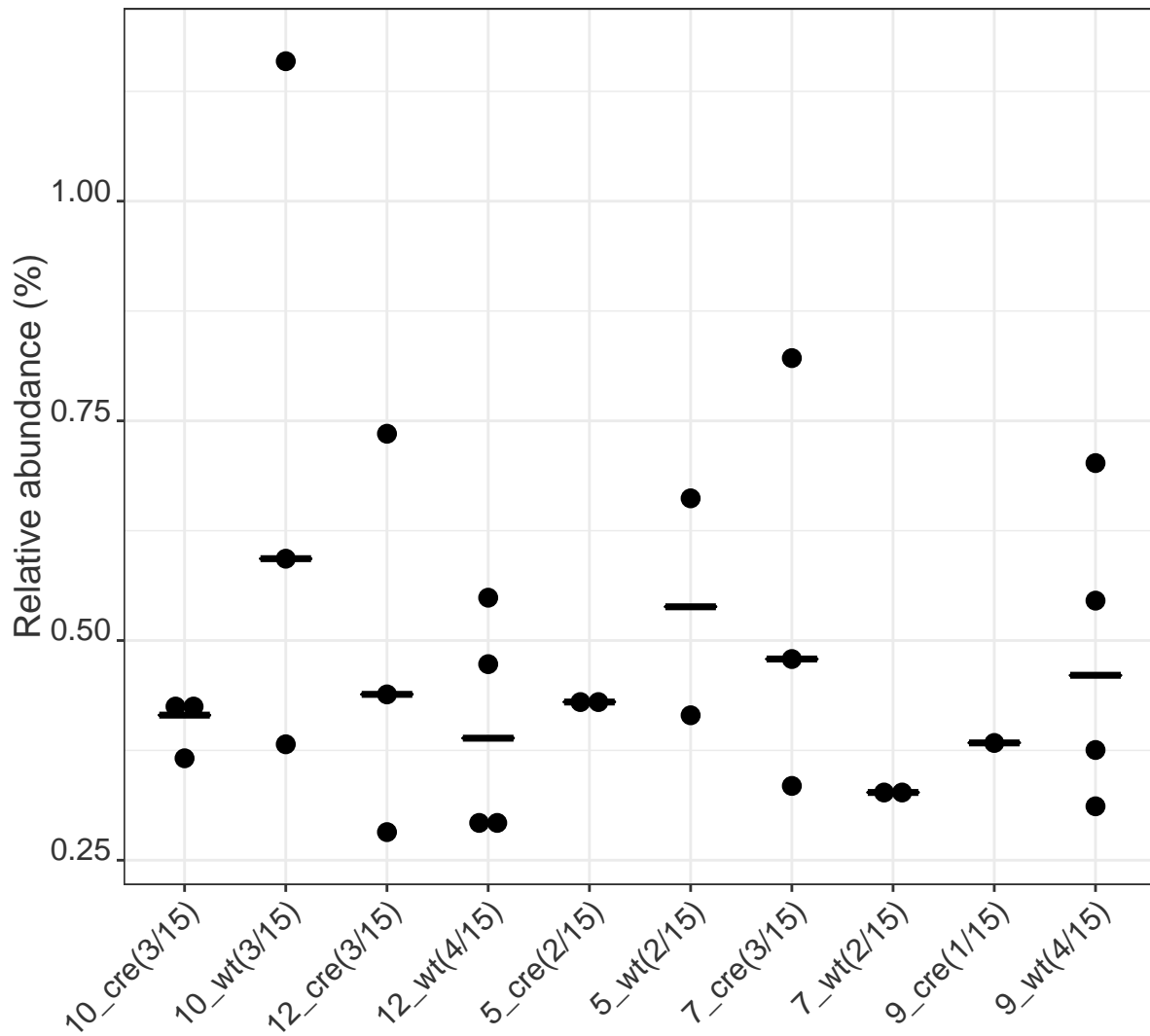
# Friedman Test – all groups

	P–value	Adj. p–value
f__Anaeroplasmataceae	0.0206	0.1991

## Paired Wilcoxon Signed Rank Sum Test

Groups	P–value	Adj. p–value
NA	NA	NA
All	0.0206	0.1991

