

Questions

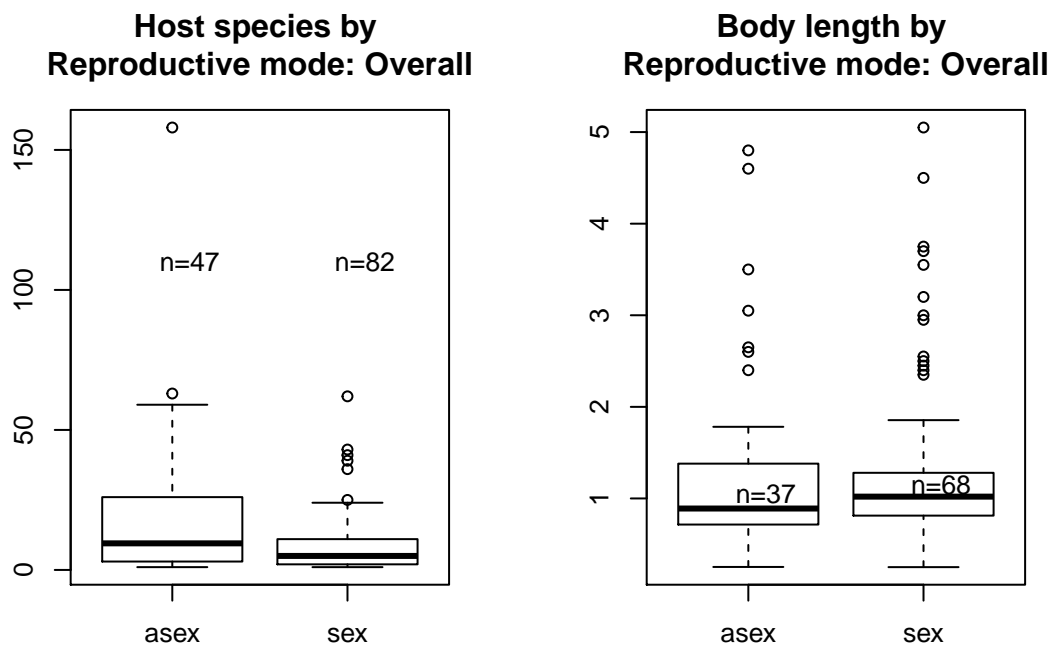
Cyril Matthey-Doret

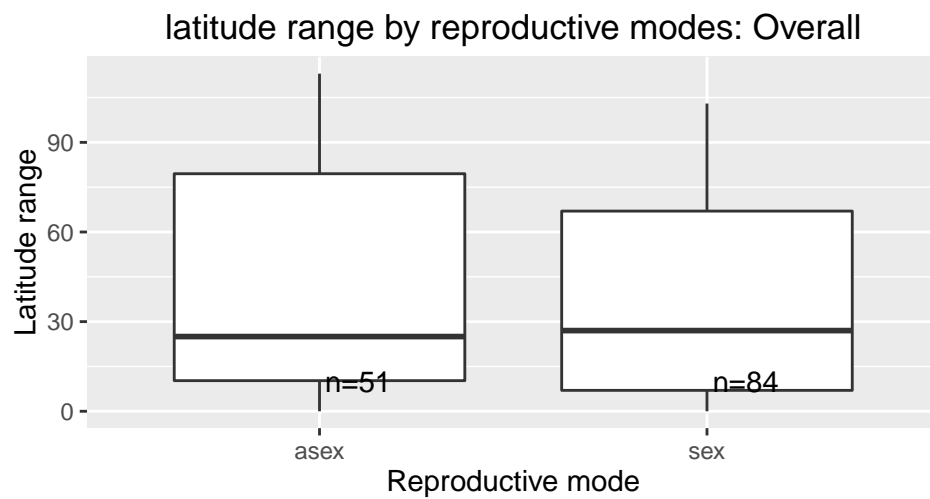
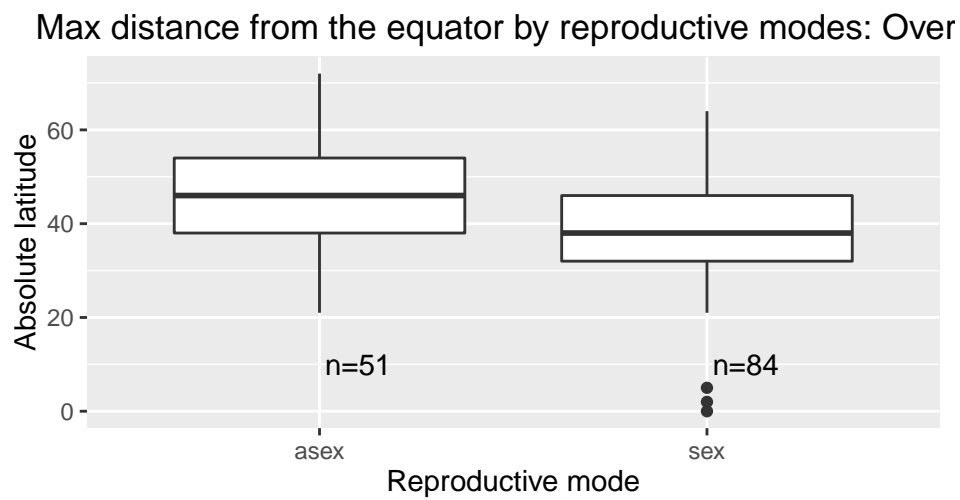
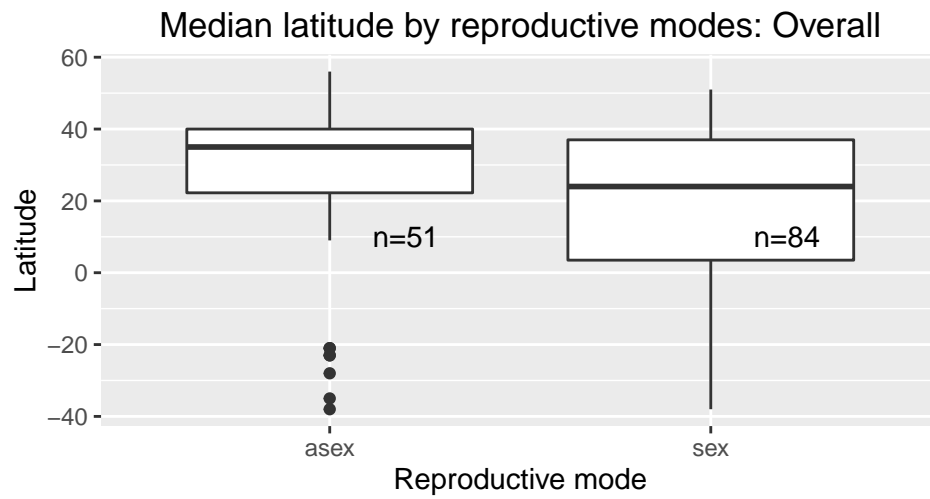
August 17, 2016

Research Questions

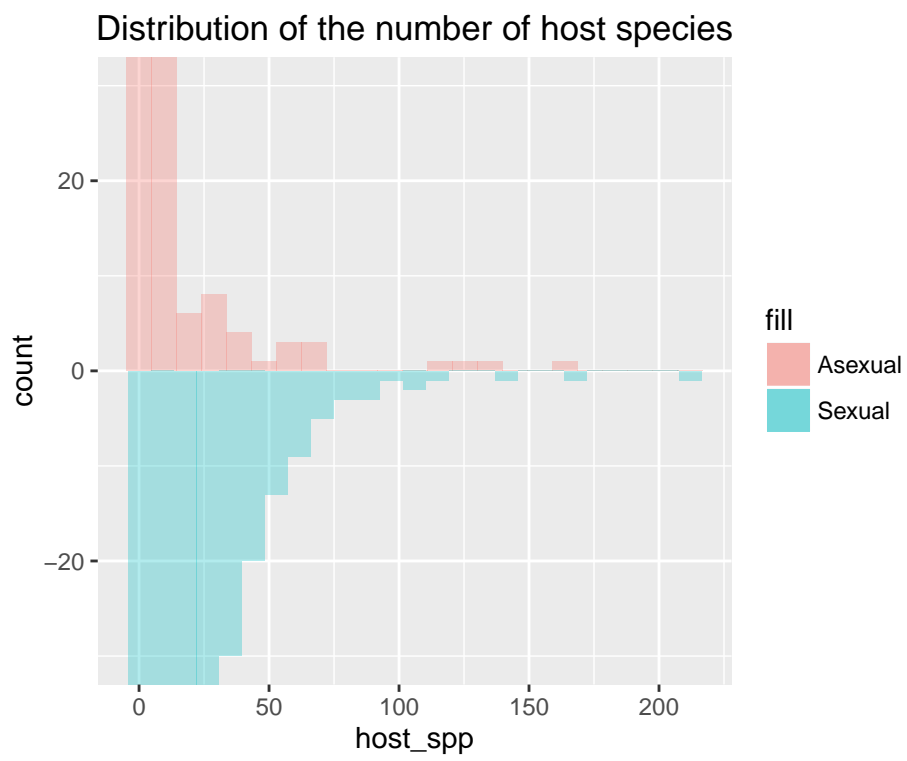
1. Does reproductive mode affect variables on an overall scale?
(Manual + Digitalized)

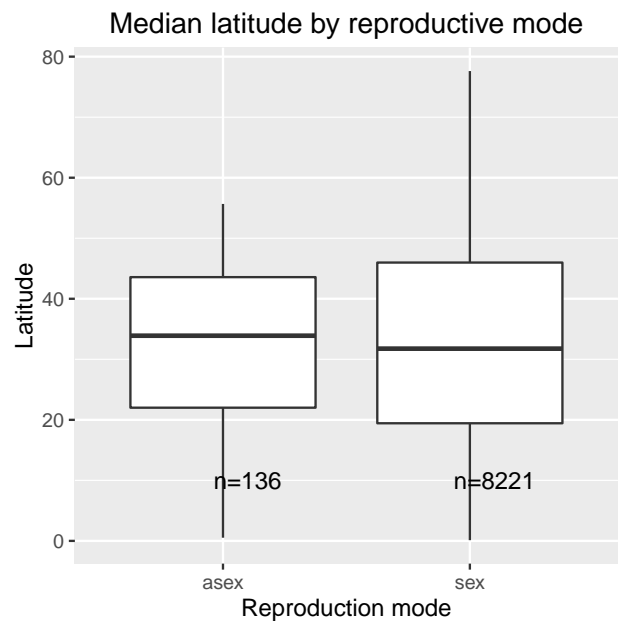
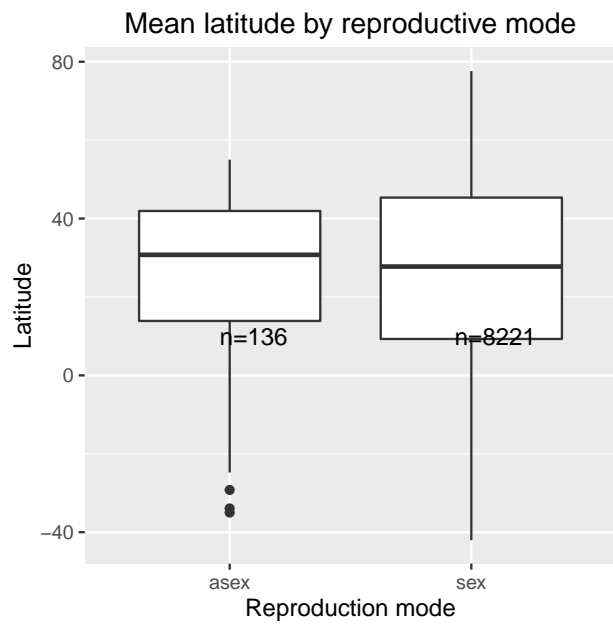
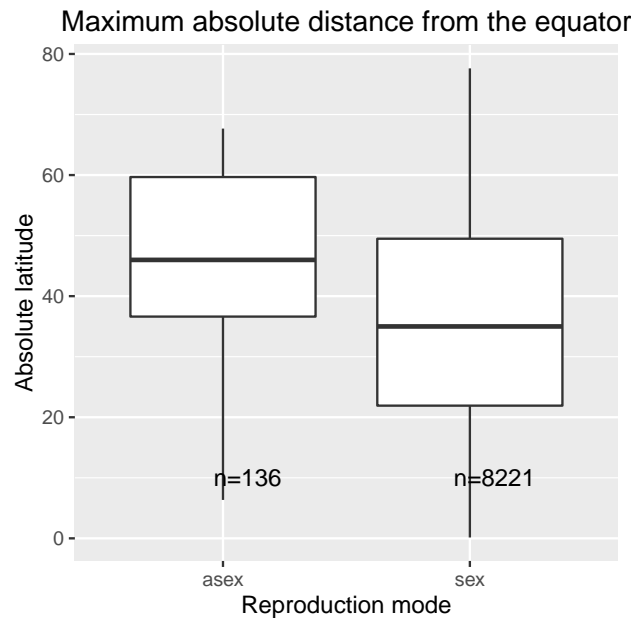
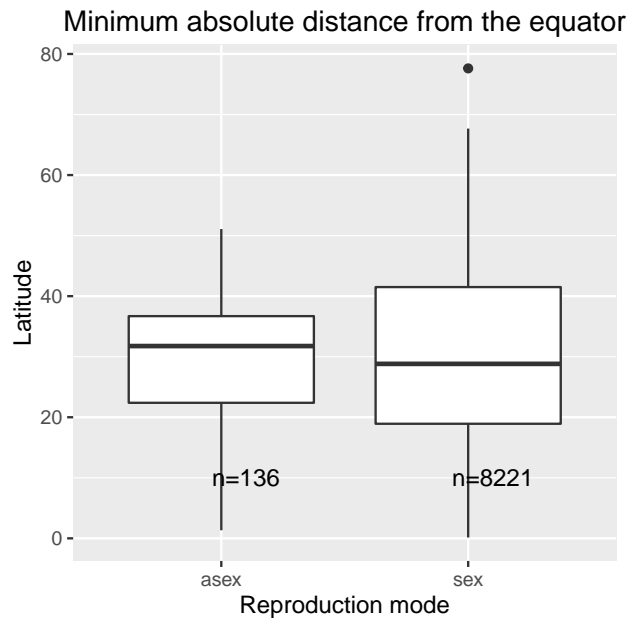
From manual dataset:





