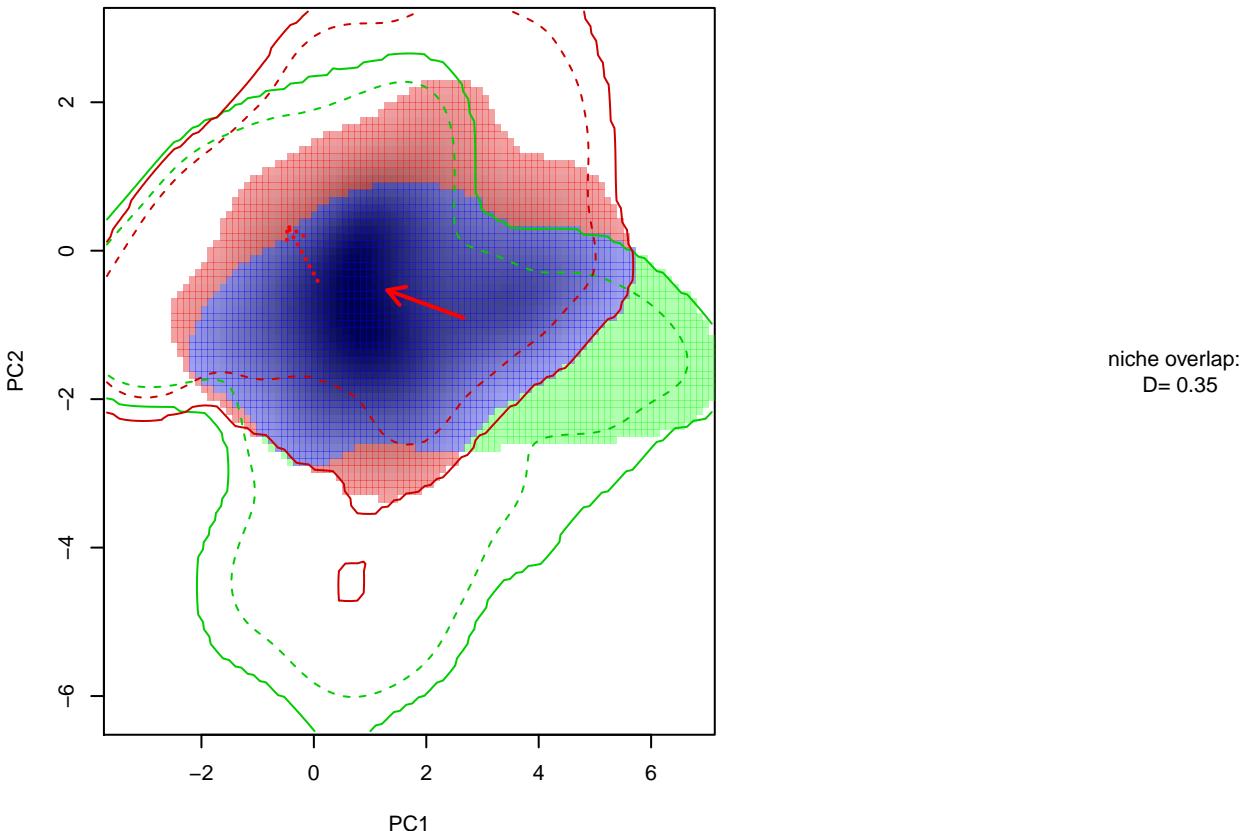
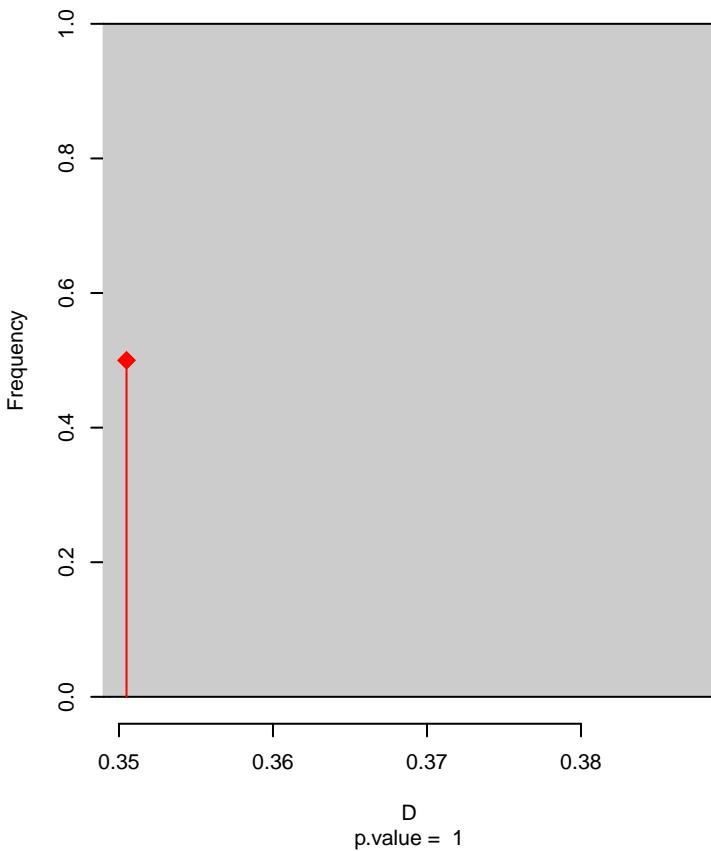


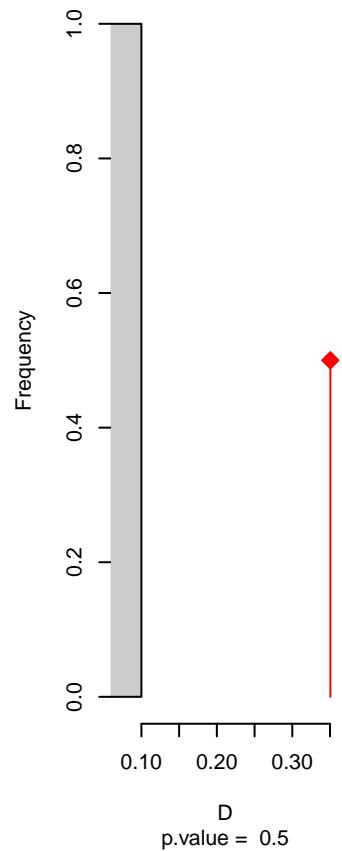
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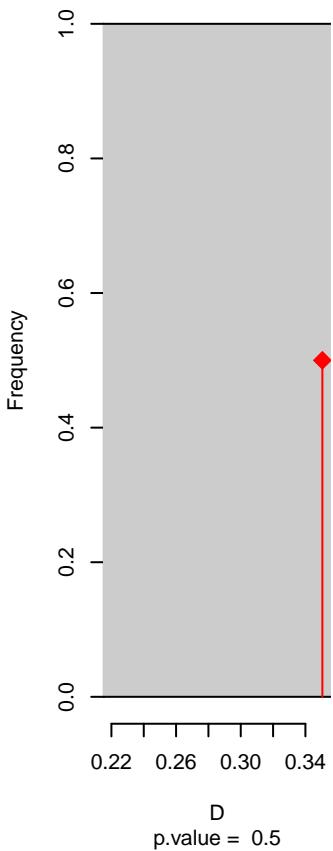
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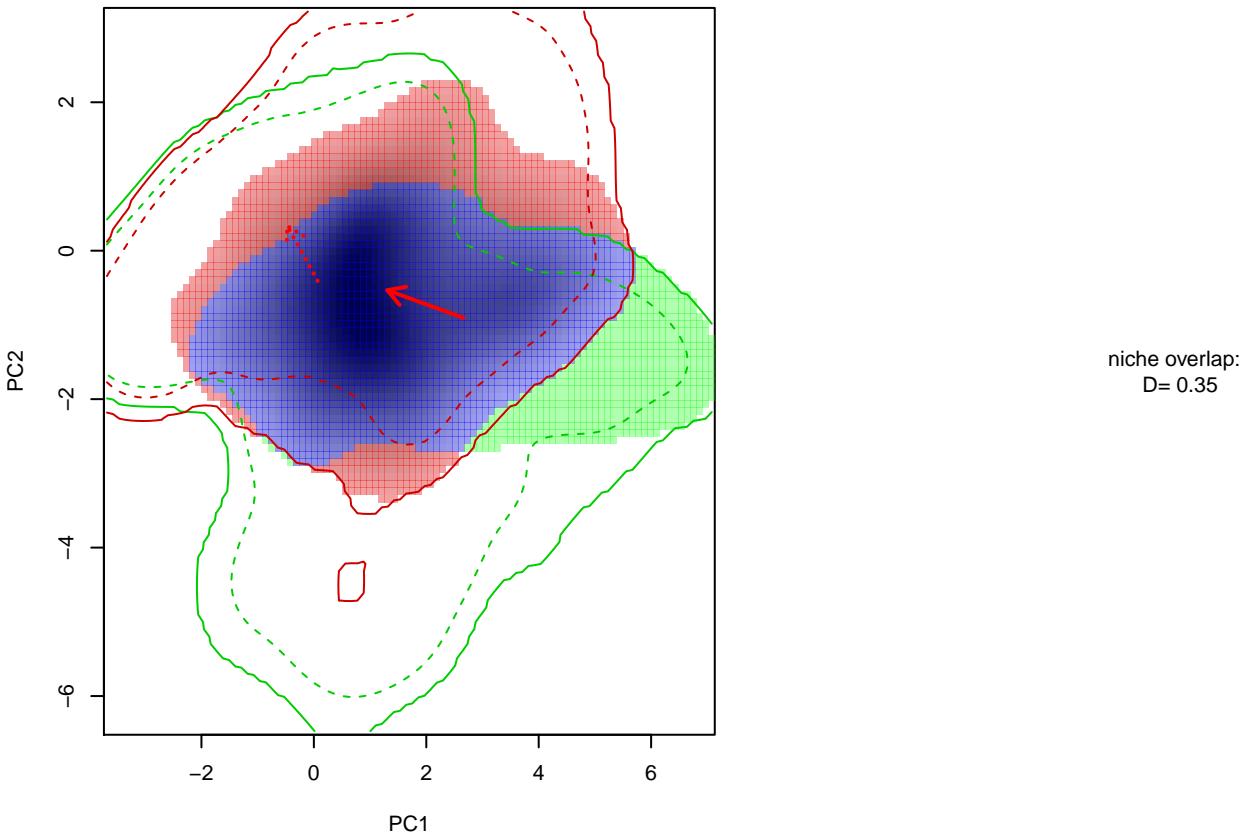
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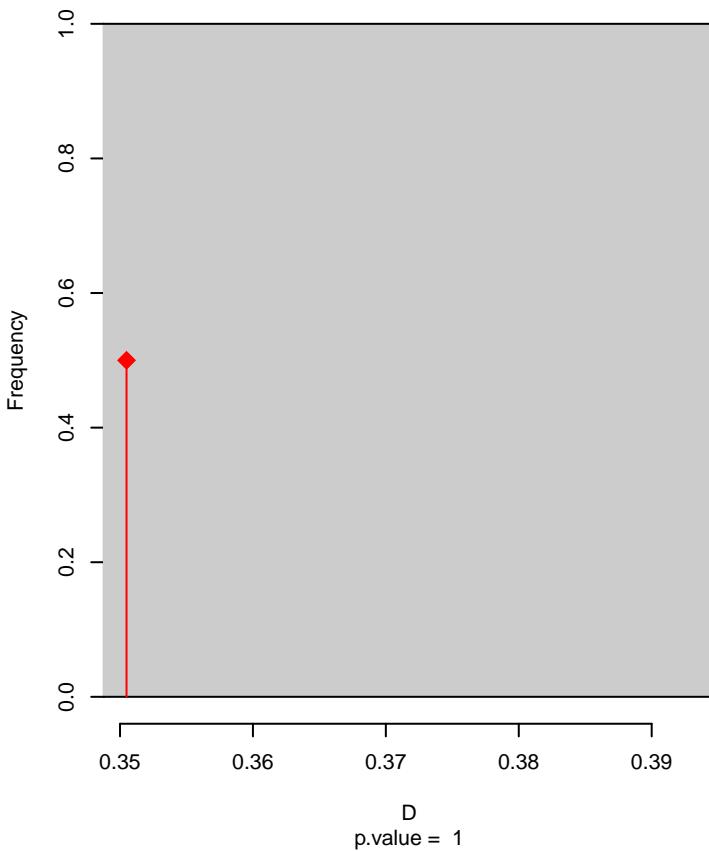
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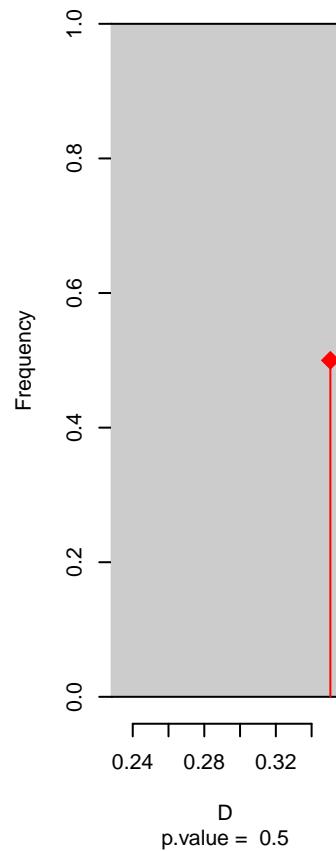
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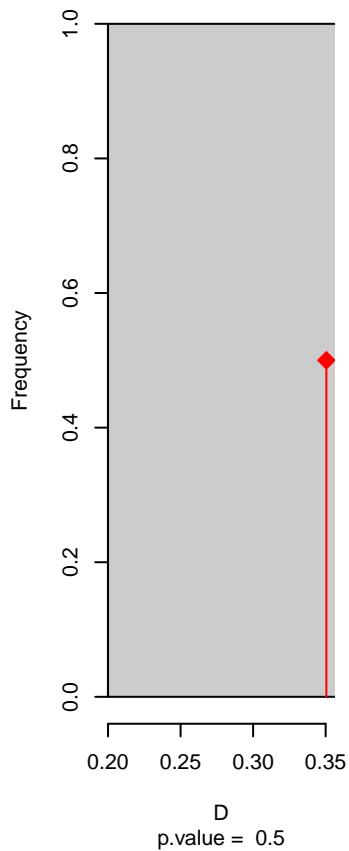
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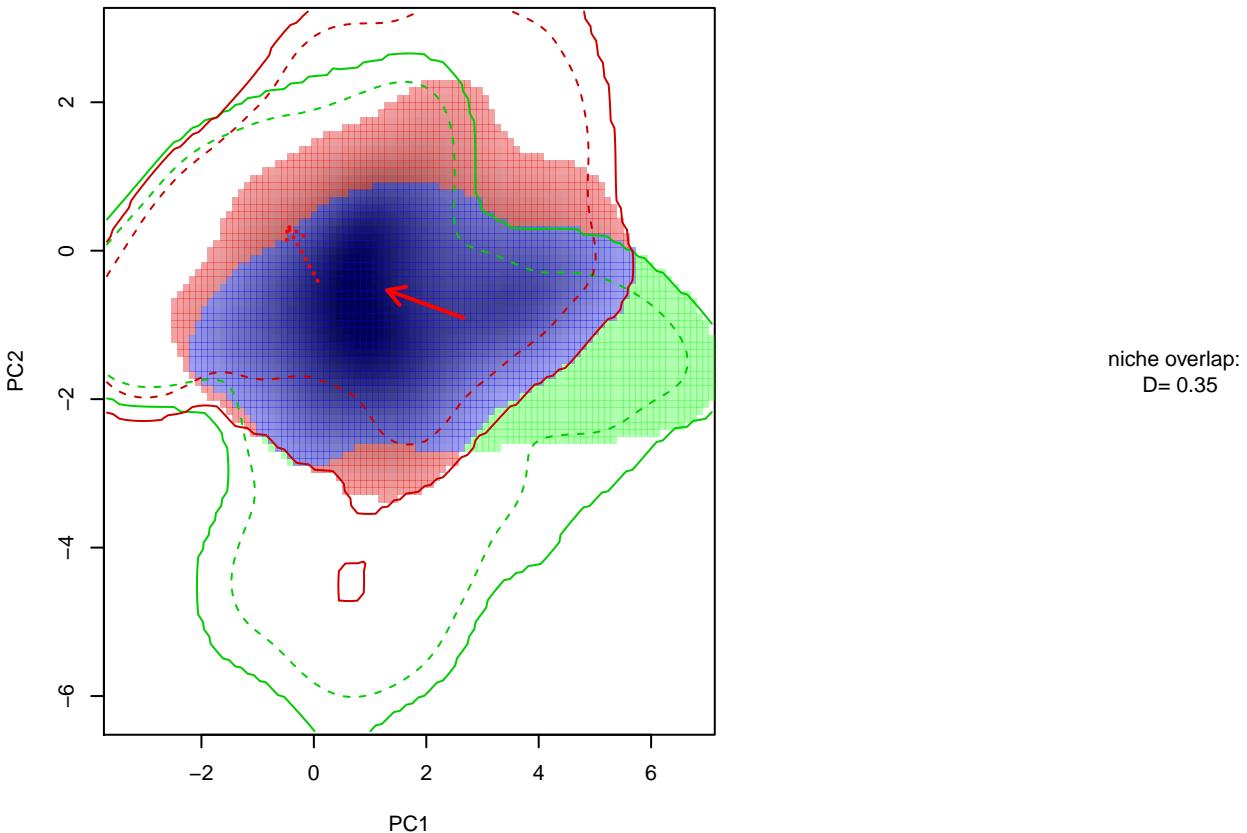
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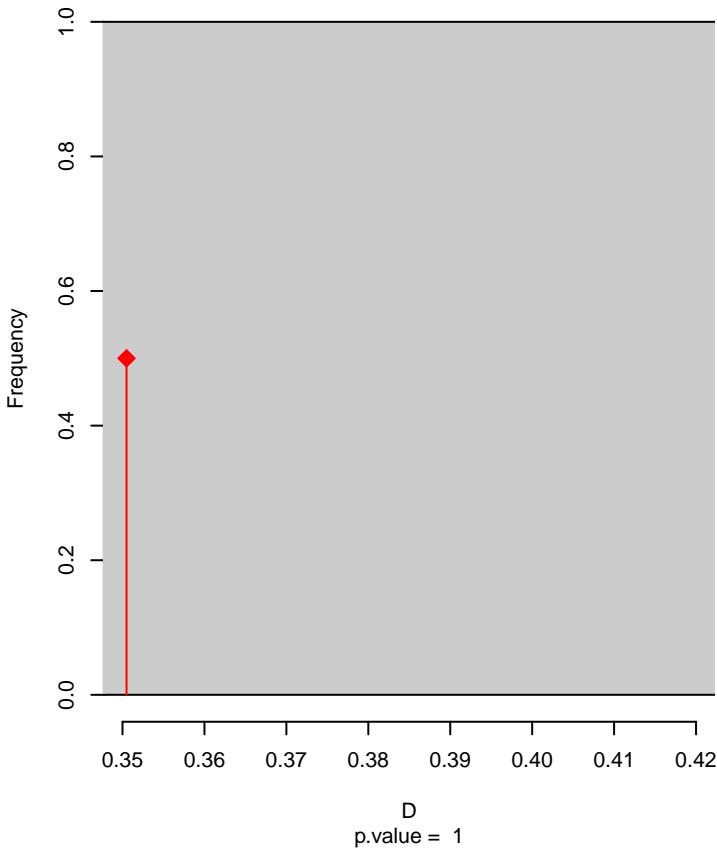