# f\_\_Desulfovibrionaceae



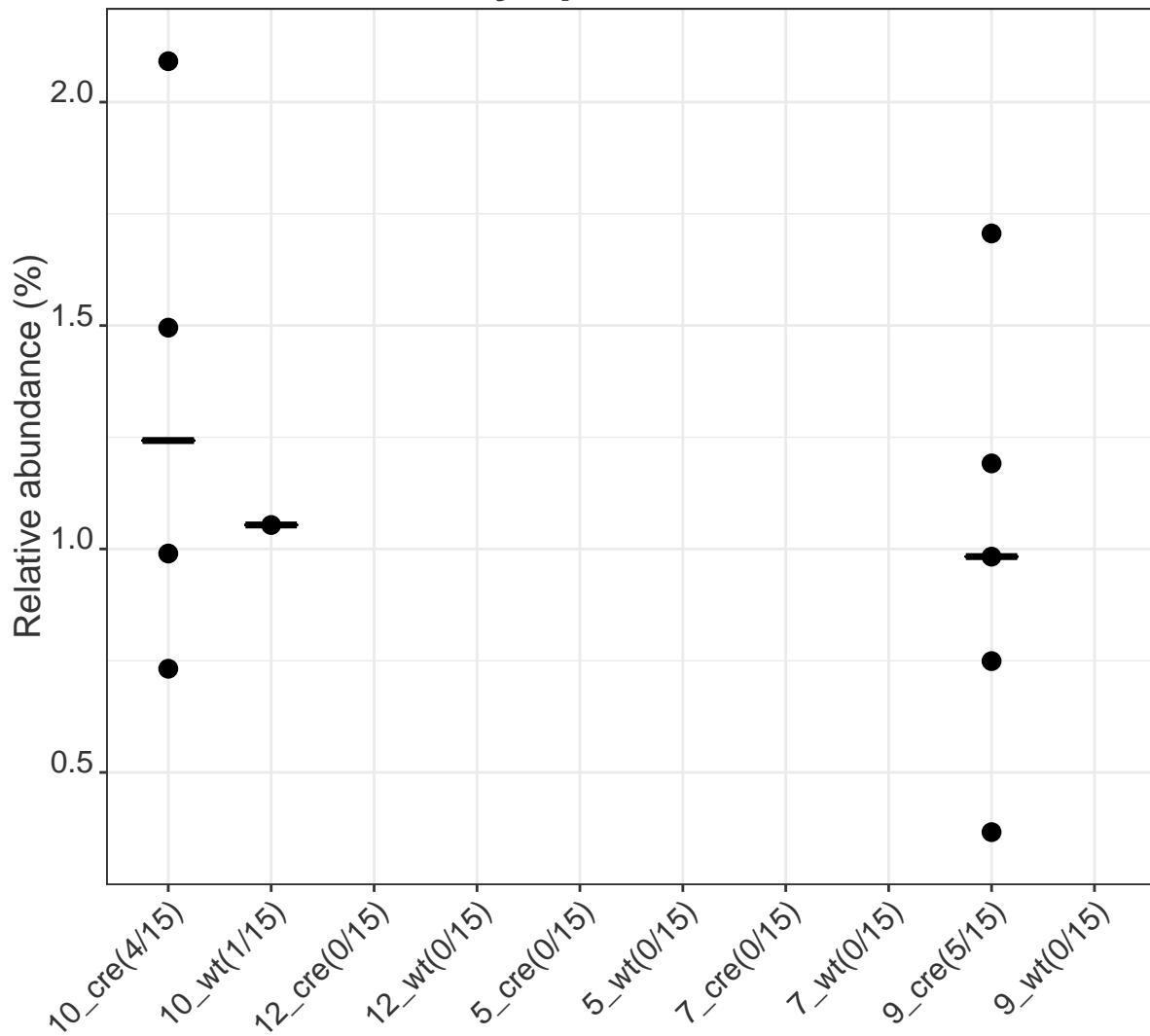
Friedman Test – all groups

	P-value	Adj. p-value
f__Desulfovibrionaceae	0	0

Paired Wilcoxon Signed Rank Sum Test

Groups	P-value	Adj. p-value
NA	NA	NA
All	0	0

# f\_\_Erysipelotrichaceae



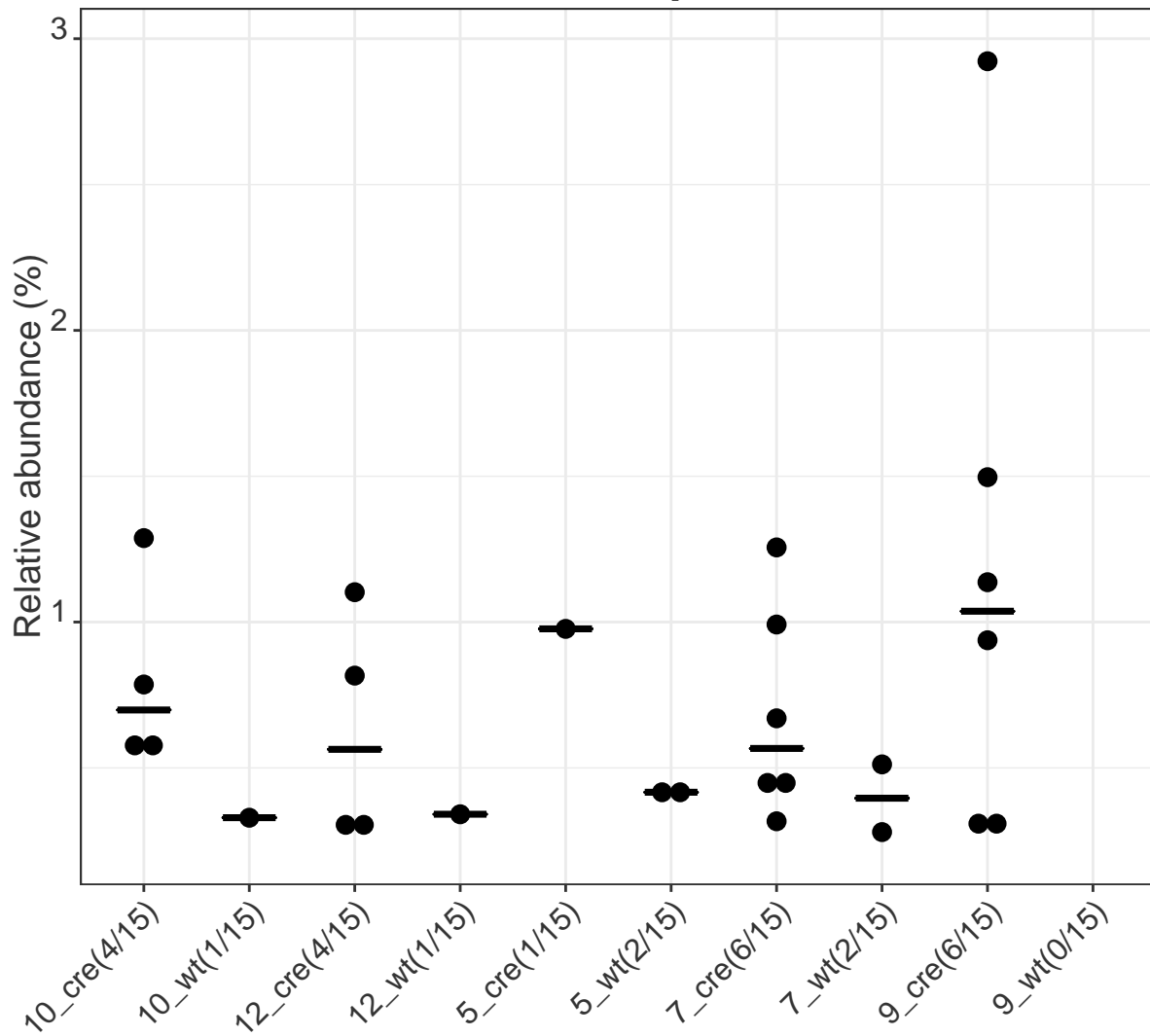