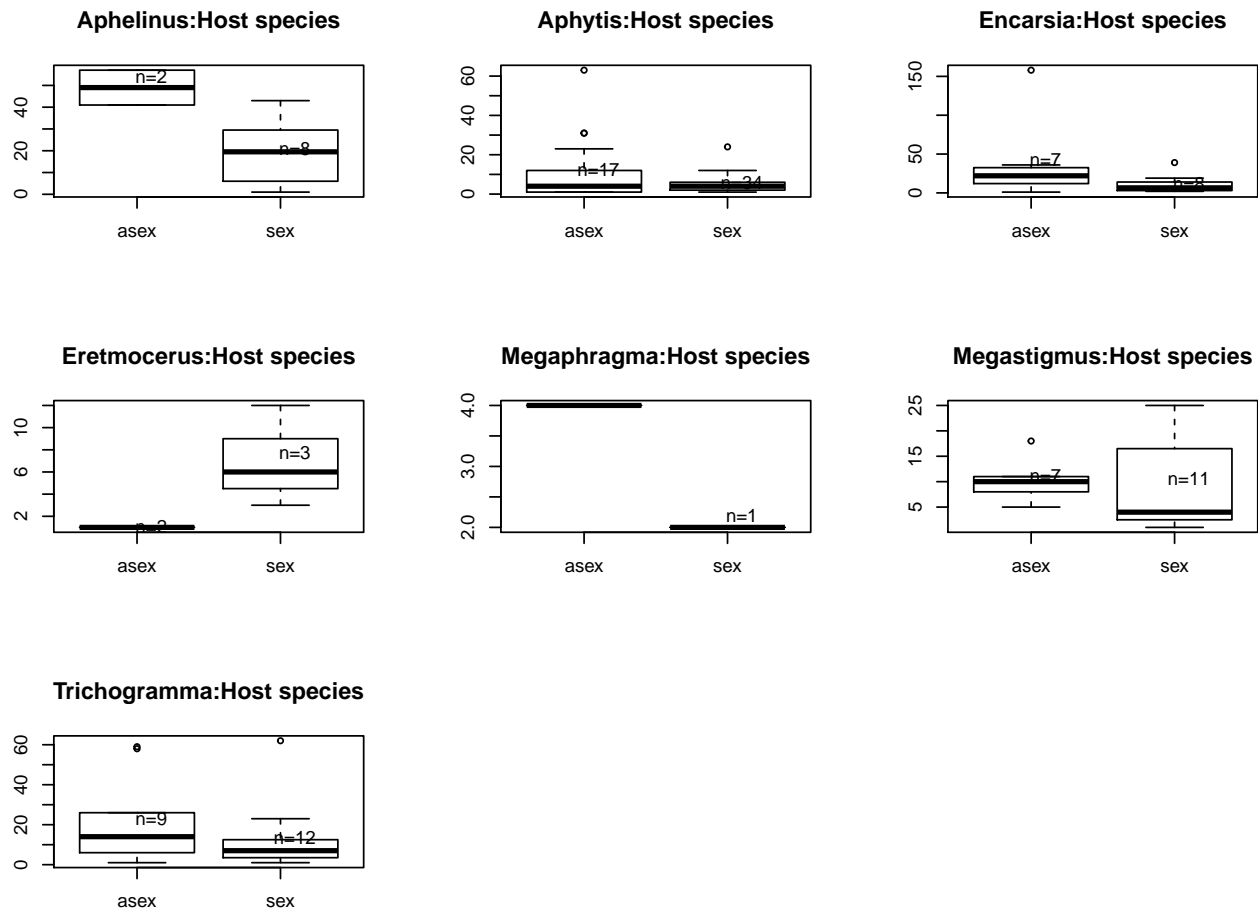
From digitalized dataset:



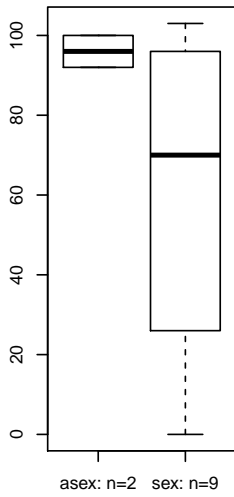


2. Does reproductive mode affect variables within genera? (Manual + Digitalized)

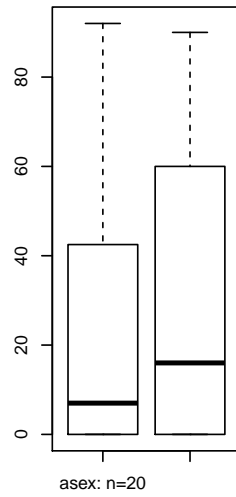
From manual dataset:



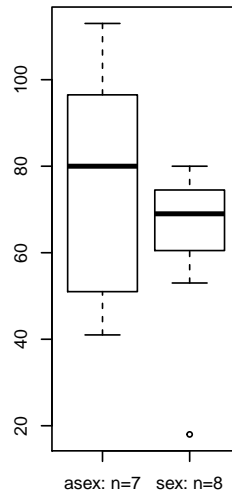
Aphelinus:Latitude range



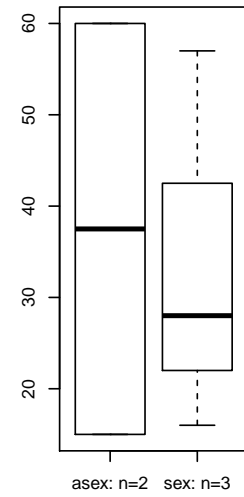
Aphytis:Latitude range



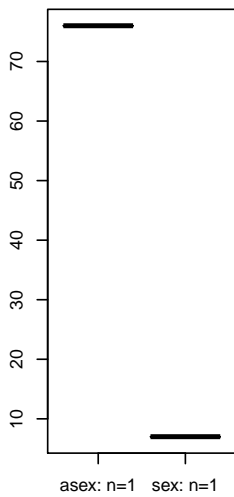
Encarsia:Latitude range



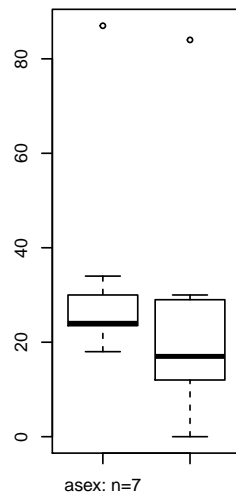
Eretmocerus:Latitude range



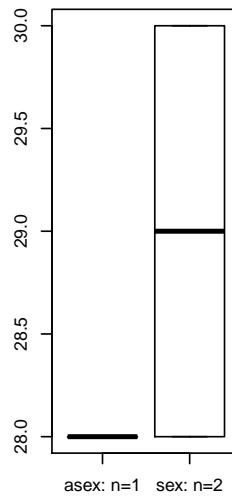
Megaphragma:Latitude rang



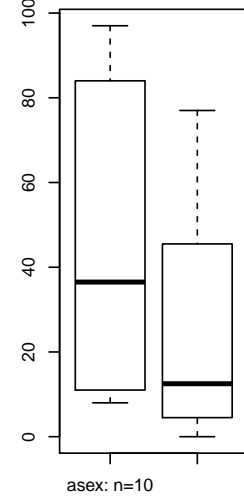
Megastigma:Latitude rang



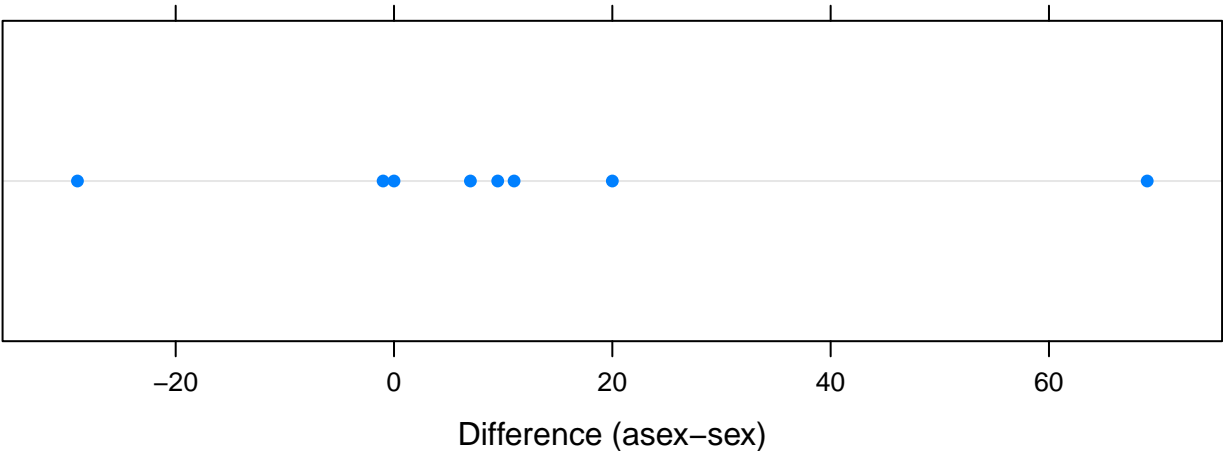
Torymus:Latitude range



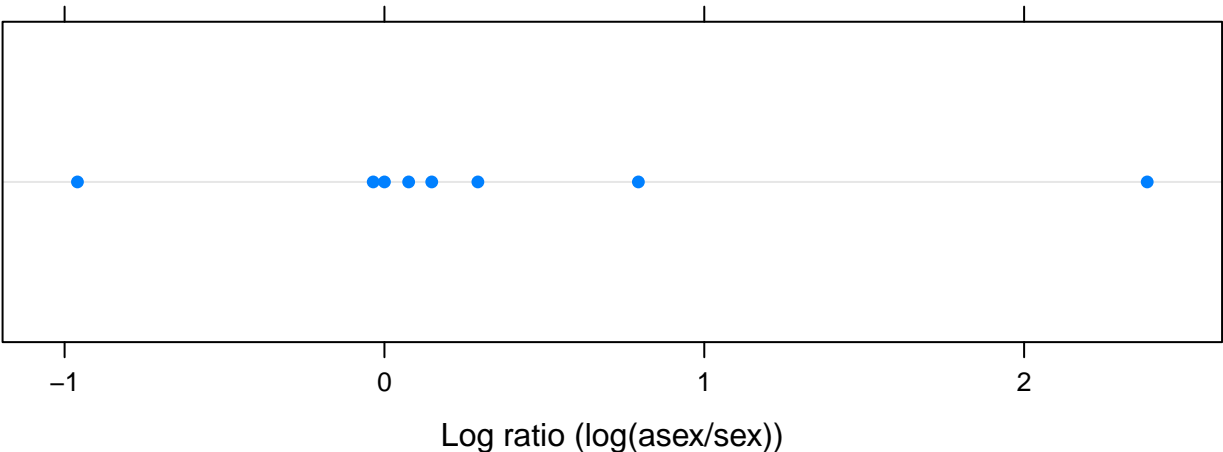
Trichogramma:Latitude rang



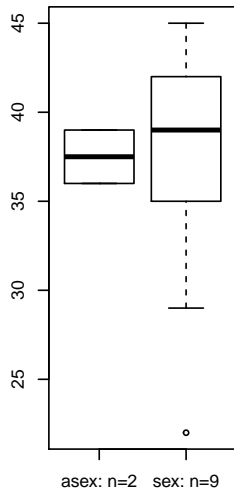
Difference of latitude range between asex and sex per genus



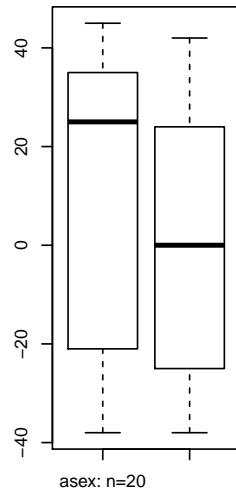
Log ratio of latitude ranges between asex and sex per genus



