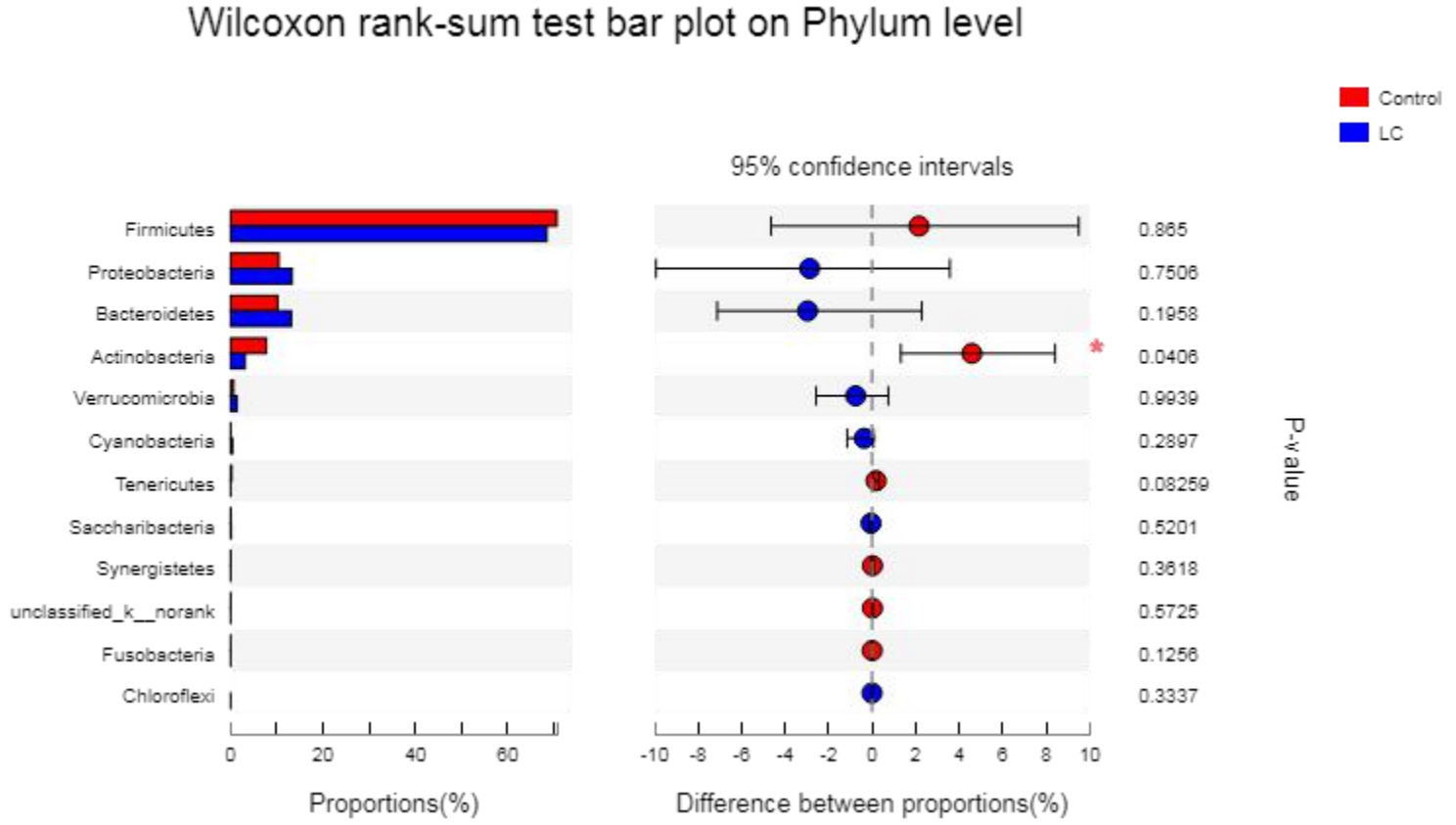
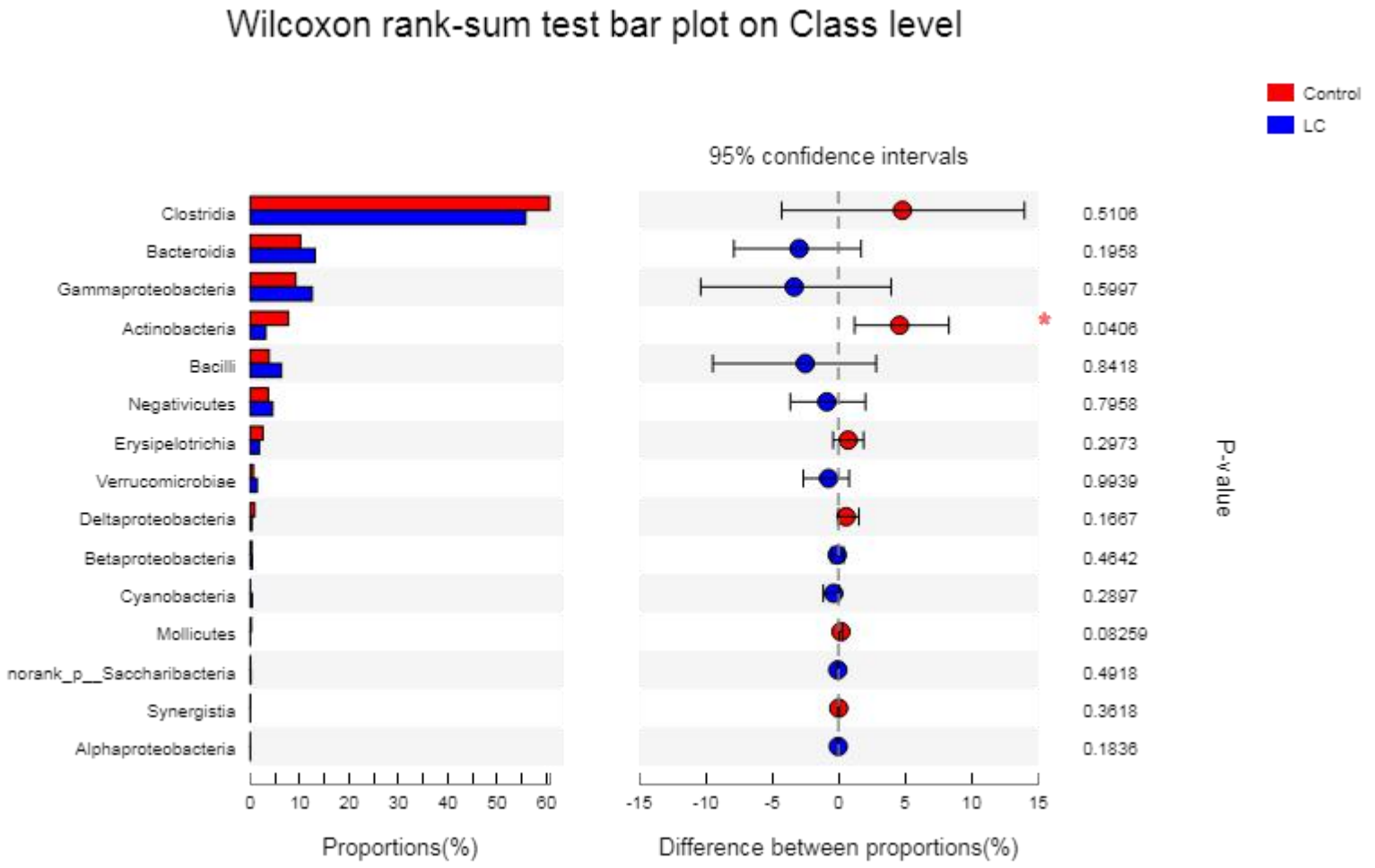
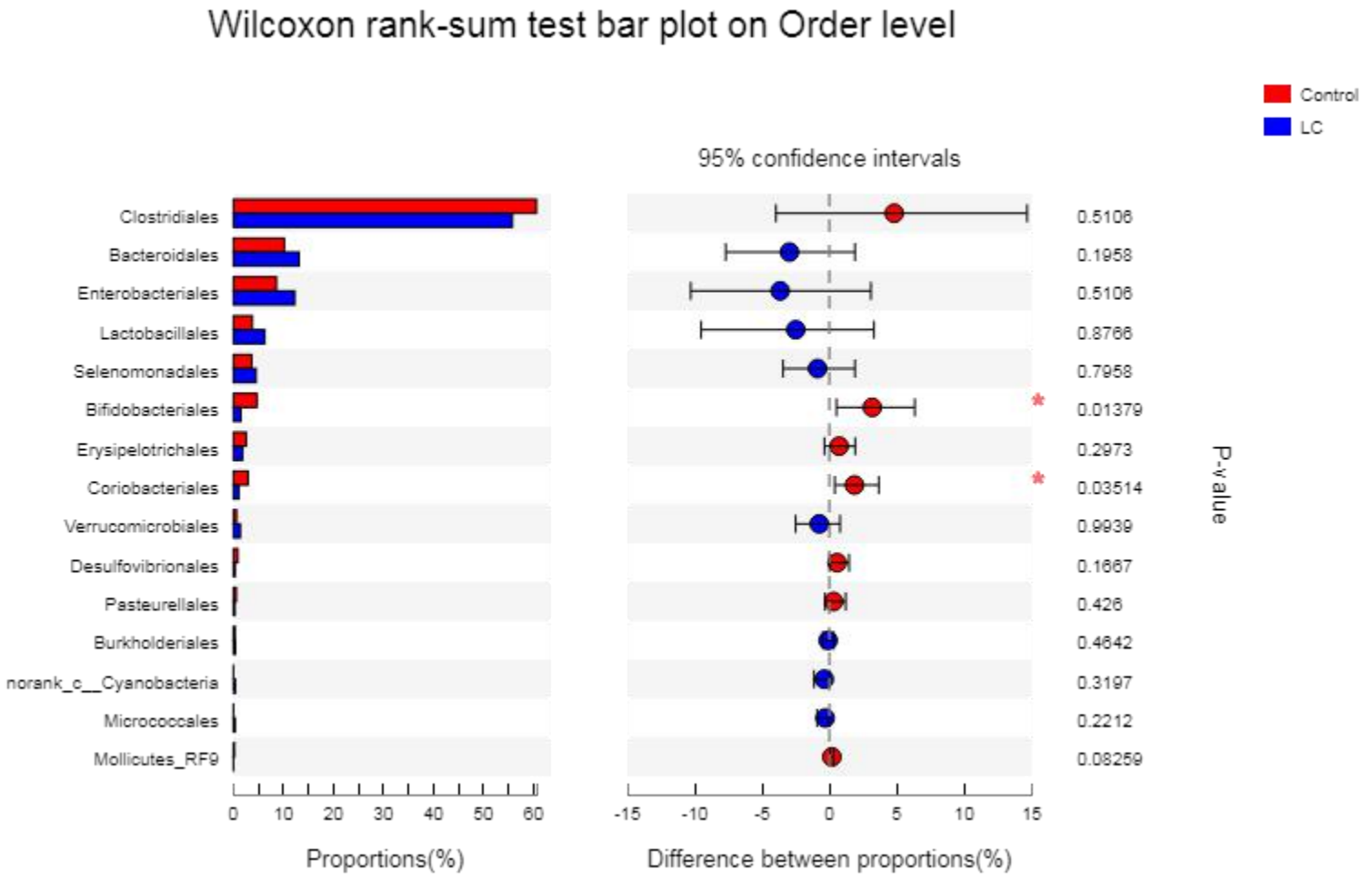
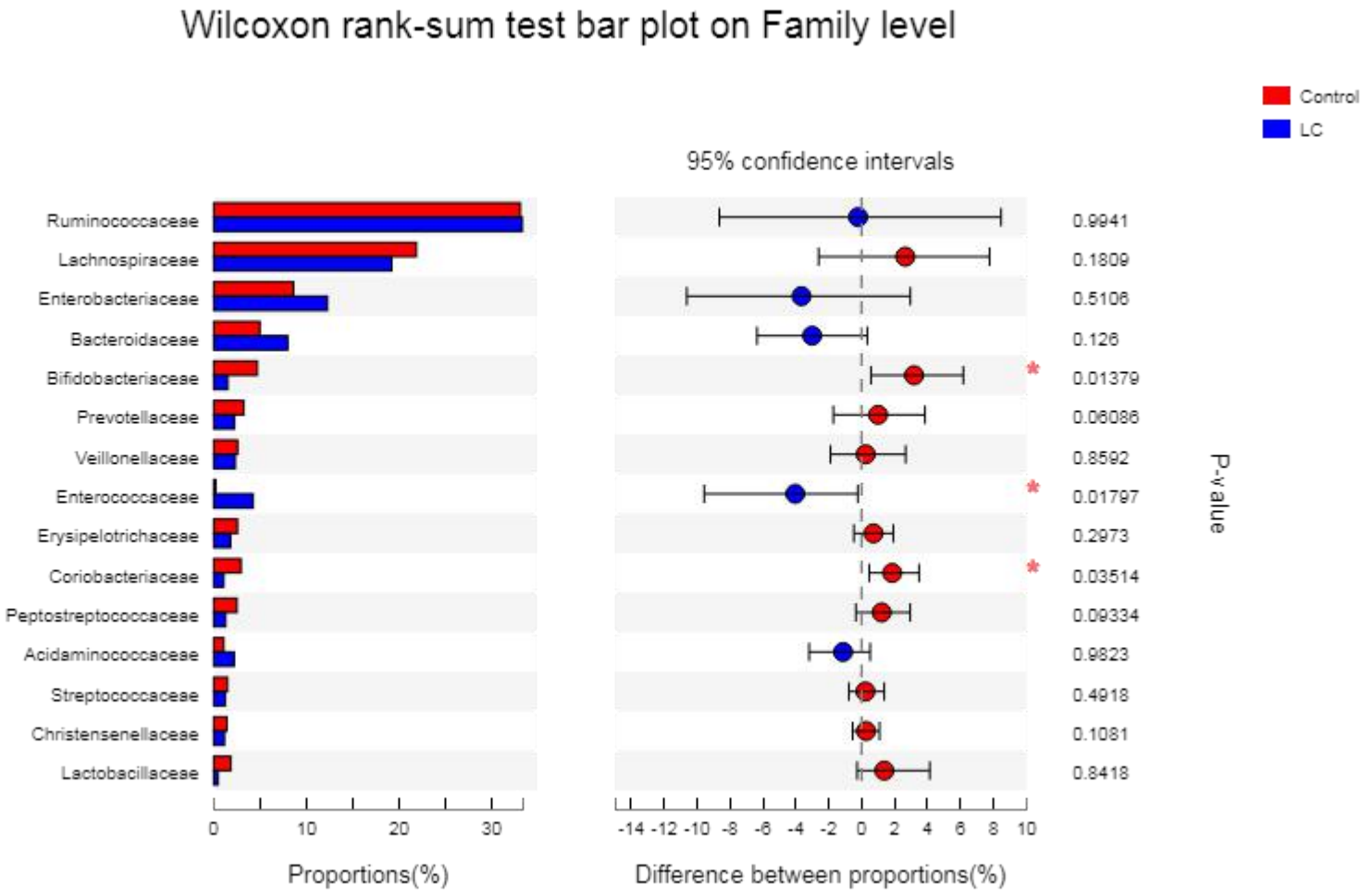
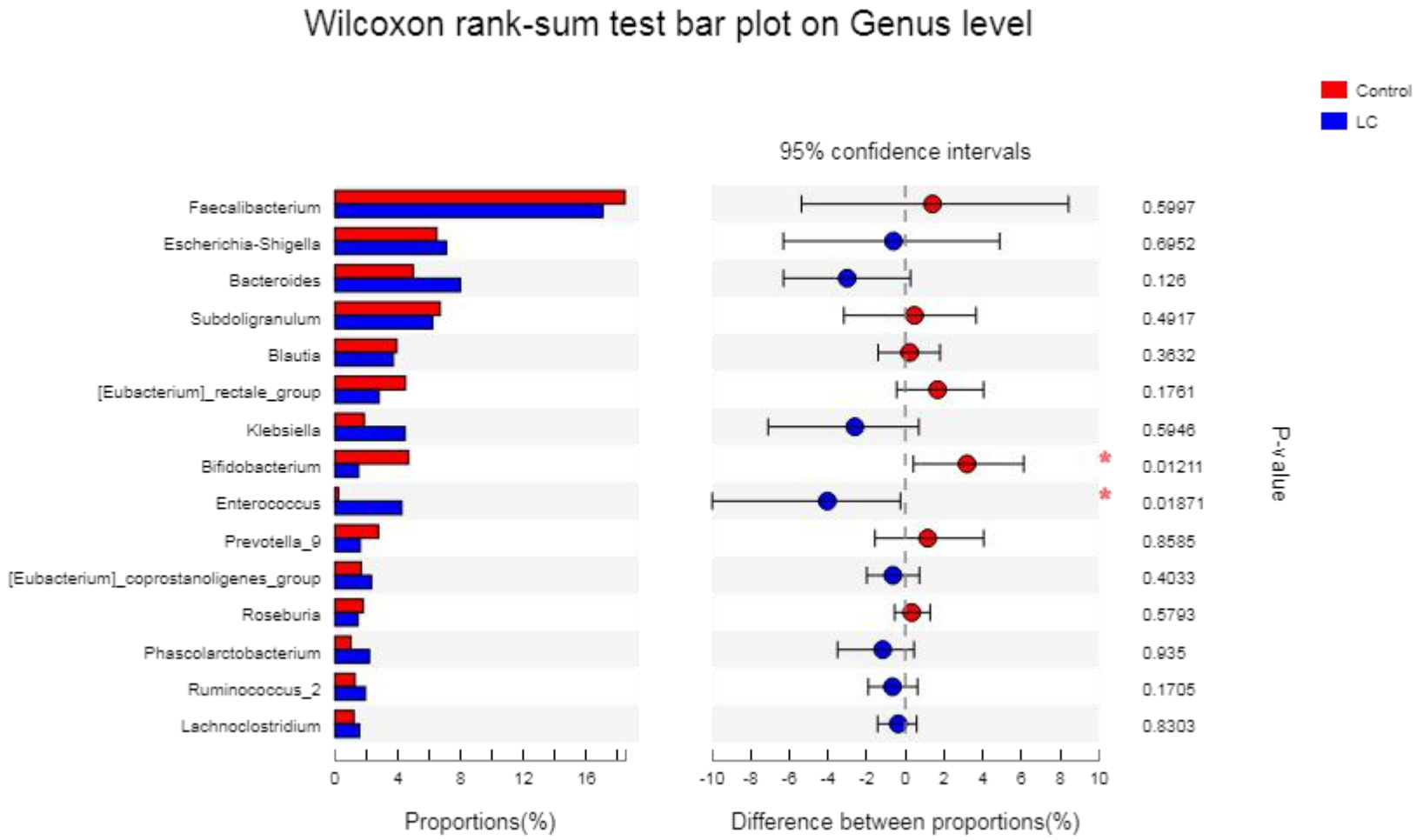

Wilcoxon rank-sum test bar plot on Phylum level
Control
LC
95% confidence intervals
Firmicutes
Proteobacteria
Bacteroidetes
Actinobacteria
Verrucomicrobia
Cyanobacteria
Tenericutes
Saccharibacteria
Synergistetes
unclassified_k__norank
Fusobacteria
Chloroflexi
0.865