Fisher's Exact Test – all groups

	P-value	Adj.p-value
f__Erysipelotrichaceae	1e-04	0.0029

Fisher's Exact Test – pairwise

Groups	P-value	Adj. p-value
3-9	0.0421	0.2706
4-9	0.0421	0.2706
5-9	0.0421	0.2706
6-9	0.0421	0.2706
7-9	0.0421	0.2706
8-9	0.0421	0.2706
9-10	0.0421	0.2706

# f\_\_unknown\_ Deltaproteobacteria



Fisher's Exact Test – all groups

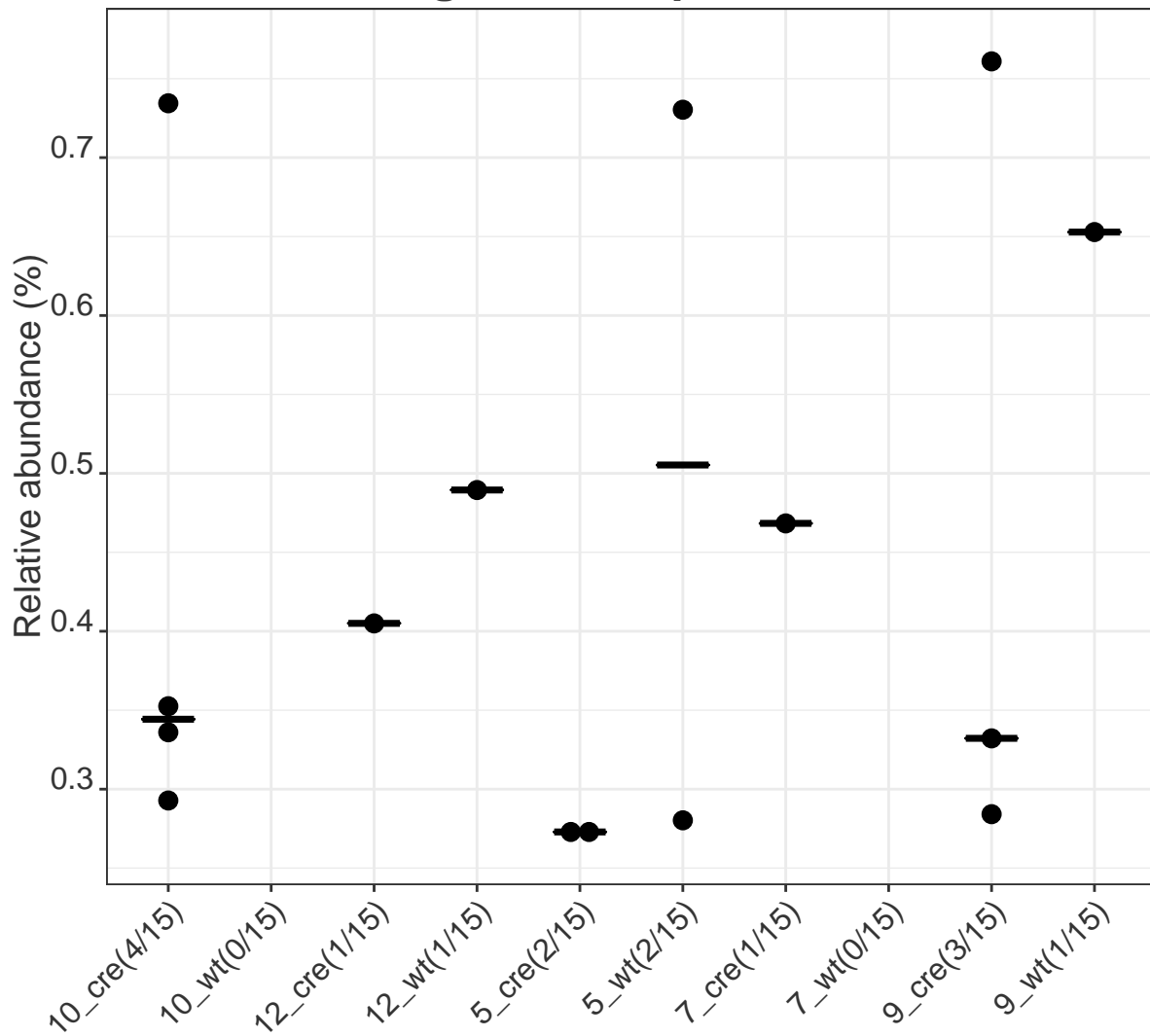
	P-value	Adj.p-value
f__unknown_ Deltaproteobacteria	0.0229	0.2846

