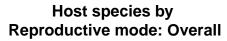
Questions

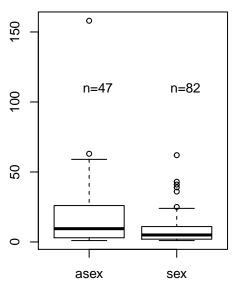
Cyril Matthey-Doret August 17, 2016

Research Questions

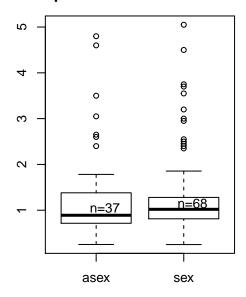
1. Does reproductive mode affect variables on an overall scale? (Manual + Digitalized)

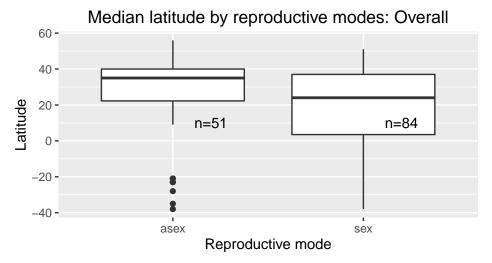
From manual dataset:



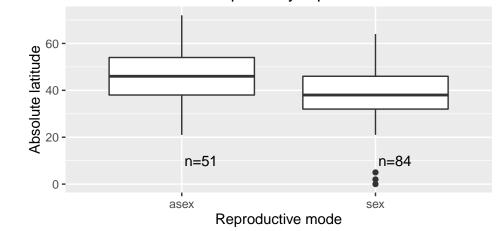


Body length by Reproductive mode: Overall

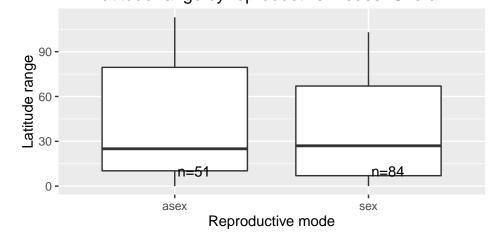




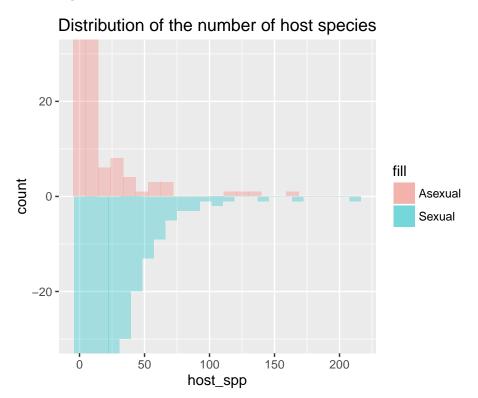
Max distance from the equator by reproductive modes: Over

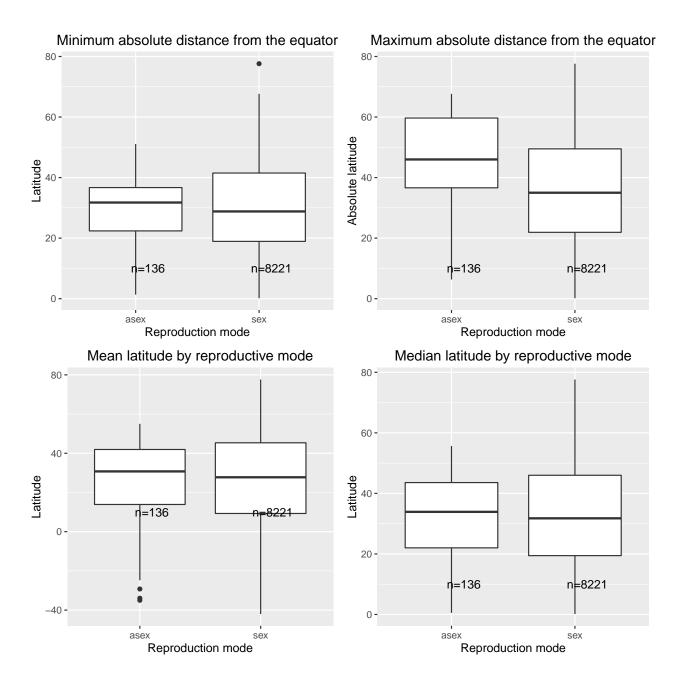


latitude range by reproductive modes: Overall



From digitalized dataset:





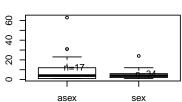
2. Does reproductive mode affect variables within genera? (Manual + Digitalized)

From manual dataset:

