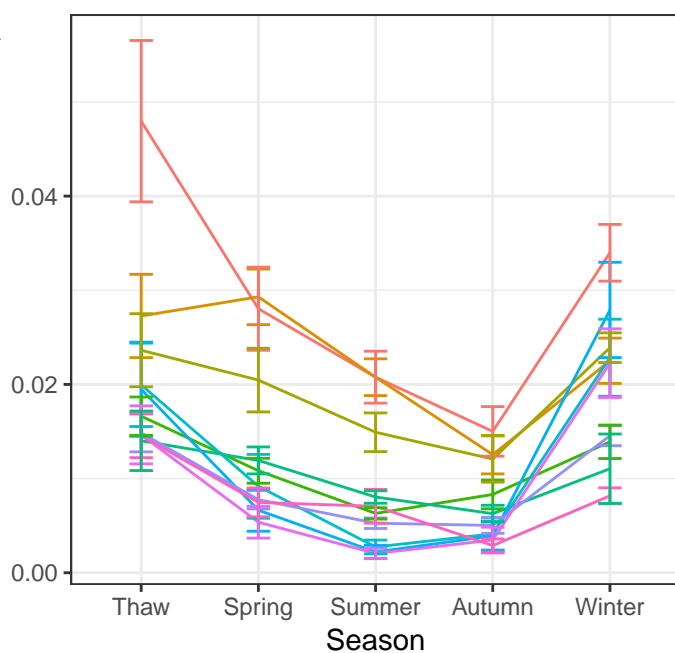**A**

Legend (A):
- k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria; o__Xanthomonadales; f__Sinobacteraceae; g__; s__
- k__Bacteria; p__Proteobacteria; c__Betaproteobacteria; o__Burkholderiales; f__Burkholderiaceae; g__Burkholderia
- k__Bacteria; p__Acidobacteria; c__Solibacteres; o__Solibacterales; f__Solibacteraceae; g__Candidatus Solibacter; s__
- k__Bacteria; p__Acidobacteria; c__Acidobacteriia; o__Acidobacteriales; f__Acidobacteriaceae
- k__Bacteria; p__Proteobacteria; c__Alphaproteobacteria; o__Rhodospirillales; f__Acetobacteraceae; g__; s__
- k__Bacteria; p__Acidobacteria; c__DA052; o__Ellin6513; f__; g__; s__
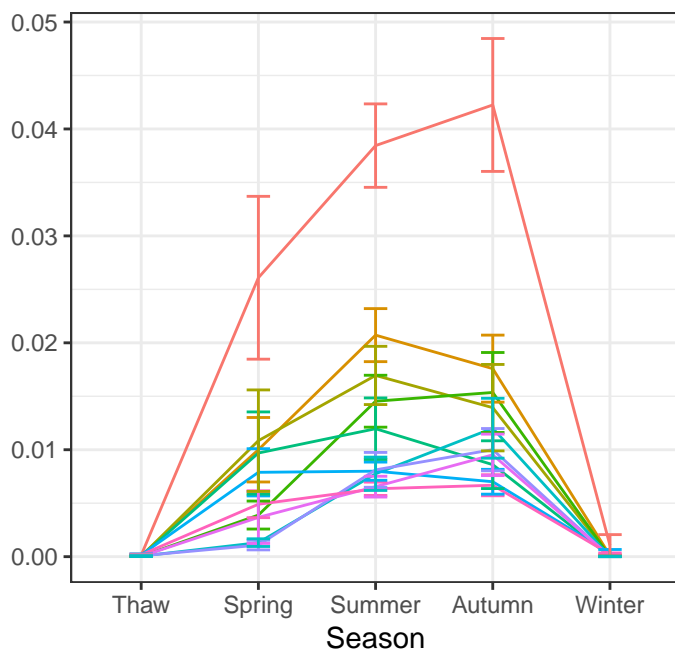- k__Bacteria; p__Acidobacteria; c__Solibacteres; o__Solibacterales
- k__Bacteria; p__Acidobacteria; c__Solibacteres; o__Solibacterales; f__; g__; s__
- k__Bacteria; p__Actinobacteria; c__Acidimicrobiia; o__Acidimicrobiales; f__; g__; s__
- k__Bacteria; p__Proteobacteria; c__Alphaproteobacteria; o__Rhodospirillales; f__Acetobacteraceae; g__; s__

B

Legend (B):
- k__Bacteria; p__Chlorobi; c__; o__; f__; g__; s__
- k__Bacteria; p__Proteobacteria; c__Gammaproteobacteria
- k__Bacteria; p__Chloroflexi; c__SHA−26; o__; f__; g__; s__
- k__Bacteria; p__AD3
- k__Bacteria; p__Proteobacteria; c__Alphaproteobacteria; o__Ellin329; f__; g__; s__
- k__Bacteria; p__Chloroflexi; c__Ellin6529; o__; f__; g__; s__
- k__Bacteria; p__Chloroflexi; c__S085; o__; f__; g__; s__
- k__Bacteria; p__Proteobacteria; c__Alphaproteobacteria; o__Rhizobiales; f__; g__; s__
- k__Bacteria; p__Proteobacteria; c__Deltaproteobacteria; o__Myxococcales
- k__Bacteria; p__Bacteroidetes; c__[Saprospirae]; o__[Saprospirales]; f__Chitinophagaceae; g__; s__