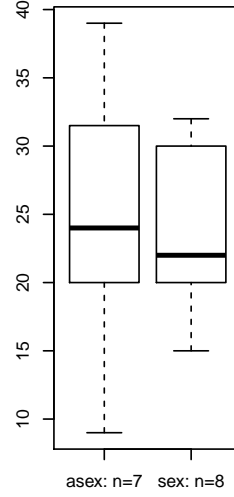
Aphelinus:Median latitude



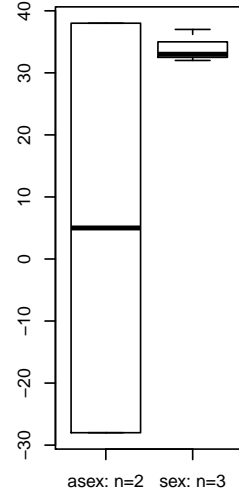
Aphytis:Median latitude



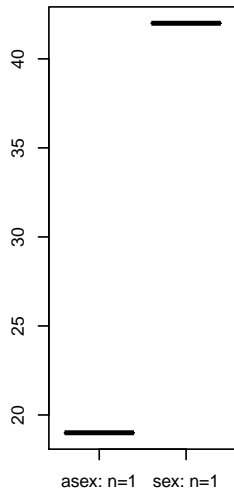
Encarsia:Median latitude



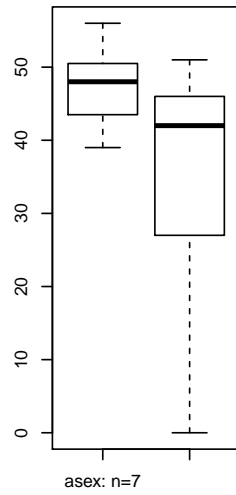
Eretmocerus:Median latitude



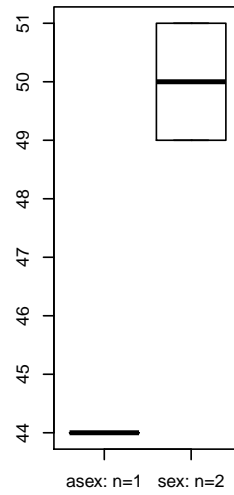
Megaphragma:Median latitude



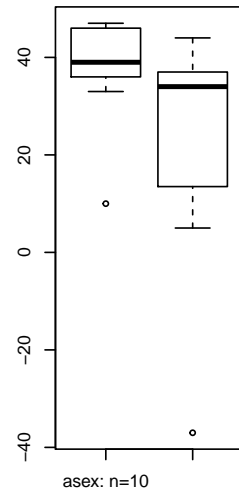
Megastigmus:Median latitude



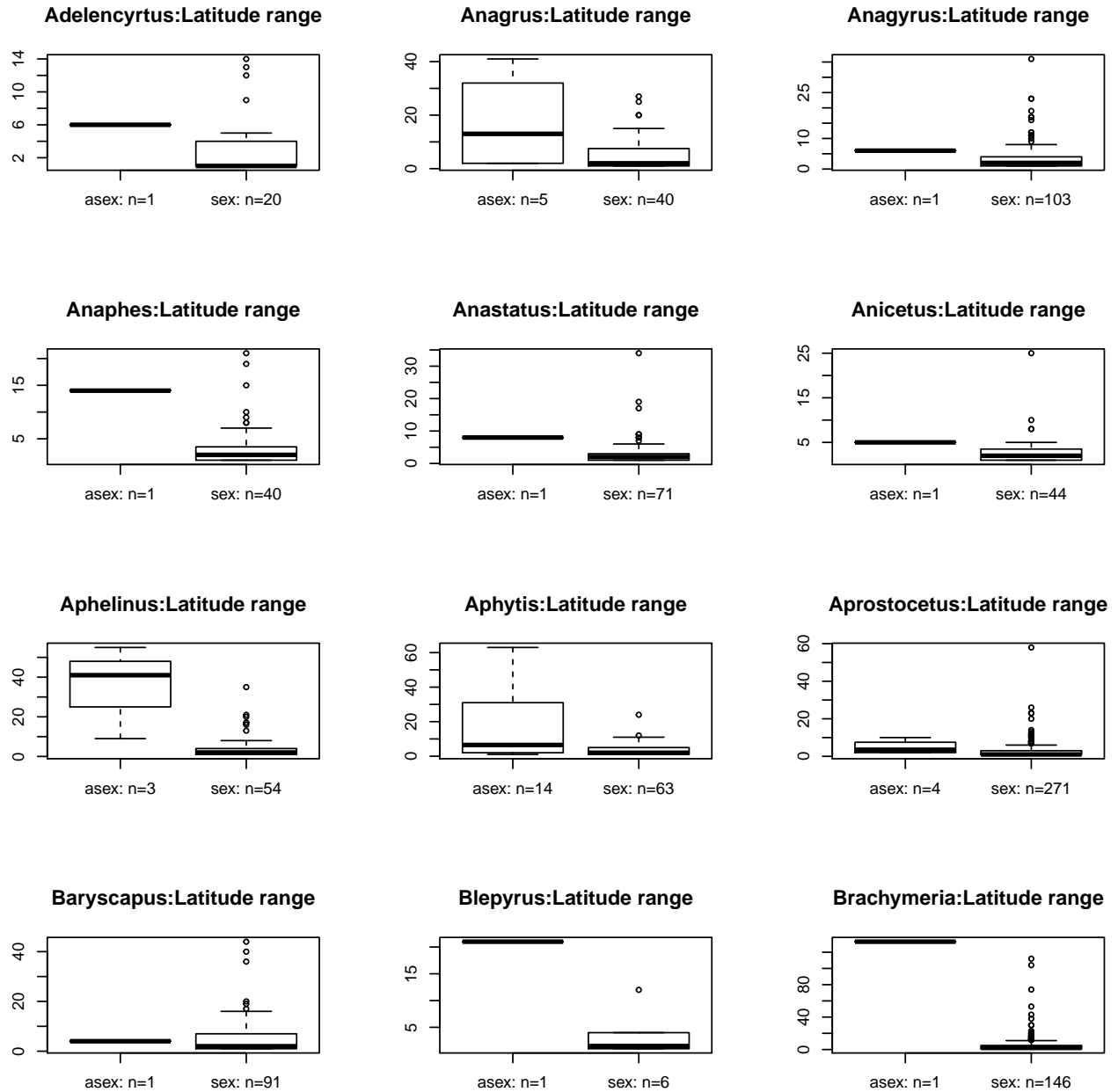
Torymus:Median latitude

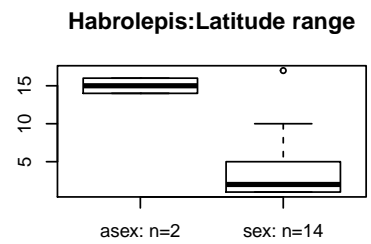
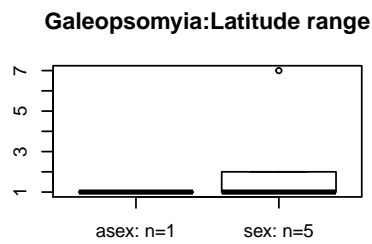
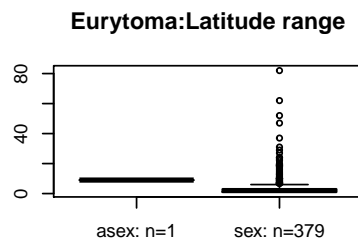
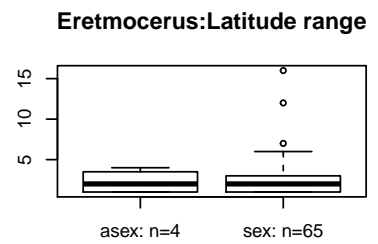
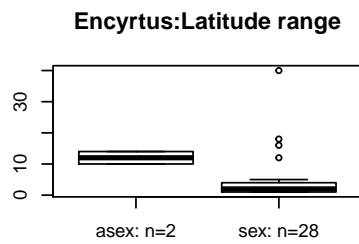
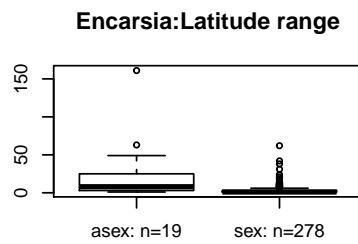
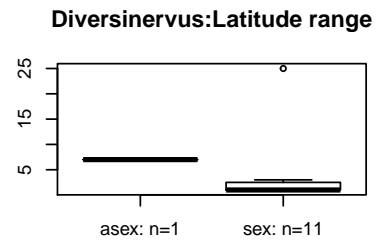
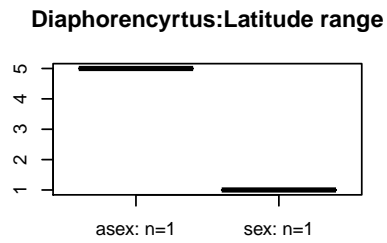
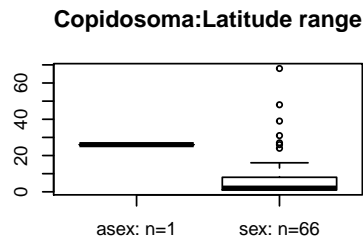
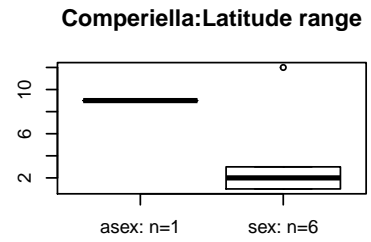
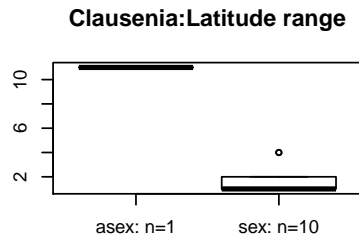
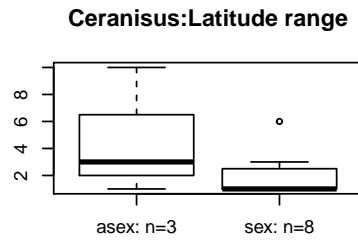


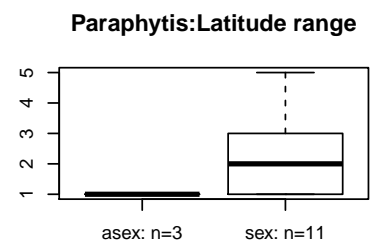
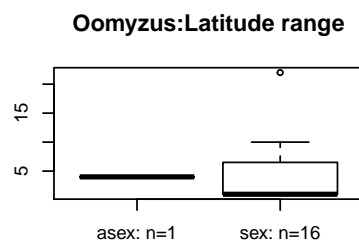
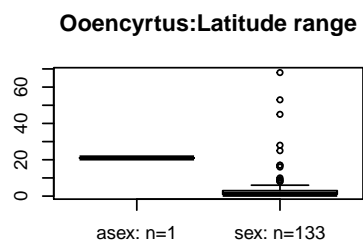
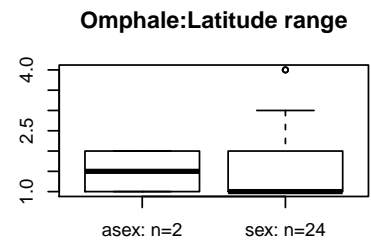
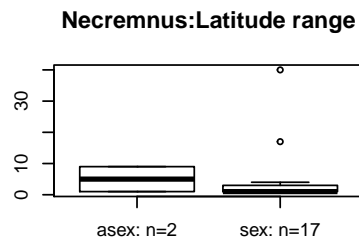
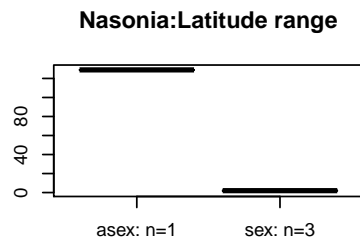
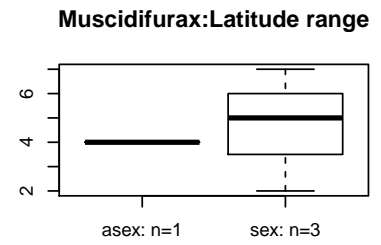
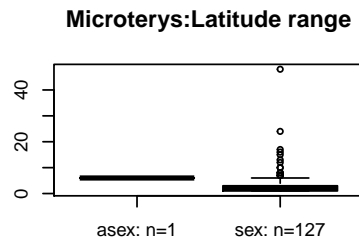
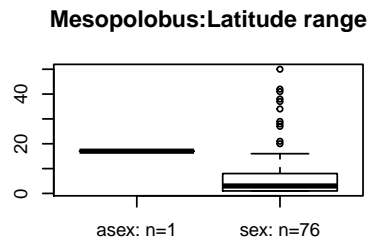
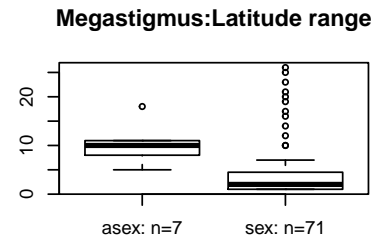
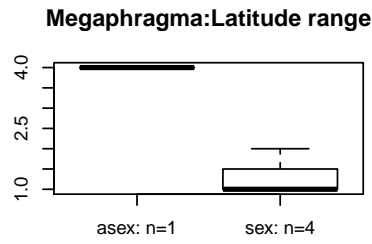
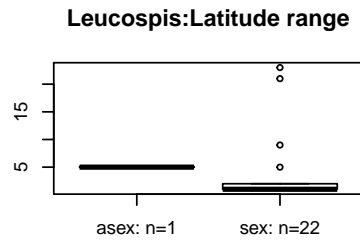
Trichogramma:Median latitude

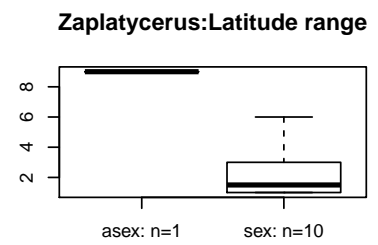
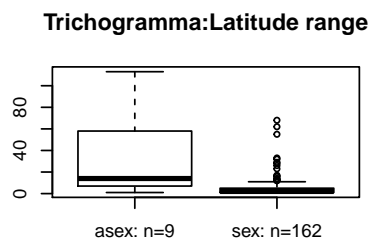
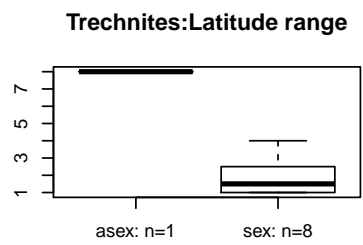
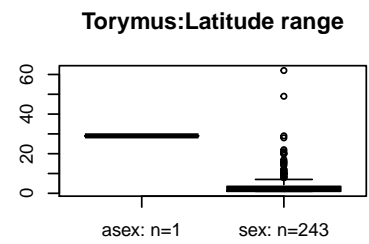
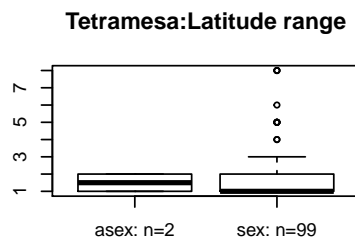
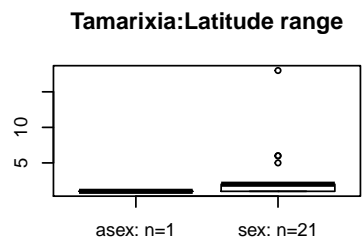
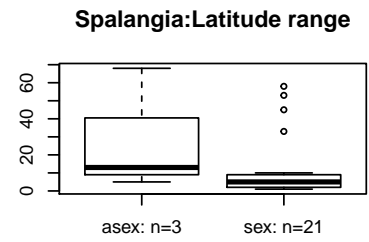
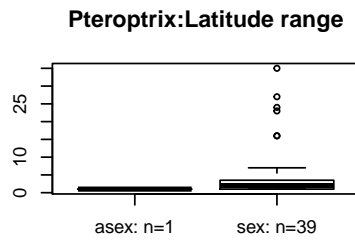
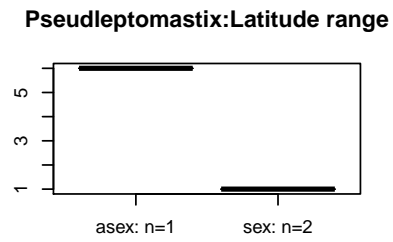
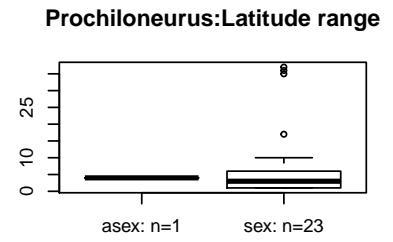
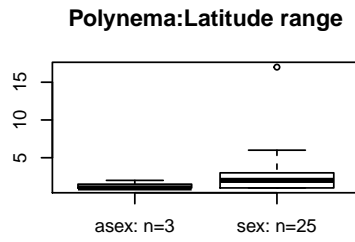
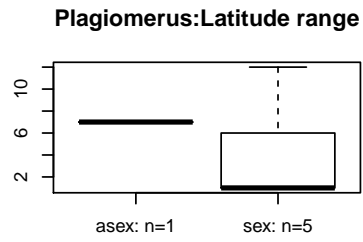