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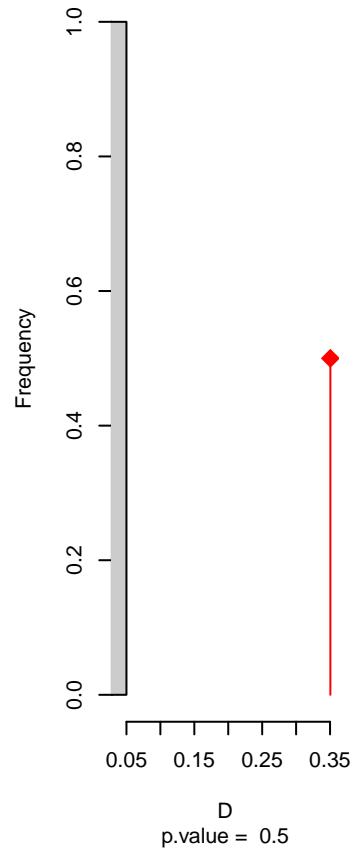
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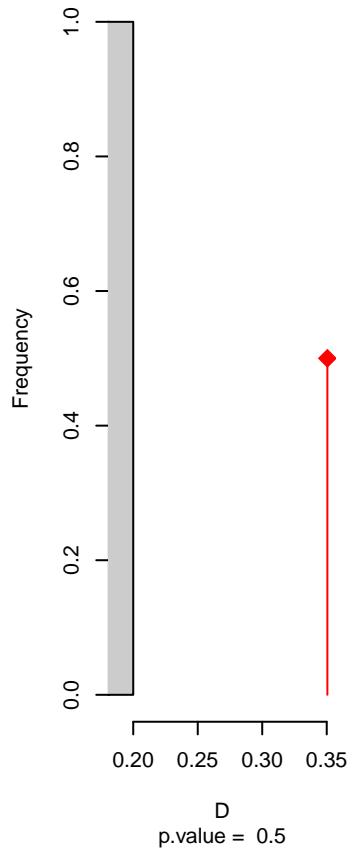
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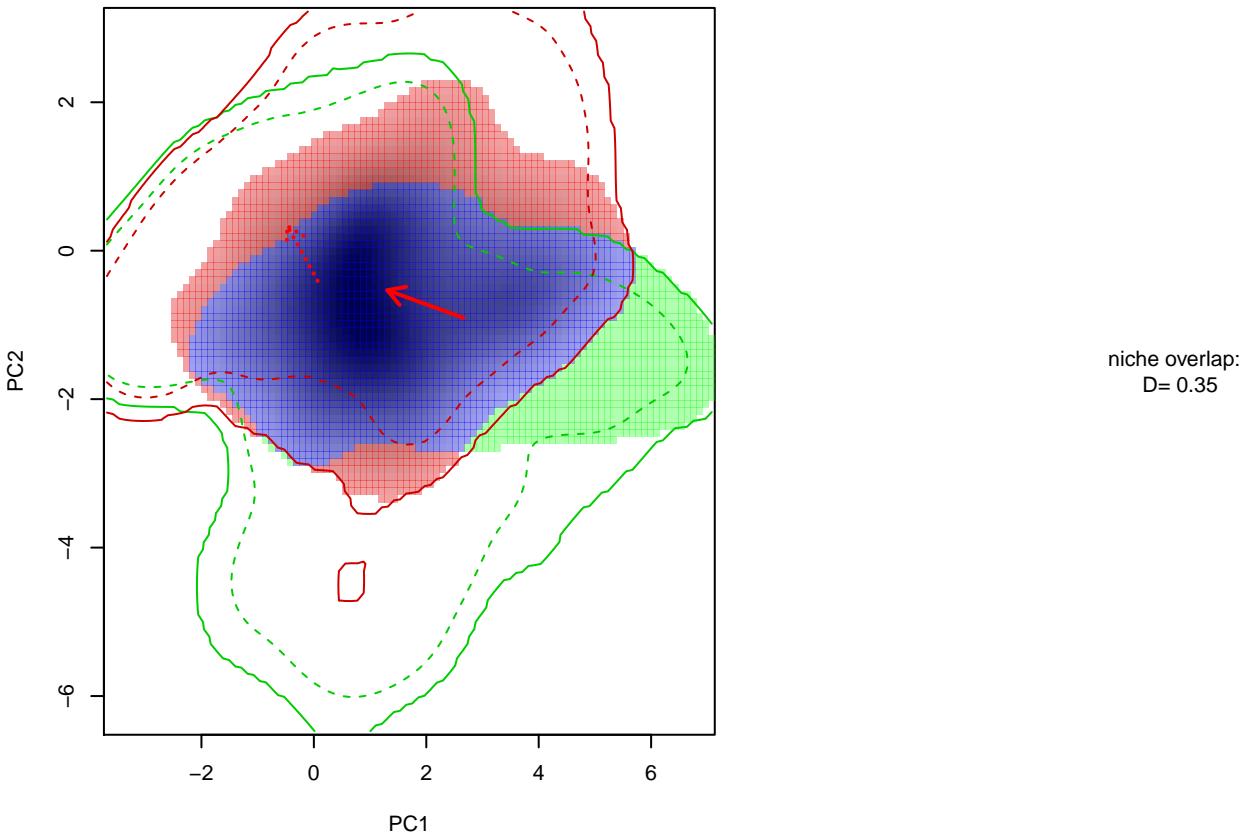
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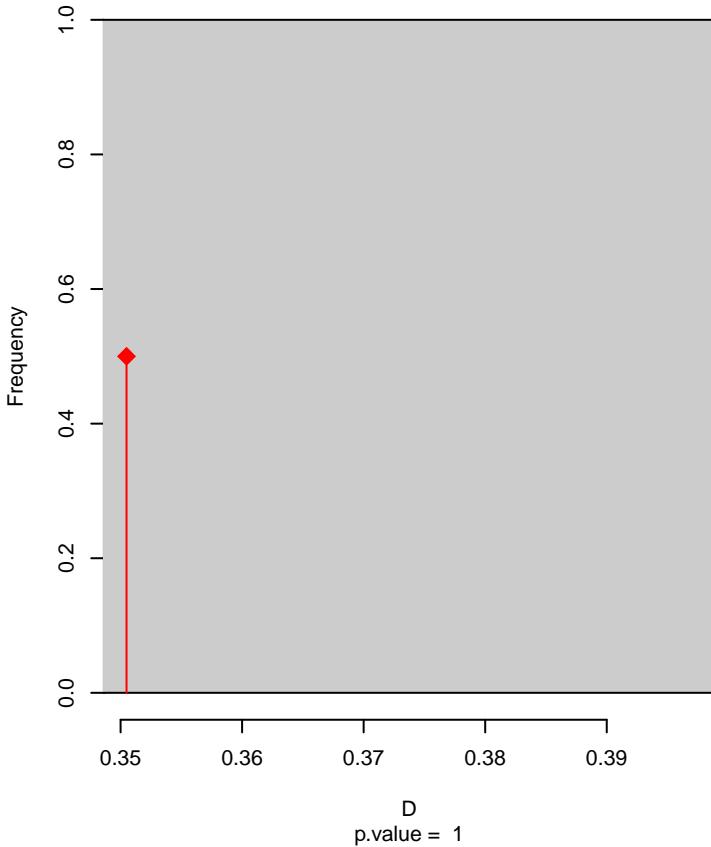
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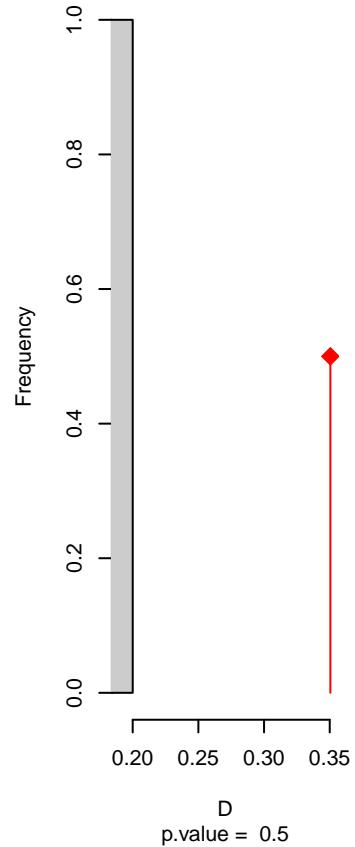
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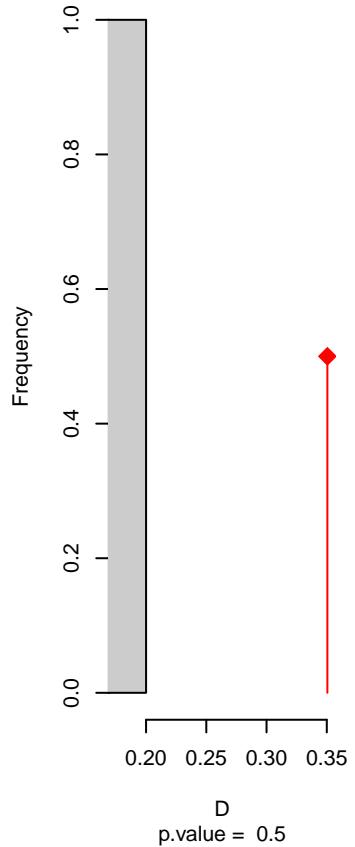
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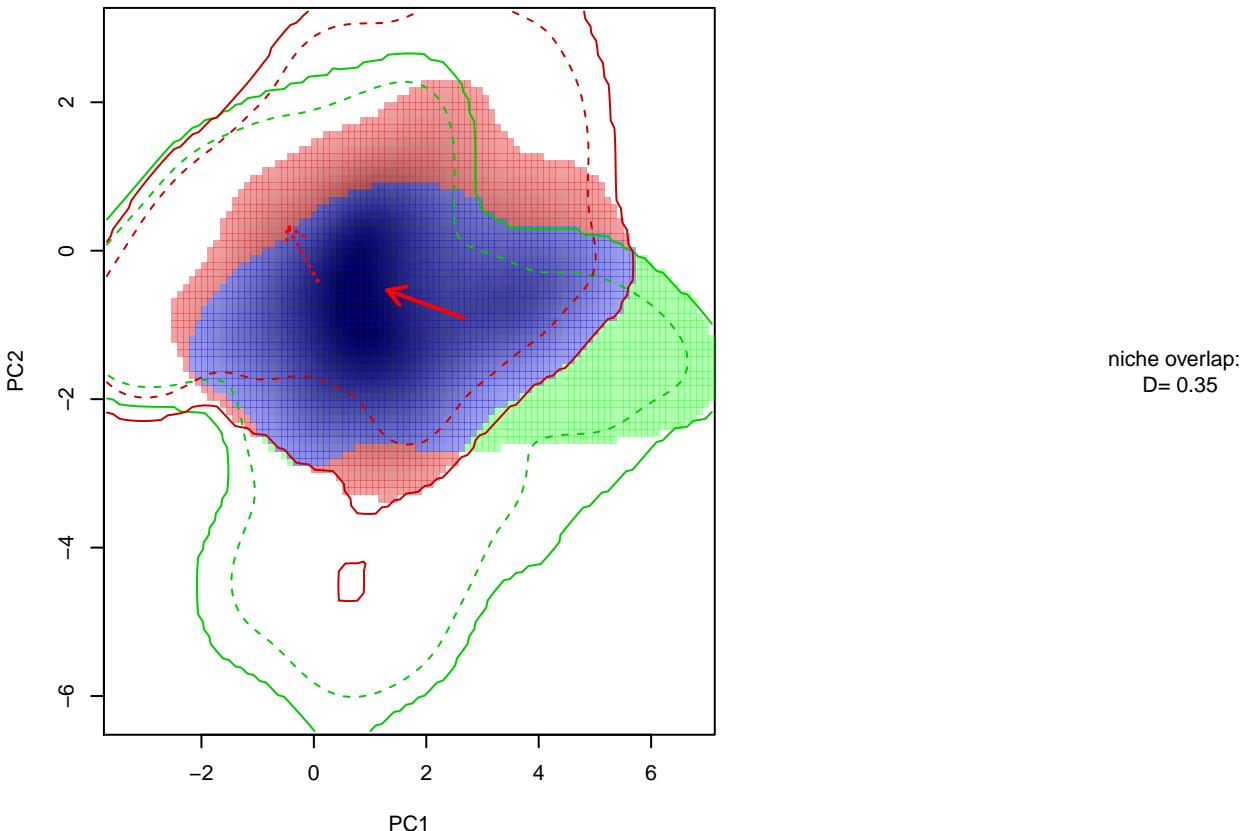
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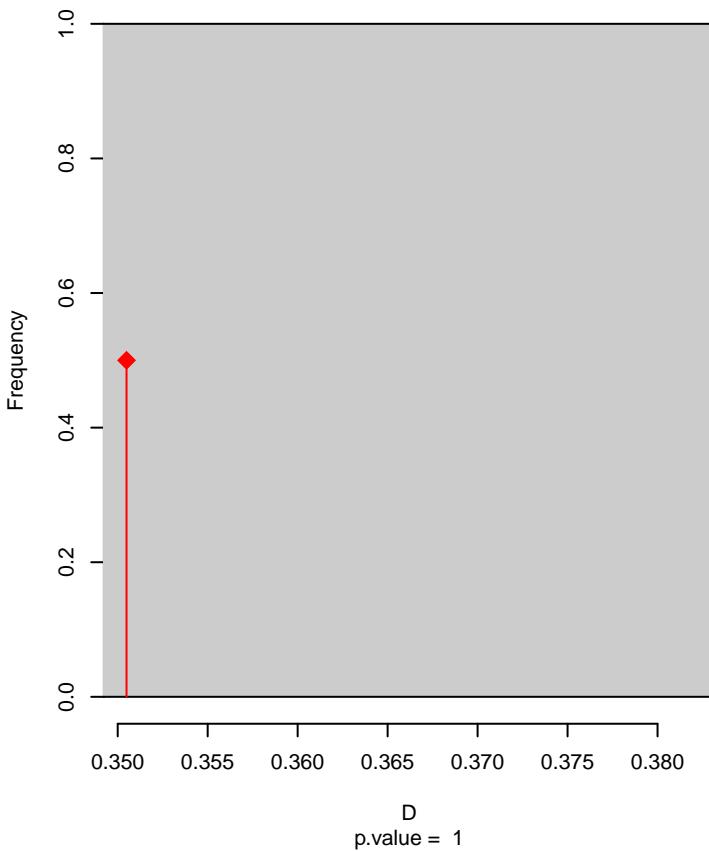
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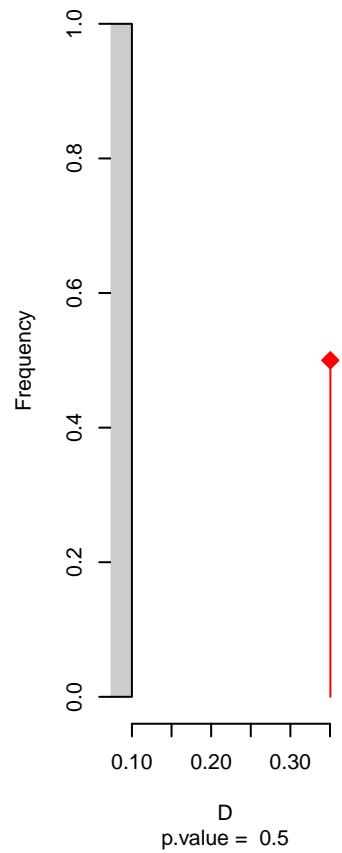