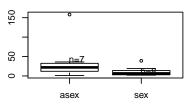
Aphelinus:Host species



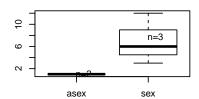
Aphytis:Host species



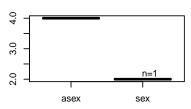
Encarsia:Host species



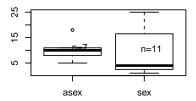
Eretmocerus:Host species



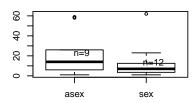
Megaphragma:Host species



Megastigmus:Host species



Trichogramma: Host species

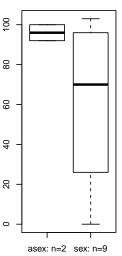


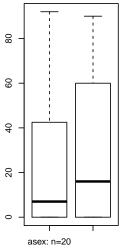


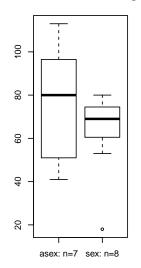


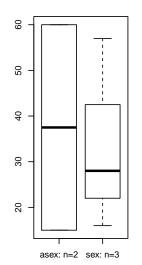
Encarsia:Latitude range

Eretmocerus:Latitude range







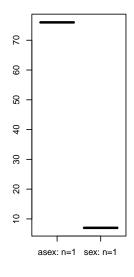


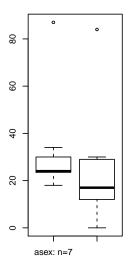
Megaphragma:Latitude rang

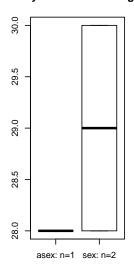
Megastigmus:Latitude rang

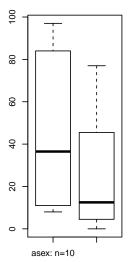
Torymus:Latitude range

Trichogramma:Latitude rang

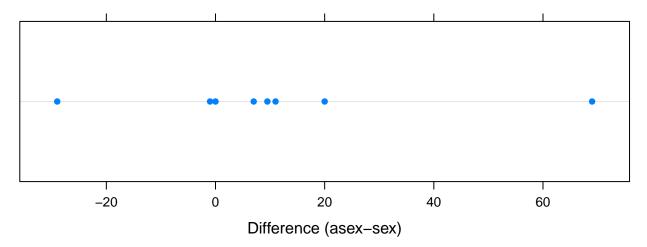




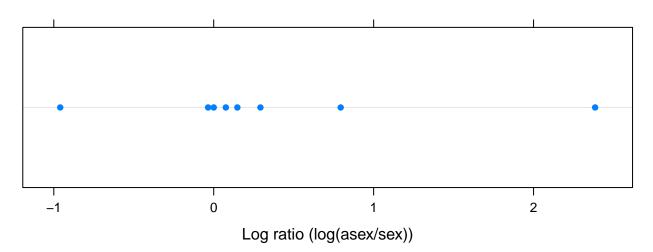




Difference of latitude range between asex and sex per genus



Log ratio of latitude ranges between asex and sex per genus

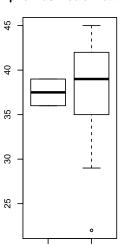


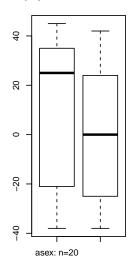


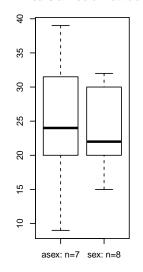
Aphytis:Median latitude

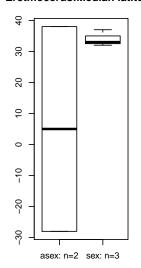
Encarsia:Median latitude

Eretmocerus: Median latitud







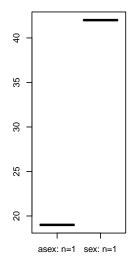


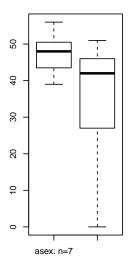
Megaphragma: Median latitud Megastigmus: Median latitud

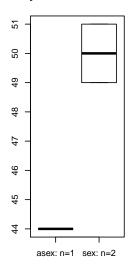
asex: n=2 sex: n=9

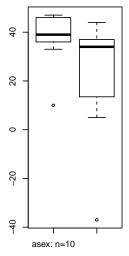
Torymus:Median latitude

Trichogramma:Median latitud



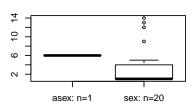




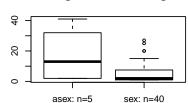


From digitalized dataset:

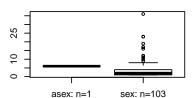
Adelencyrtus:Latitude range



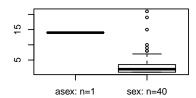
Anagrus:Latitude range



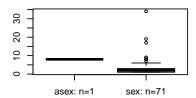
Anagyrus:Latitude range



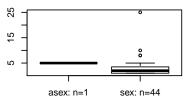
Anaphes:Latitude range



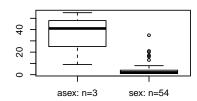
Anastatus:Latitude range



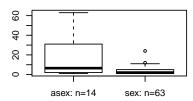
Anicetus:Latitude range



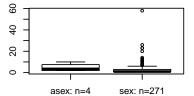
Aphelinus:Latitude range



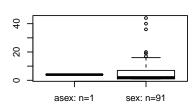
Aphytis:Latitude range



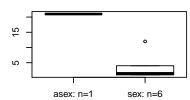
Aprostocetus:Latitude range



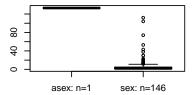
Baryscapus:Latitude range



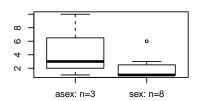
Blepyrus:Latitude range



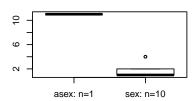
Brachymeria:Latitude range



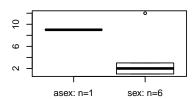
Ceranisus:Latitude range



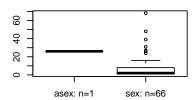
Clausenia:Latitude range



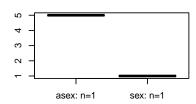
Comperiella:Latitude range



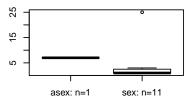
Copidosoma:Latitude range



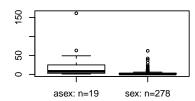
Diaphorencyrtus:Latitude range



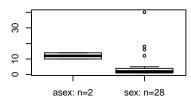
Diversinervus:Latitude range



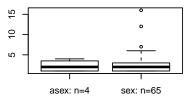
Encarsia:Latitude range



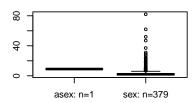
Encyrtus:Latitude range



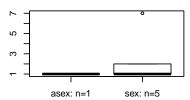
Eretmocerus:Latitude range



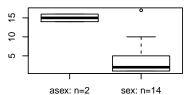
Eurytoma:Latitude range



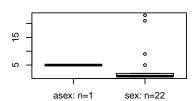
Galeopsomyia:Latitude range



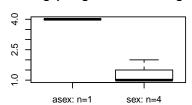
Habrolepis:Latitude range



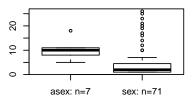




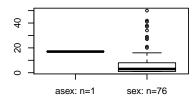
Megaphragma:Latitude range



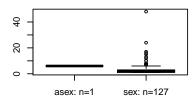
Megastigmus:Latitude range



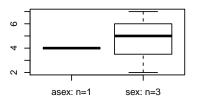
Mesopolobus:Latitude range



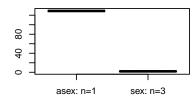
Microterys:Latitude range



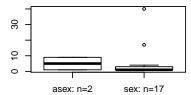
Muscidifurax:Latitude range



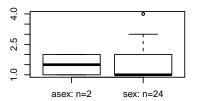
Nasonia:Latitude range



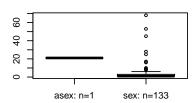
Necremnus:Latitude range



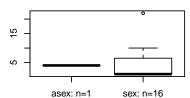
Omphale:Latitude range



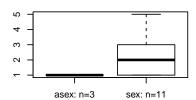
Ooencyrtus:Latitude range



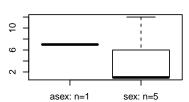
Oomyzus:Latitude range



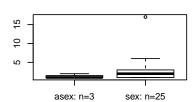
Paraphytis:Latitude range



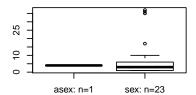
Plagiomerus:Latitude range



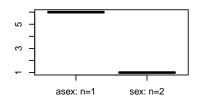
Polynema:Latitude range



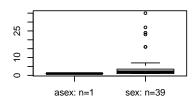
Prochiloneurus:Latitude range



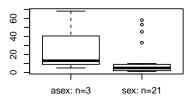
Pseudleptomastix:Latitude range



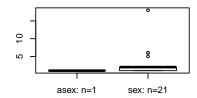
Pteroptrix:Latitude range



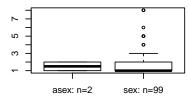
Spalangia:Latitude range



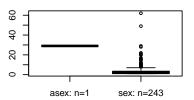
Tamarixia:Latitude range



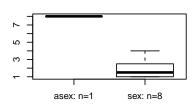
Tetramesa:Latitude range



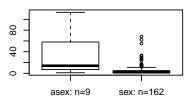
Torymus:Latitude range



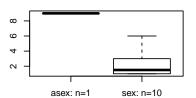
Trechnites:Latitude range



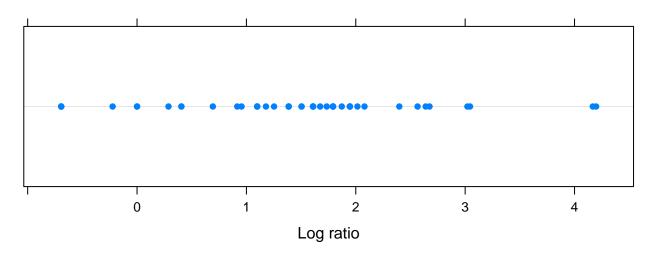
Trichogramma:Latitude range



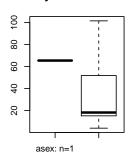
Zaplatycerus:Latitude range



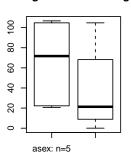
Log ratio (asex/sex) per genus of number of host species