From digitalized dataset:

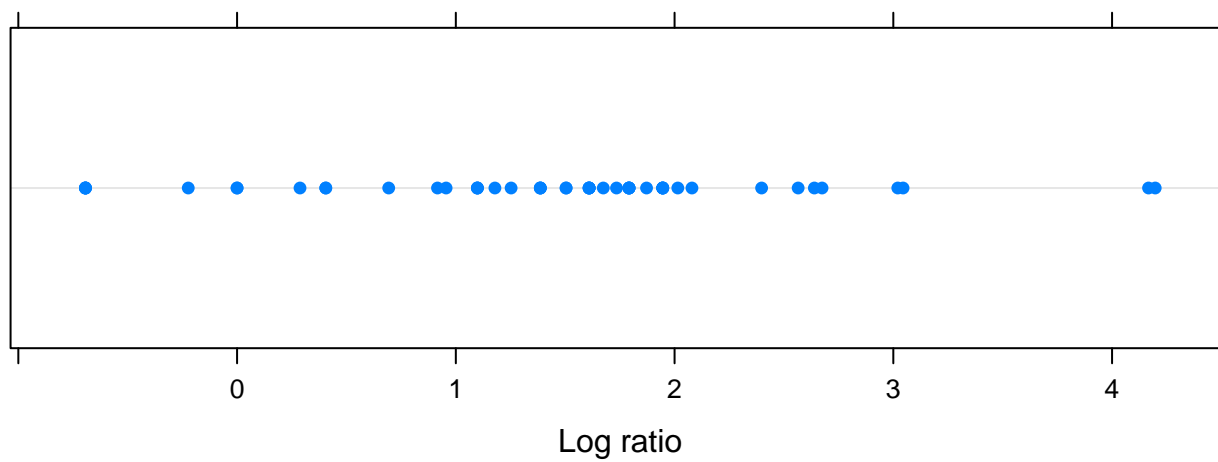




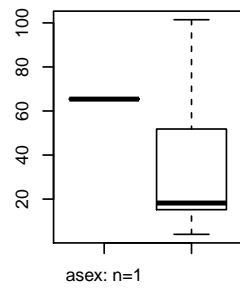




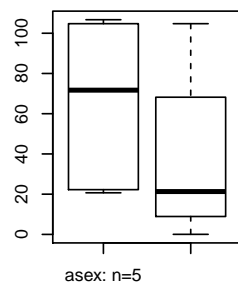
Log ratio (asex/sex) per genus of number of host species



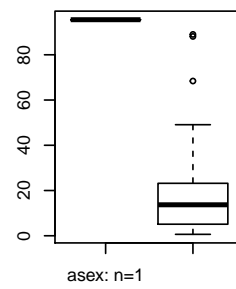
Adelencyrtus:Latitude rang



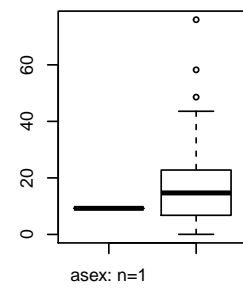
Anagrus:Latitude range



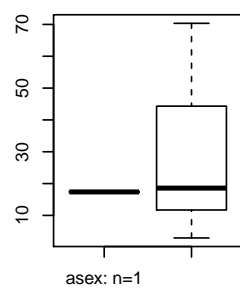
Anaphes:Latitude range



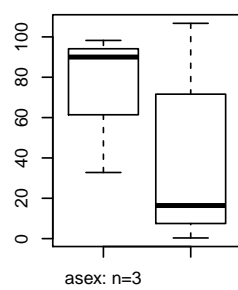
Anastatus:Latitude range



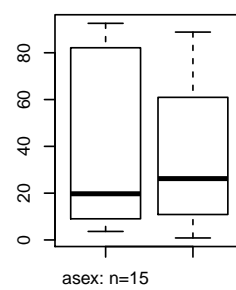
Anicetus:Latitude range



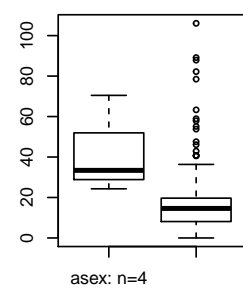
Aphelinus:Latitude range



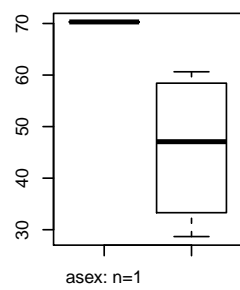
Aphytis:Latitude range



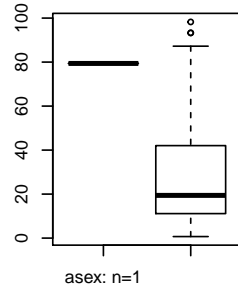
Aprostocetus:Latitude rang



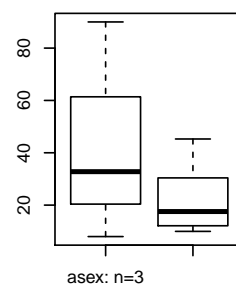
Blepyrus:Latitude range



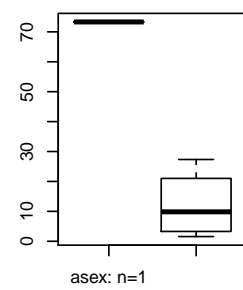
Brachymeria:Latitude rang

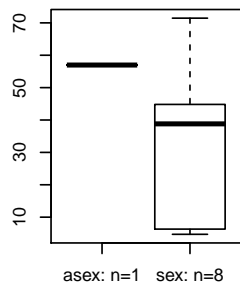
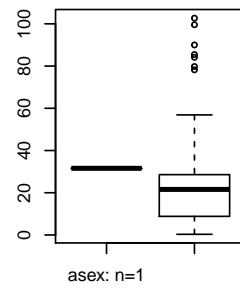
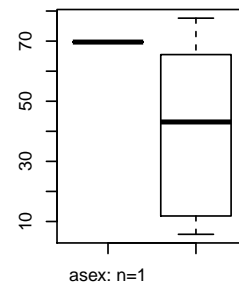
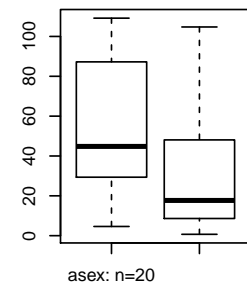
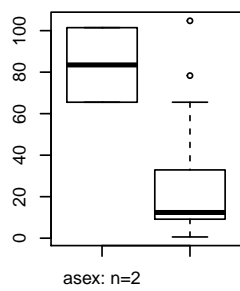
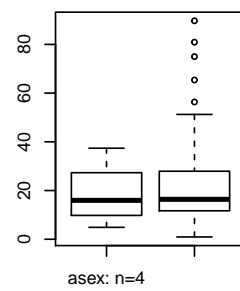
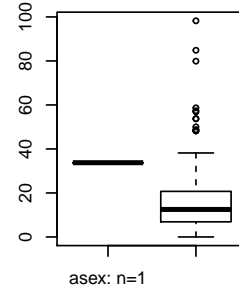
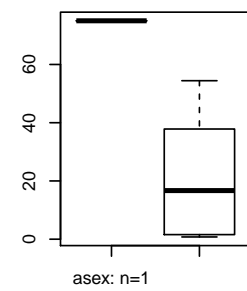
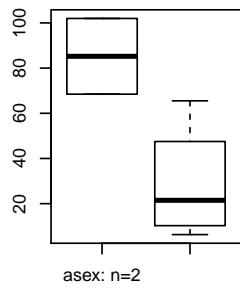
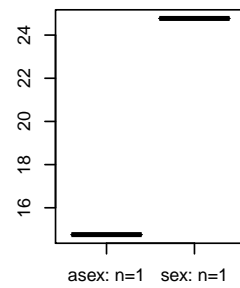
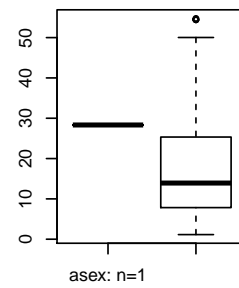
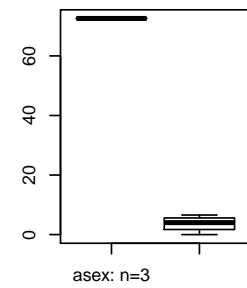


Ceranisus:Latitude range

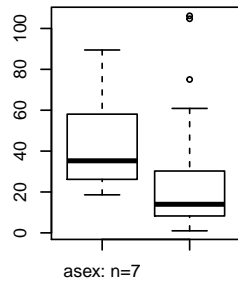


Clausenia:Latitude range

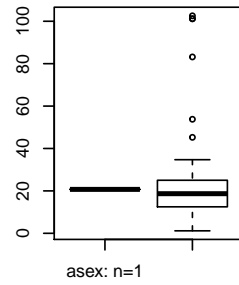


Comperiella:Latitude range**Copidosoma:Latitude range****Diversinervus:Latitude range****Encarsia:Latitude range****Encyrtus:Latitude range****Eretmocerus:Latitude range****Eurytoma:Latitude range****Galeopsomyia:Latitude range****Habrolepis:Latitude range****Holarcticesa:Latitude range****Leucospis:Latitude range****Megaphragma:Latitude range**