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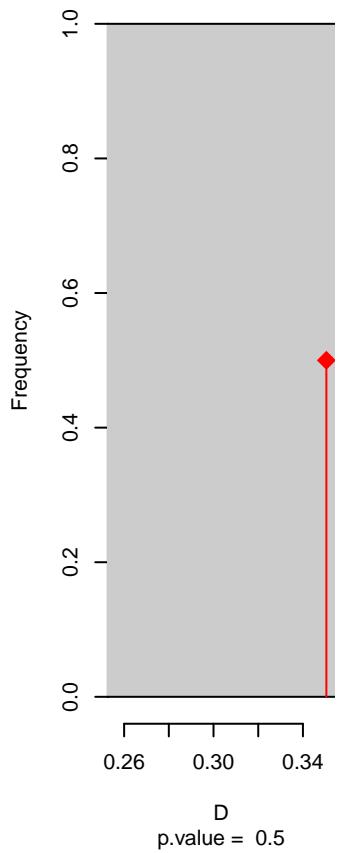
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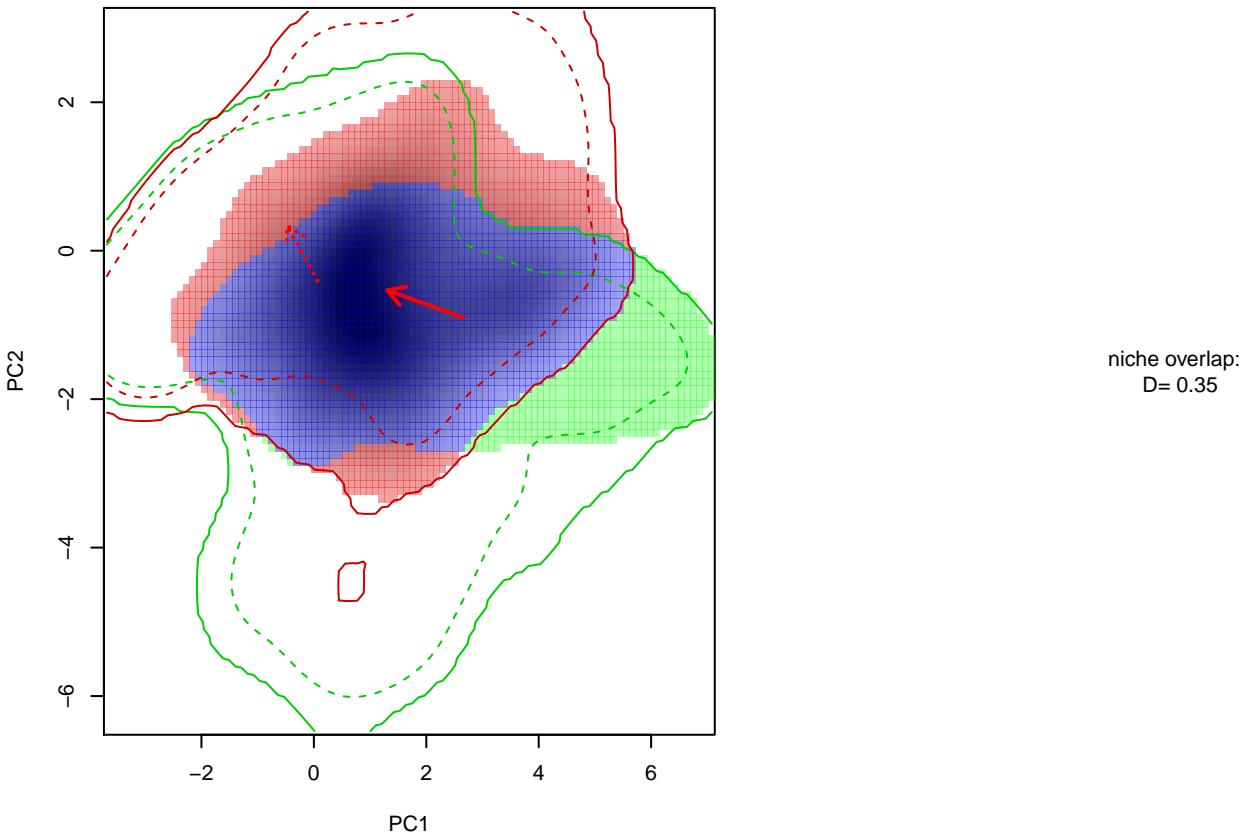
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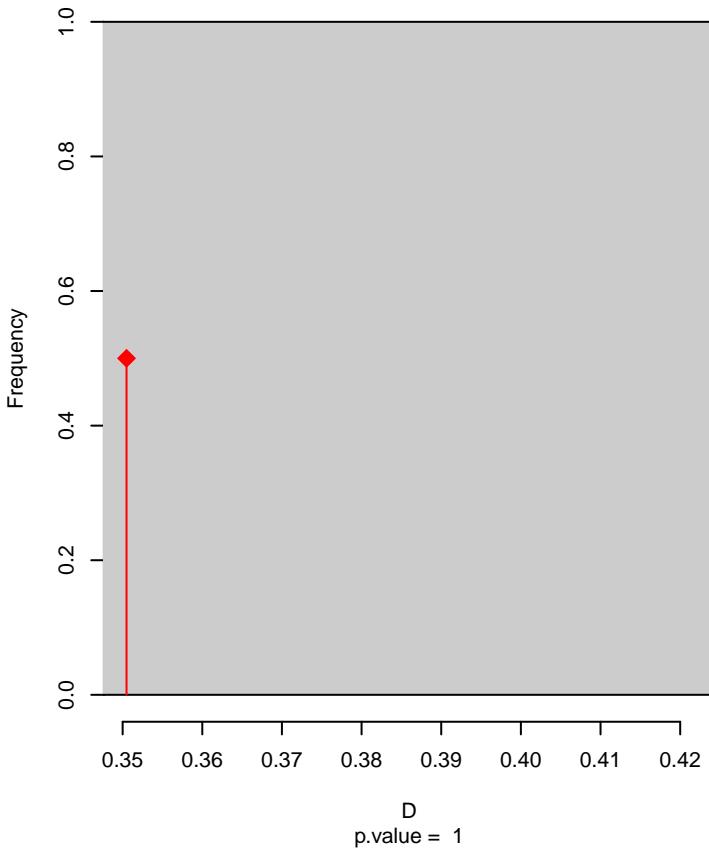
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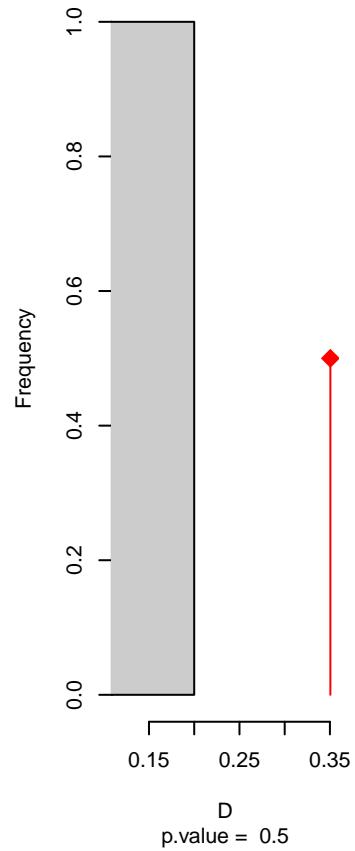
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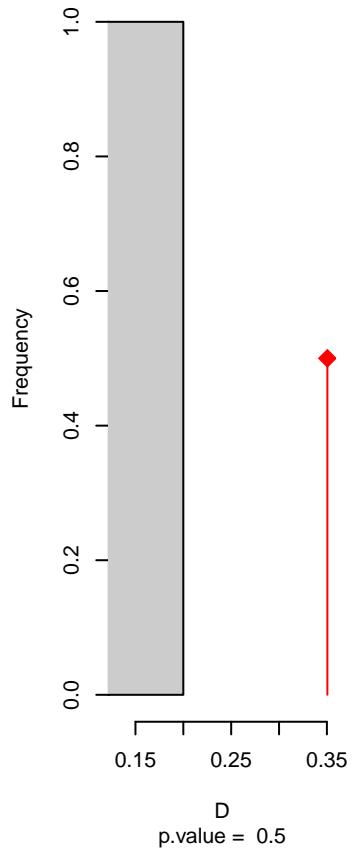
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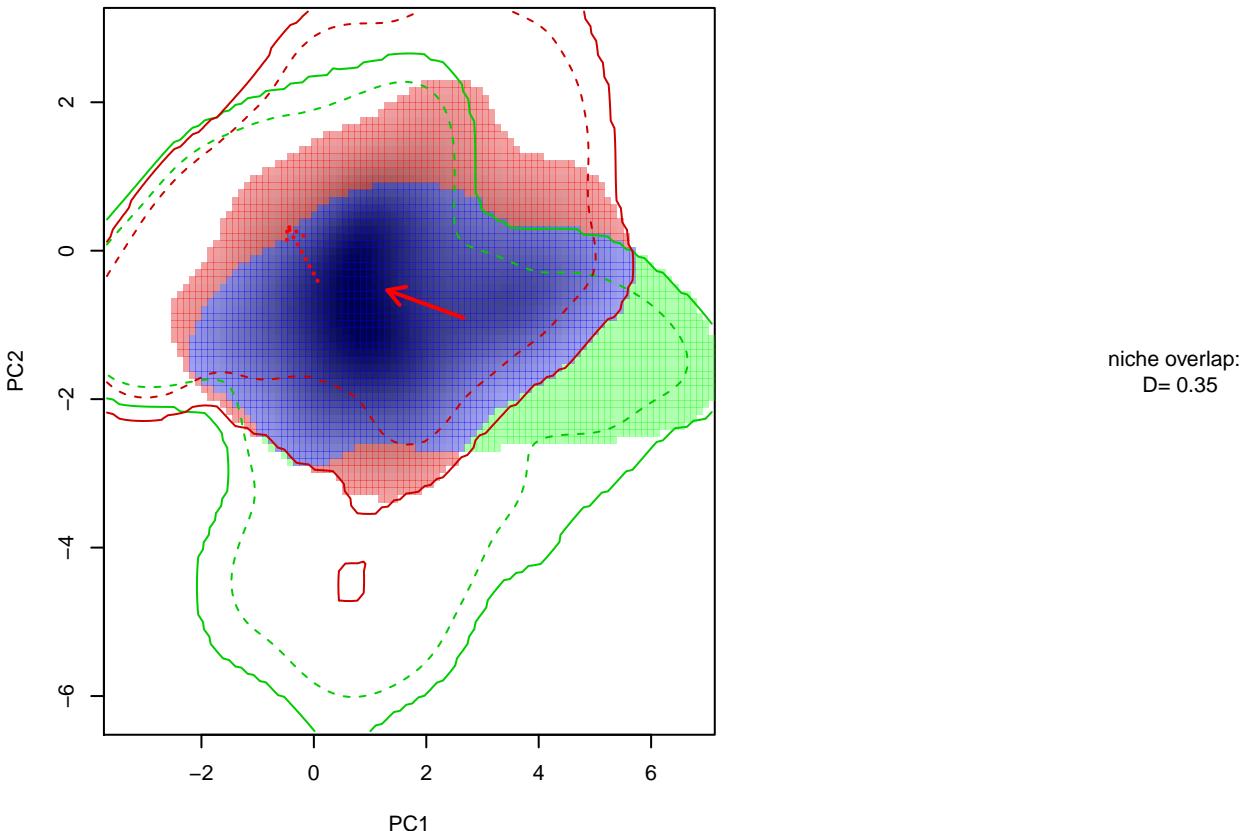
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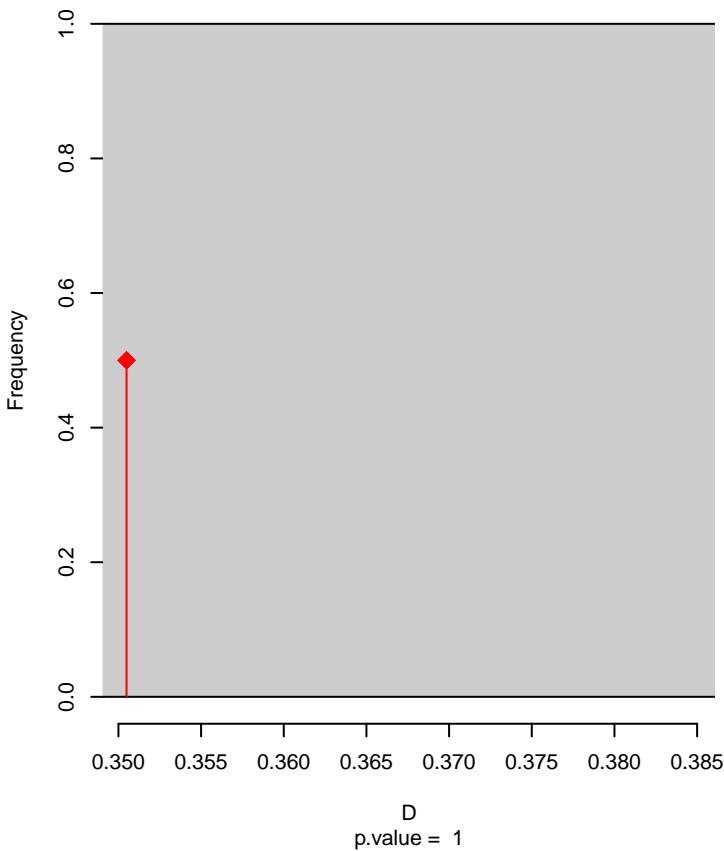
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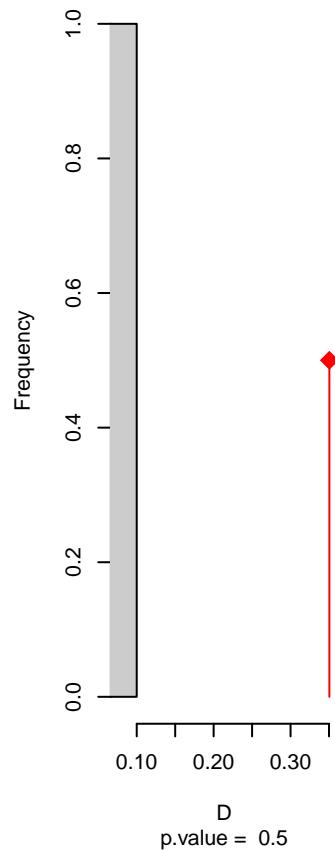
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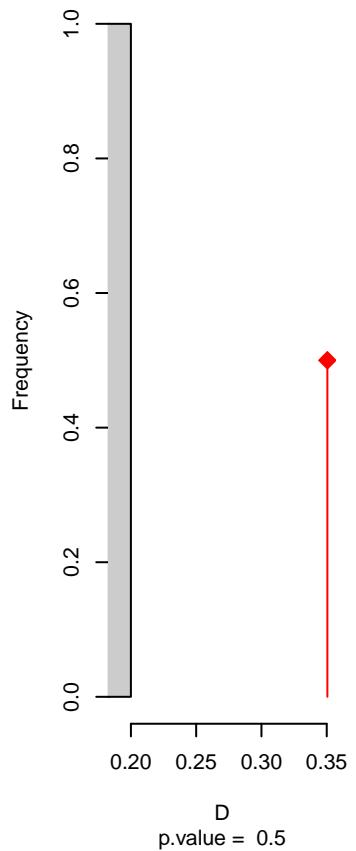