Fisher's Exact Test – pairwise

Groups	P-value	Adj. p-value
7–10	0.0169	0.3802
9–10	0.0169	0.3802



## g\_\_Anaeroplasma



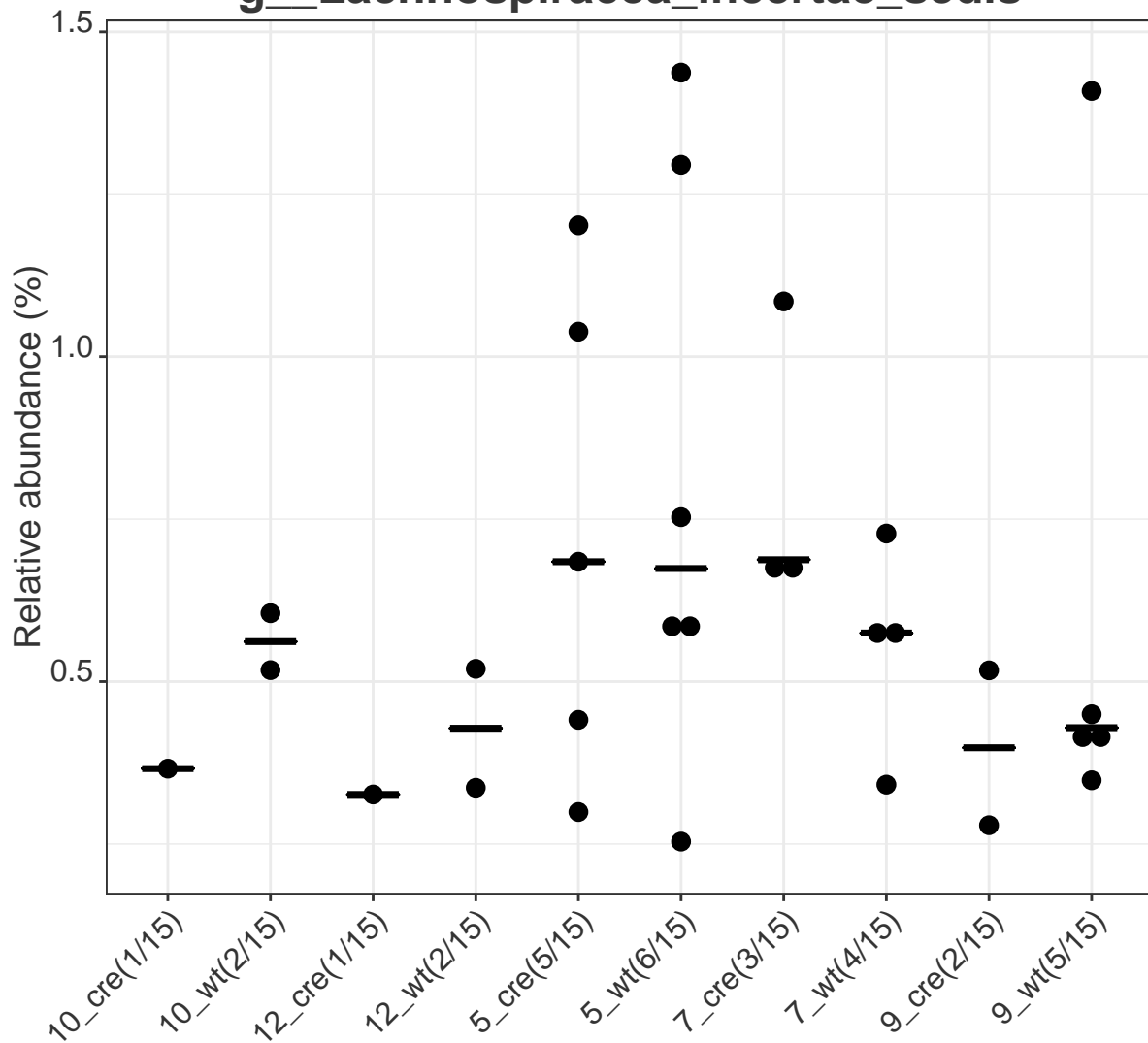
Friedman Test – all groups

	P–value	Adj. p–value
g__Anaeroplasm	0.0206	0.1991

Paired Wilcoxon Signed Rank Sum Test

Groups	P–value	Adj. p–value
