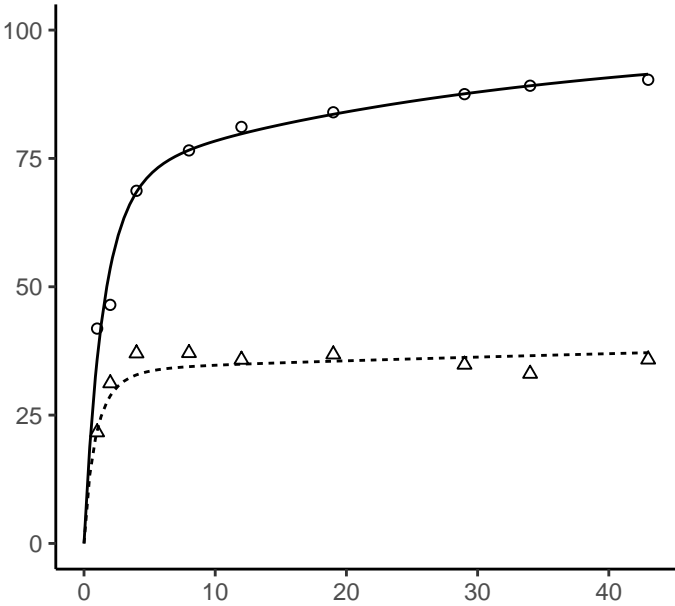
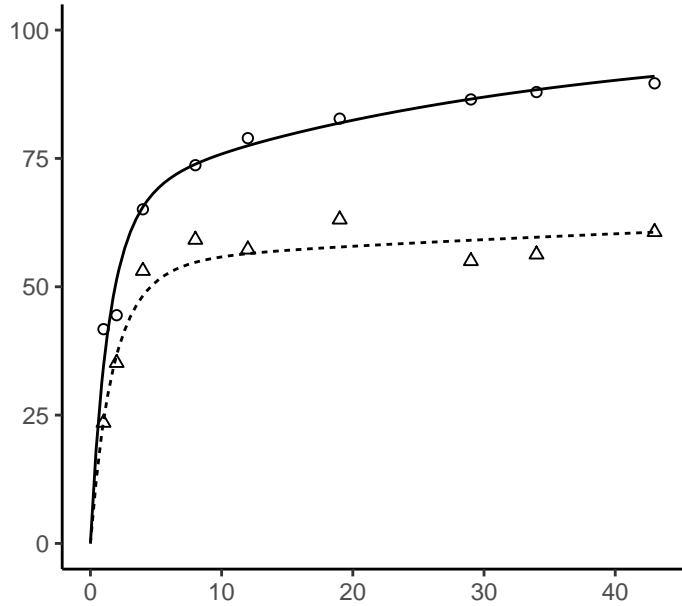


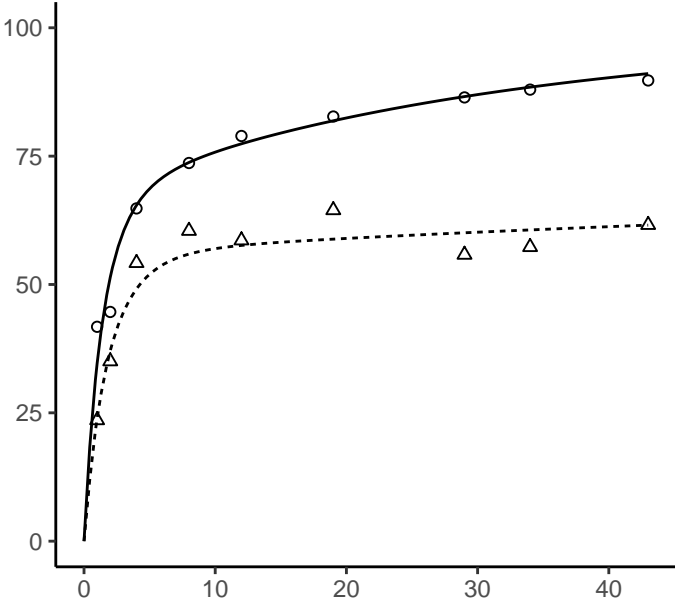
Superkingdom: Bacteria  
N = 1712



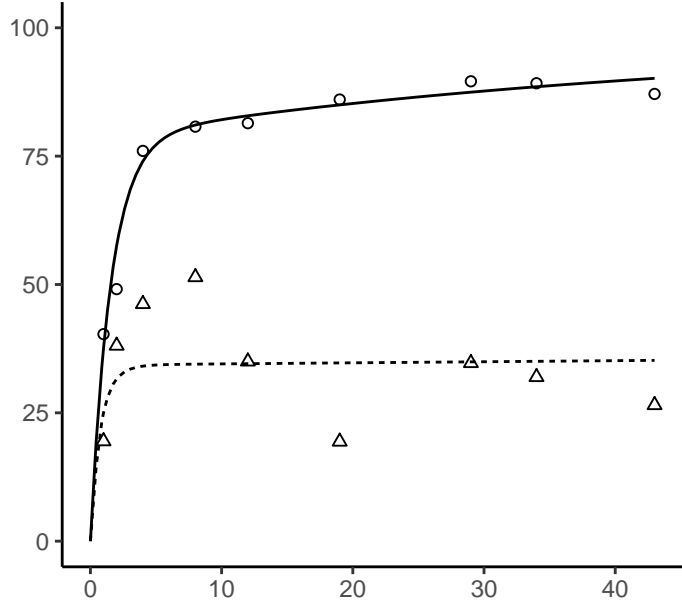
Superkingdom: Eukaryota  
N = 232



Kingdom: Metazoa  
N = 208

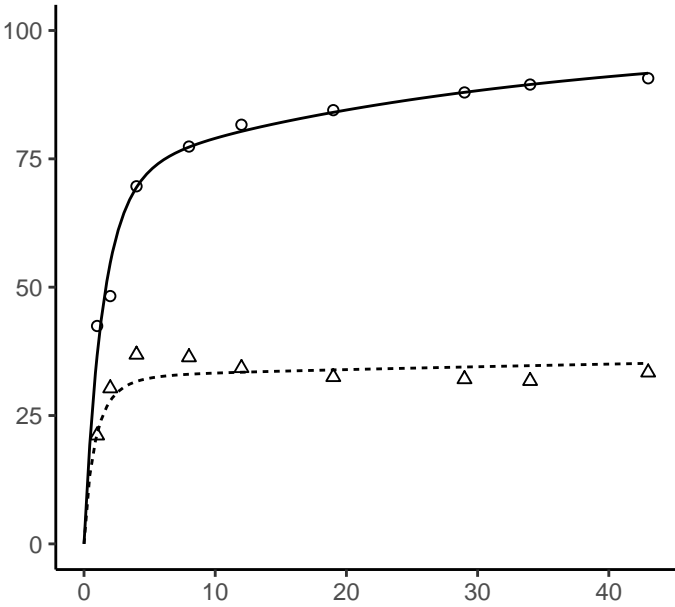


Kingdom: Fungi  
N = 4

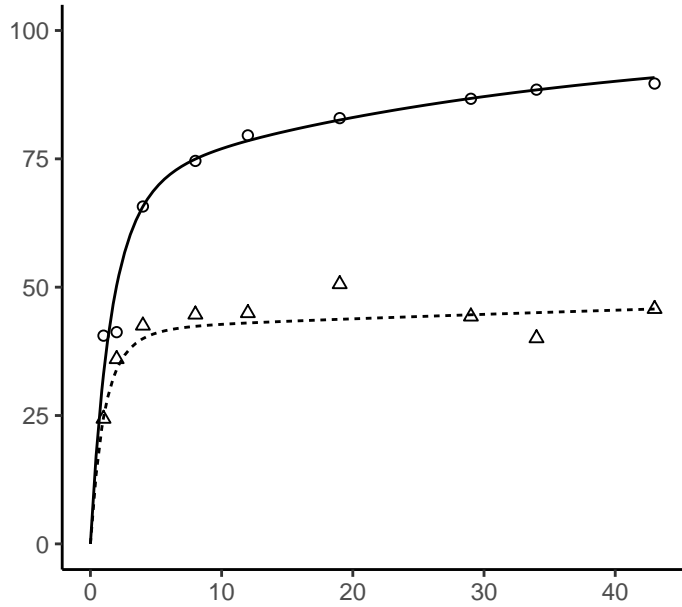


y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

Phylum: Firmicutes  
N = 801

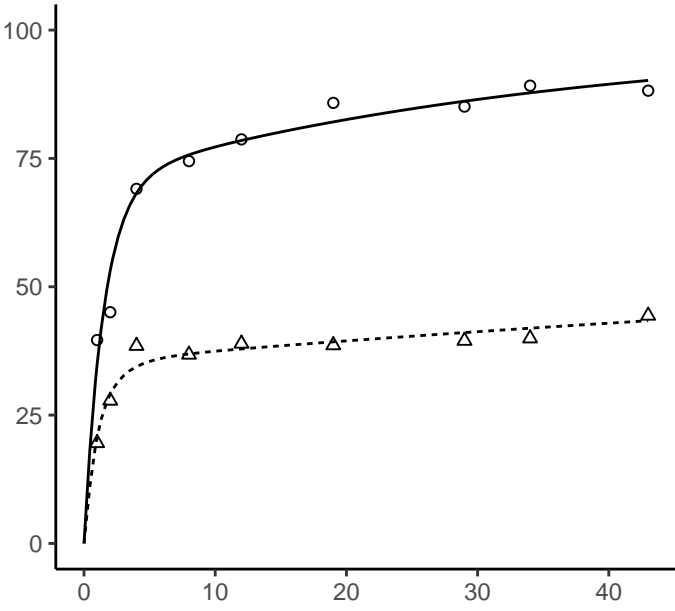


Phylum: Bacteroidetes  
N = 349

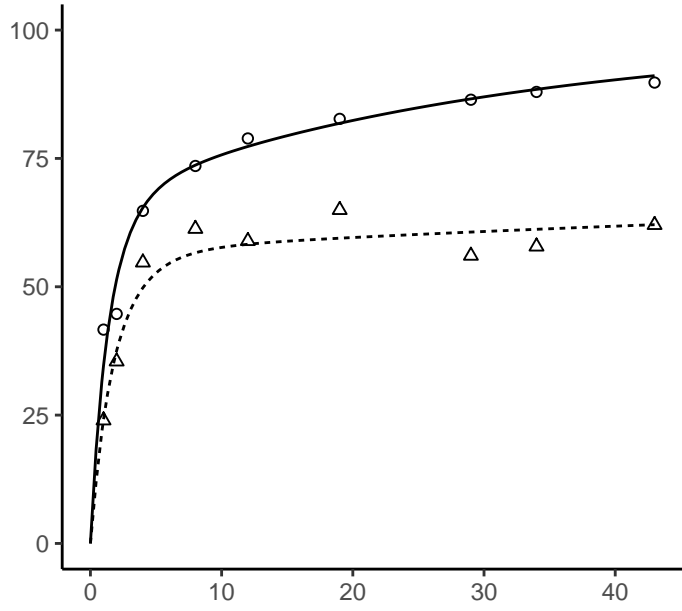


Time (day)