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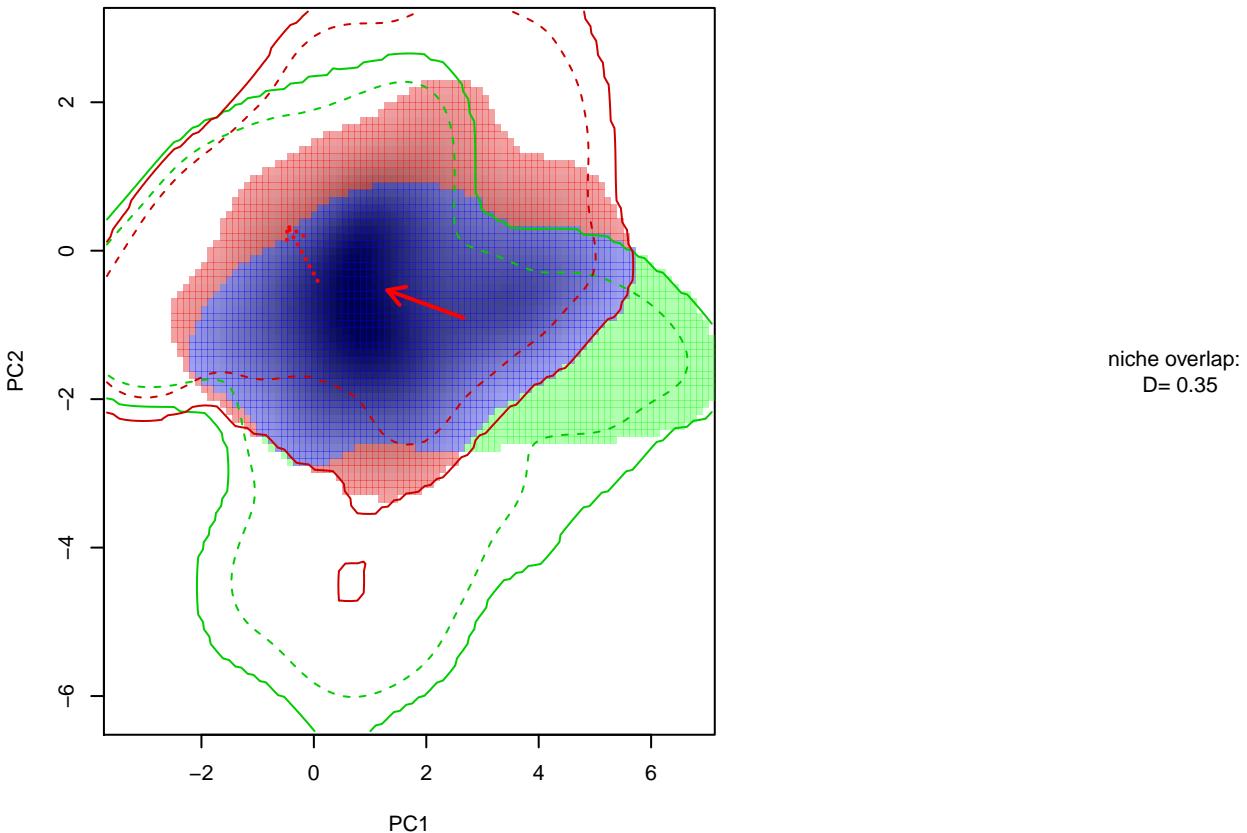
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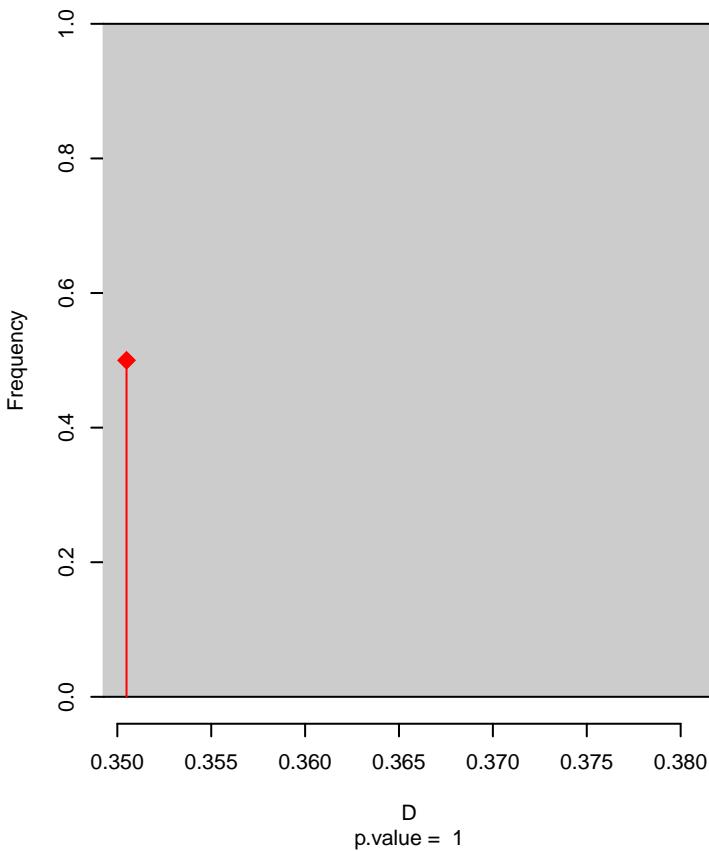
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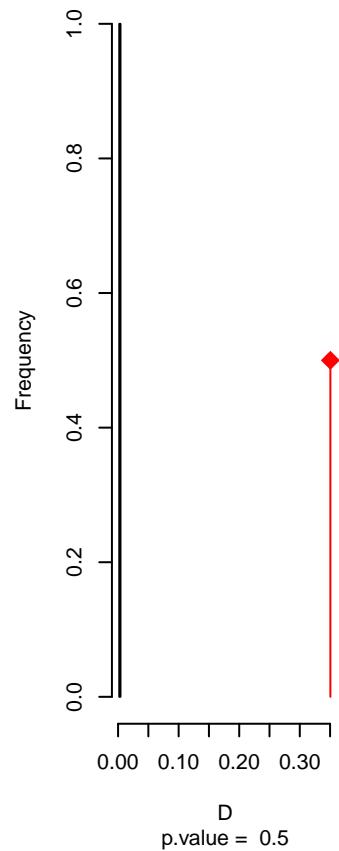
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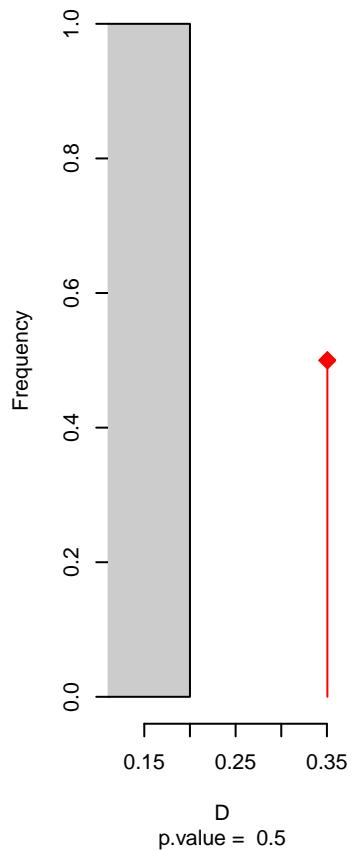
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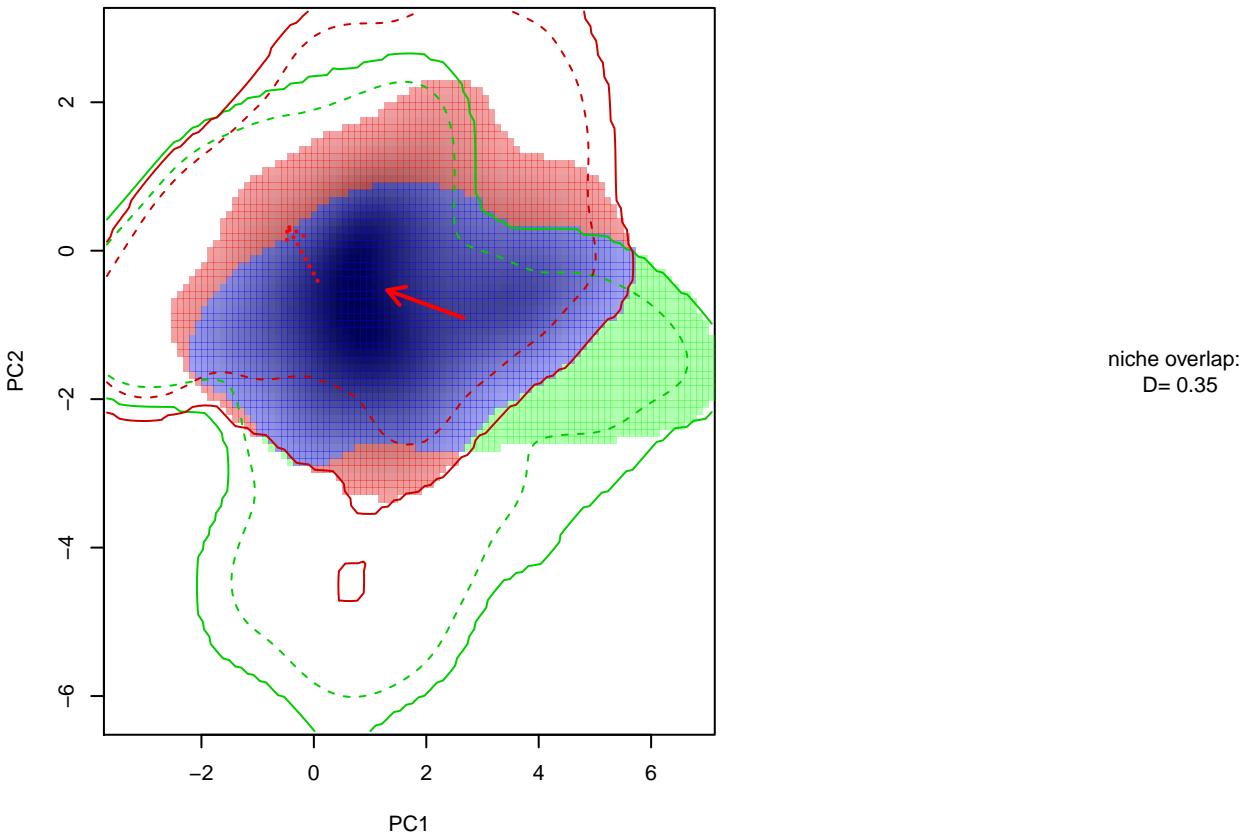
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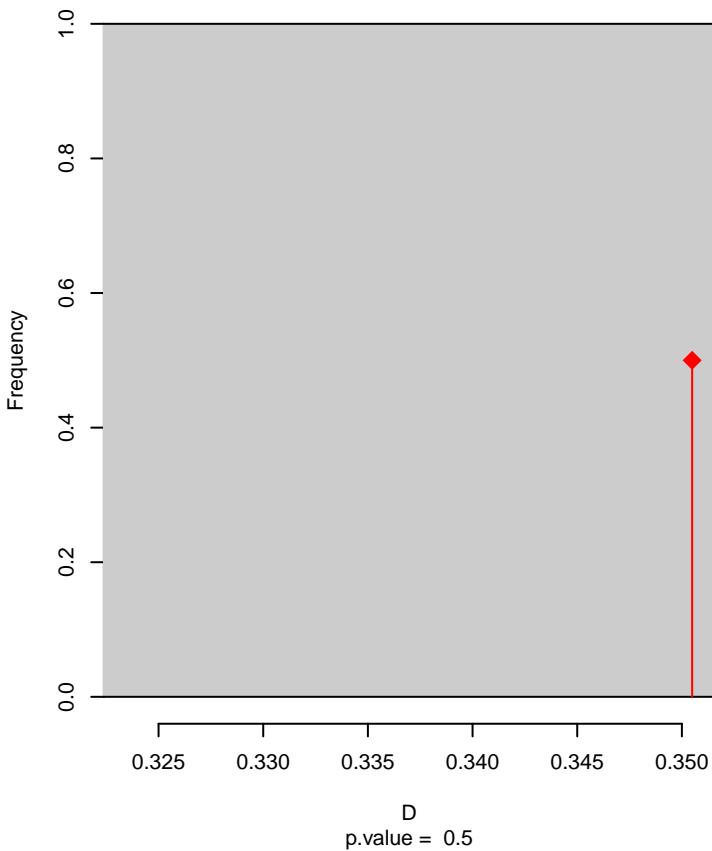
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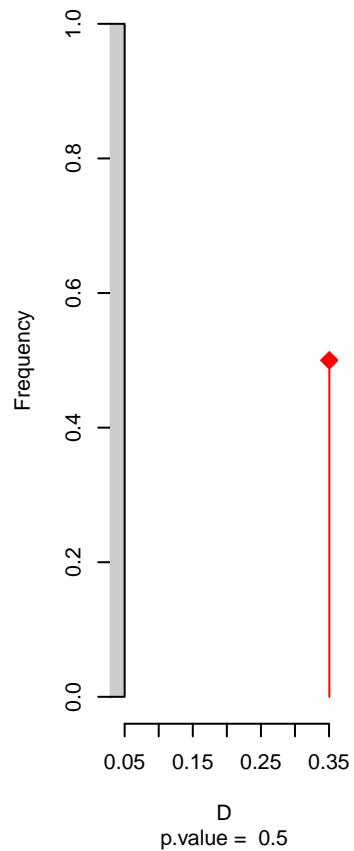
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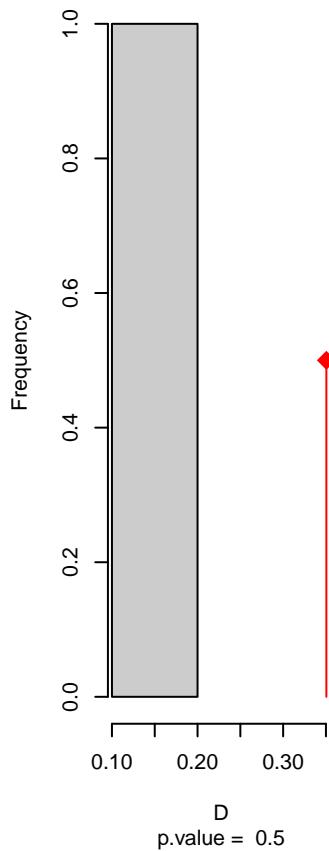