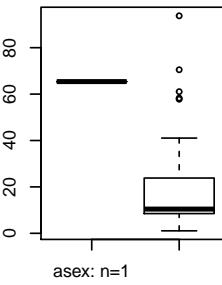
Megastigmus:Latitude rang



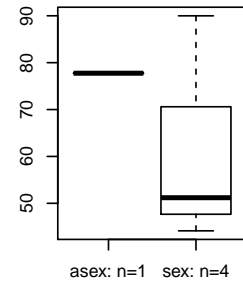
Mesopolobus:Latitude rang



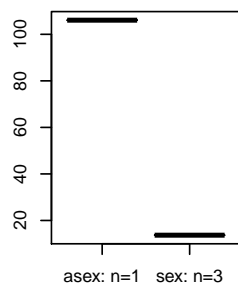
Microterys:Latitude range



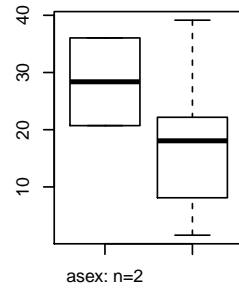
Muscidifurax:Latitude rang



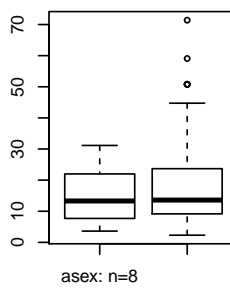
Nasonia:Latitude range



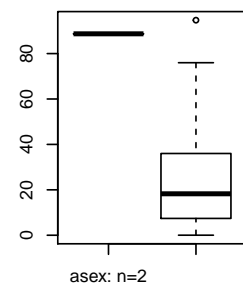
Necremnus:Latitude range



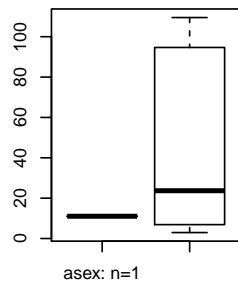
Omphale:Latitude range



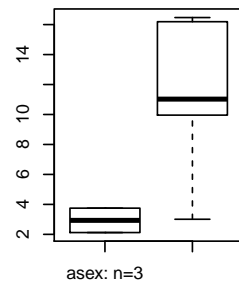
Ooencyrtus:Latitude range



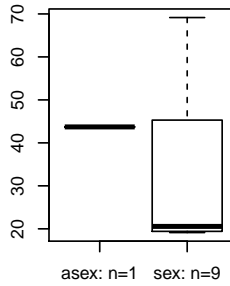
Oomyzus:Latitude range



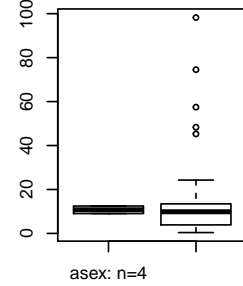
Paraphytis:Latitude range



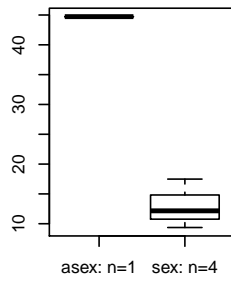
Plagiomerus:Latitude range



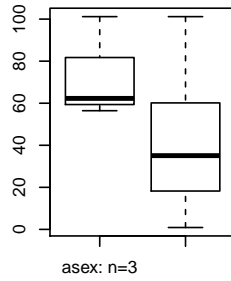
Polynema:Latitude range



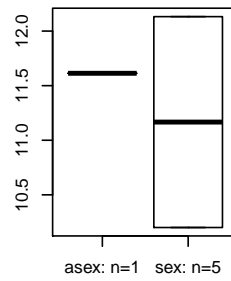
Pseudleptomastix:Latitude range



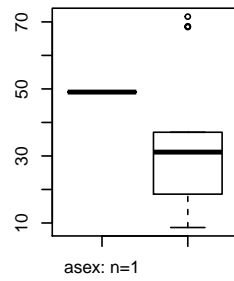
Spalangia:Latitude range



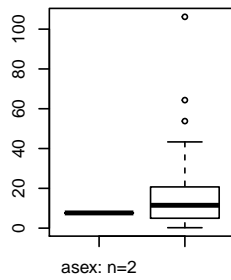
Stephanocampta:Latitude range



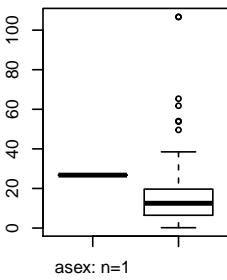
Tamarixia:Latitude range



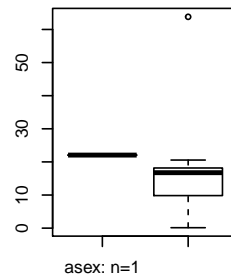
Tetramesa:Latitude range



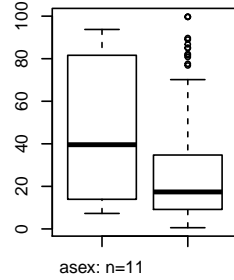
Torymus:Latitude range



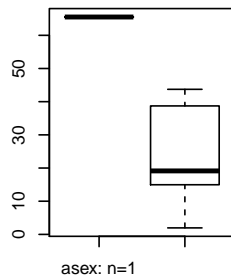
Trechmites:Latitude range



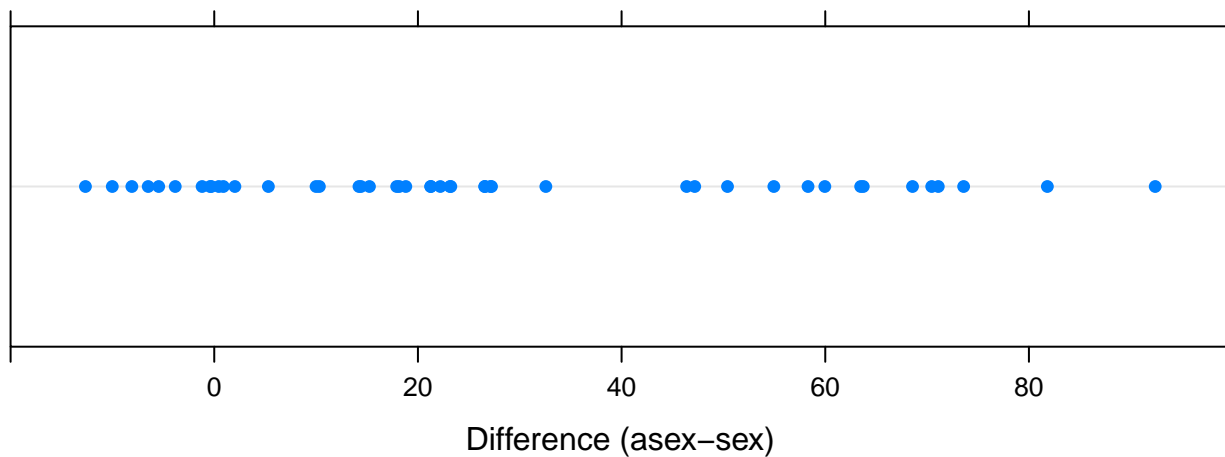
Trichogramma:Latitude range



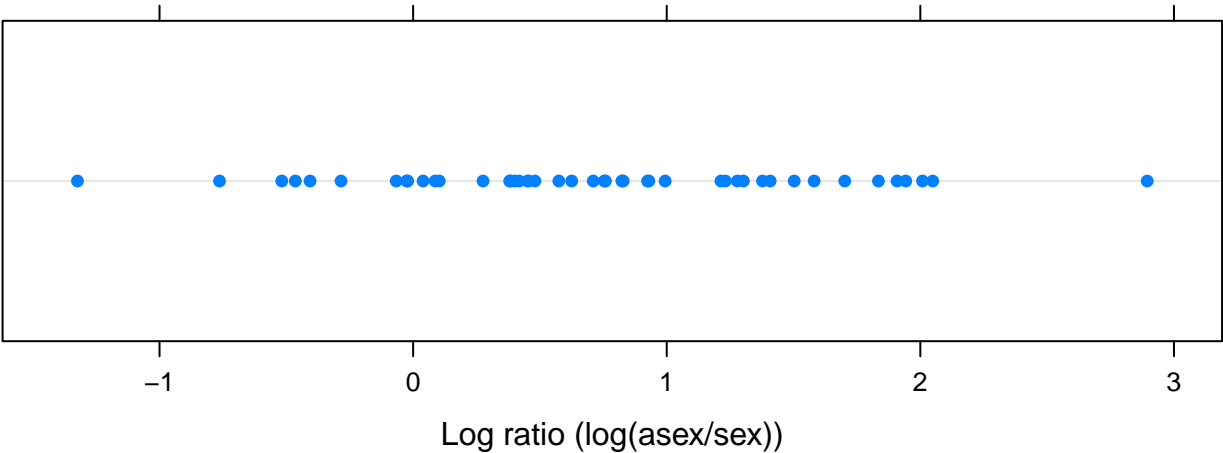
Zaplatycerus:Latitude range



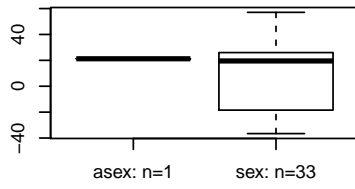
Difference of latitude range between asex and sex per genus



Log ratio of latitude ranges between asex and sex per genus



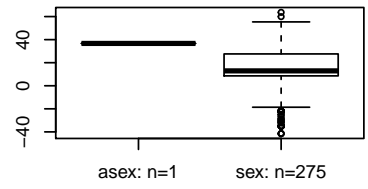
Adelencyrtus:Median latitude



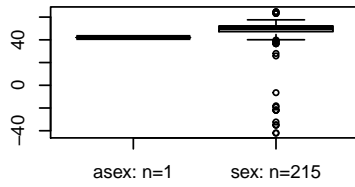
Anagrus:Median latitude



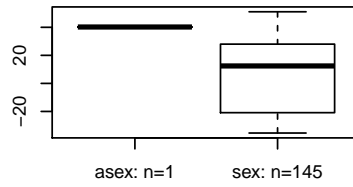
Anagrus:Median latitude



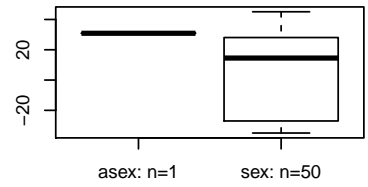
Anaphes:Median latitude



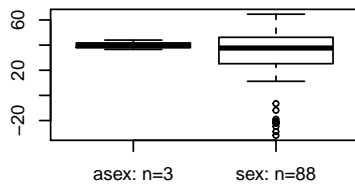
Anastatus:Median latitude



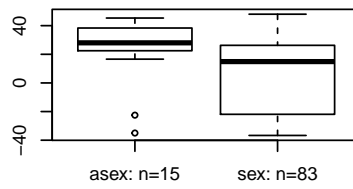
Anicetus:Median latitude



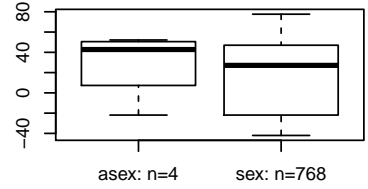
Aphelinus:Median latitude



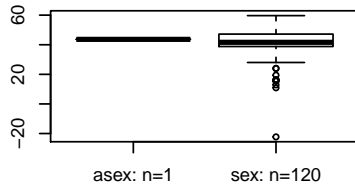
Aphytis:Median latitude



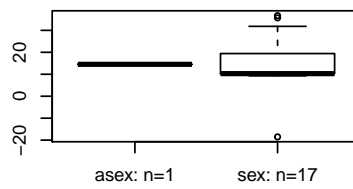
Aprostocetus:Median latitude



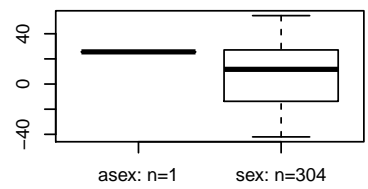
Baryscapus:Median latitude

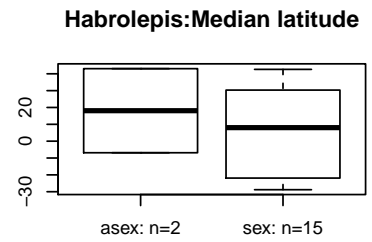
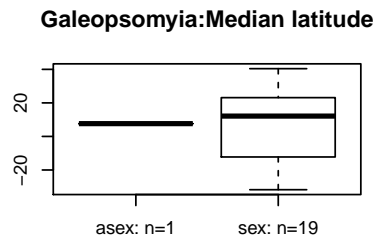
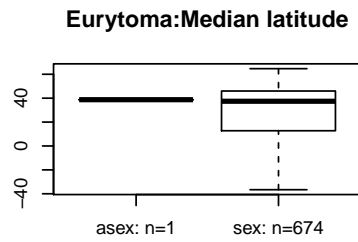
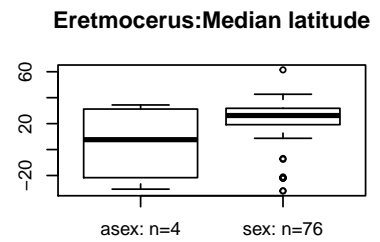
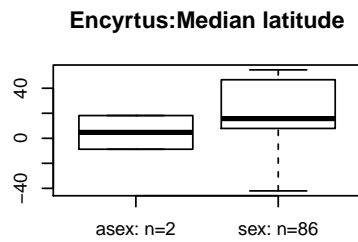
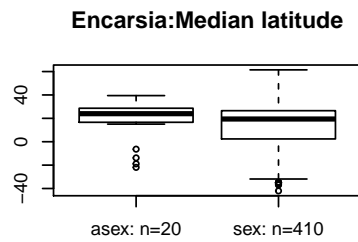
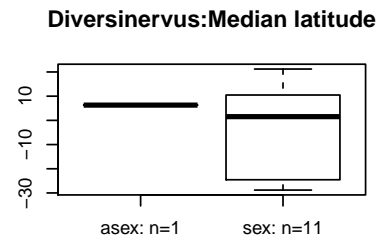
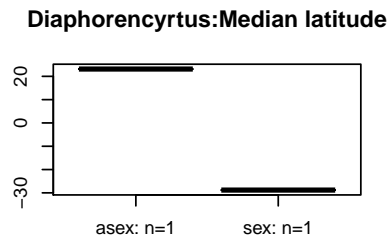
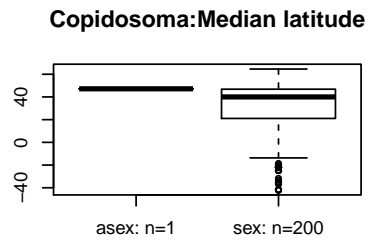
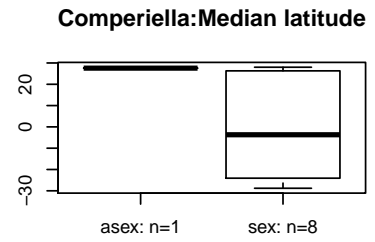
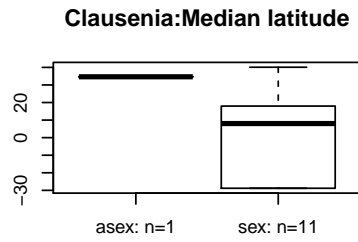
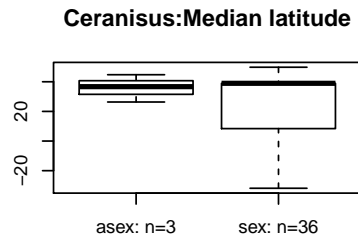


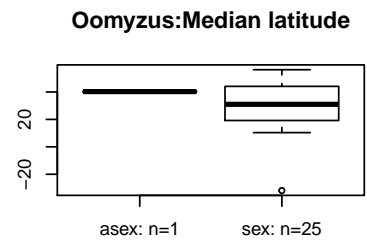
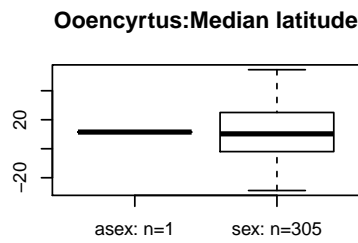
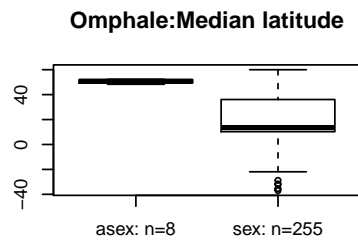
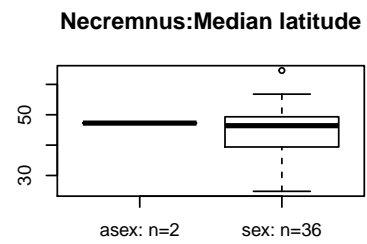
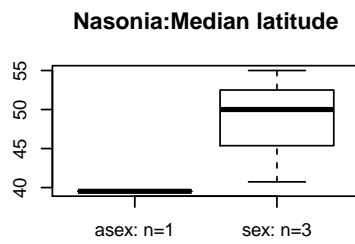
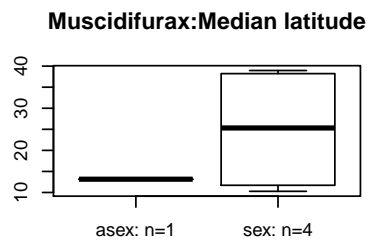
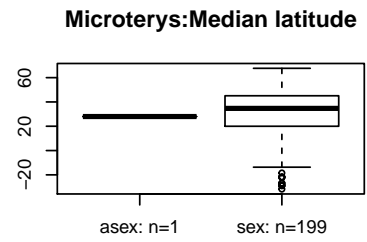
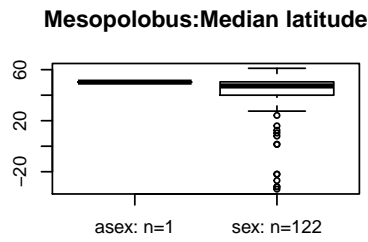
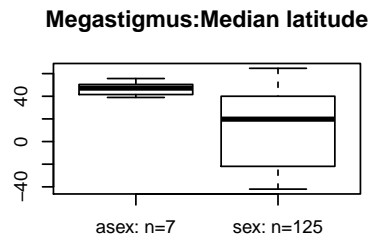
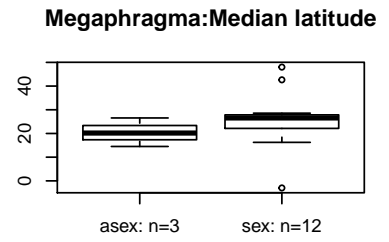
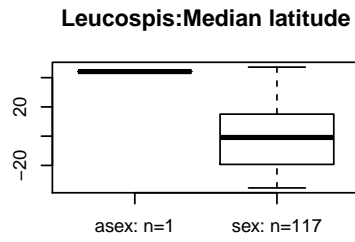
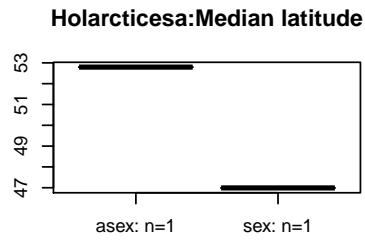
Blepyrus:Median latitude