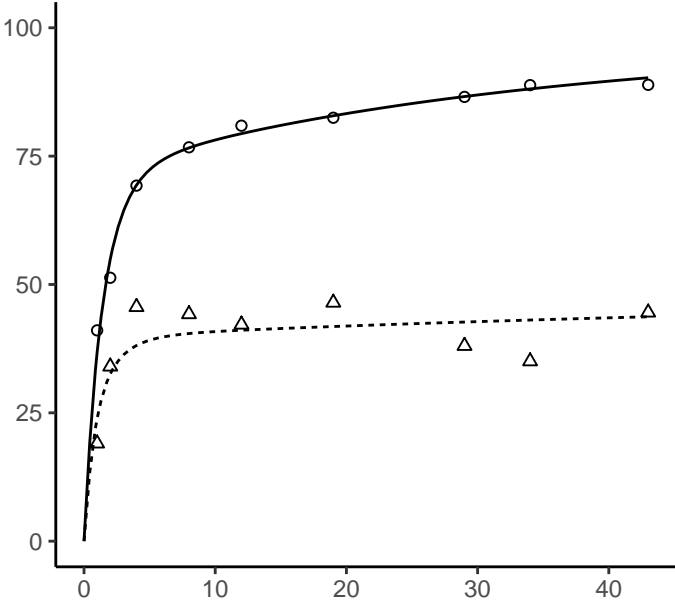
Phylum: Actinobacteria  
N = 12



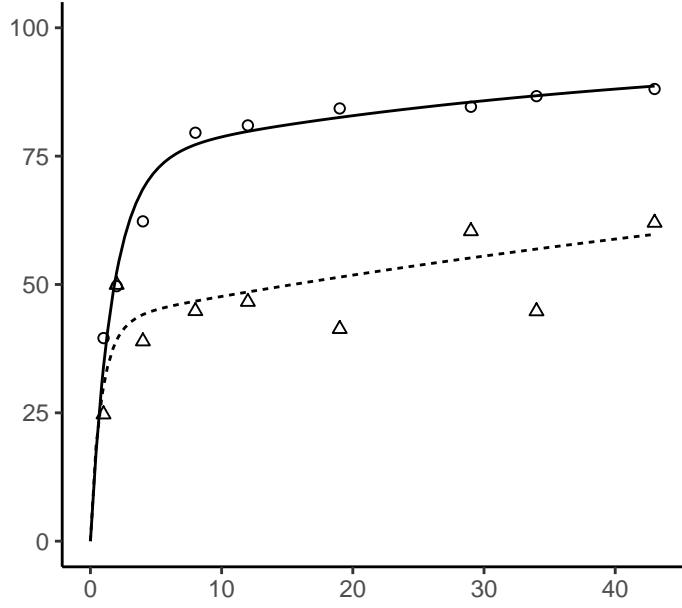
Phylum: Chordata  
N = 192



Phylum: Proteobacteria  
N = 13

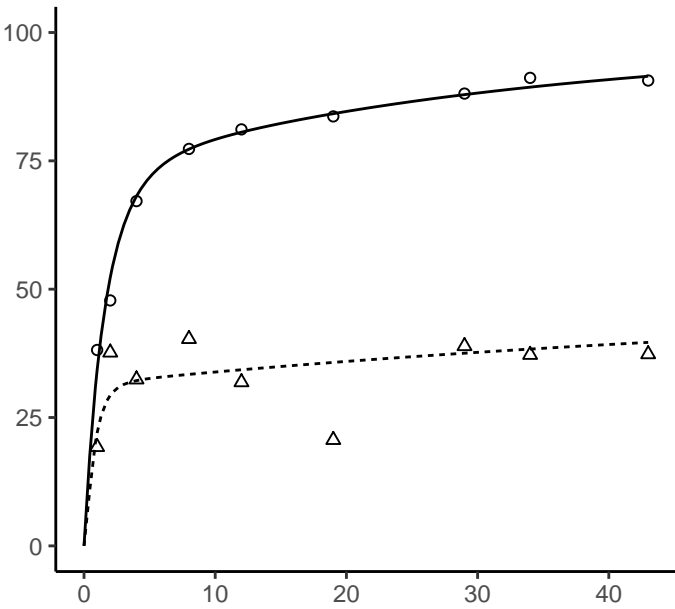


Phylum: Verrucomicrobia  
N = 6

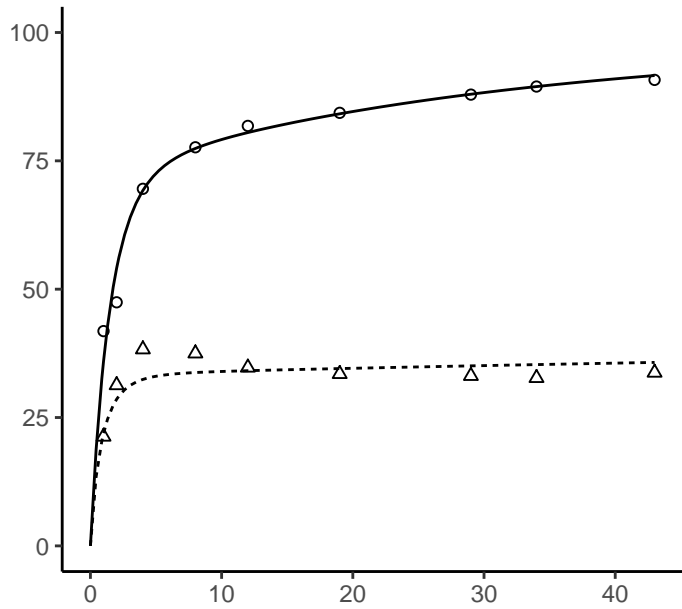


y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

Phylum: Deferribacteres  
N = 7

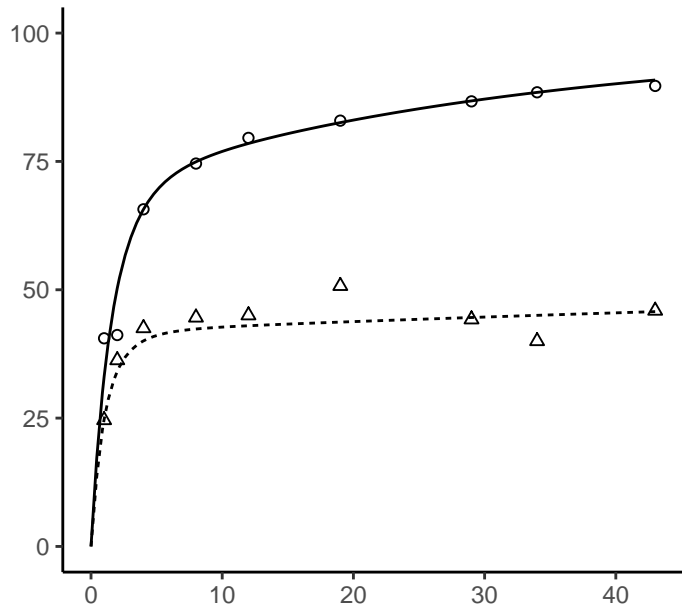


Class: Clostridia  
N = 437

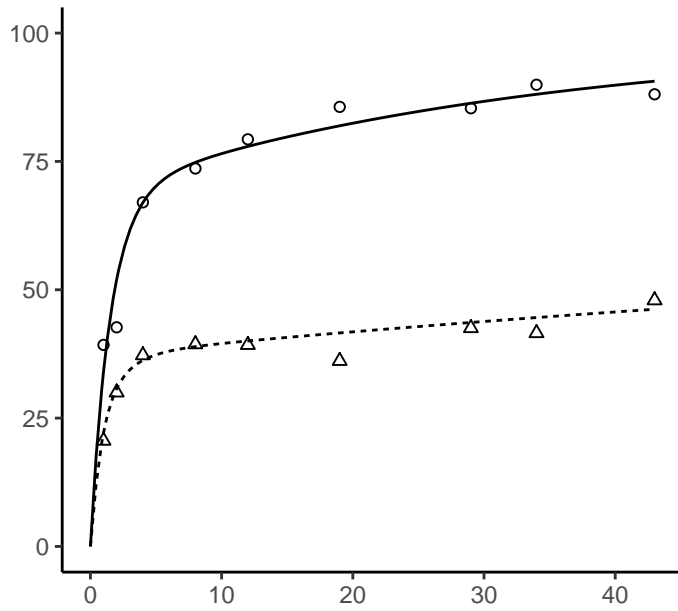


Time (day)