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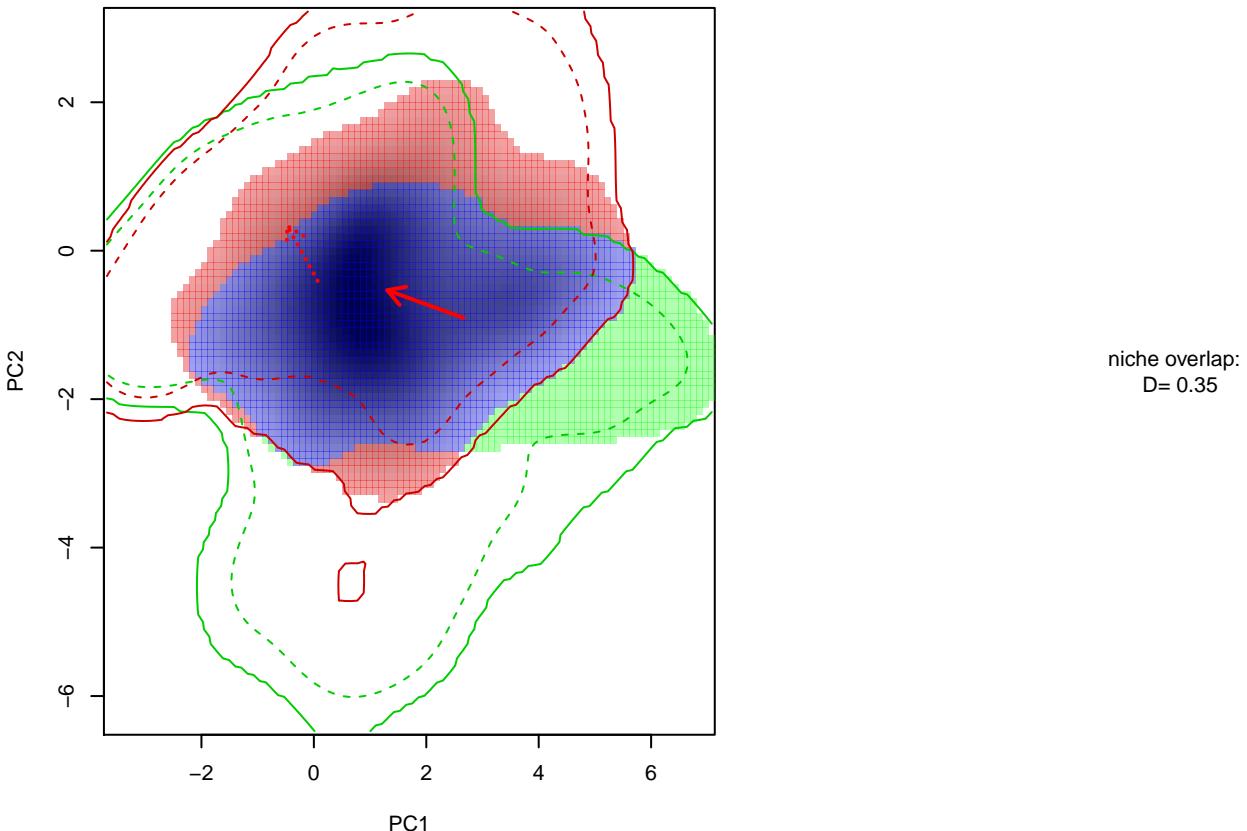
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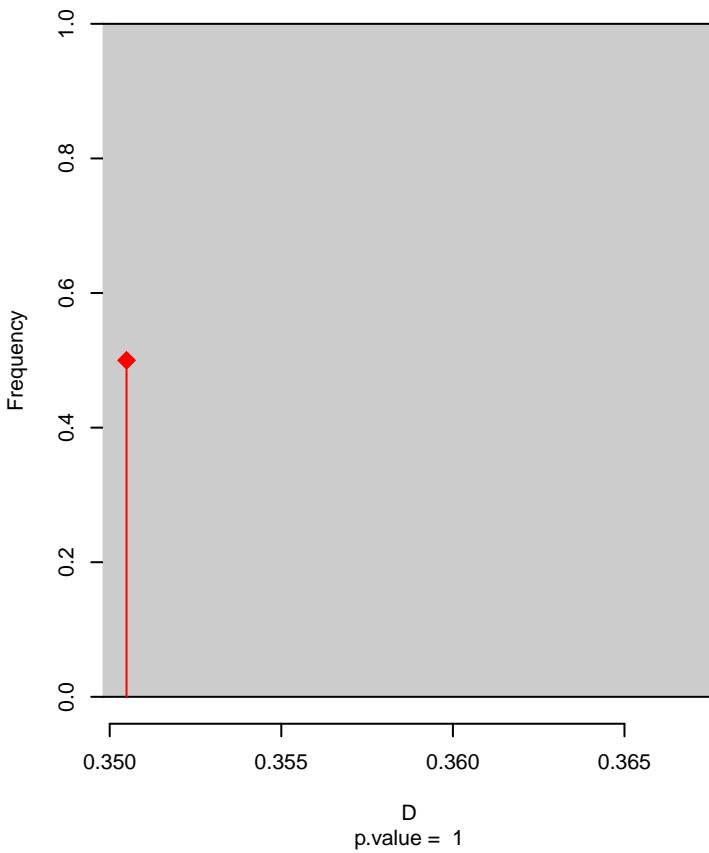
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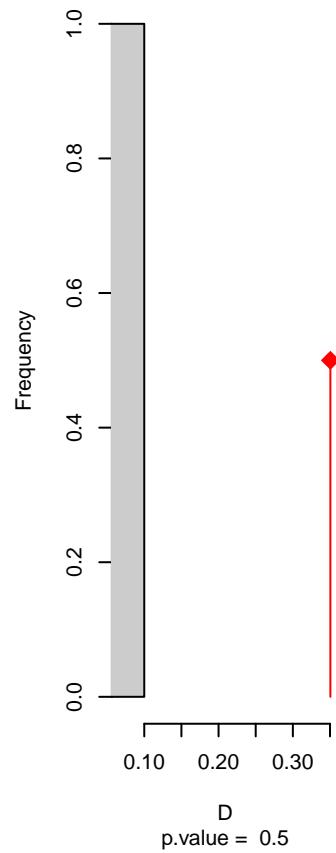
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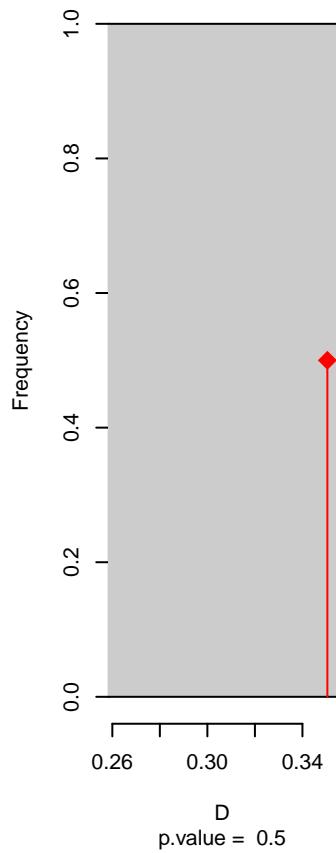
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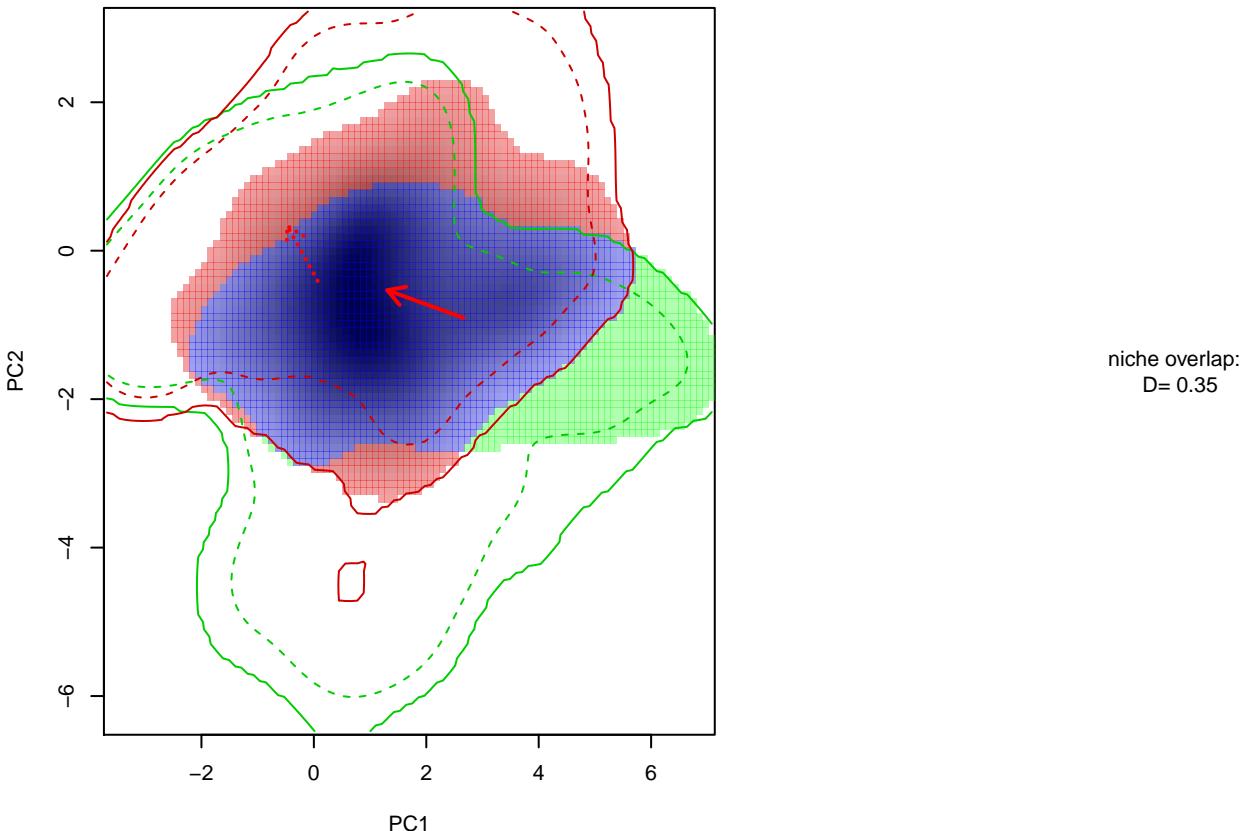
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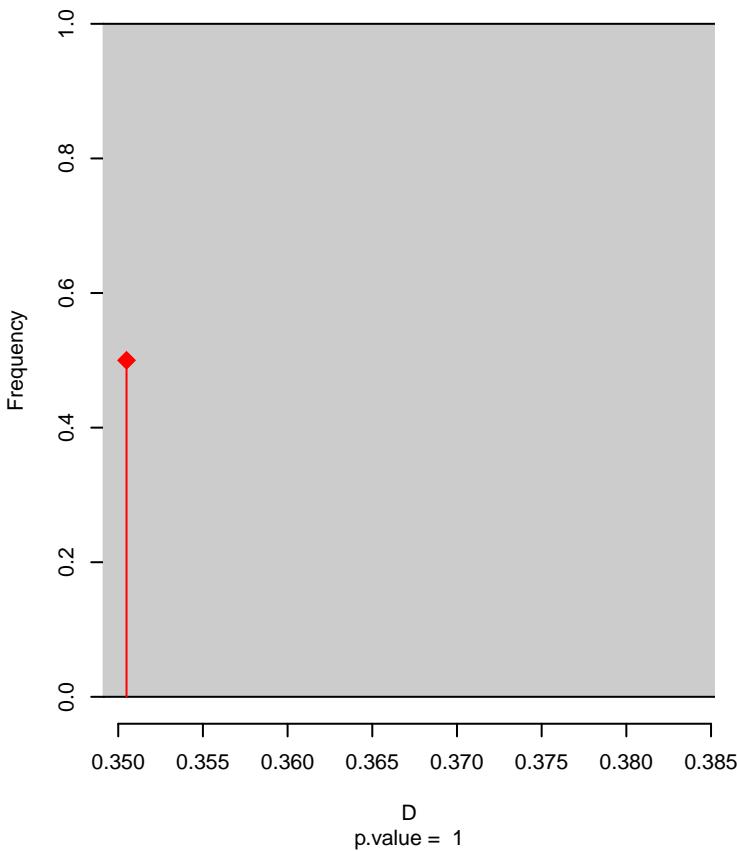
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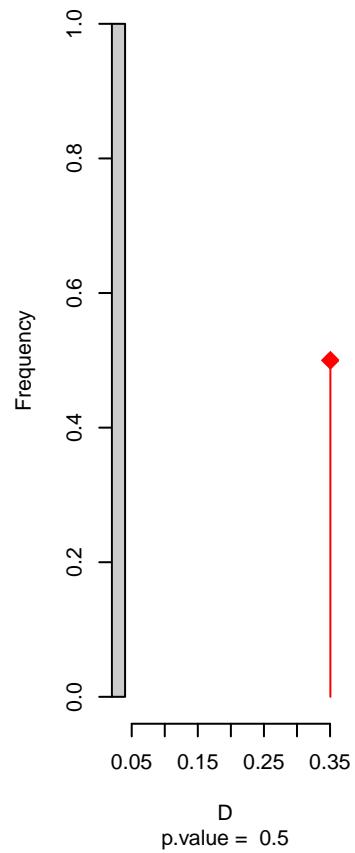
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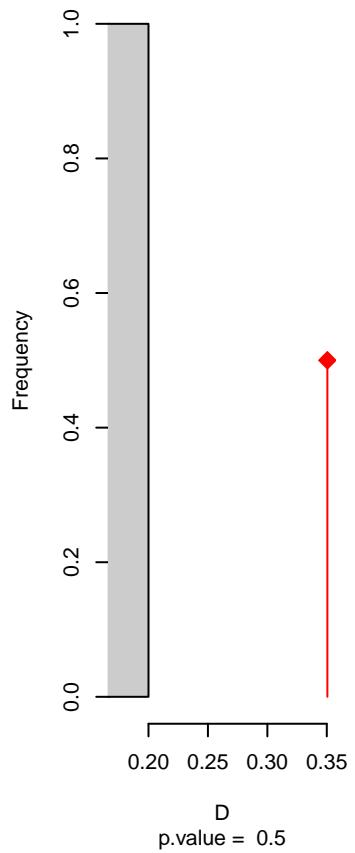
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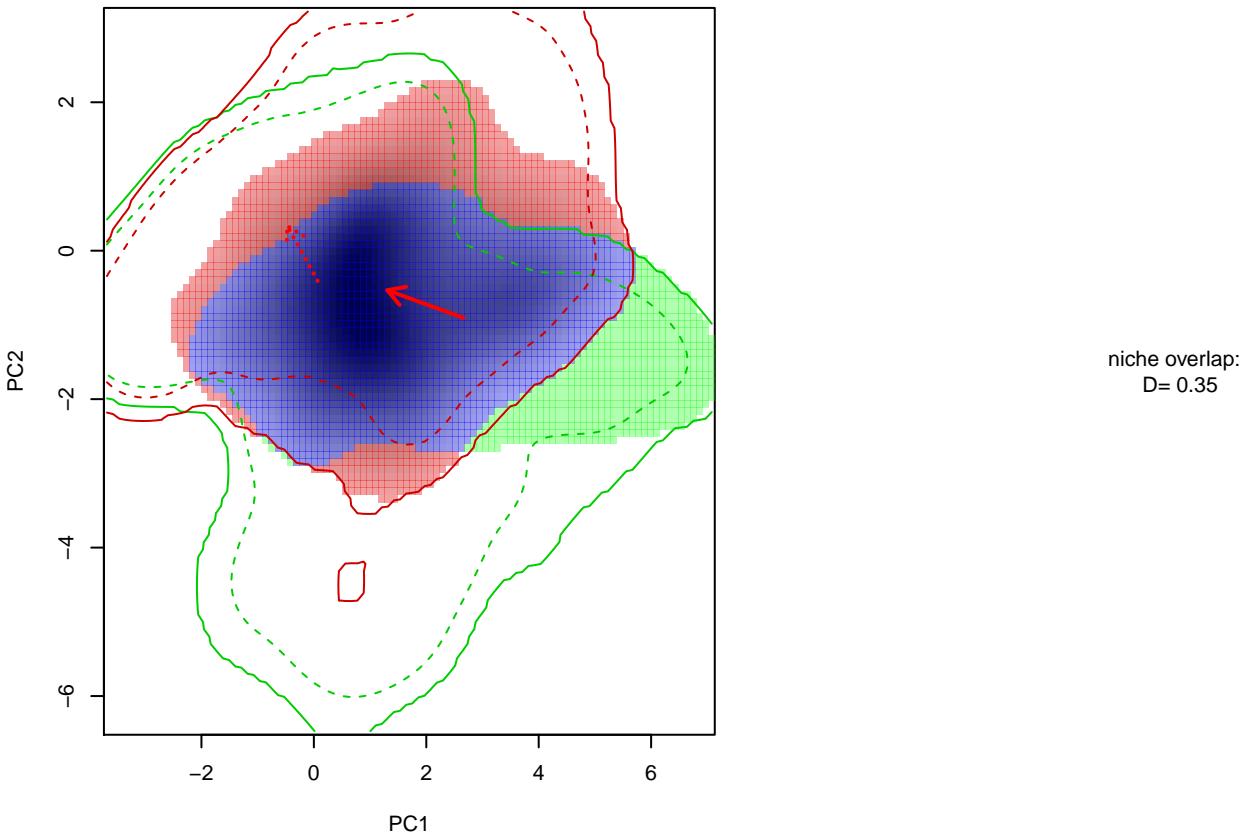