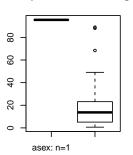
Adelencyrtus:Latitude rang



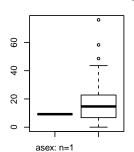
Anagrus:Latitude range



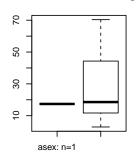
Anaphes:Latitude range



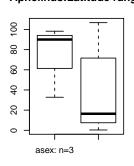
Anastatus:Latitude range



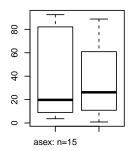
Anicetus:Latitude range



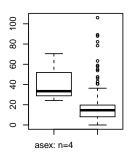
Aphelinus:Latitude range



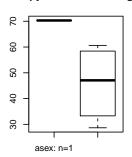
Aphytis:Latitude range



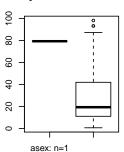
Aprostocetus:Latitude rang



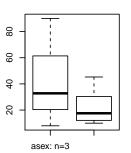
Blepyrus:Latitude range



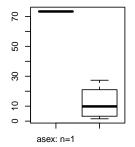
Brachymeria:Latitude range



Ceranisus:Latitude range



Clausenia:Latitude range

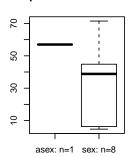


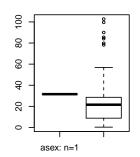
Comperiella:Latitude range

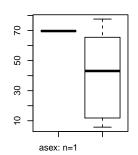
Copidosoma:Latitude range

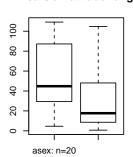
Diversinervus:Latitude rang

Encarsia:Latitude range







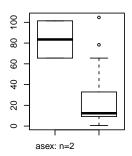


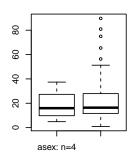
Encyrtus:Latitude range

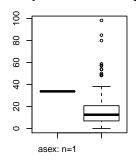
Eretmocerus:Latitude range

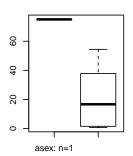
Eurytoma:Latitude range

Galeopsomyia:Latitude rang







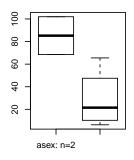


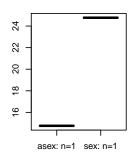
Habrolepis:Latitude range

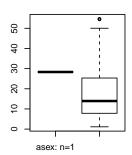
Holarcticesa:Latitude range

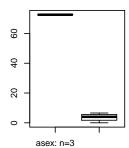
Leucospis:Latitude range

Megaphragma:Latitude rang

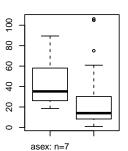




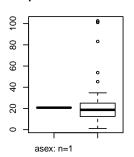




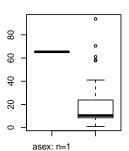
Megastigmus:Latitude rang



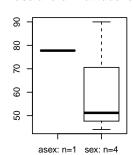
Mesopolobus:Latitude rang



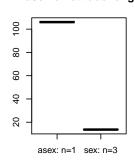
Microterys:Latitude range



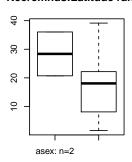
Muscidifurax:Latitude range



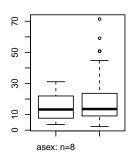
Nasonia:Latitude range



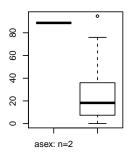
Necremnus:Latitude range



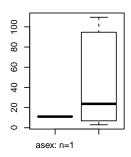
Omphale:Latitude range



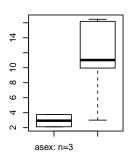
Ooencyrtus:Latitude range



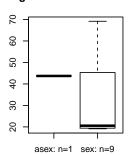
Oomyzus:Latitude range



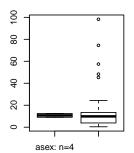
Paraphytis:Latitude range

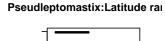


Plagiomerus:Latitude range



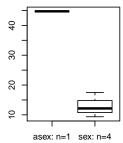
Polynema:Latitude range

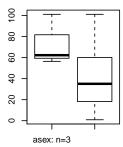


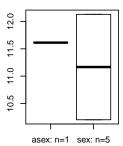


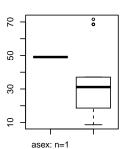
Spalangia:Latitude range Stephanocampta:Latitude ran