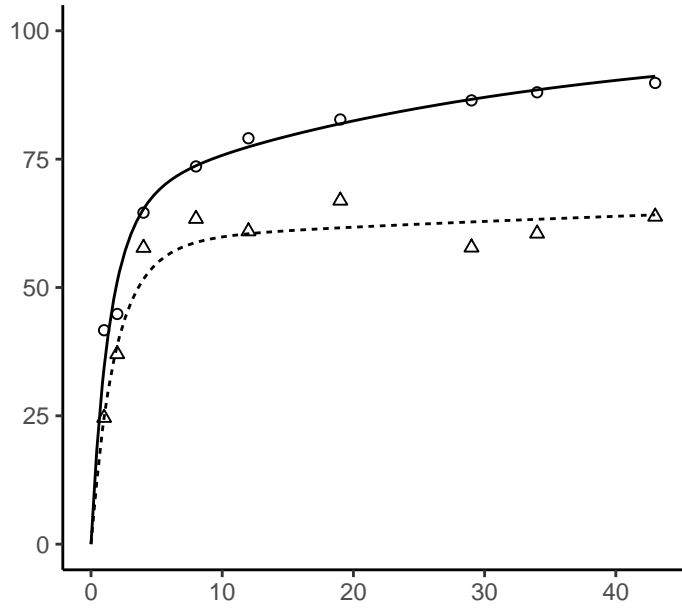
Class: Bacteroidia  
N = 335



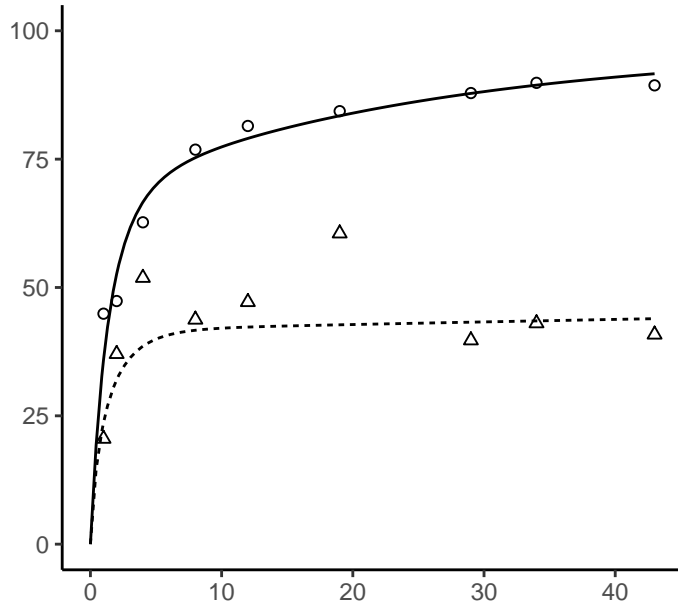
Class: Coriobacteria  
N = 9



Class: Mammalia  
N = 165

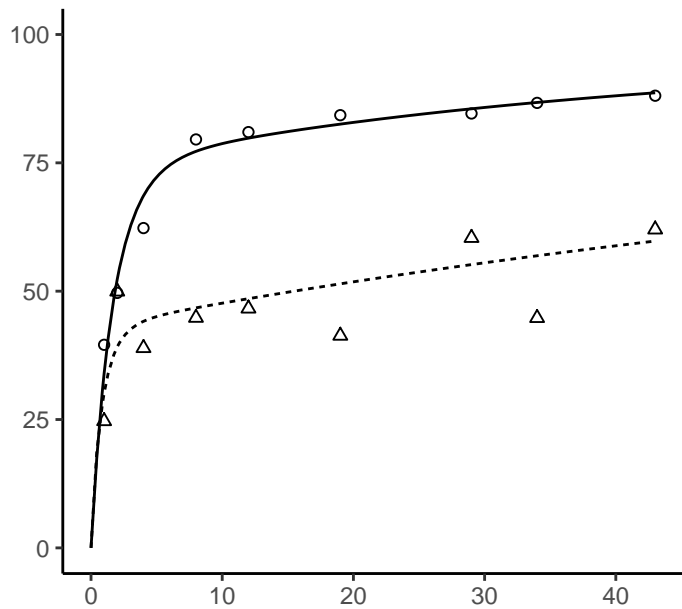


Class: Alphaproteobacteria  
N = 4

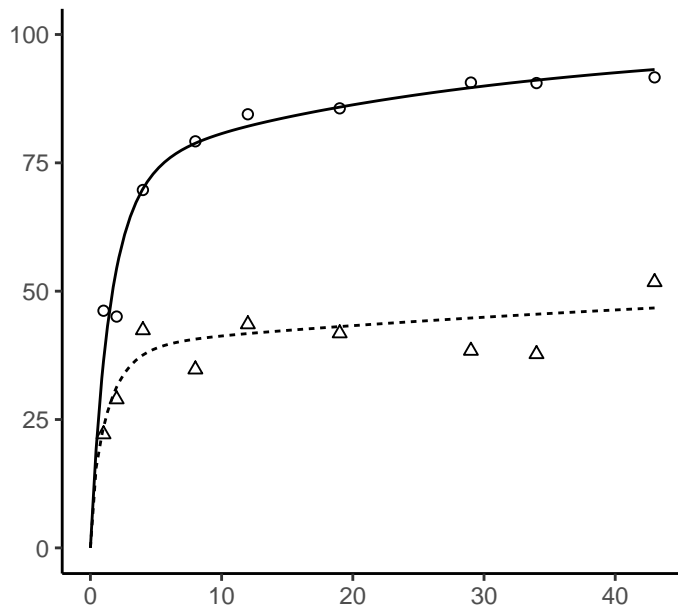


y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

Class: Verrucomicrobiae  
N = 6

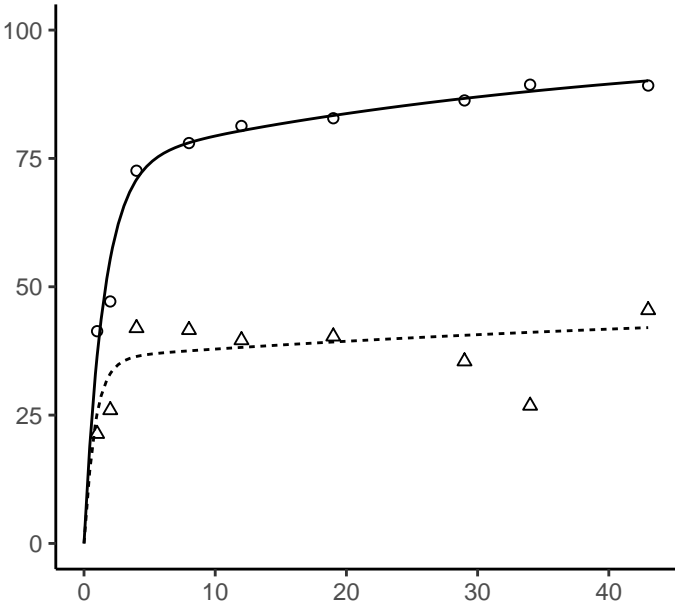


Class: Bacilli  
N = 14

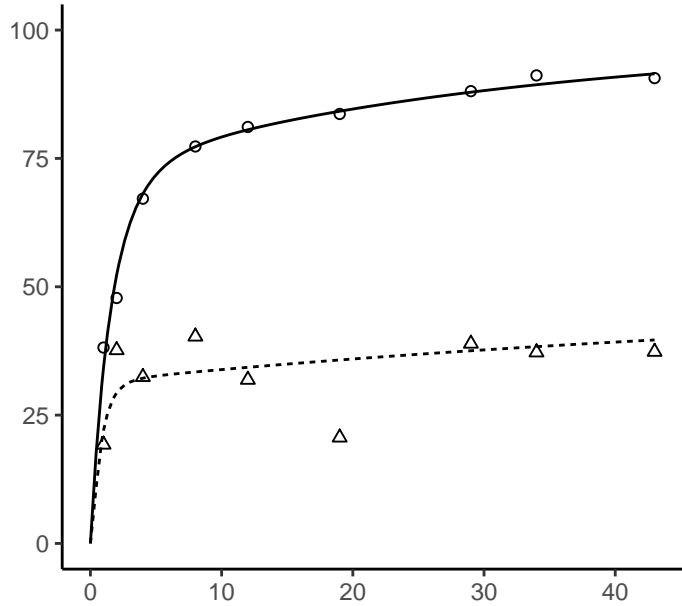


Time (day)