NA	NA	NA
All	0.0206	0.1991

# g\_\_Lachnospiracea\_incertae\_sedis



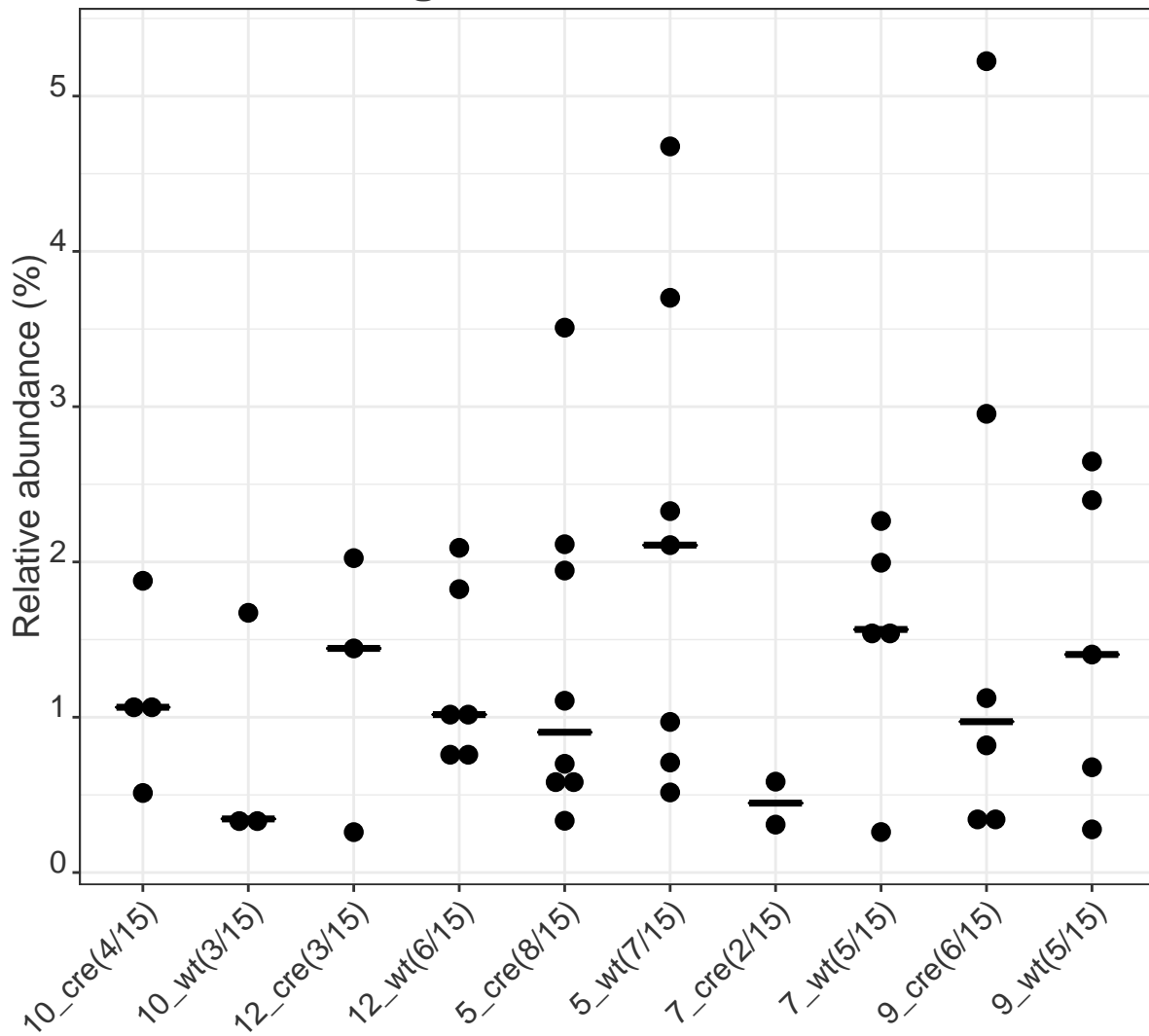
Friedman Test – all groups

	P-value	Adj. p-value
g__Lachnospiracea_incertae_sedis	0.0084	0.1827

Paired Wilcoxon Signed Rank Sum Test

Groups	P-value	Adj. p-value
NA	NA	NA
All	0.0084	0.1827