0.7506
0.1958
0.0406
0.9939
0.2897
0.08259
0.5201
0.3618
0.5725
0.1256
0.3337
P-value
0
20
40
60
Proportions(%)
-10
-8
-6
-4
-2
0
2
4
6
8
10
Difference between proportions(%)


Wilcoxon rank-sum test bar plot on Class level
Control
LC
95% confidence intervals
Clostridia
Bacteroidia
Gammaproteobacteria
Actinobacteria
Bacilli
Negativicutes
Erysipelotrichia
Verrucomicrobiae
Deltaproteobacteria
Betaproteobacteria
Cyanobacteria
Mollicutes
norank_p__Saccharibacteria
Synergistia
Alphaproteobacteria
0.5106
0.1958
0.5997
*
0.0406
0.8418
0.7958
0.2973
0.9939
0.1667
0.4642
0.2897
0.08259
0.4918
0.3618
0.1836
P-value
0 10 20 30 40 50 60
Proportions(%)
-15 -10 -5 0 5 10 15
Difference between proportions(%)


Wilcoxon rank-sum test bar plot on Order level
Control
LC
95% confidence intervals
Clostridiales
Bacteroidales
Enterobacteriales
Lactobacillales
Selenomonadales
Bifidobacteriales
Erysipelotrichales
Coriobacteriales
Verrucomicrobiales