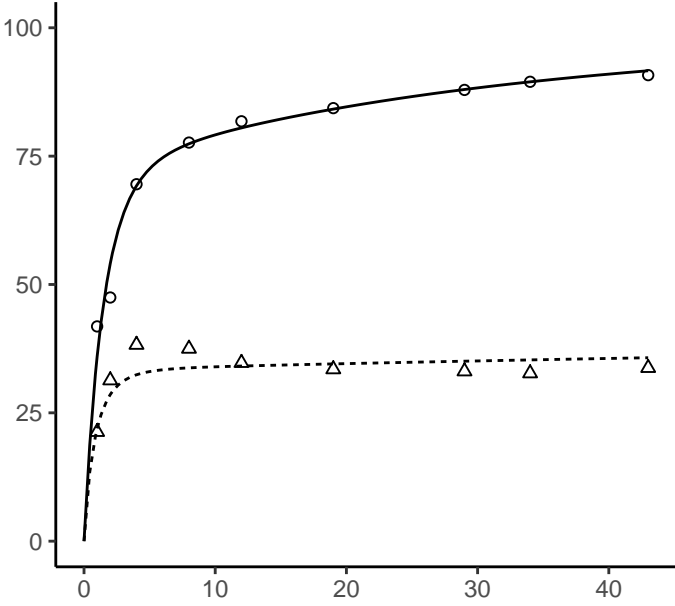
Class: Gammaproteobacteria  
N = 7



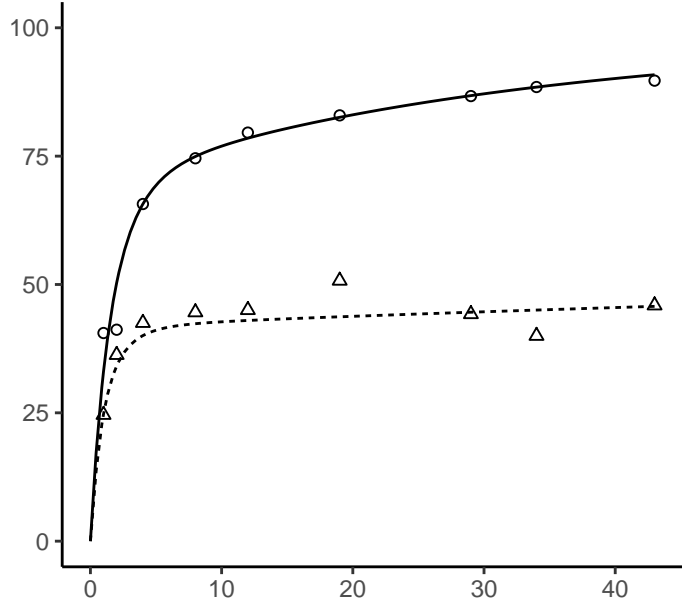
Class: Deferribacteres  
N = 7



Order: Clostridiales  
N = 436

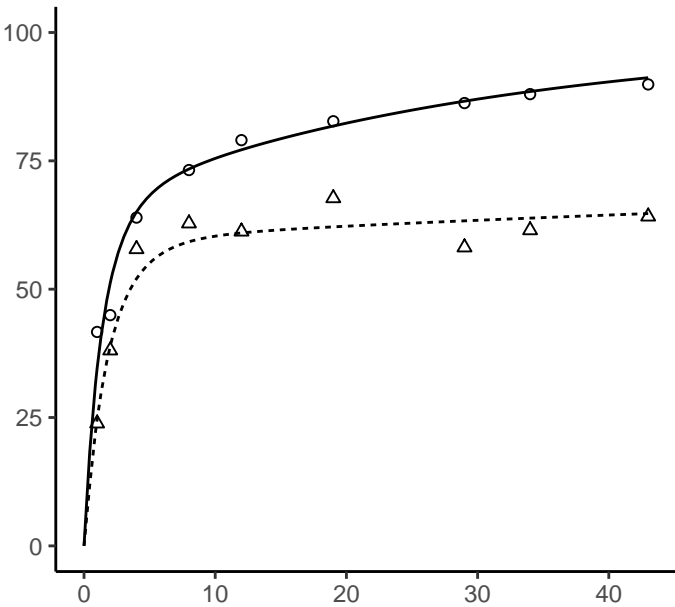


Order: Bacteroidales  
N = 335

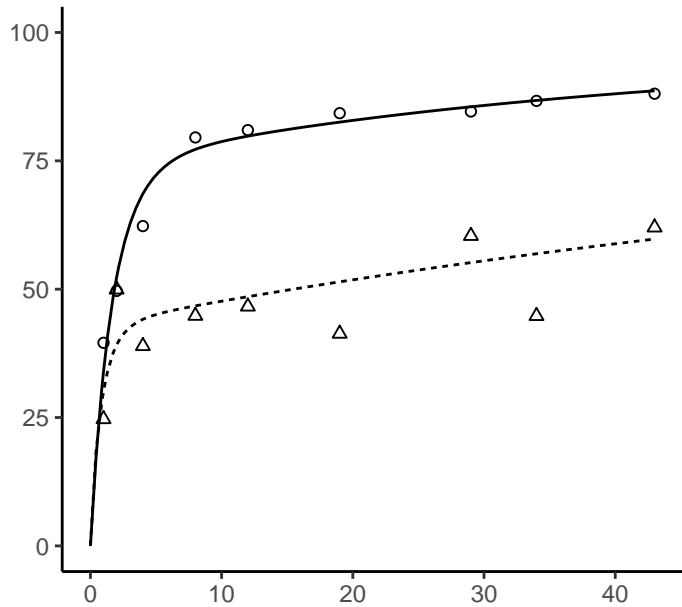


y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

Order: Rodentia  
N = 130

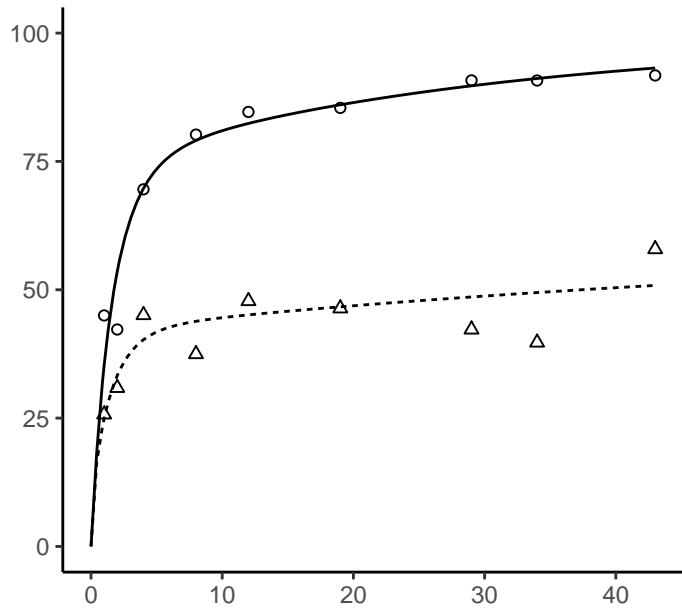


Order: Verrucomicrobiales  
N = 6

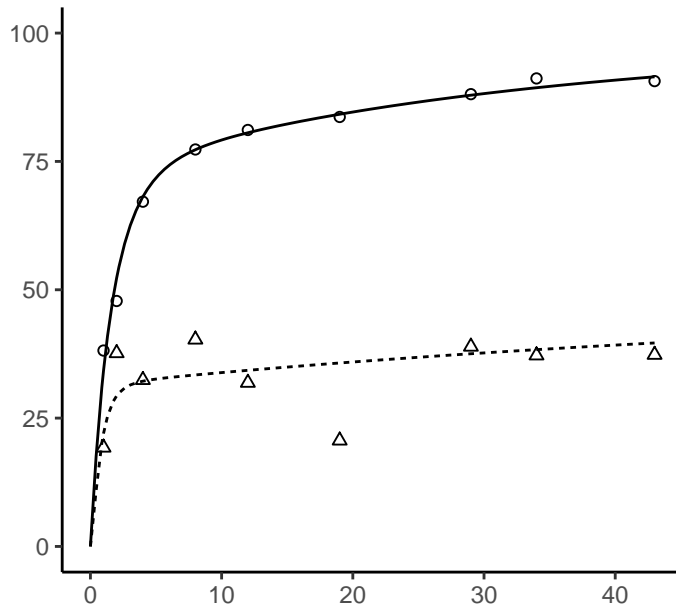


Time (day)

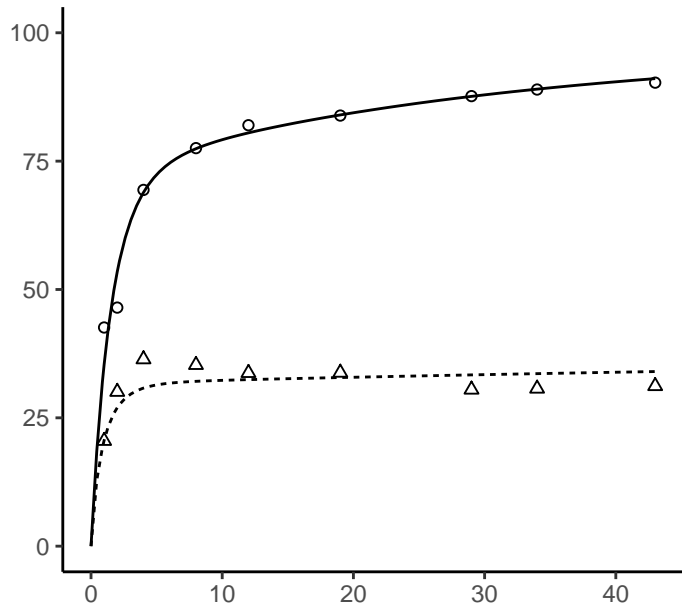
Order: Lactobacillales  
N = 12



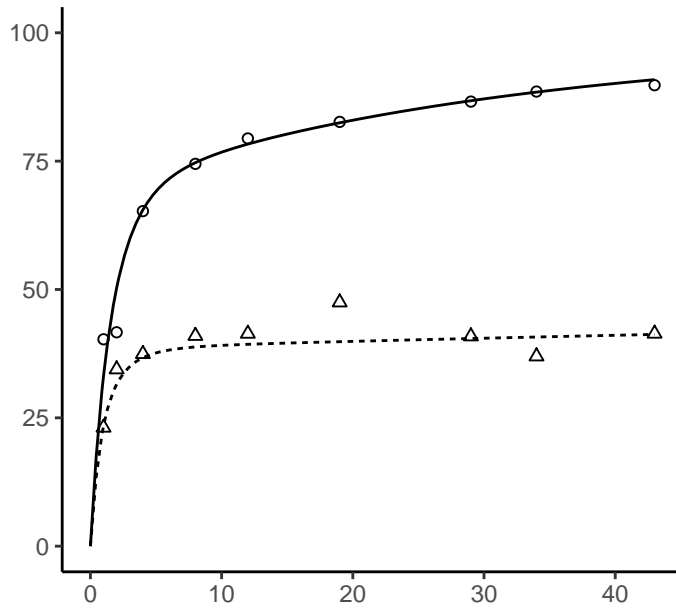
Order: Deferribacterales  
N = 7



Family: Lachnospiraceae  
N = 122

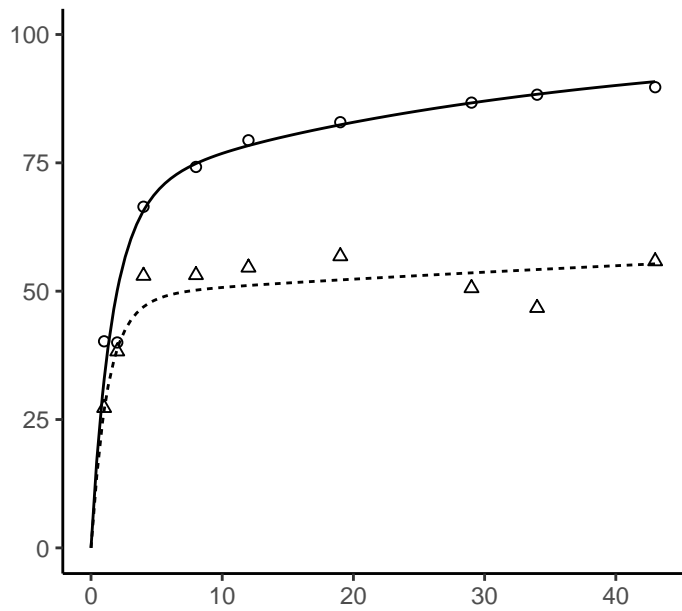


Family: Bacteroidaceae  
N = 172

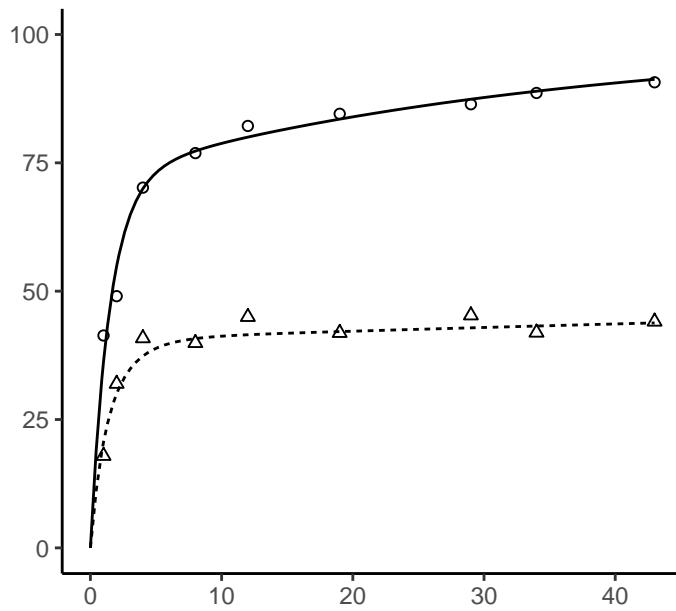


y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

Family: Porphyromonadaceae  
N = 86

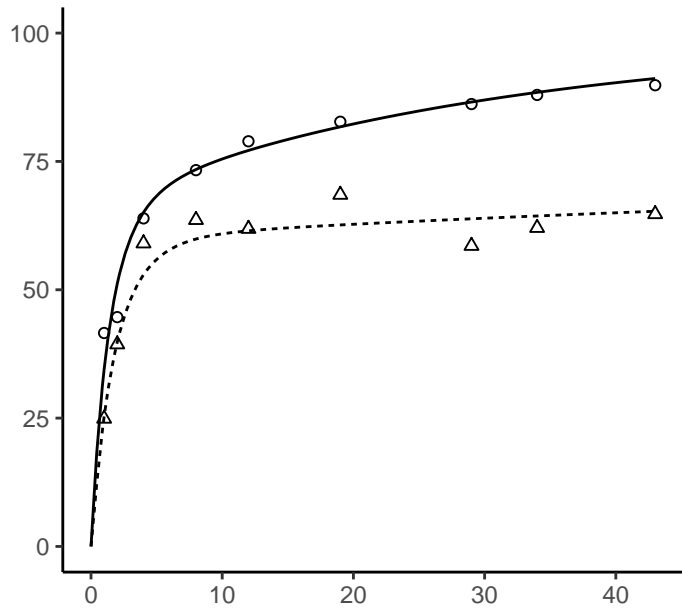


Family: Clostridiaceae  
N = 21

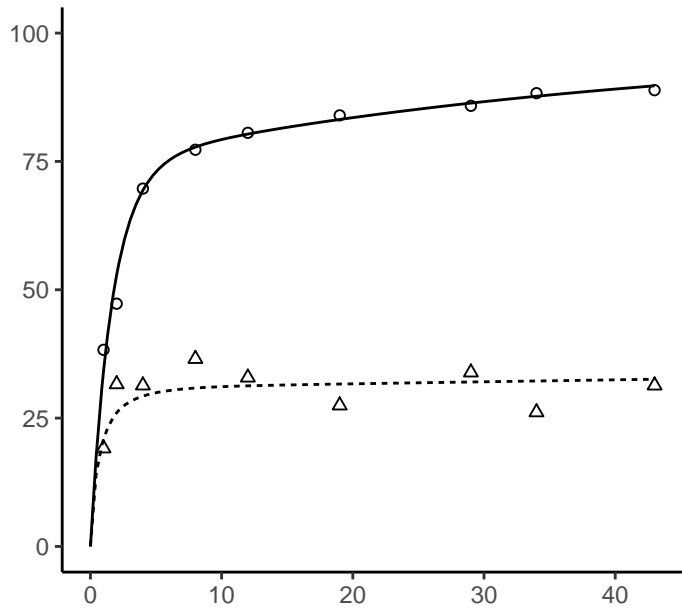


Time (day)