# g\_Ruminococcus

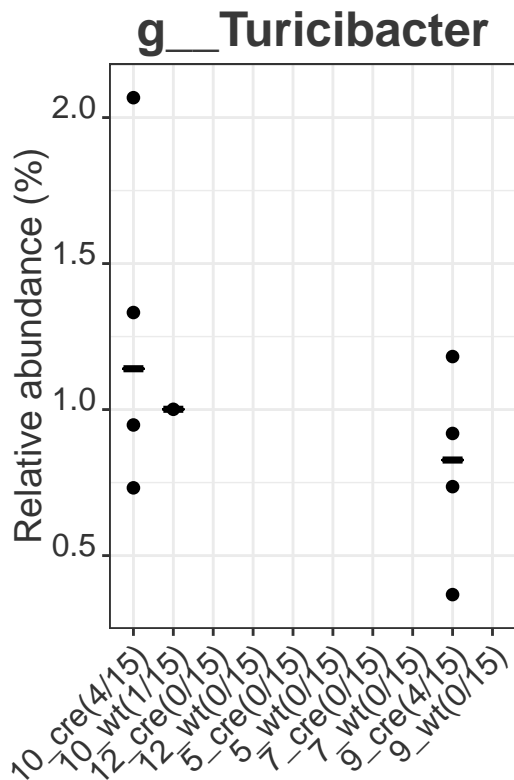


Friedman Test – all groups

	P–value	Adj. p–value
g__Ruminococcus	0.0043	0.1247

Paired Wilcoxon Signed Rank Sum Test

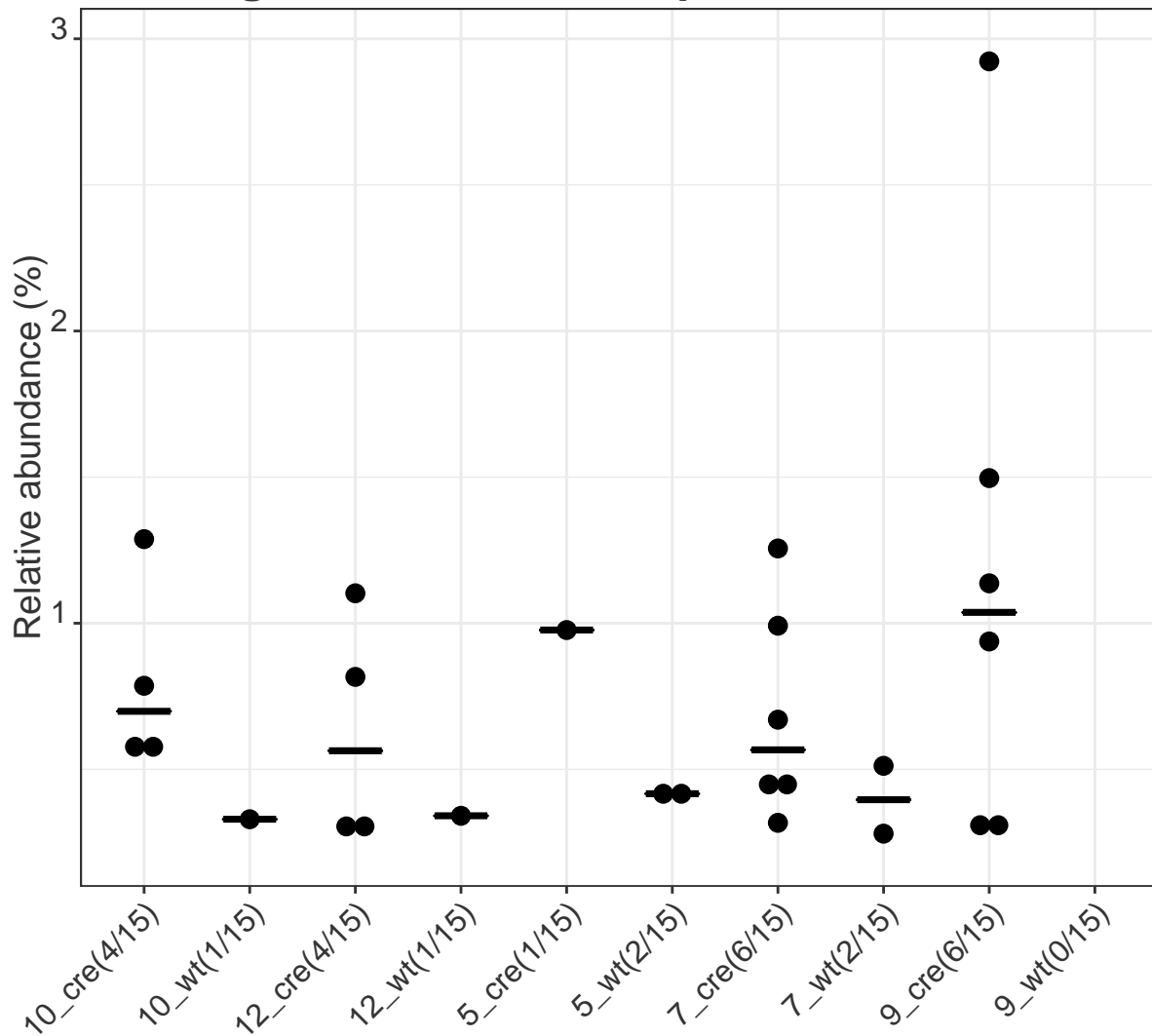
Groups	P–value	Adj. p–value
NA	NA	NA
All	0.0043	0.1247



Fisher's Exact Test – all groups

	P-value	Adj.p-value
g__Turicibacter	6e-04	0.013

# g\_unknown\_Deltaproteobacteria





Fisher's Exact Test – all groups

	P-value	Adj.p-value
g__unknown_ Deltaproteobacteria	0.0229	0.2846

Fisher's Exact Test – pairwise

Groups	P-value	Adj. p-value
7–10	0.0169	0.3802
9–10	0.0169	0.3802