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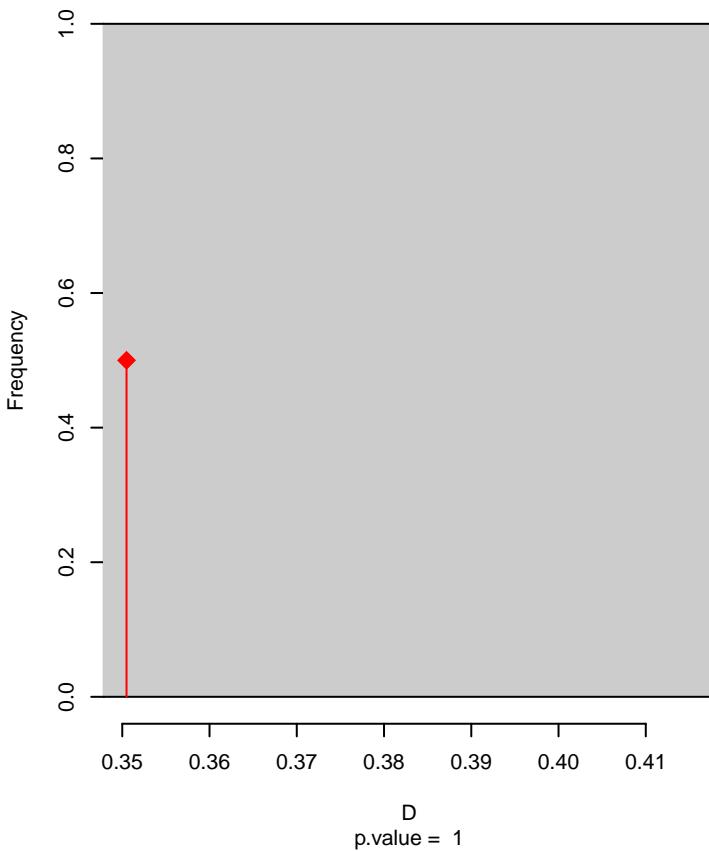
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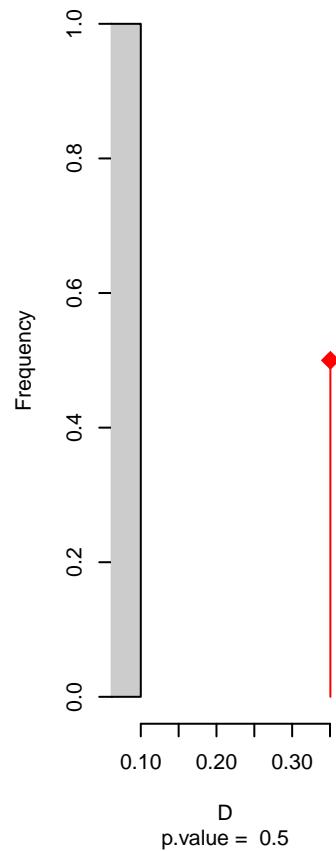
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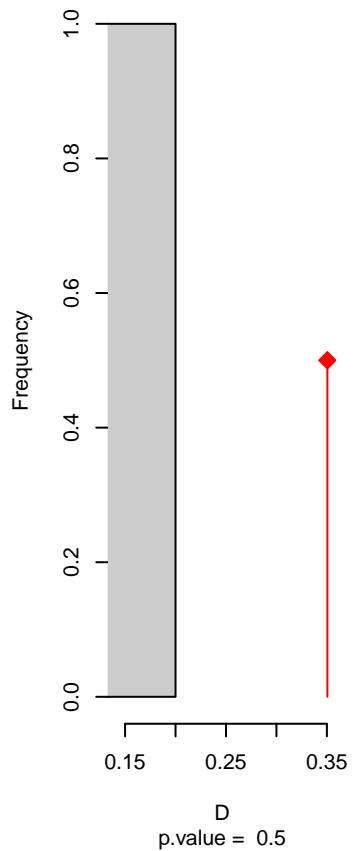
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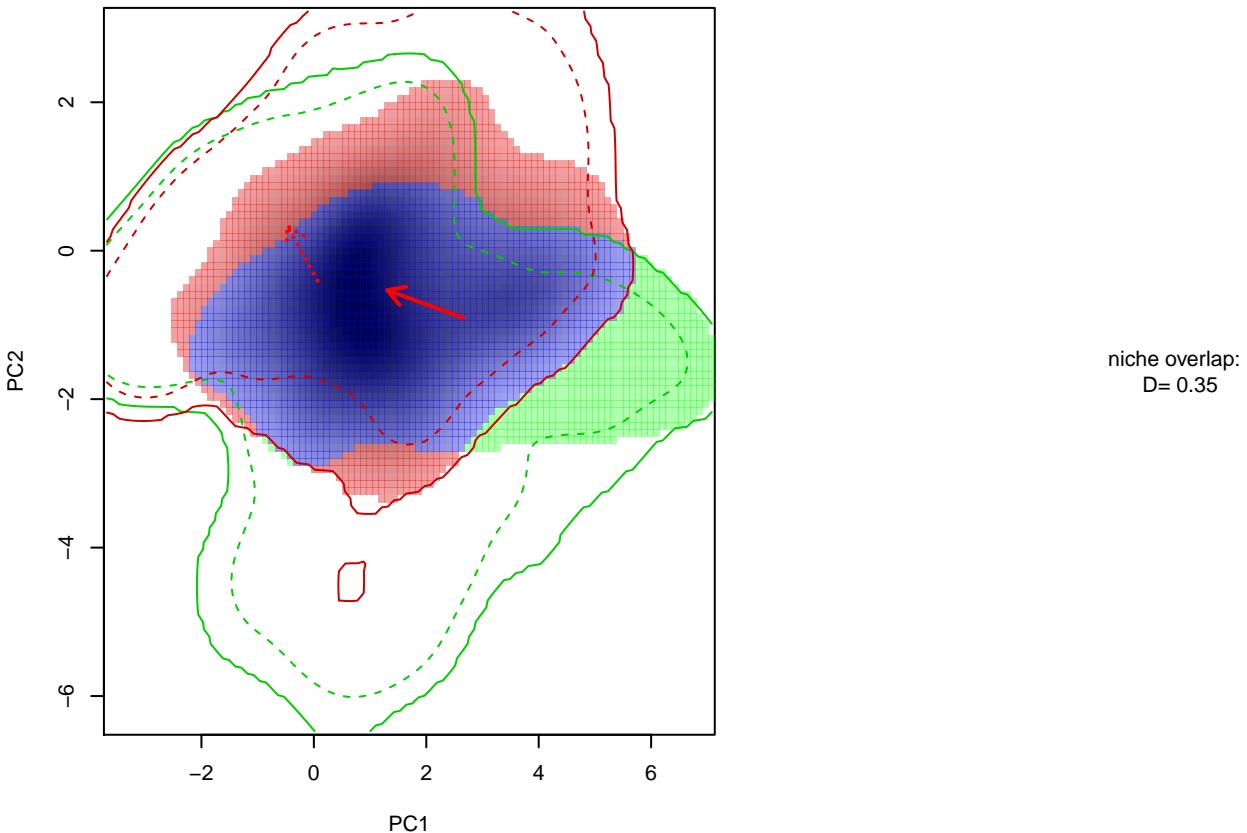
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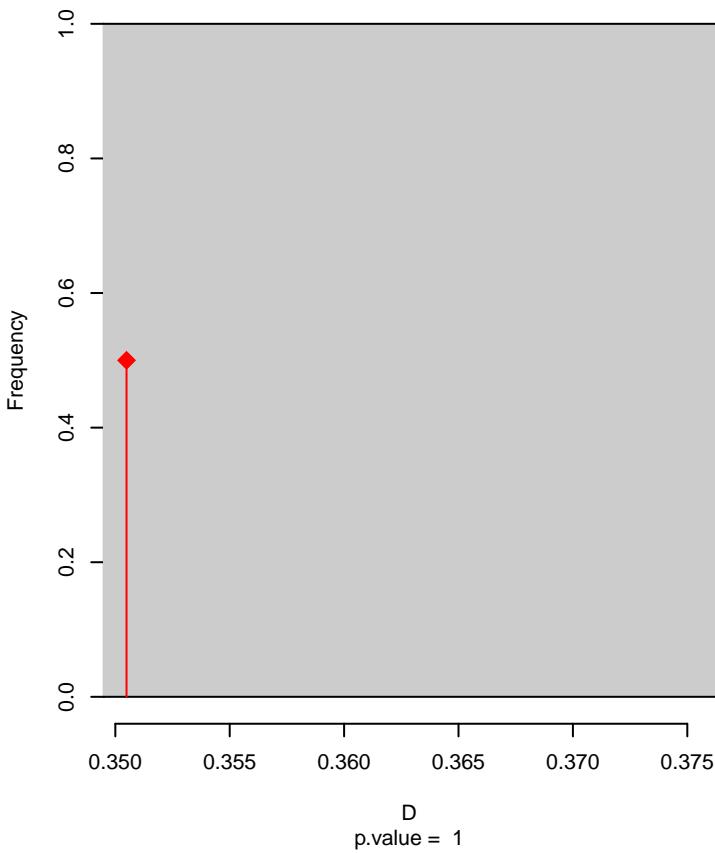
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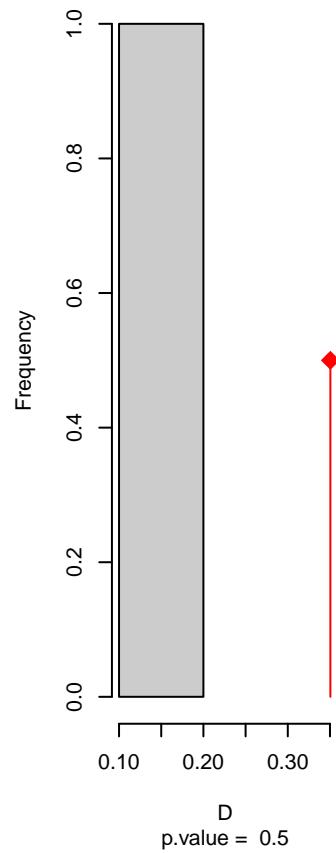
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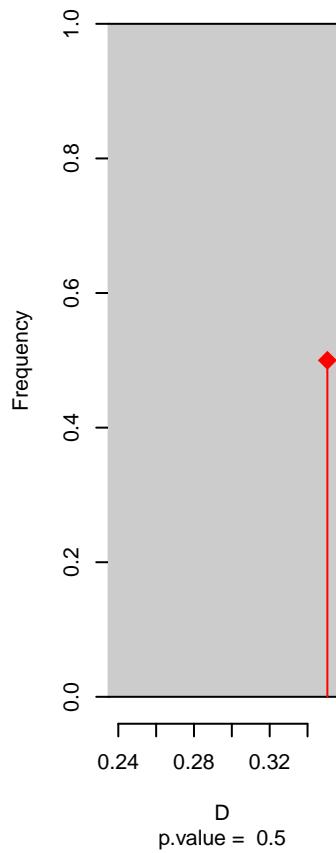
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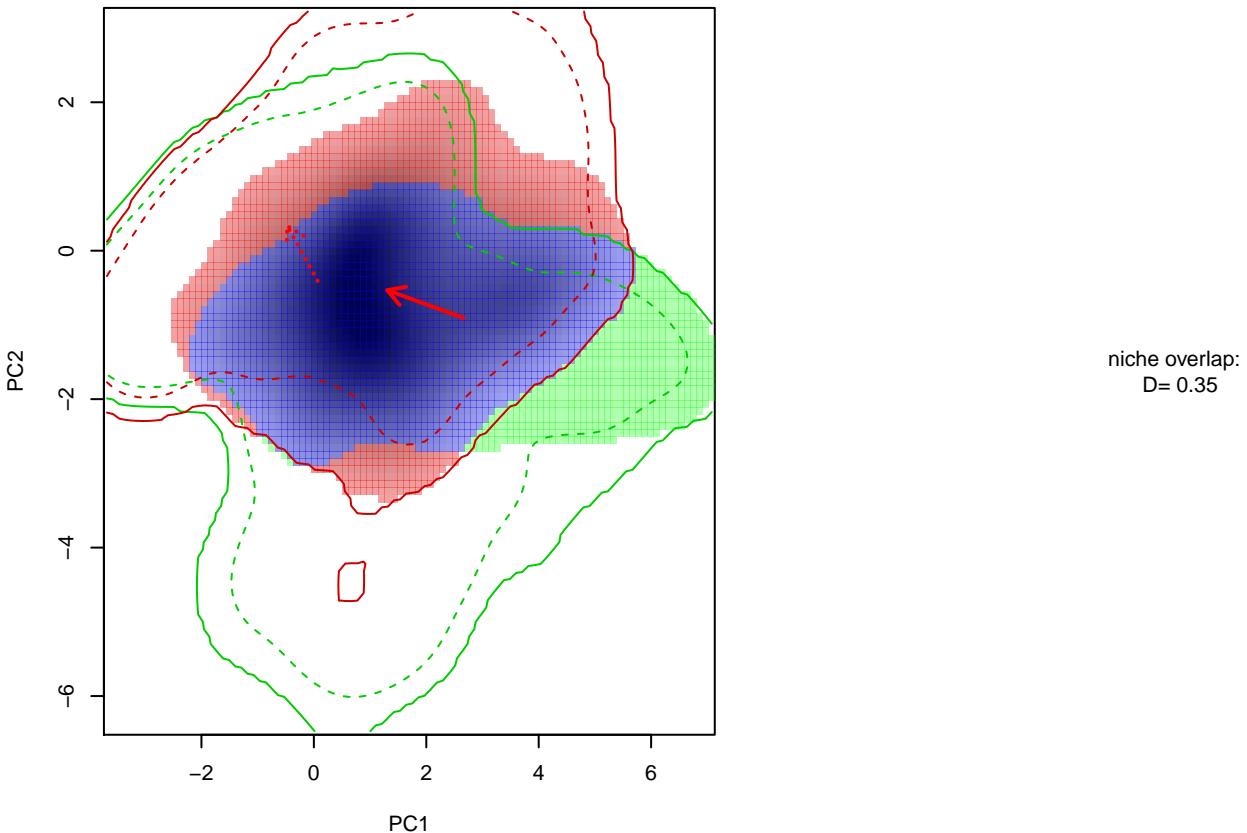