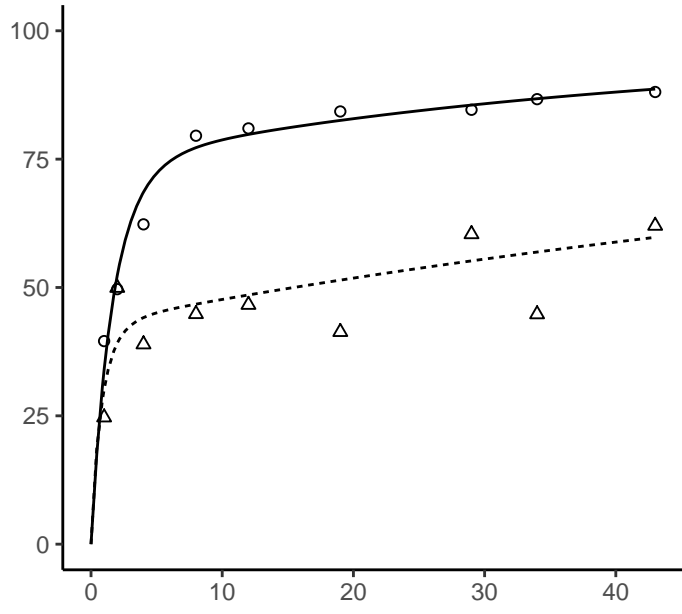
Family: Muridae  
N = 115



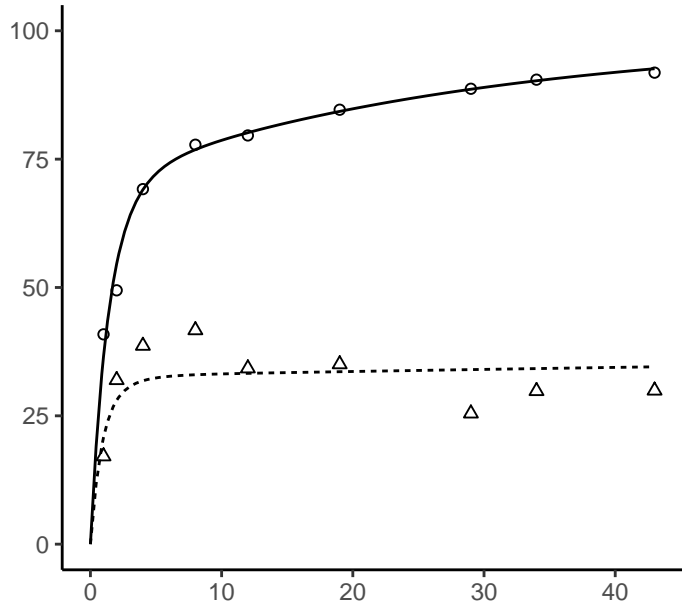
Family: Ruminococcaceae  
N = 15



Family: Akkermansiaceae  
N = 6



Family: Eubacteriaceae  
N = 19

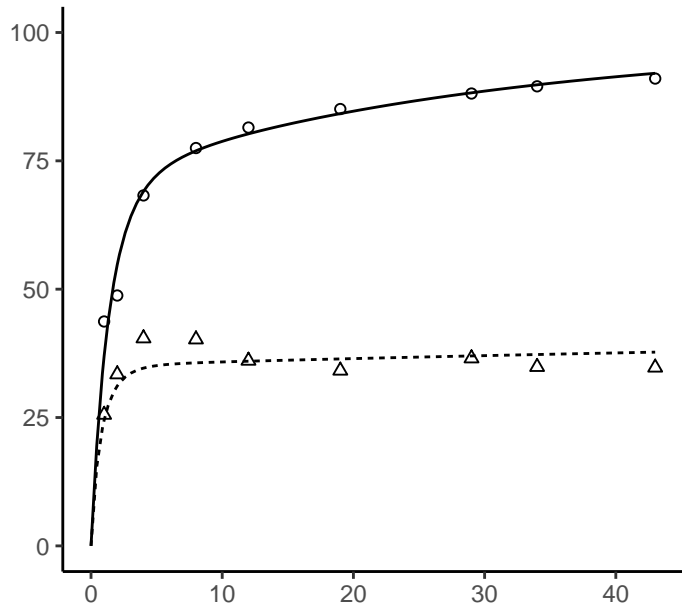


y-axis

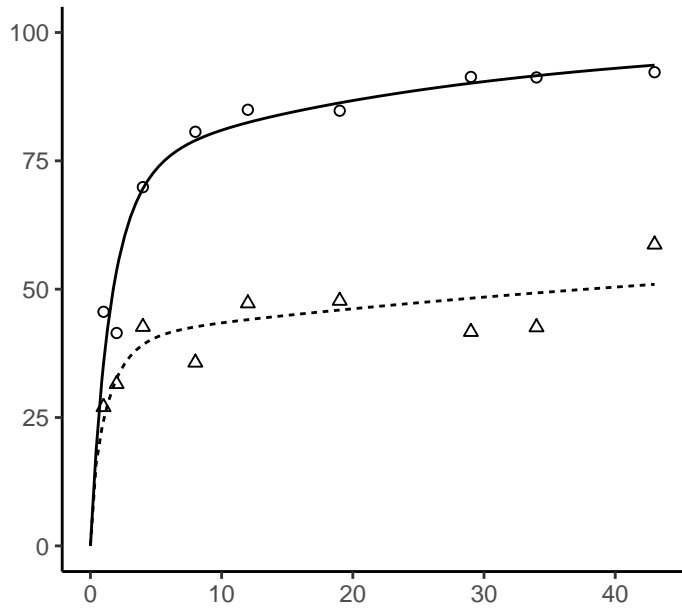
—○— Heavy RIA (%)

-△- LR (%)

Family: Oscillospiraceae  
N = 38

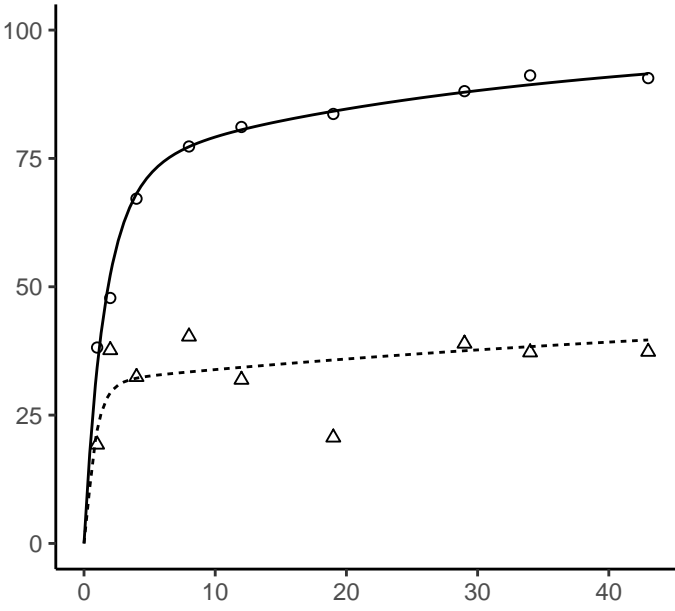


Family: Lactobacillaceae  
N = 10

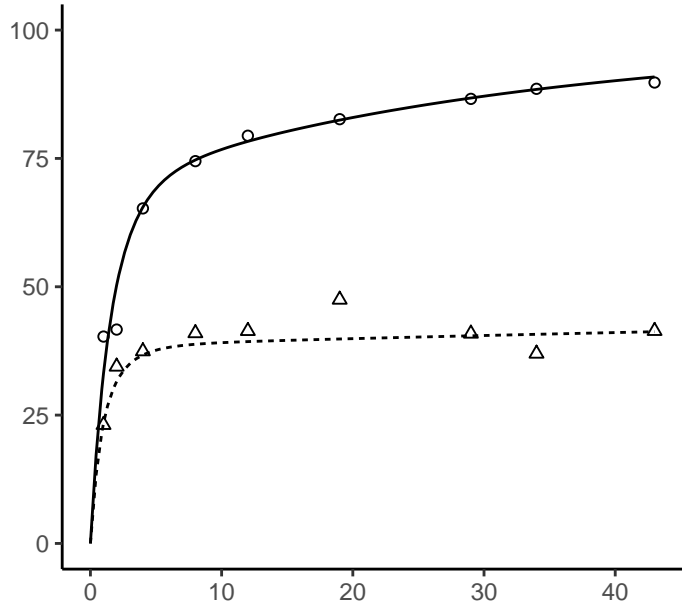


Time (day)

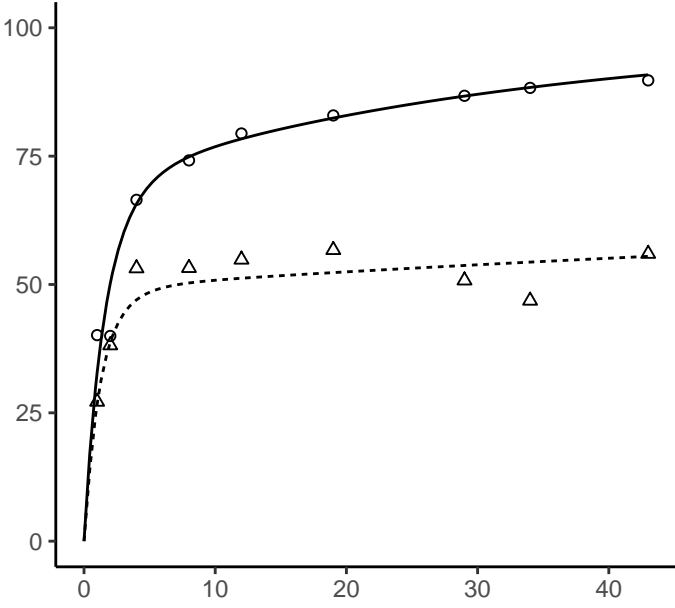
Family: Deferribacteraceae  
N = 7



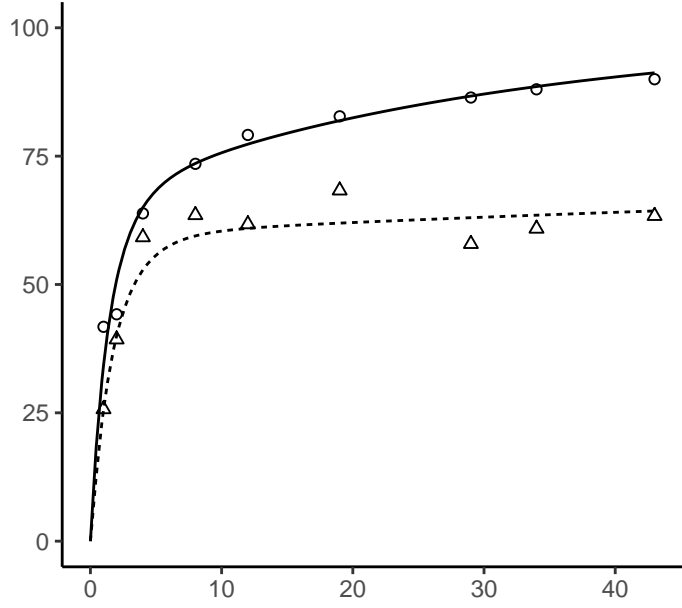
Genus: Bacteroides  
N = 172



Genus: Parabacteroides  
N = 85



Genus: Mus  
N = 99

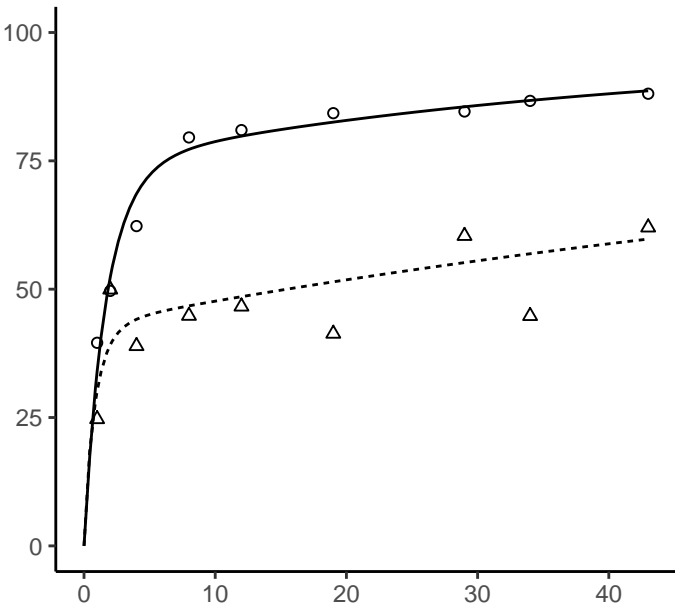


y-axis

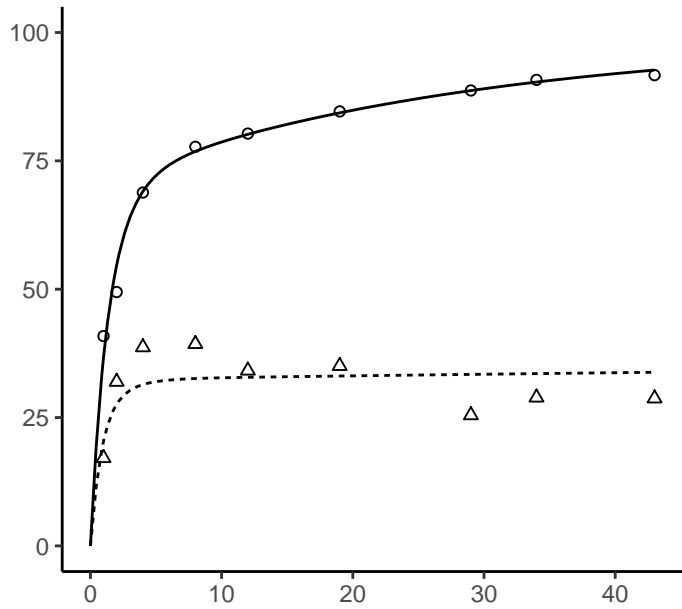
—○— Heavy RIA (%)