Tamarixia:Latitude range





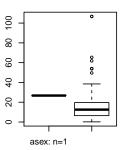




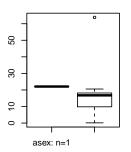
Tetramesa:Latitude range

asex: n=2

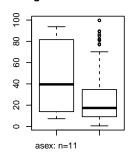
Torymus:Latitude range



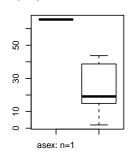
Trechnites:Latitude range



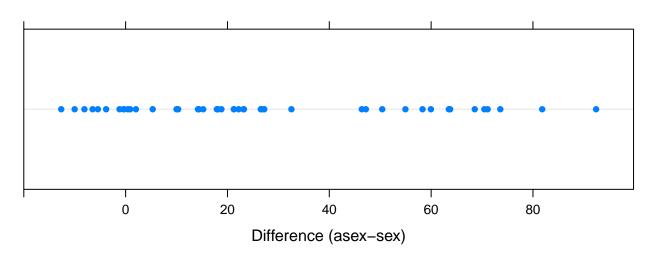
Trichogramma:Latitude rang



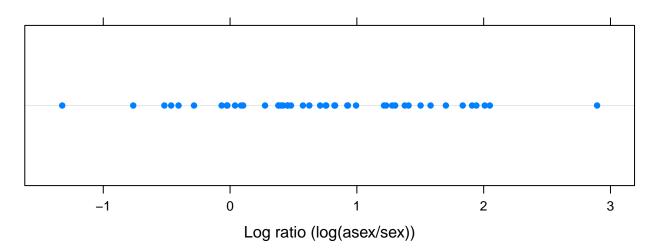
Zaplatycerus:Latitude range



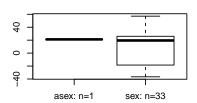
Difference of latitude range between asex and sex per genus



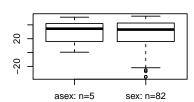
Log ratio of latitude ranges between asex and sex per genus