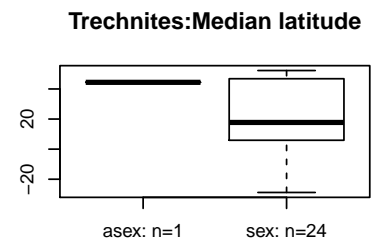
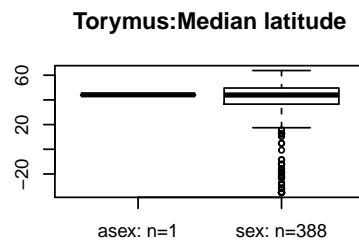
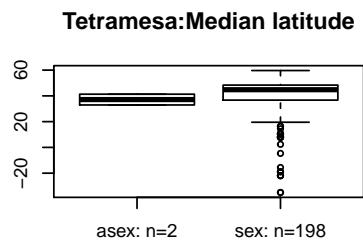
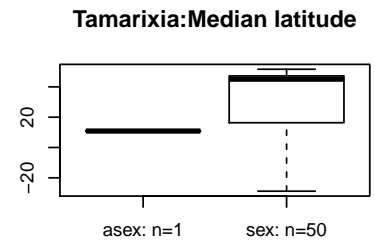
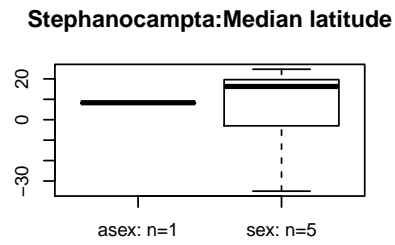
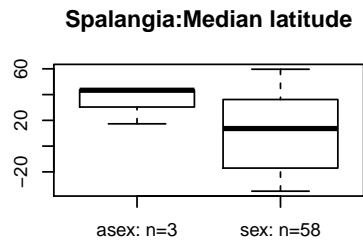
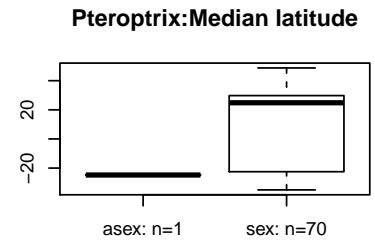
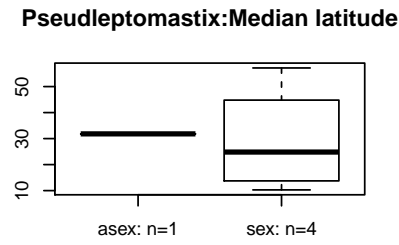
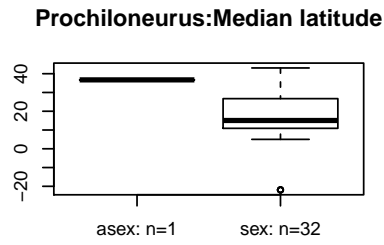
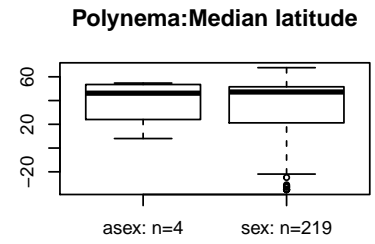
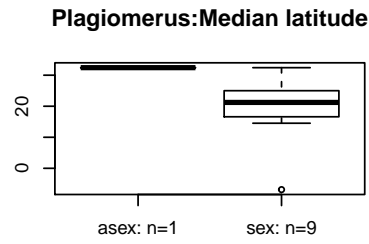
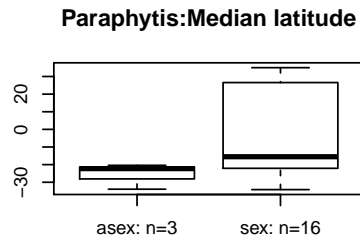


Brachymeria:Median latitude

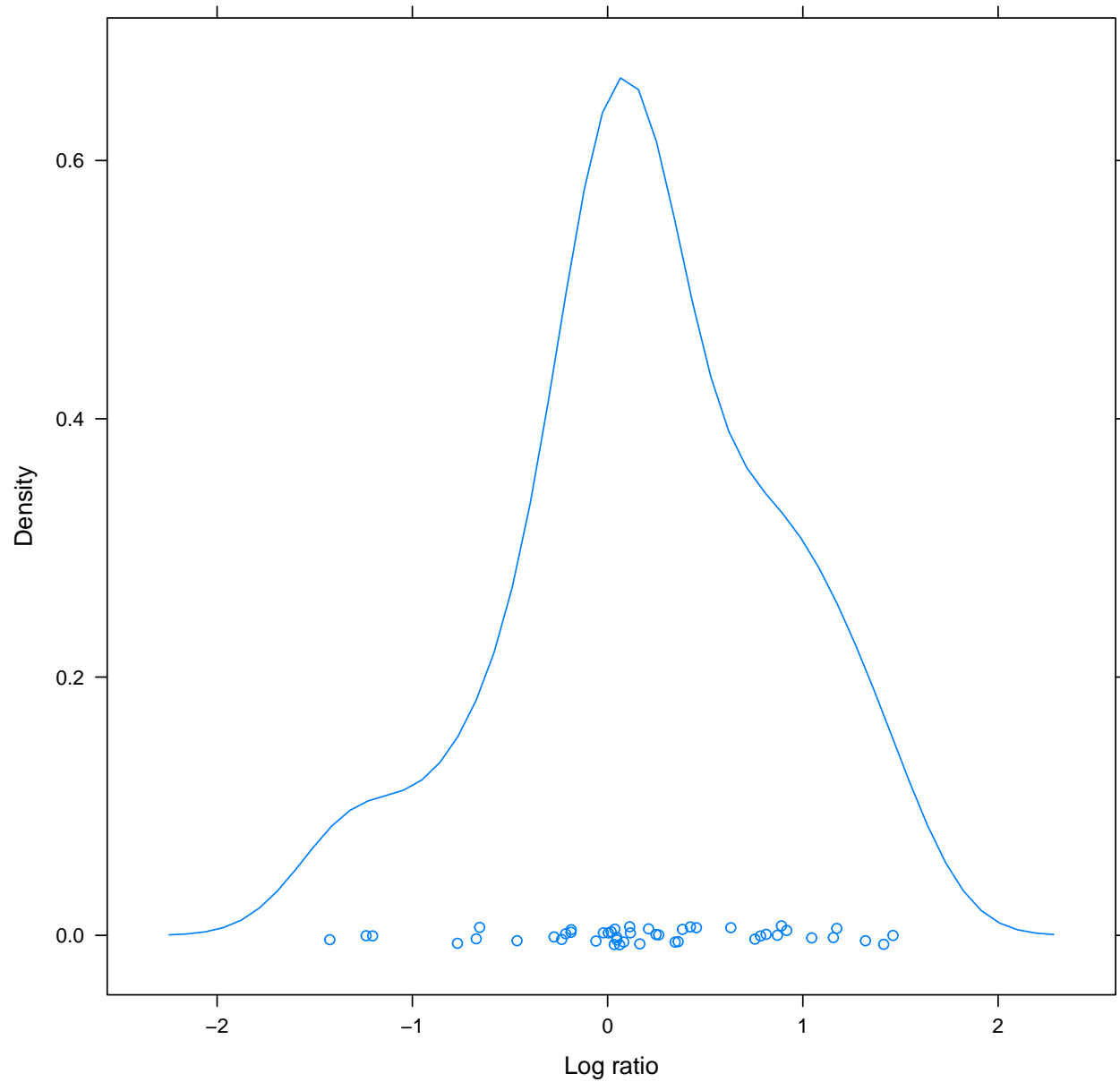








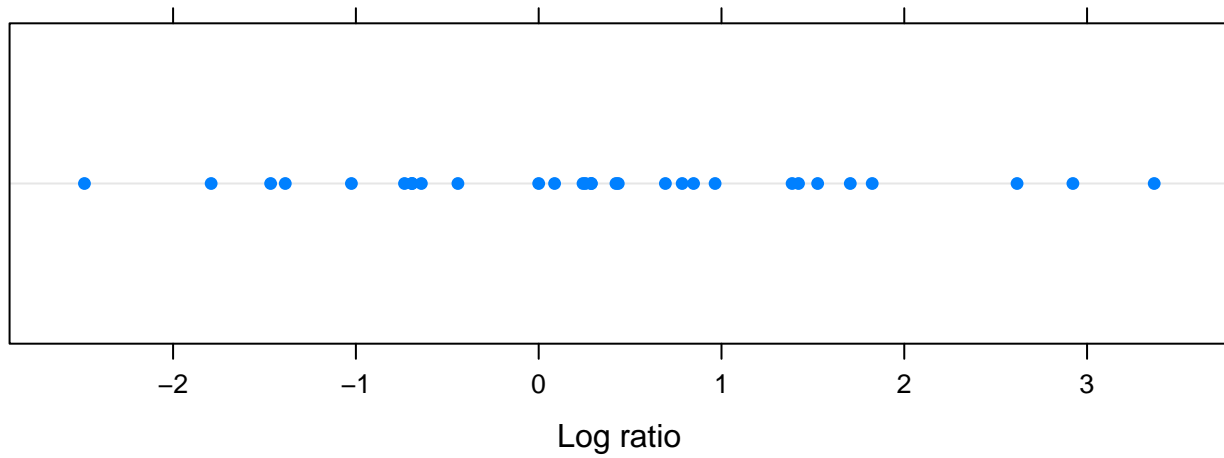
Log ratio (sex/asex) of median latitude



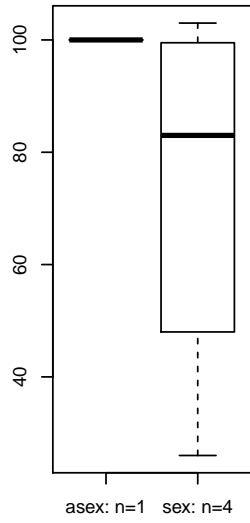
3. Does reproductive mode affect variables within pairs? (Manual only)

From manual dataset:

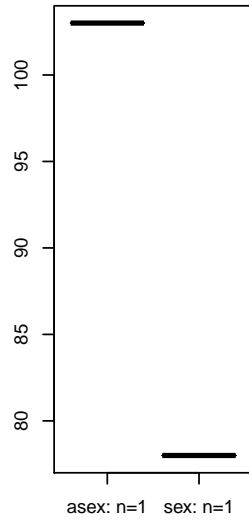
Number of host species: asex/sex in each pair