-△- LR (%)

Genus: Akkermansia  
N = 6

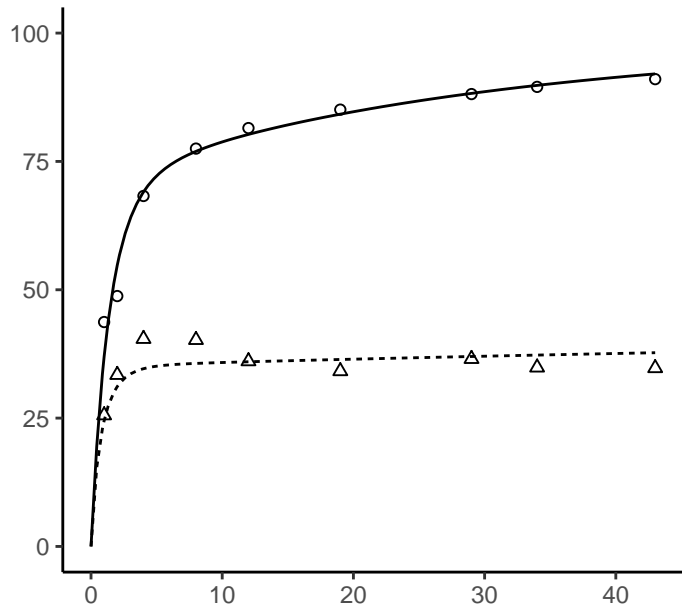


Genus: Eubacterium  
N = 18

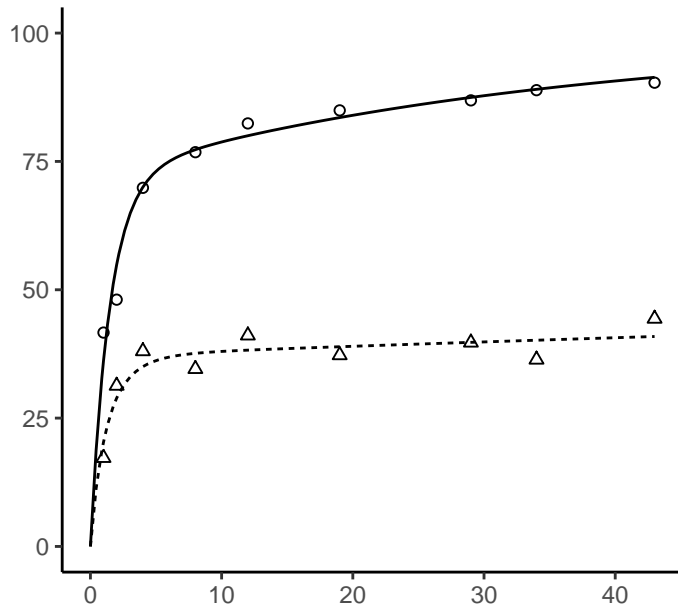


Time (day)

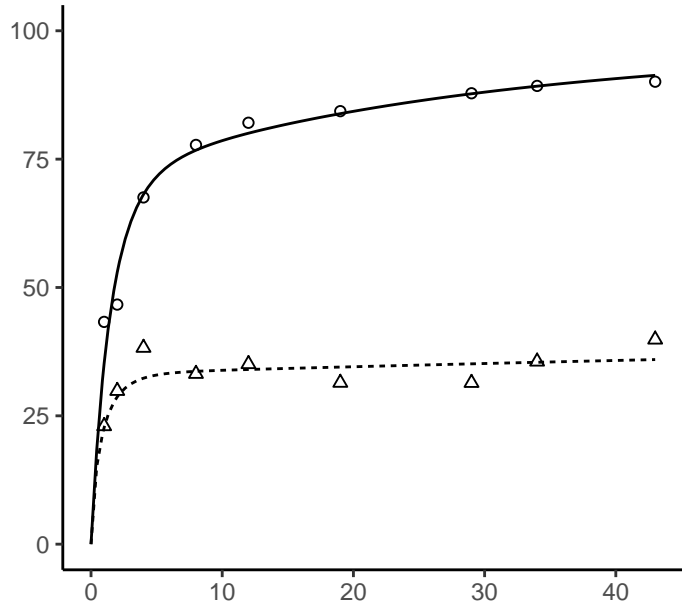
Genus: Oscillibacter  
N = 38



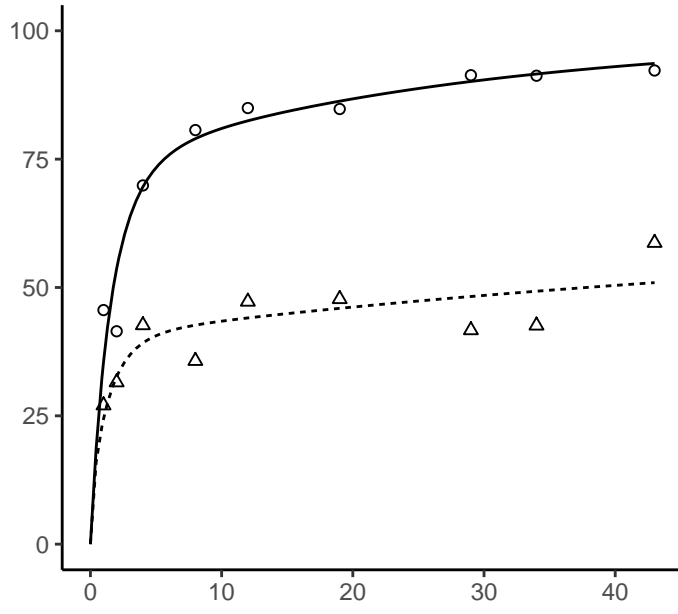
Genus: Clostridium  
N = 16



Genus: Dorea  
N = 17

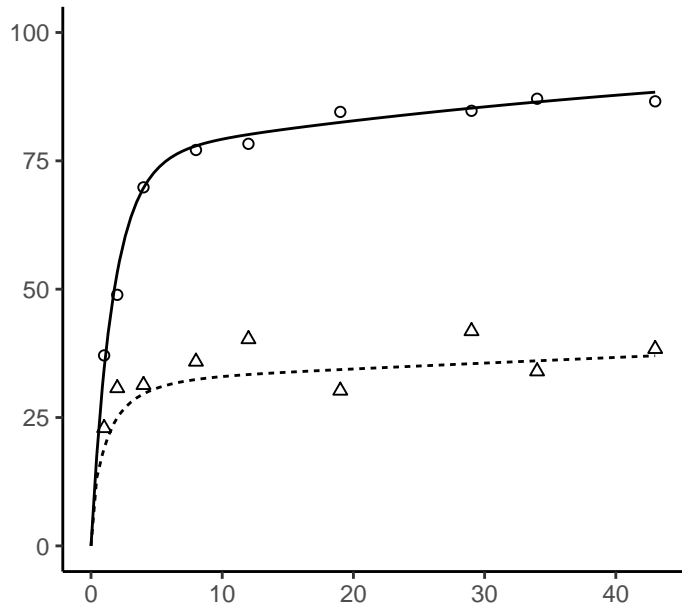


Genus: Lactobacillus  
N = 10

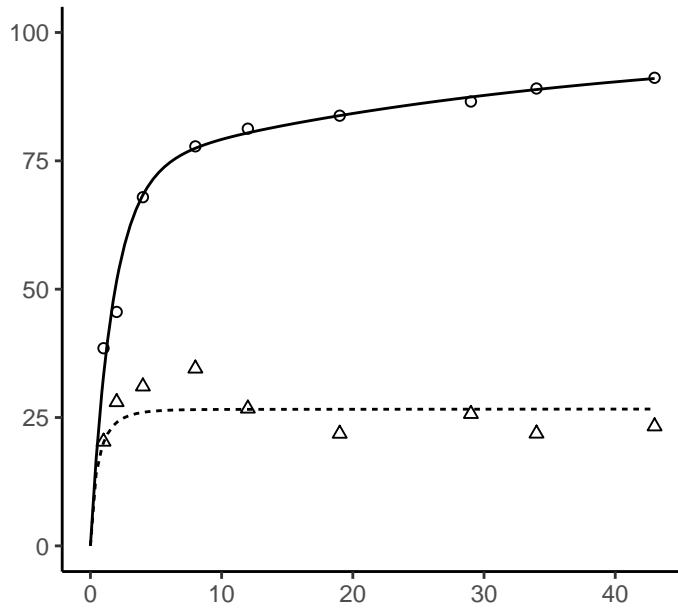


y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

Genus: Ruminococcus  
N = 5



Genus: Anaerotruncus  
N = 6

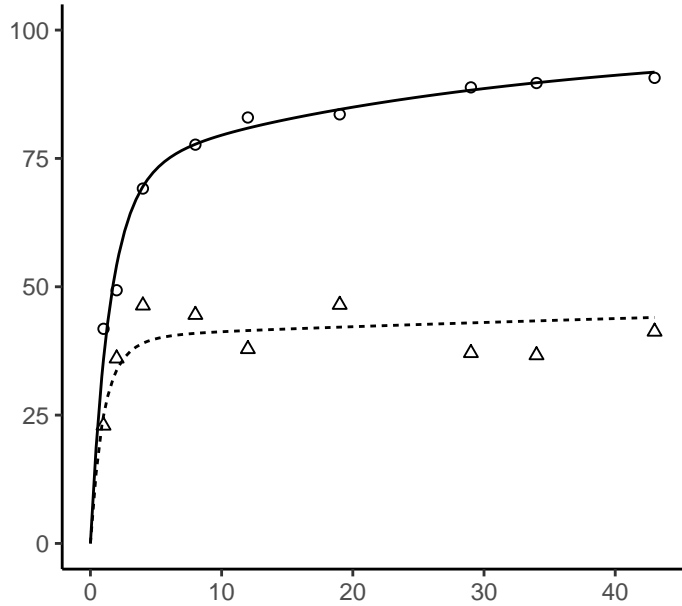
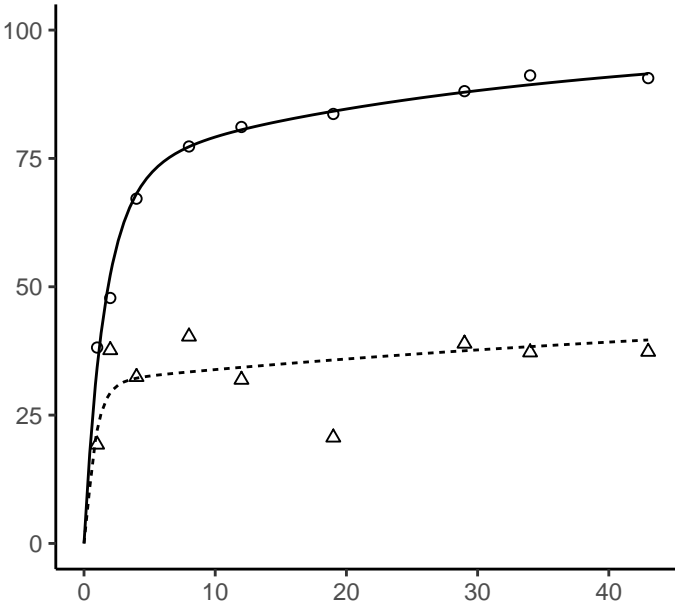