Desulfovibrionales
Pasteurellales
Burkholderiales
norank_c__Cyanobacteria
Micrococcales
Mollicutes_RF9
0.5106
0.1958
0.5106
0.8766
0.7958
*
0.01379
0.2973
*
0.03514
0.9939
0.1667
0.426
0.4642
0.3197
0.2212
0.08259
P-value
0 10 20 30 40 50 60
Proportions(%)
-15 -10 -5 0 5 10 15
Difference between proportions(%)


Wilcoxon rank-sum test bar plot on Family level
Control
LC
95% confidence intervals
Ruminococcaceae
Lachnospiraceae
Enterobacteriaceae
Bacteroidaceae
Bifidobacteriaceae
Prevotellaceae
Veillonellaceae
Enterococcaceae
Erysipelotrichaceae
Coriobacteriaceae
Peptostreptococcaceae
Acidaminococcaceae
Streptococcaceae
Christensenellaceae
Lactobacillaceae
0.9941
0.1809
0.5106
0.126
*
0.01379
0.06086
0.8592
*
0.01797
0.2973
*
0.03514
0.09334
0.9823
0.4918
0.1081
0.8418
P-value
0 10 20 30
Proportions(%)
-14 -12 -10 -8 -6 -4 -2 0 2 4 6 8 10
Difference between proportions(%)


Wilcoxon rank-sum test bar plot on Genus level
Control
LC
95% confidence intervals
Faecalibacterium
Escherichia-Shigella
Bacteroides
Subdoligranulum
Blautia
[Eubacterium]_rectale_group
Klebsiella
Bifidobacterium
Enterococcus
Prevotella_9
[Eubacterium]_coprostanoligenes_group
Roseburia
Phascolarctobacterium
Ruminococcus_2
Lachnoclostridium
0.5997
0.6952
0.126
0.4917
0.3632
0.1761
0.5946
0.01211
0.01871
0.8585
0.4033
0.5793
0.935
0.1705
0.8303
P-value
0 4 8 12 16
Proportions(%)
-10 -8 -6 -4 -2 0 2 4 6 8 10
Difference between proportions(%)