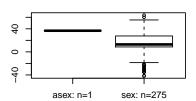
Adelencyrtus: Median latitude



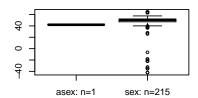
Anagrus:Median latitude



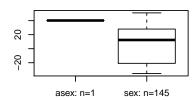
Anagyrus:Median latitude



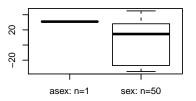
Anaphes: Median latitude



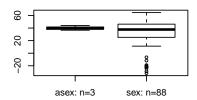
Anastatus: Median latitude



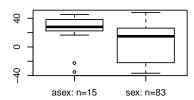
Anicetus:Median latitude



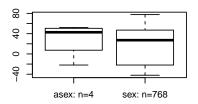
Aphelinus:Median latitude



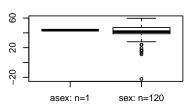
Aphytis:Median latitude



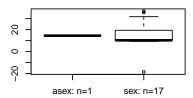
Aprostocetus: Median latitude



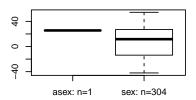
Baryscapus:Median latitude



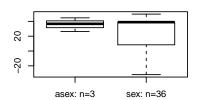
Blepyrus:Median latitude



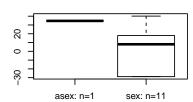
Brachymeria: Median latitude



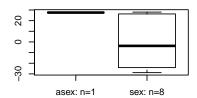
Ceranisus: Median latitude



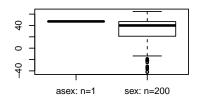
Clausenia: Median latitude



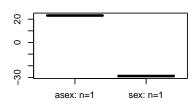
Comperiella: Median latitude



Copidosoma: Median latitude



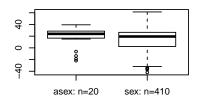
Diaphorencyrtus:Median latitude



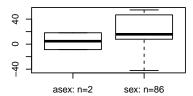
Diversinervus:Median latitude



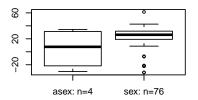
Encarsia: Median latitude



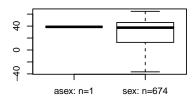
Encyrtus:Median latitude



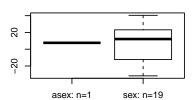
Eretmocerus: Median latitude



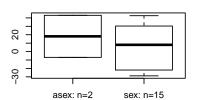
Eurytoma: Median latitude



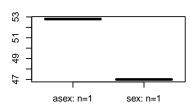
Galeopsomyia: Median latitude



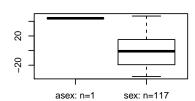
Habrolepis:Median latitude



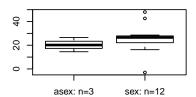
Holarcticesa:Median latitude



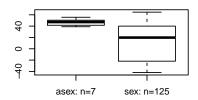
Leucospis:Median latitude



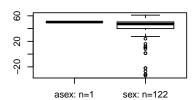
Megaphragma: Median latitude



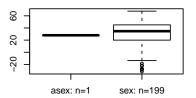
Megastigmus: Median latitude