Time (day)



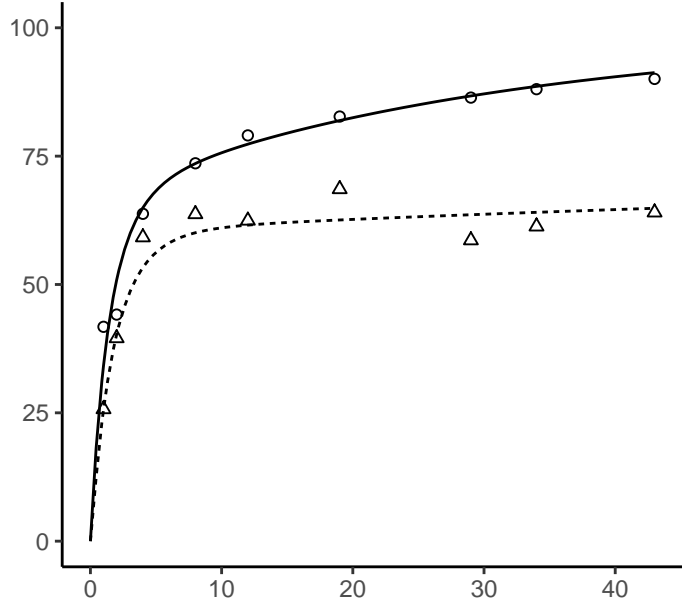
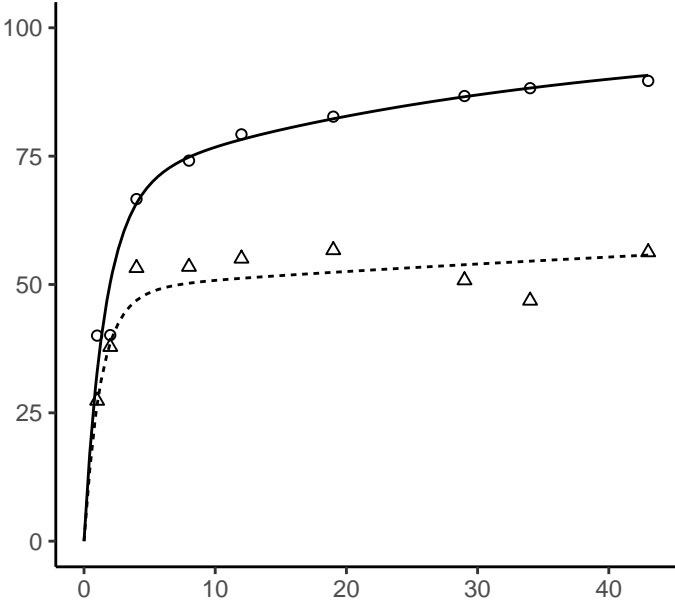
Genus: *Mucispirillum*  
N = 7

Species: *Lachnospiraceae* bacterium 28-4  
N = 14



Species: *Parabacteroides goldsteinii*  
N = 78

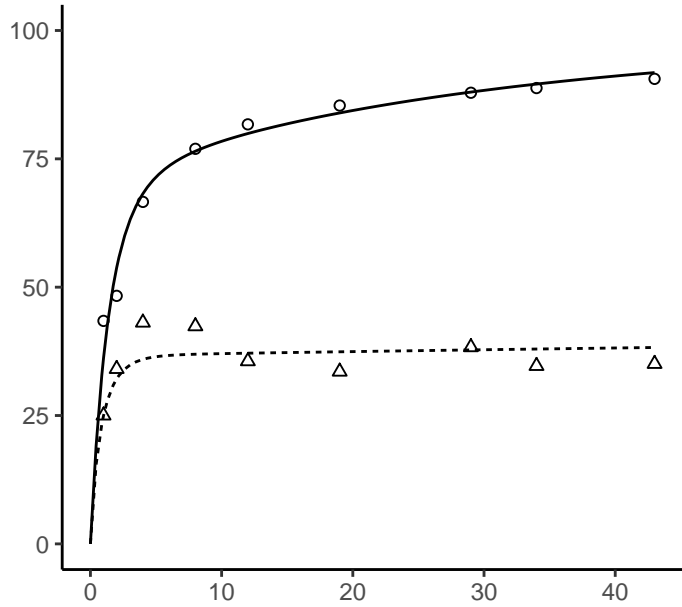
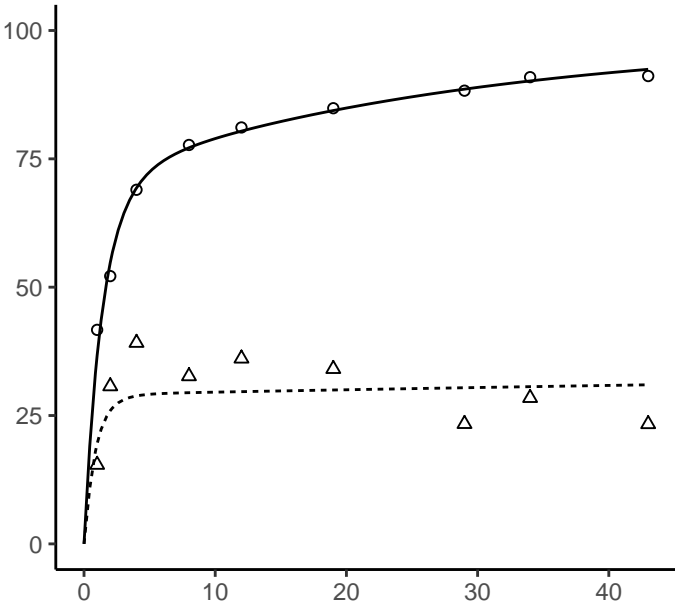
Species: *Mus musculus*  
N = 95



y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

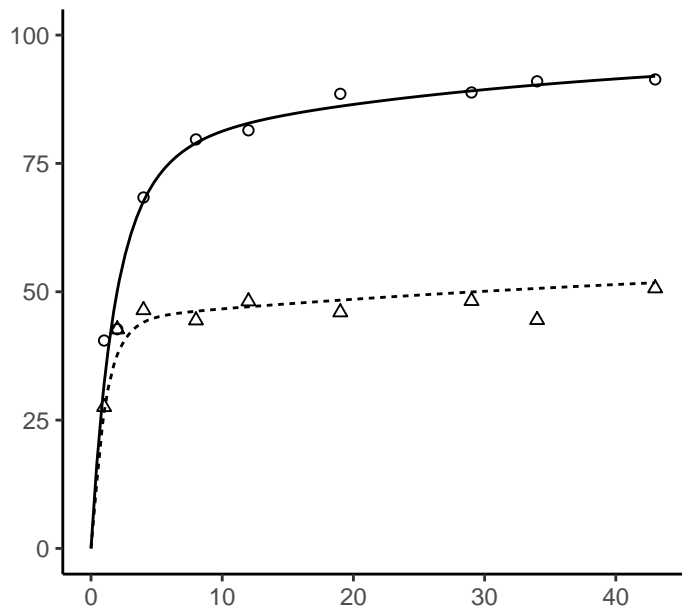
Species: *Eubacterium plexicaudatum*  
N = 13

Species: *Oscillibacter* sp. 1-3  
N = 26

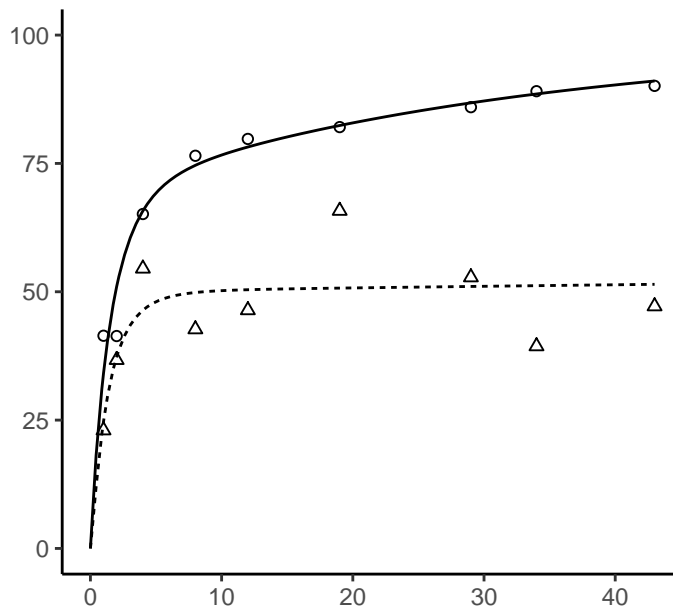


Time (day)

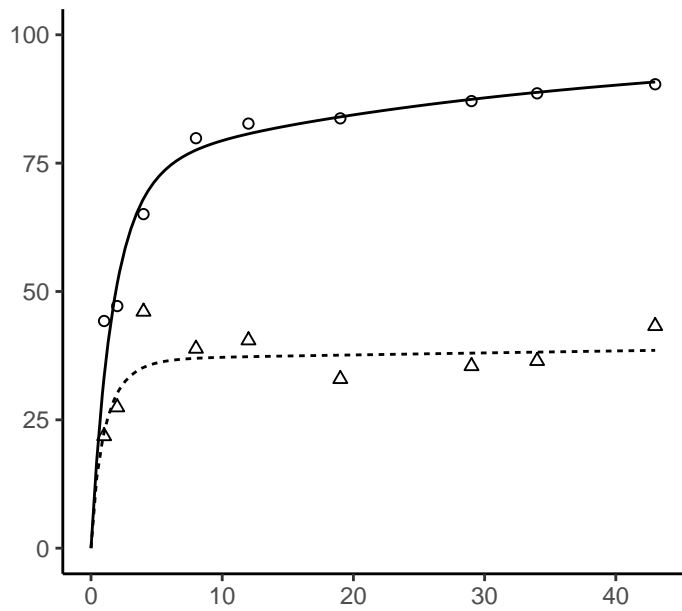
Species: *Lachnospiraceae* bacterium M18-1  
N = 4