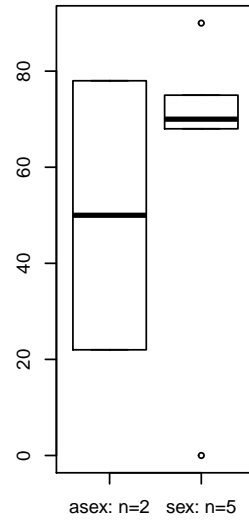
1:Latitude range



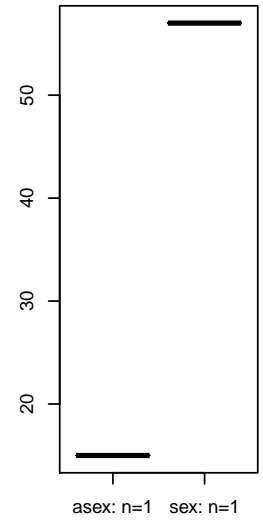
2:Latitude range



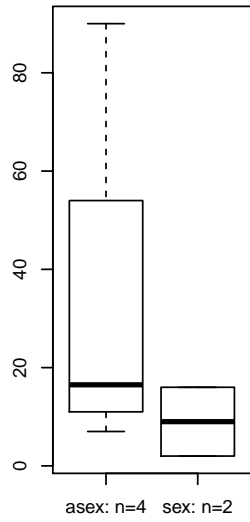
3:Latitude range



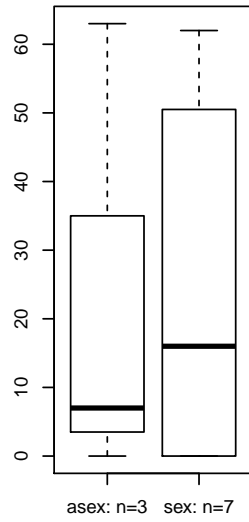
4:Latitude range



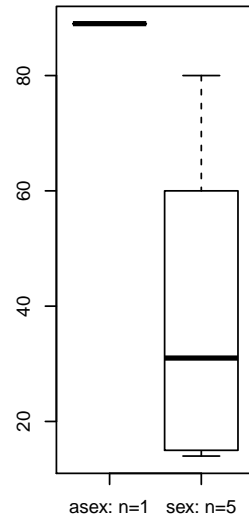
5:Latitude range



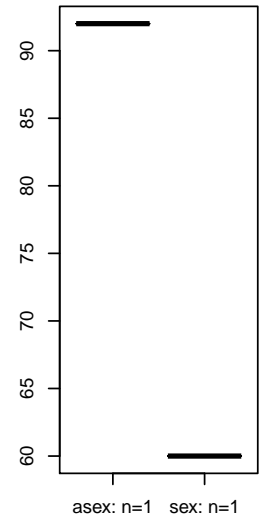
6:Latitude range

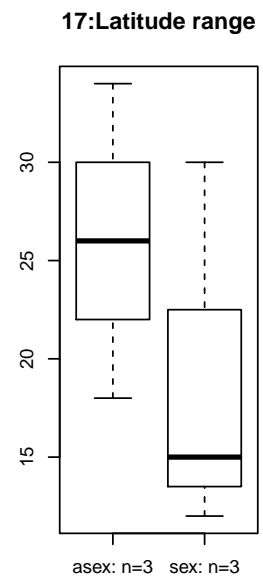
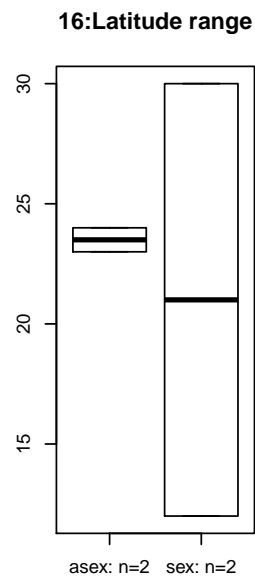
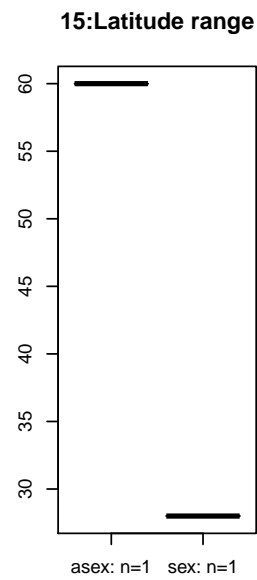
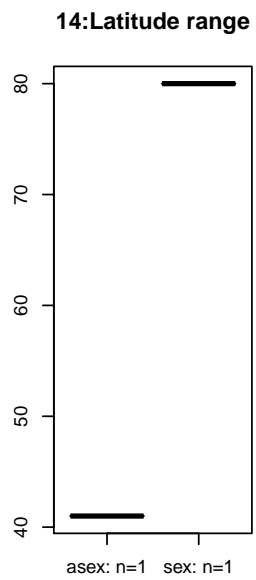
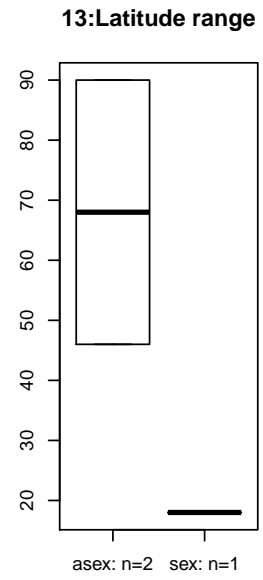
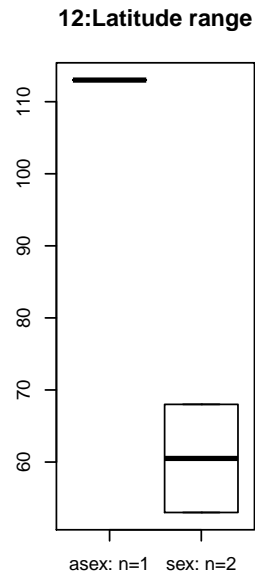
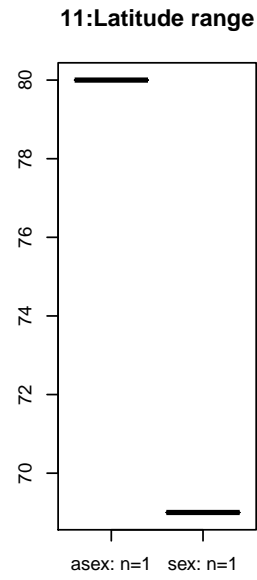
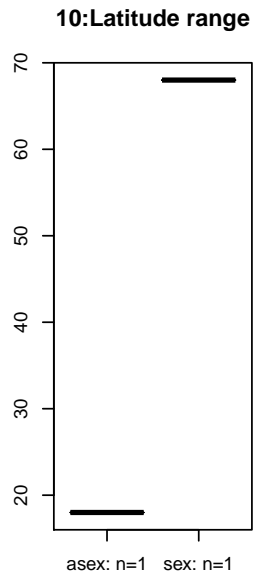


7:Latitude range

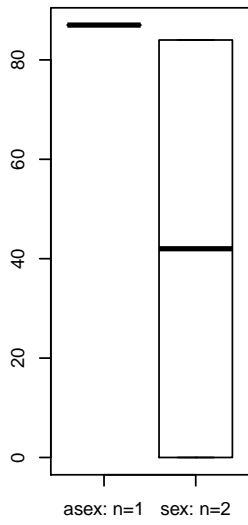


8:Latitude range

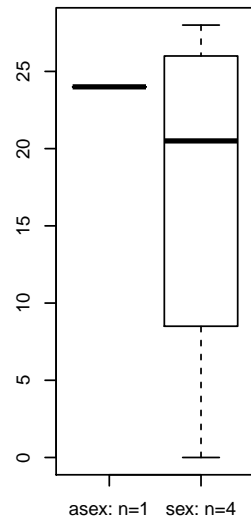




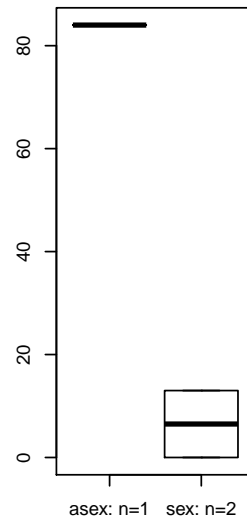
18:Latitude range



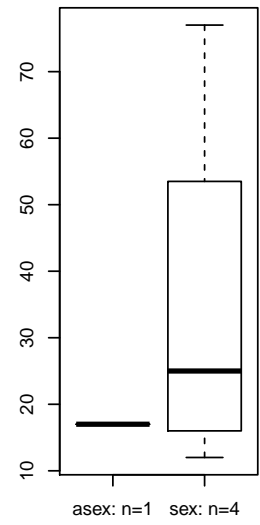
19:Latitude range



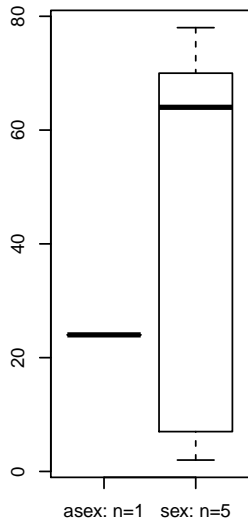
20:Latitude range



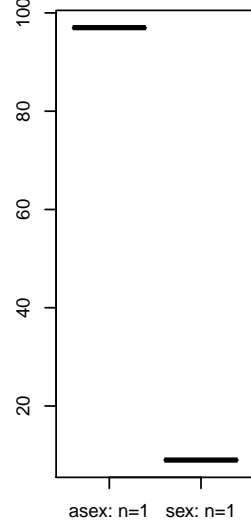
21:Latitude range



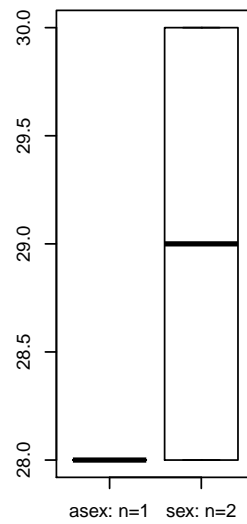
23:Latitude range



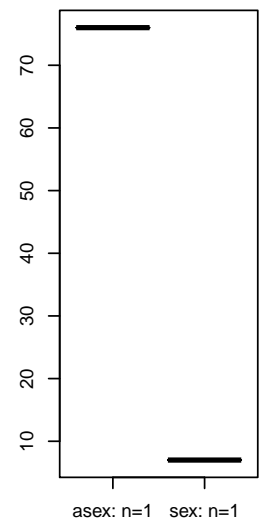
24:Latitude range

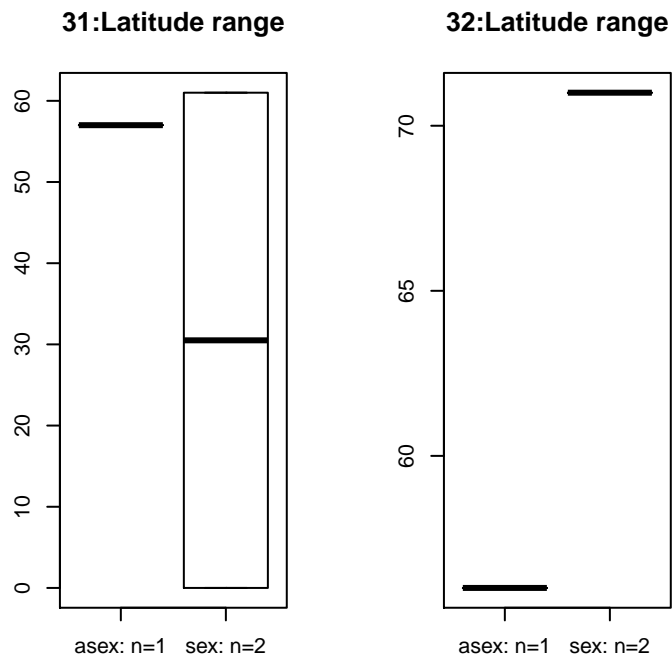


25:Latitude range

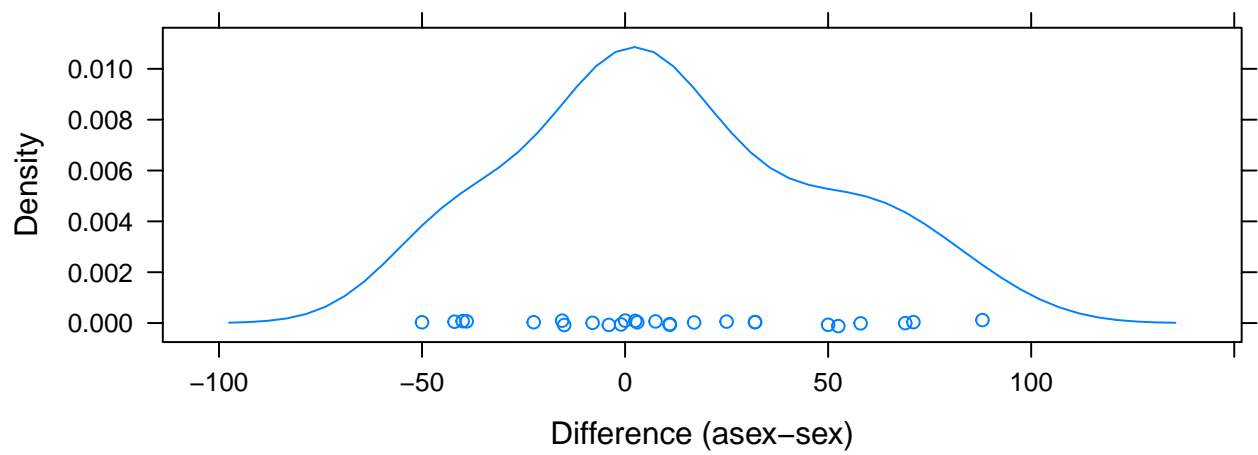


26:Latitude range

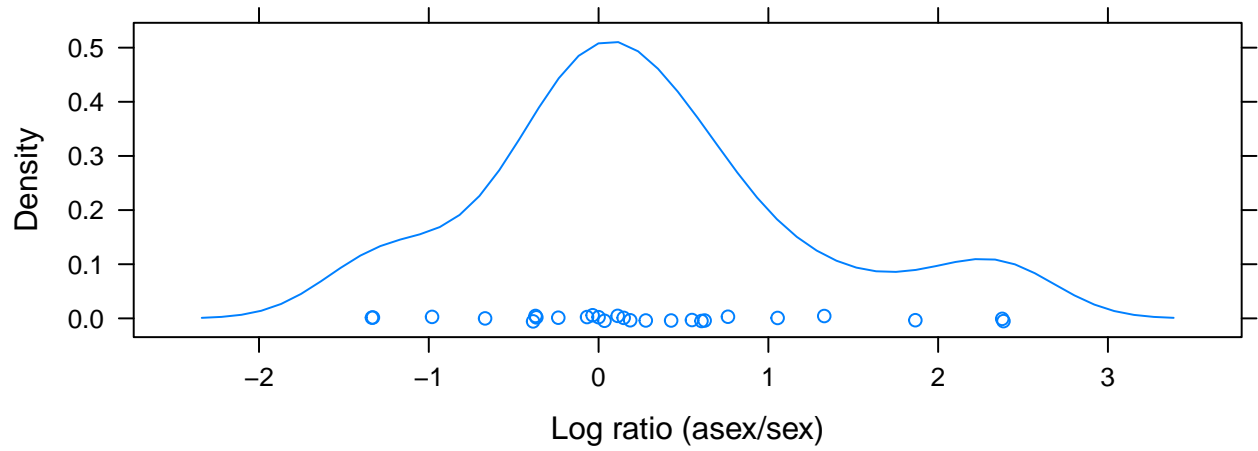




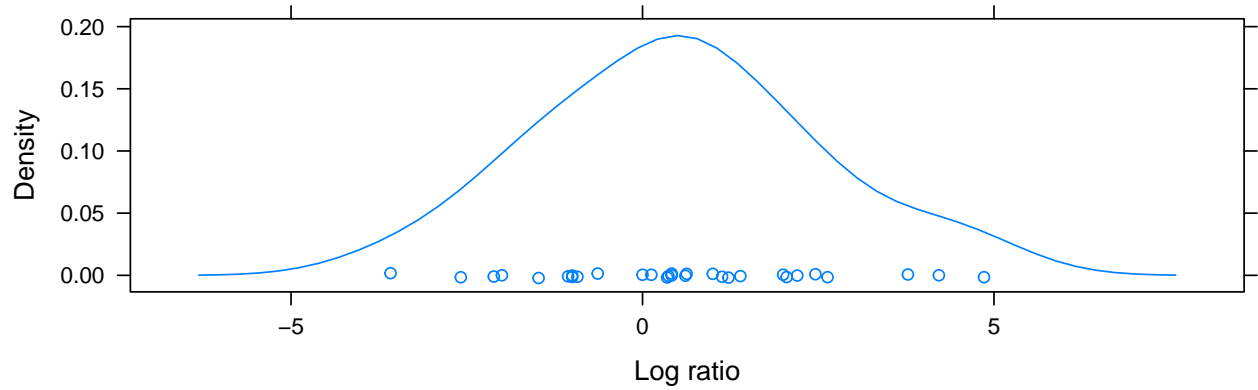
Difference of latitude range between asex and sex per pair