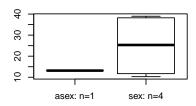
Mesopolobus:Median latitude



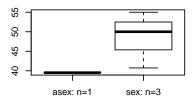
Microterys: Median latitude



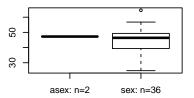
Muscidifurax: Median latitude



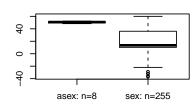
Nasonia:Median latitude



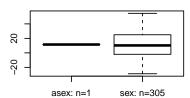
Necremnus:Median latitude



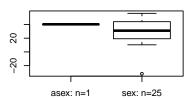
Omphale:Median latitude



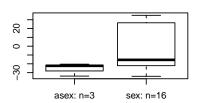
Ooencyrtus:Median latitude



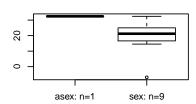
Oomyzus:Median latitude



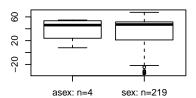
Paraphytis: Median latitude



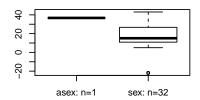
Plagiomerus: Median latitude



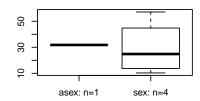
Polynema: Median latitude



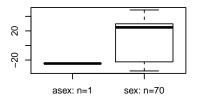
Prochiloneurus: Median latitude



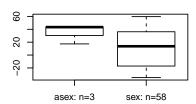
Pseudleptomastix: Median latitude



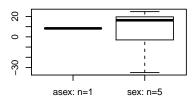
Pteroptrix: Median latitude



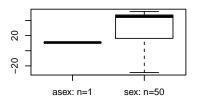
Spalangia: Median latitude



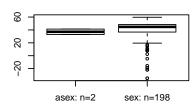
Stephanocampta: Median latitude



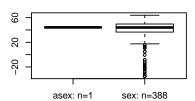
Tamarixia: Median latitude



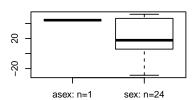
Tetramesa: Median latitude



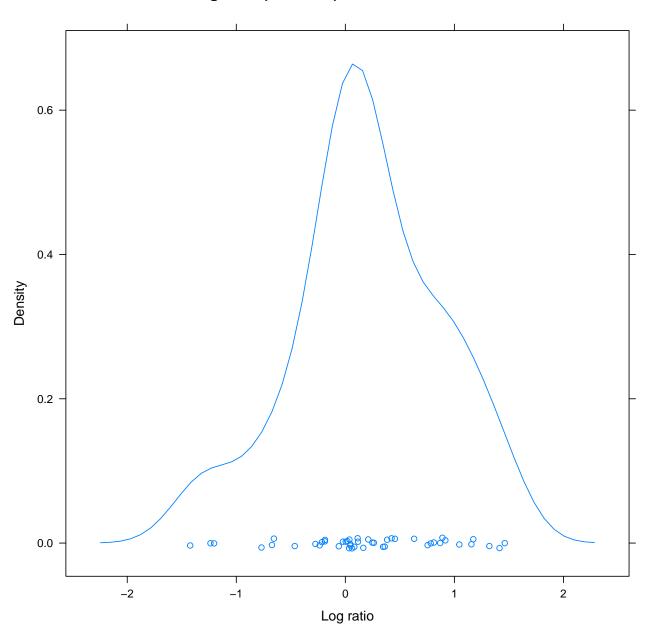
Torymus:Median latitude



Trechnites:Median latitude



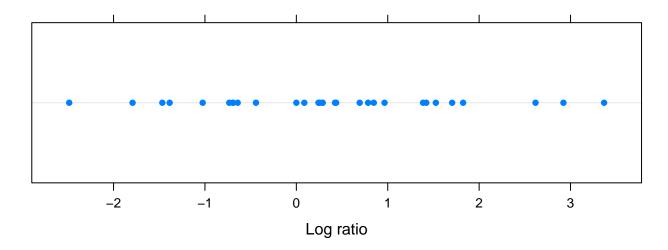
Log ratio (sex/asex) of median latitude

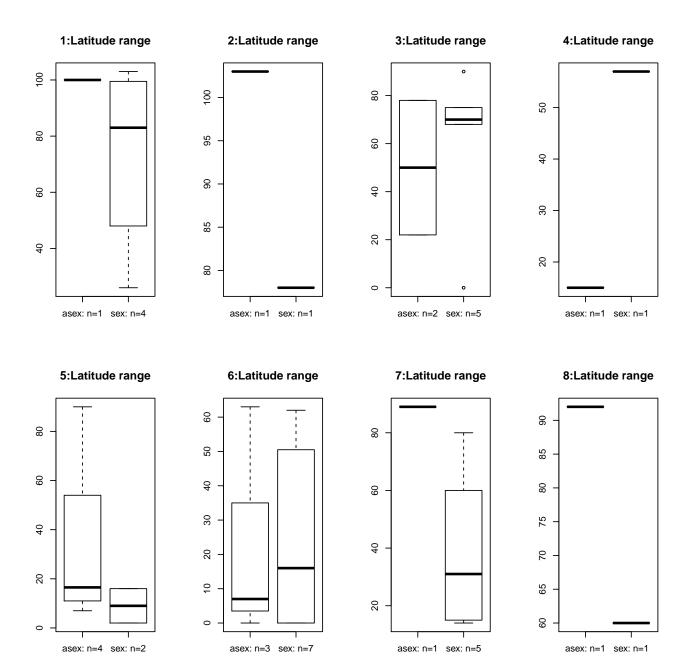


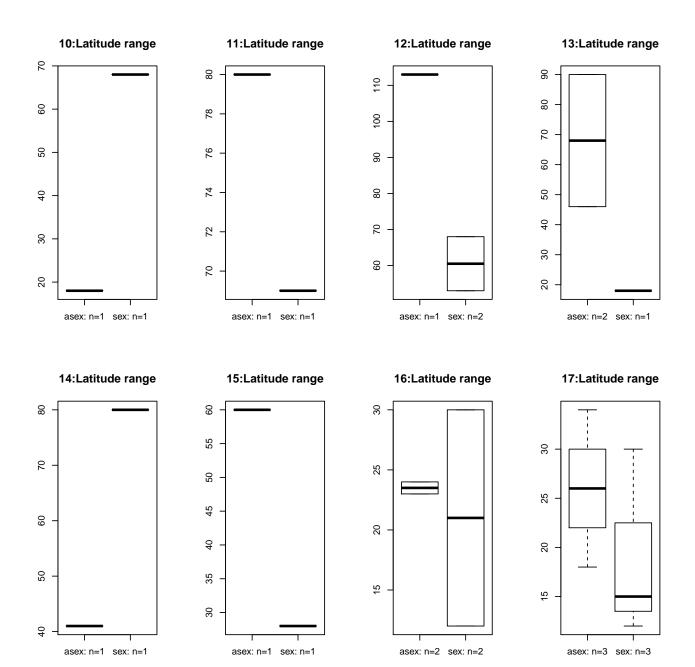
3. Does reproductive mode affect variables within pairs? (Manual only) $\,$

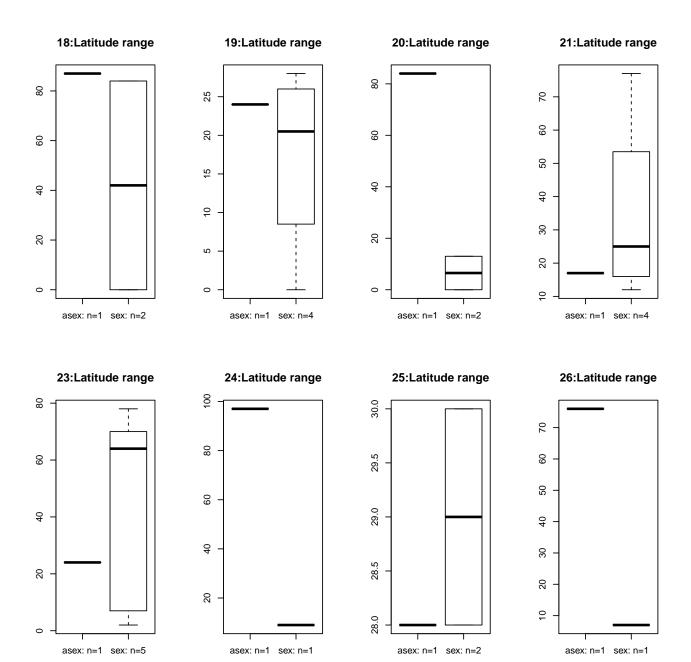
From manual dataset:

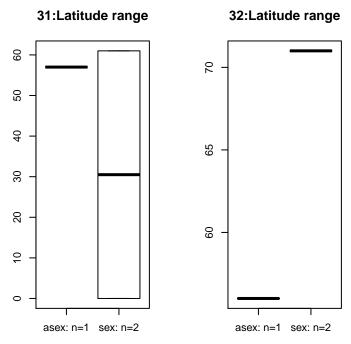
Number of host species: asex/sex in each pair



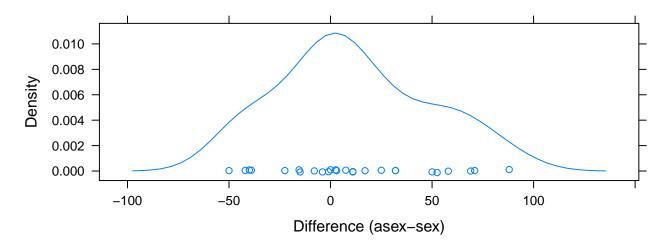




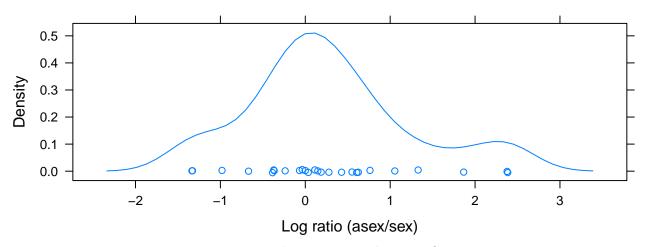




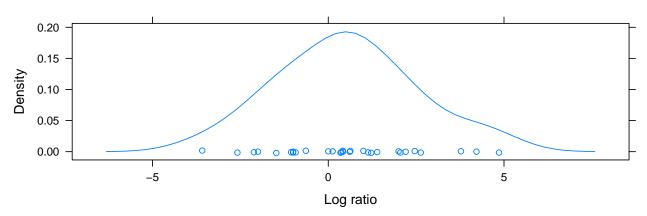
Difference of latitude range between asex and sex per pair