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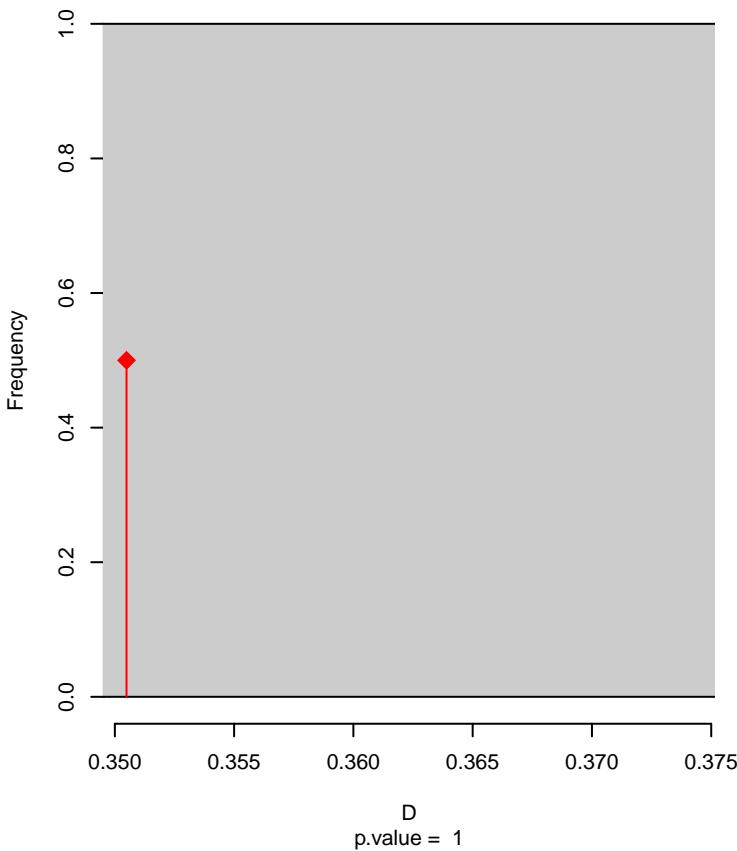
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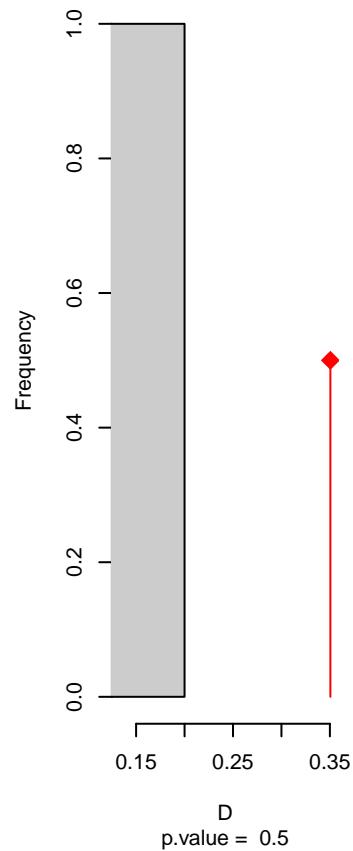
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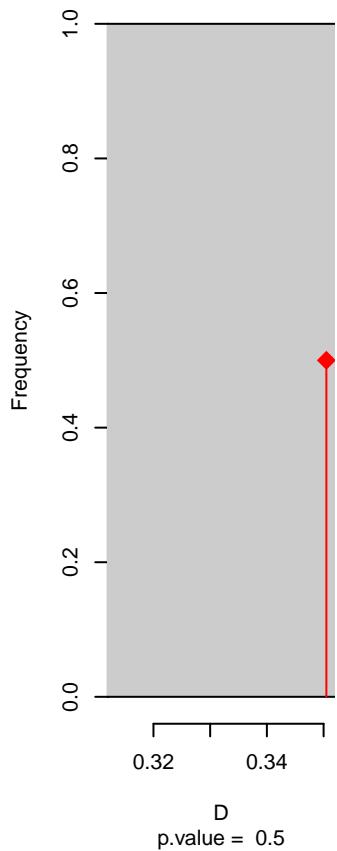
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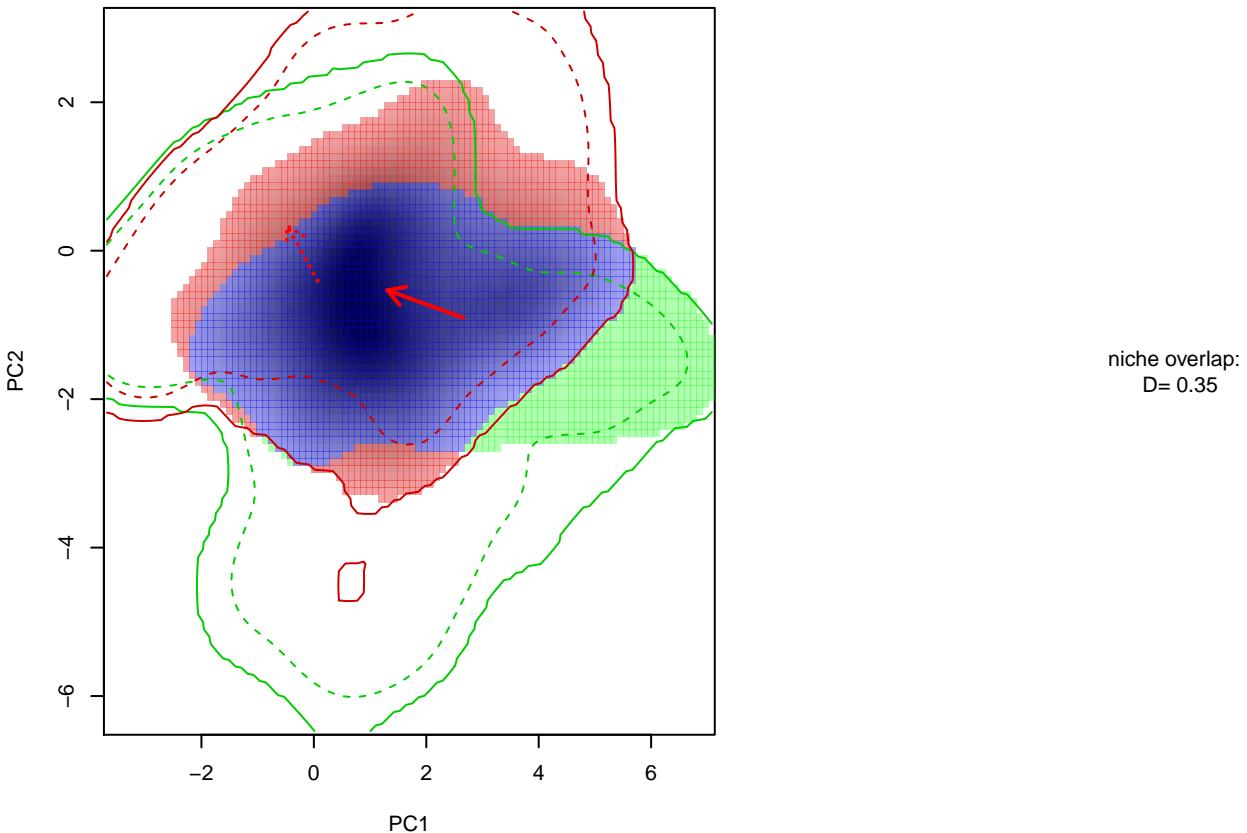
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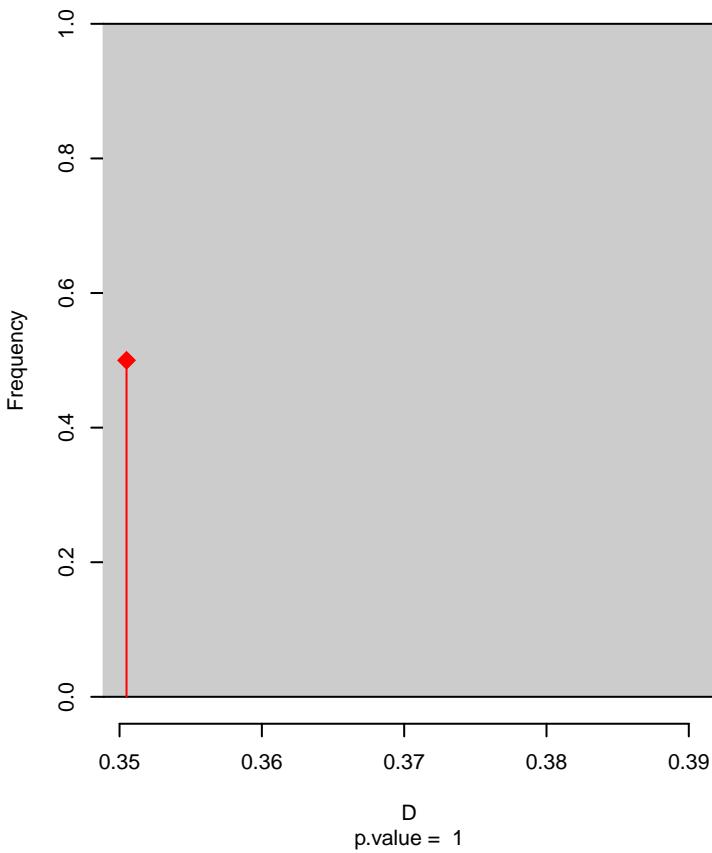
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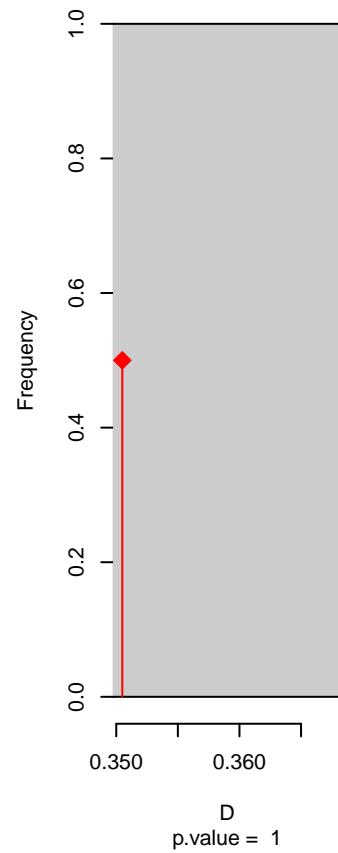
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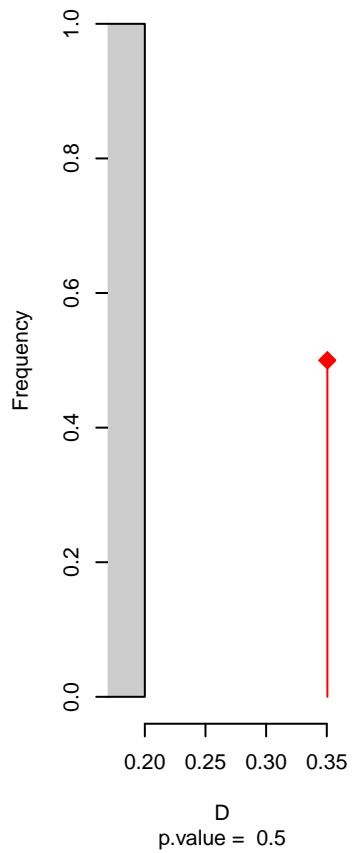
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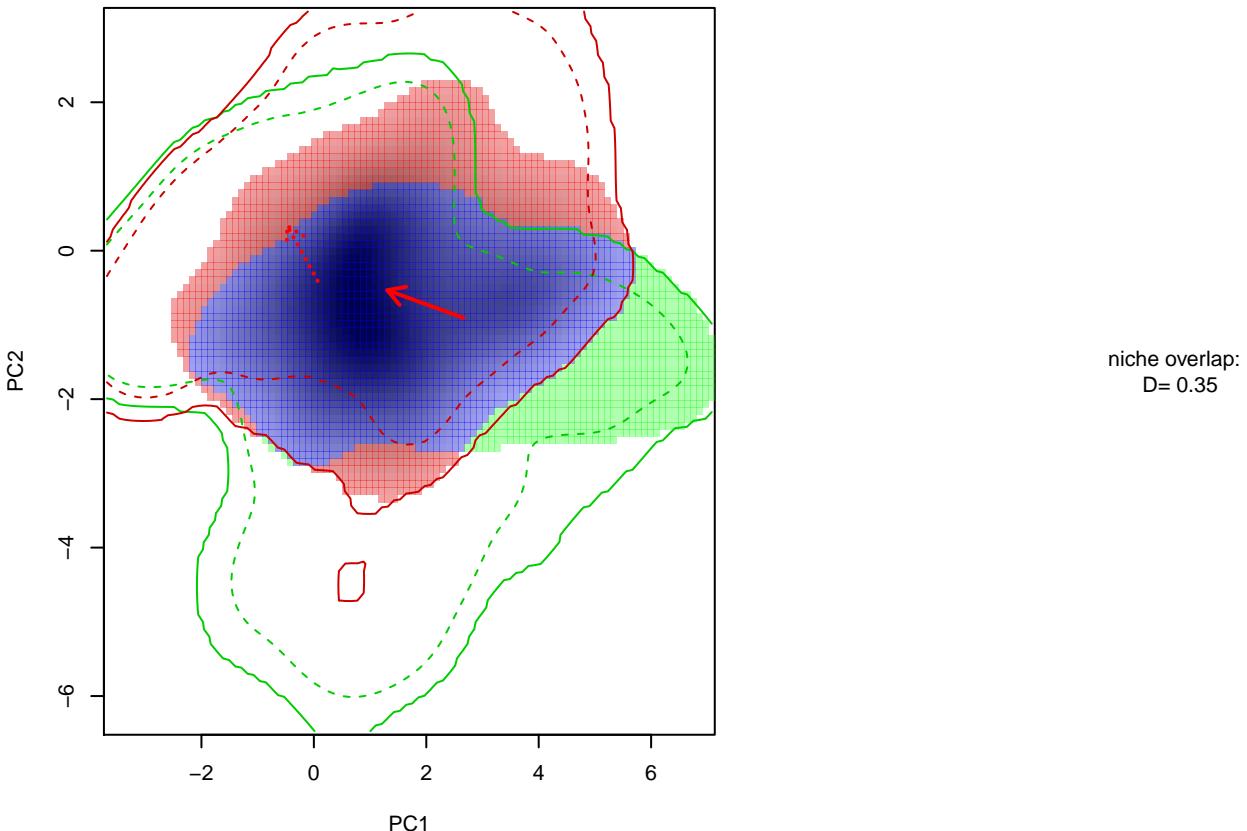
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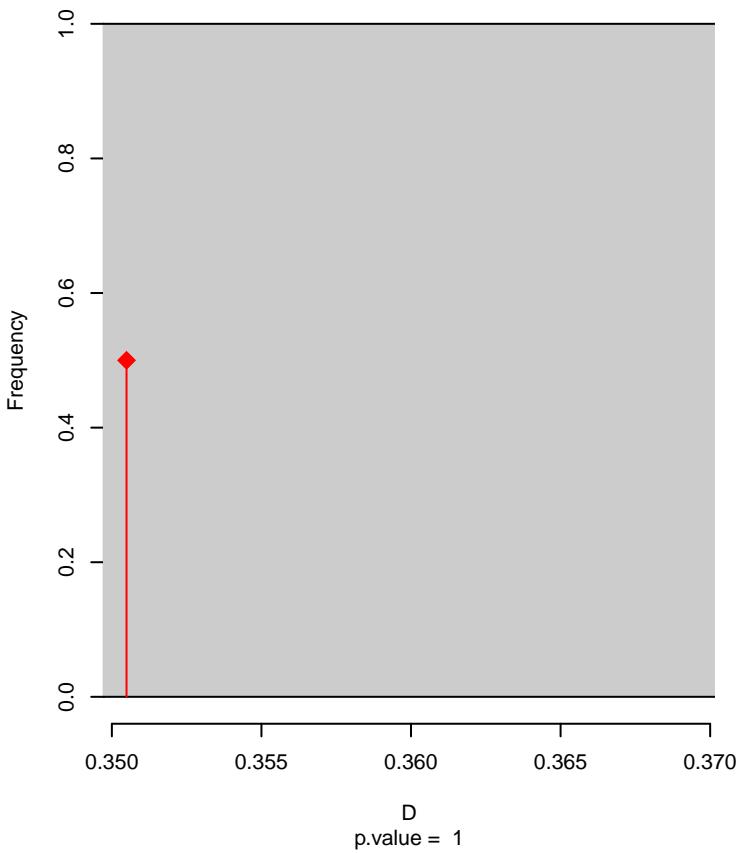