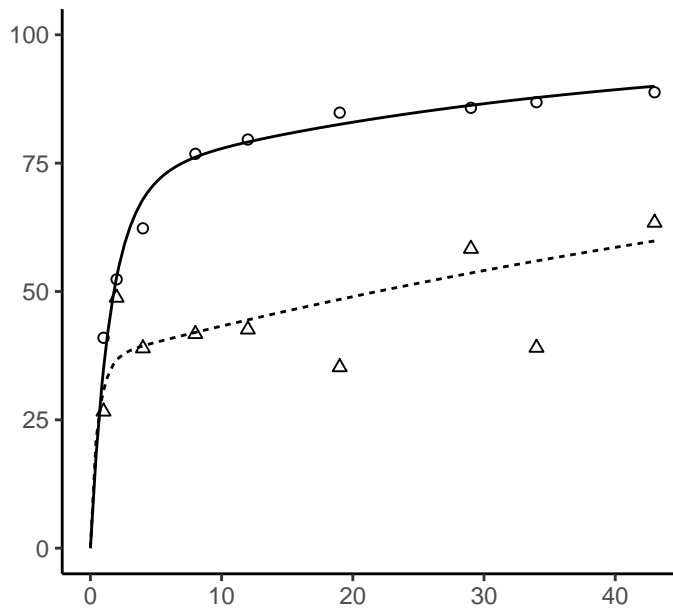
Species: *Bacteroides vulgatus*  
N = 16



Species: *Dorea* sp. 5-2  
N = 9

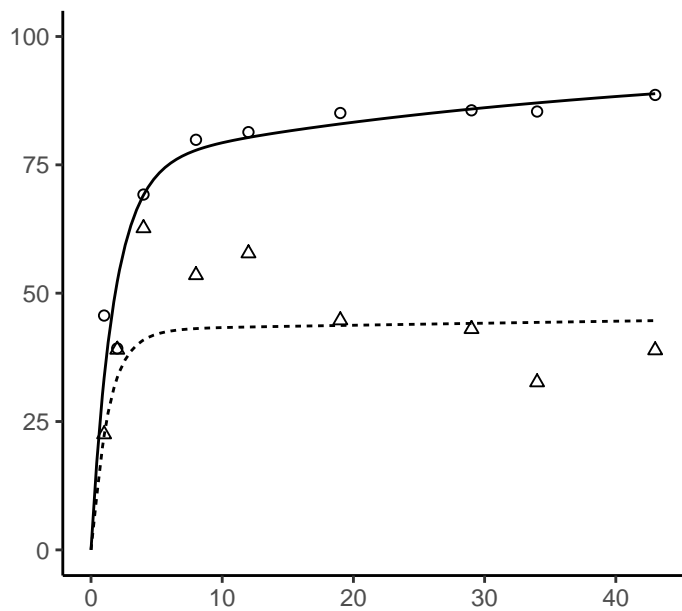


Species: *Akkermansia muciniphila*  
N = 4

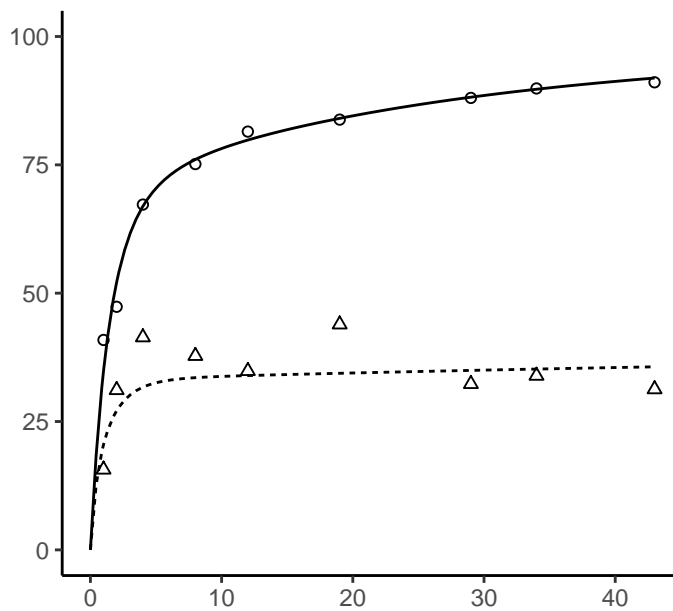


y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

Species: *Lachnospiraceae* bacterium A2  
N = 4

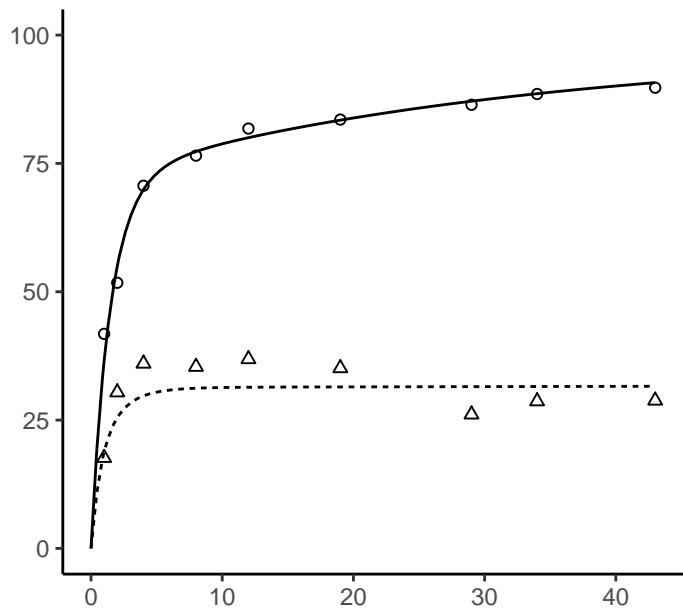


Species: *Lachnospiraceae* bacterium A4  
N = 16

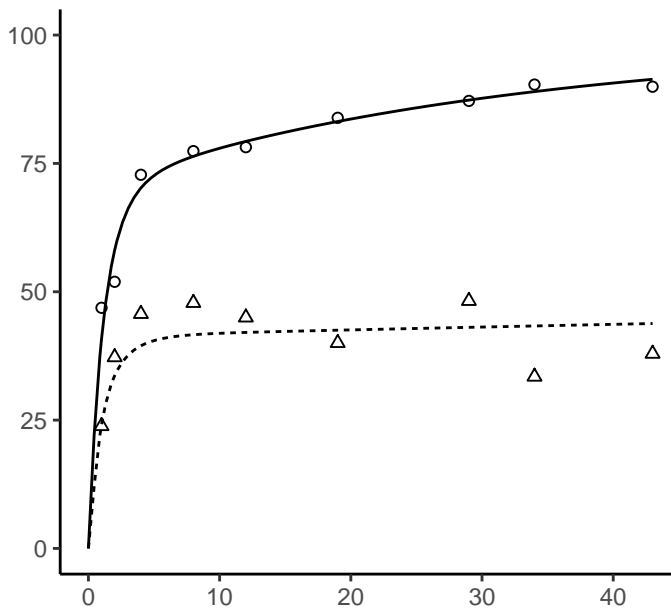


Time (day)

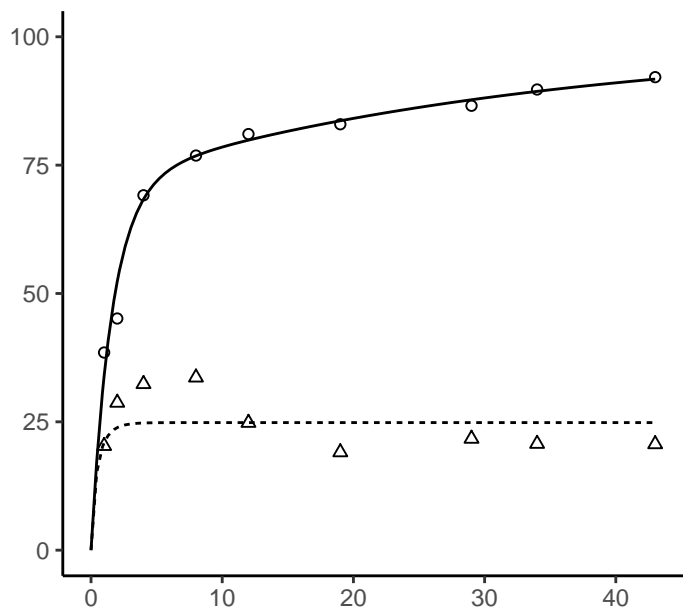
Species: *Lachnospiraceae* bacterium 10-1  
N = 17



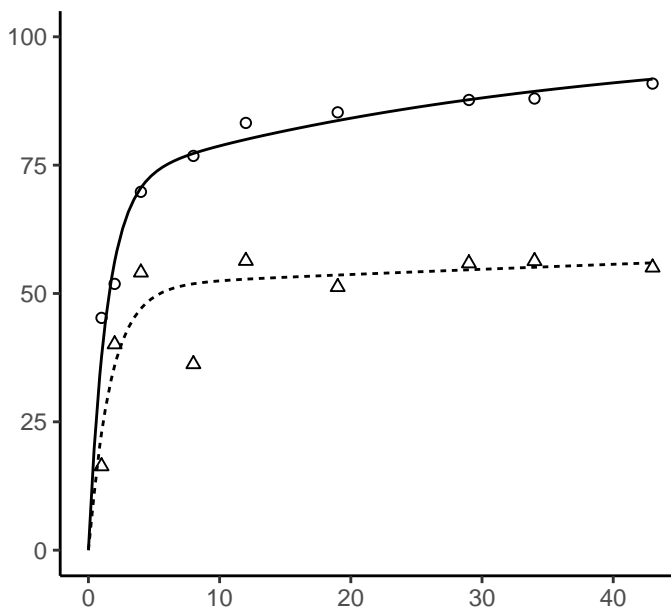
Species: *Firmicutes* bacterium ASF500  
N = 12



Species: *Anaerotruncus* sp. G3(2012)  
N = 5

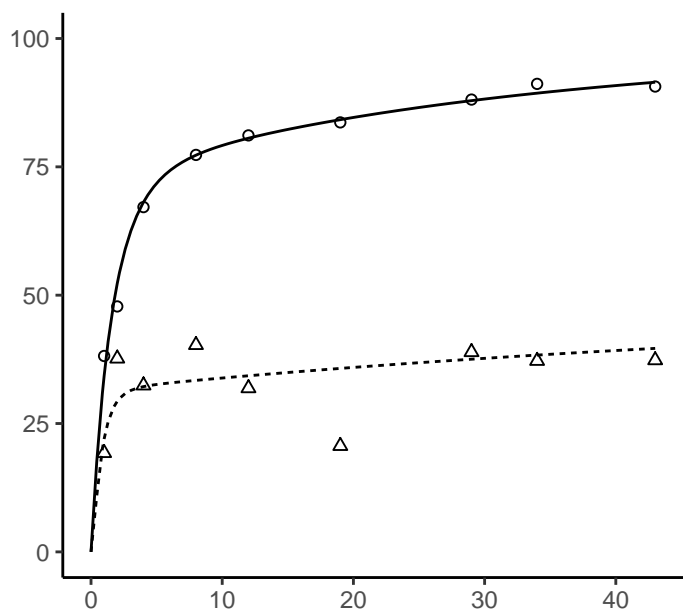


Species: *Clostridium* sp. ASF502  
N = 5



y-axis  
—○— Heavy RIA (%)  
-△- LR (%)

Species: *Mucispirillum* *schaedleri*  
N = 7



Time (day)