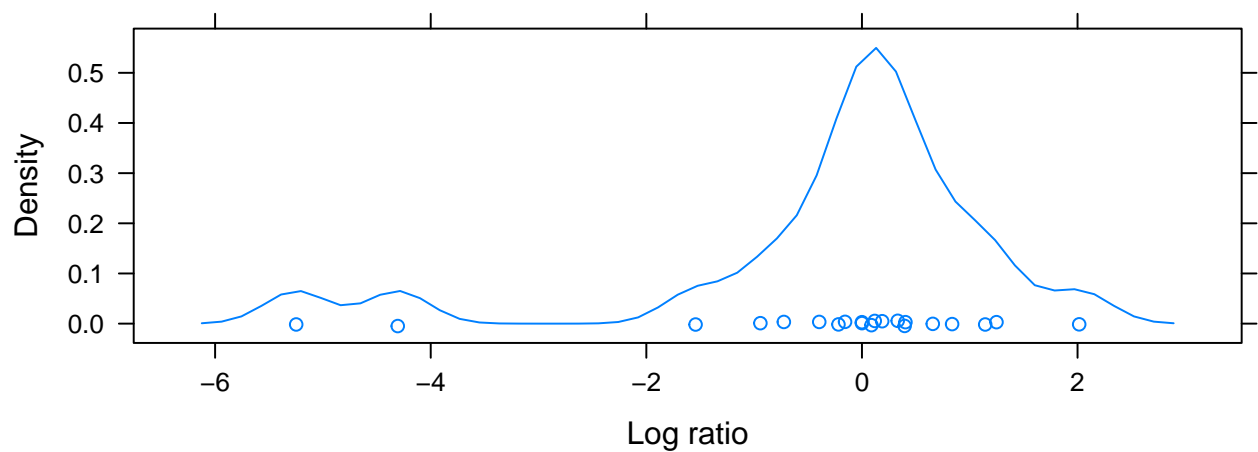
Ratio of latitude range between asex and sex per pair



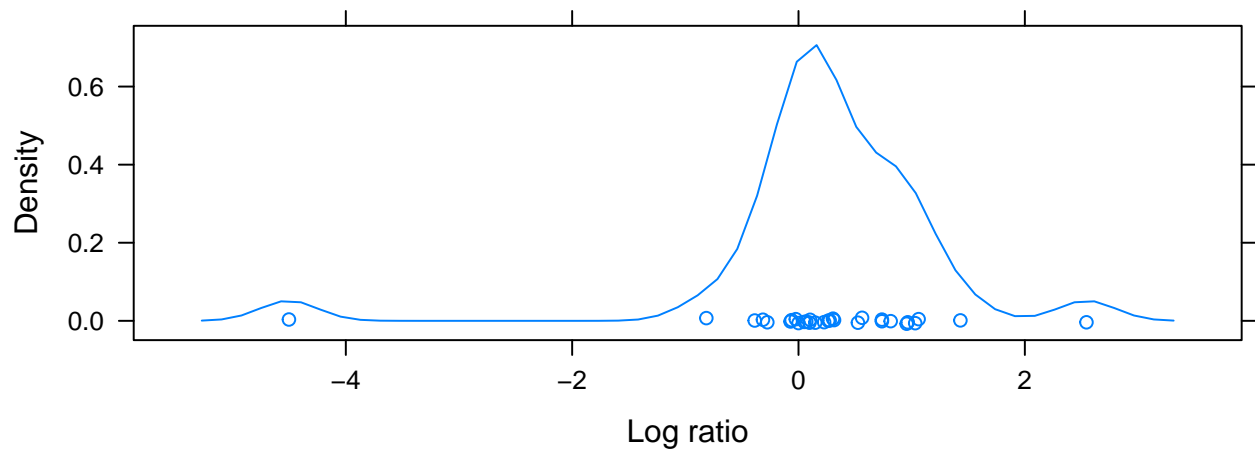
Number of host per pair: asex/sex



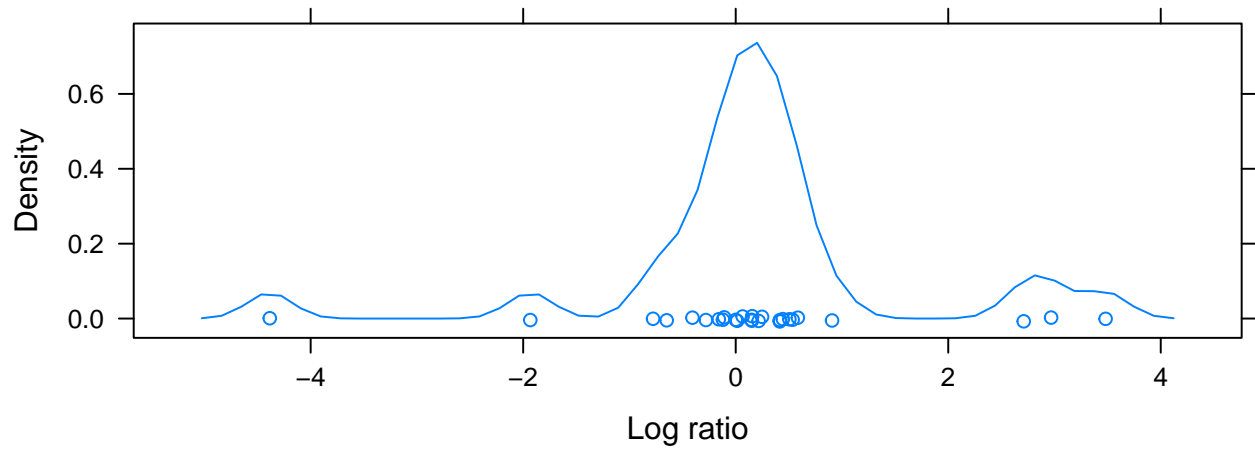
Ratio of min latitude per pair: asex/sex



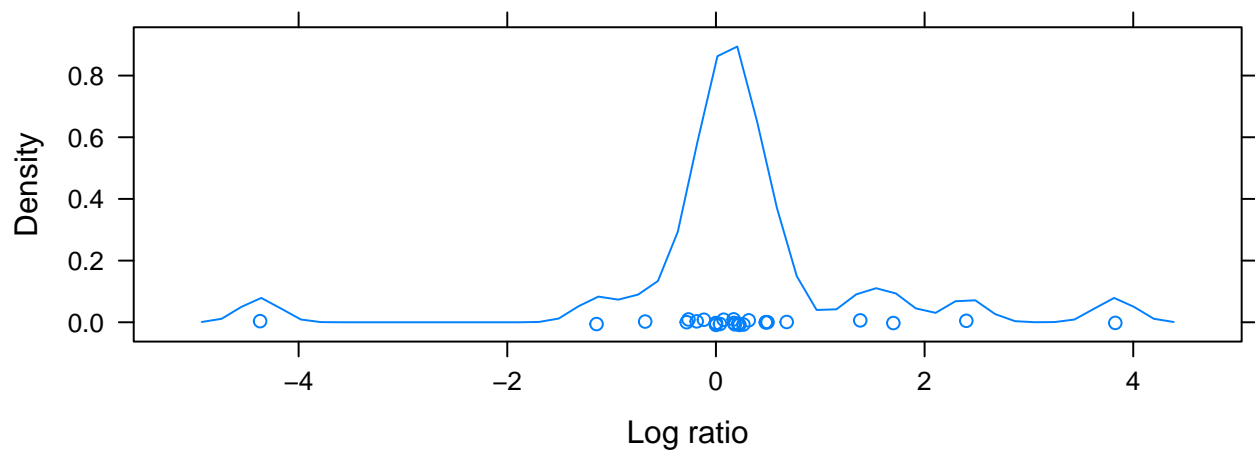
Ratio of max latitude per pair: asex/sex



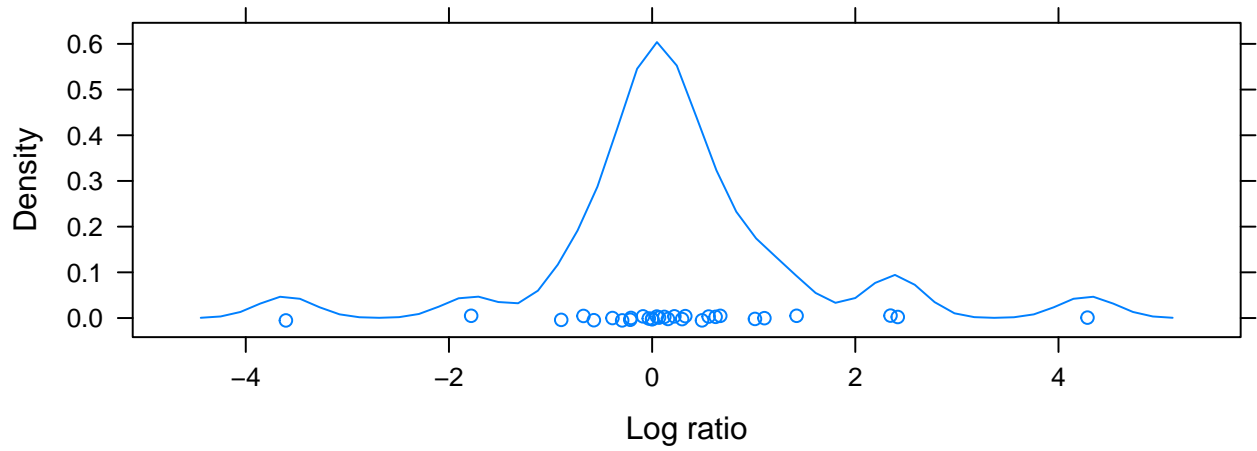
Ratio of mean latitude per pair: asex/sex



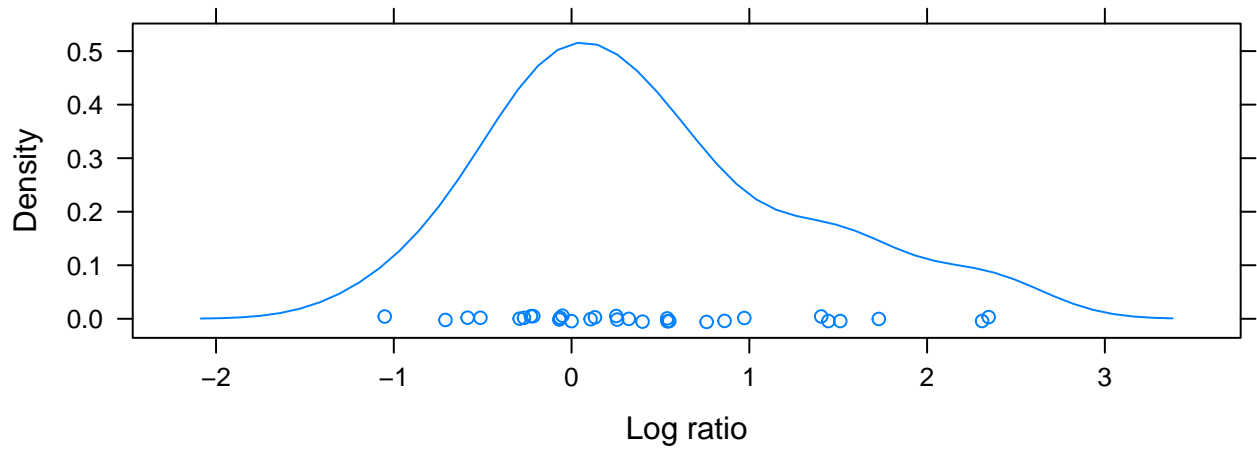
Ratio of median latitude per pair: asex/sex



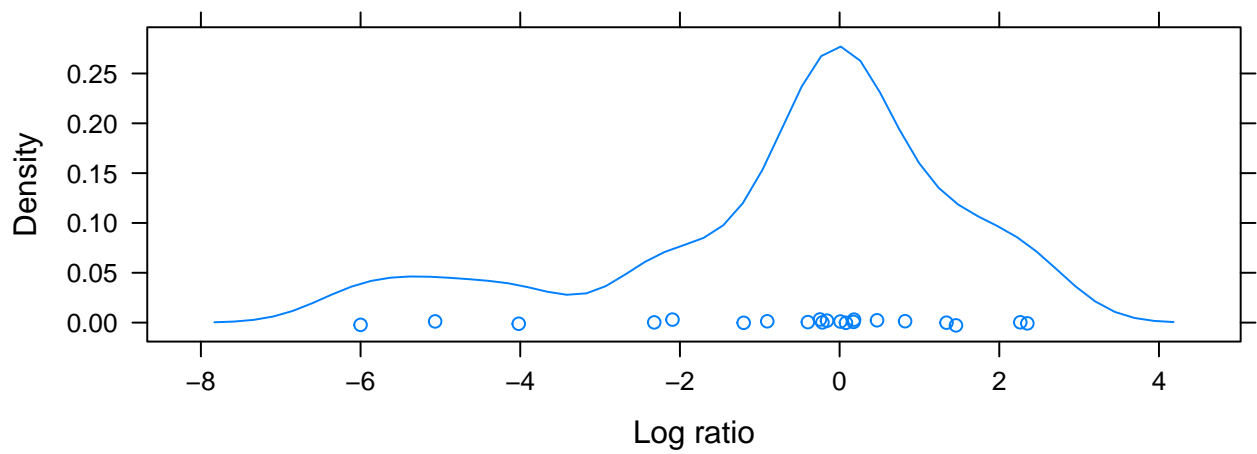
Ratio of min longitude per pair: asex/sex



Ratio of max longitude per pair: asex/sex



Ratio of mean longitude per pair: asex/sex



Ratio of median longitude per pair: asex/sex