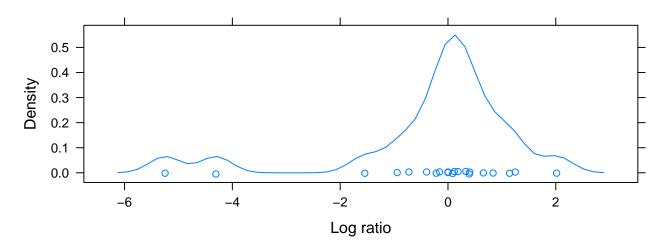
Ratio of latitude range between asex and sex per pair



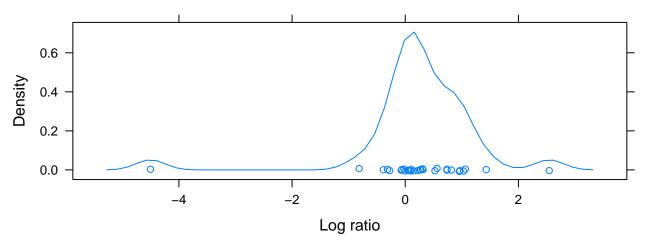
Number of host per pair: asex/sex



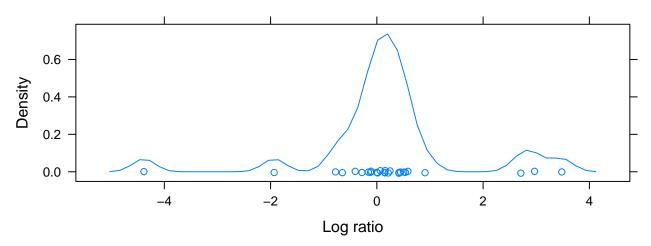
Ratio of min latitude per pair: asex/sex



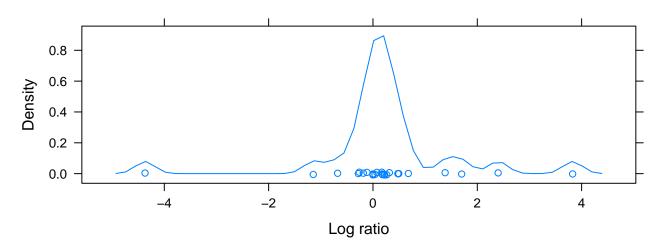
Ratio of max latitude per pair: asex/sex



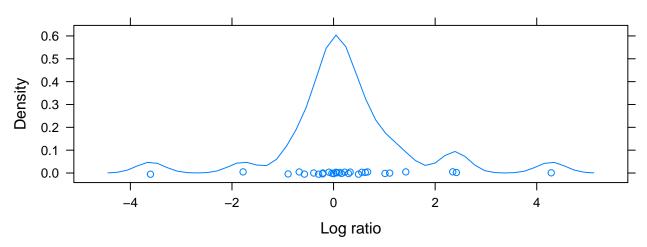
Ratio of mean latitude per pair: asex/sex



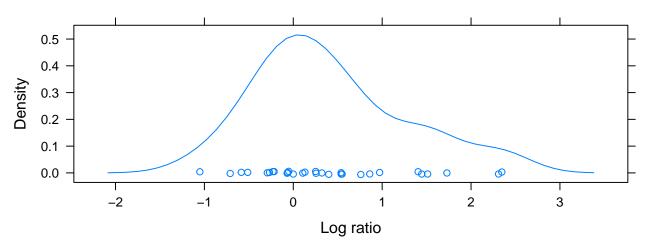
Ratio of median latitude per pair: asex/sex



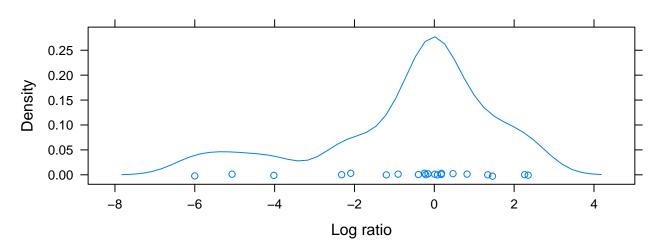
Ratio of min longitude per pair: asex/sex



Ratio of max longitude per pair: asex/sex



Ratio of mean longitude per pair: asex/sex



Ratio of median longitude per pair: asex/sex