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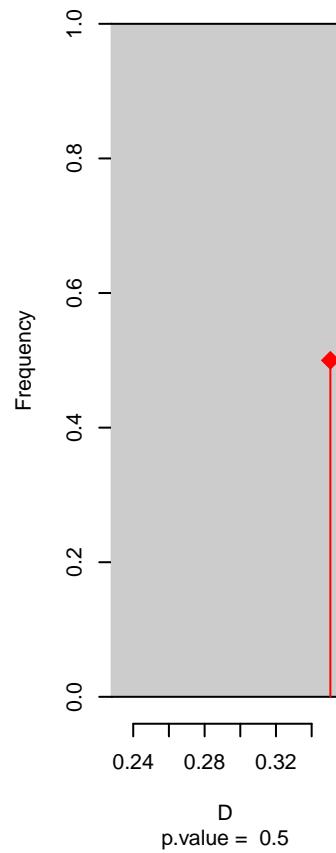
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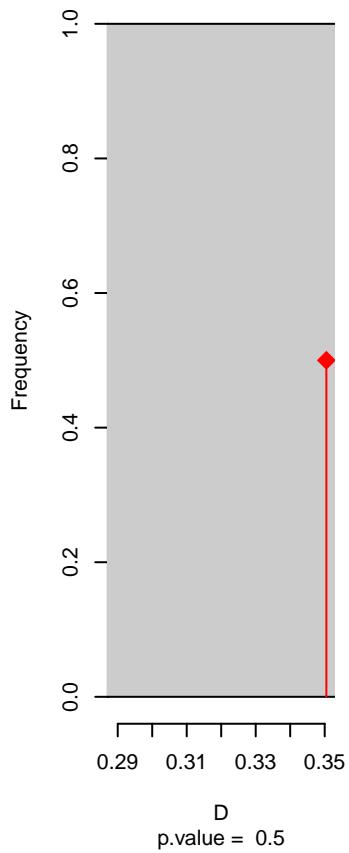
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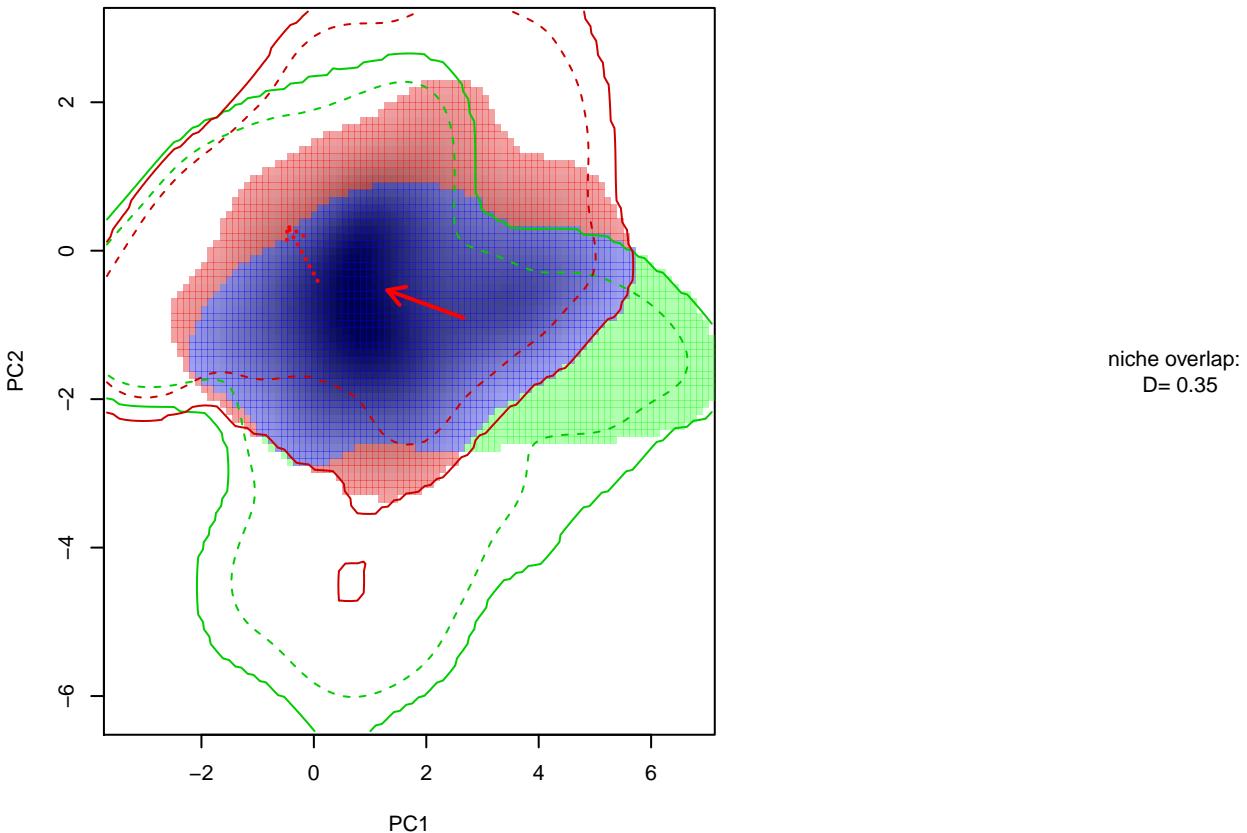
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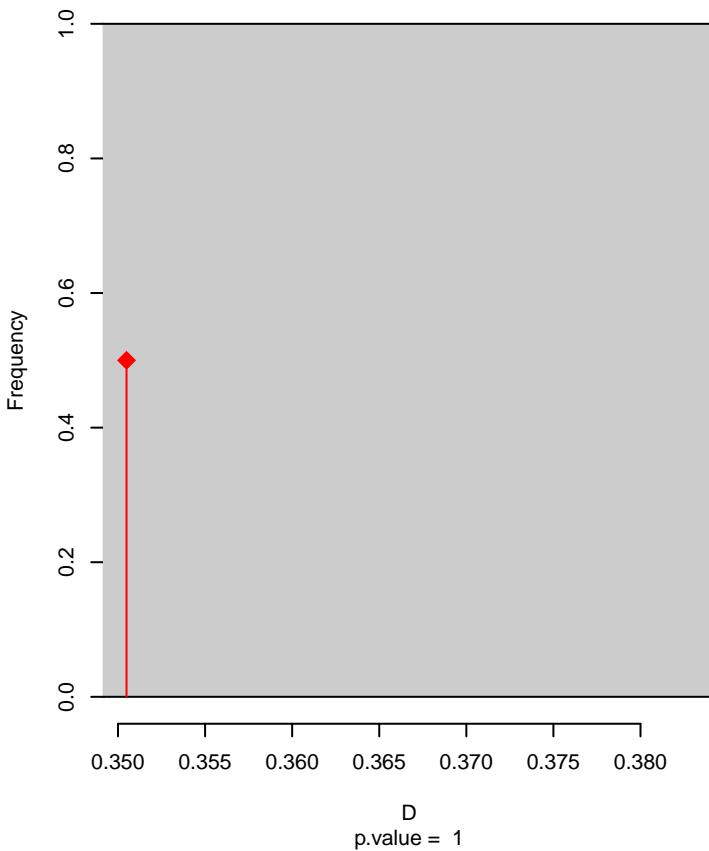
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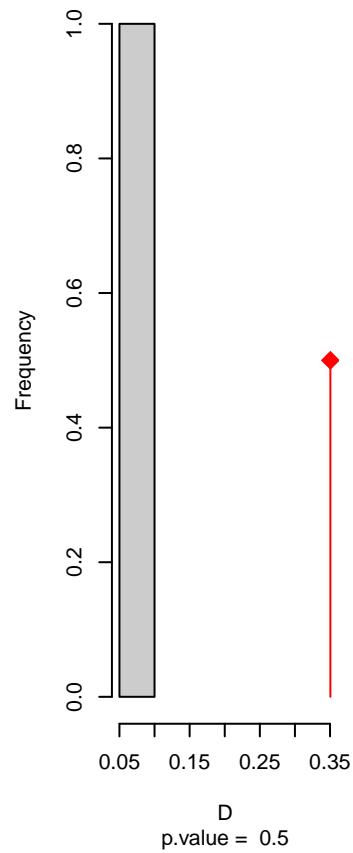
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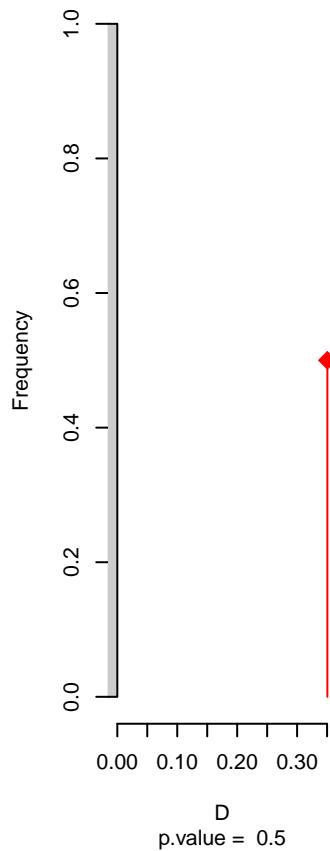
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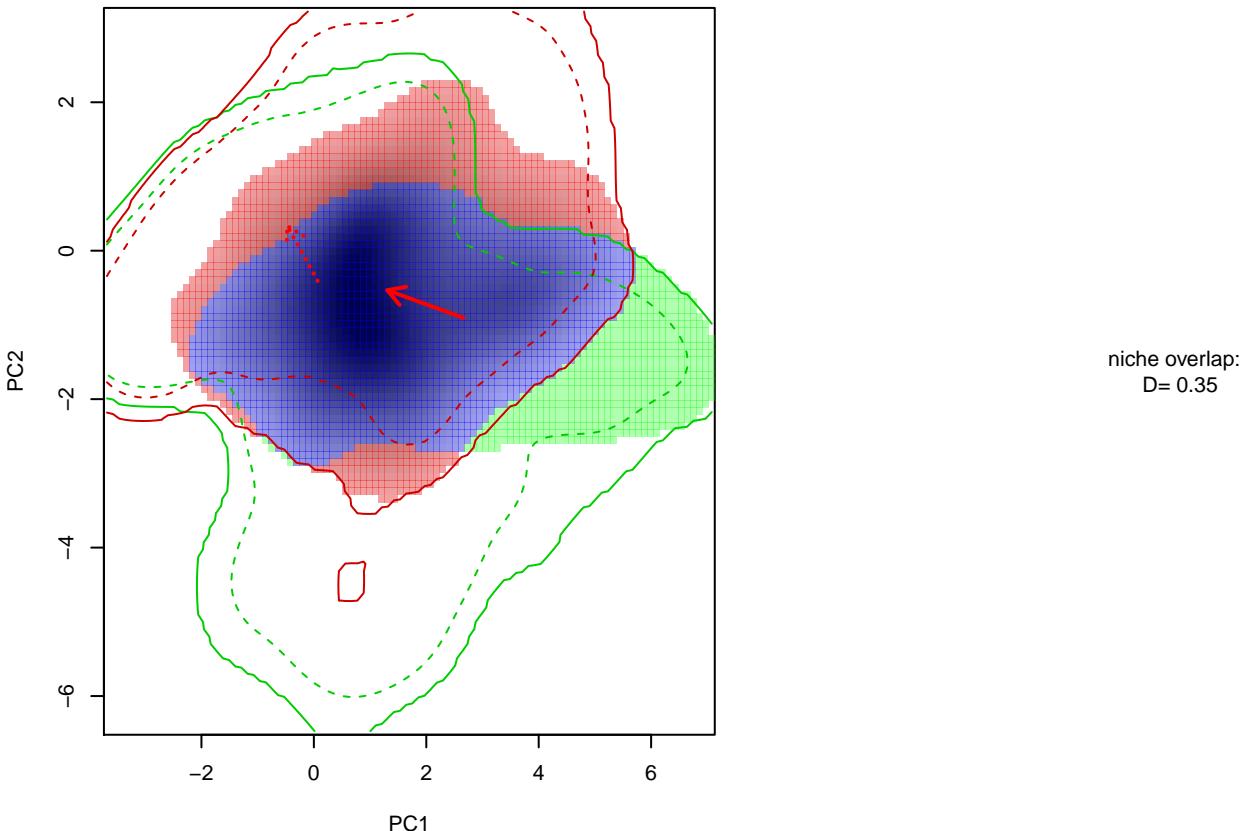
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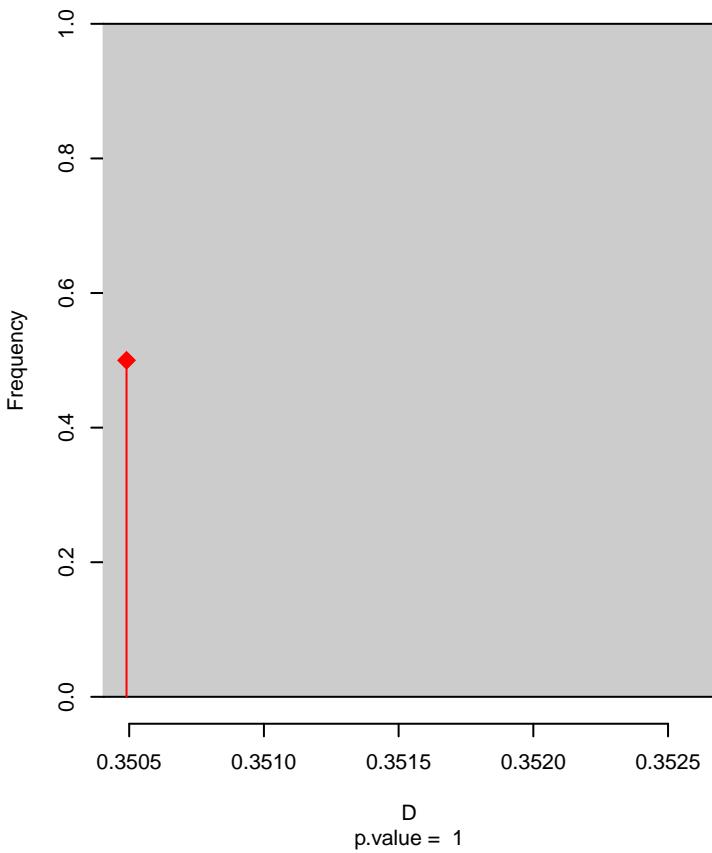
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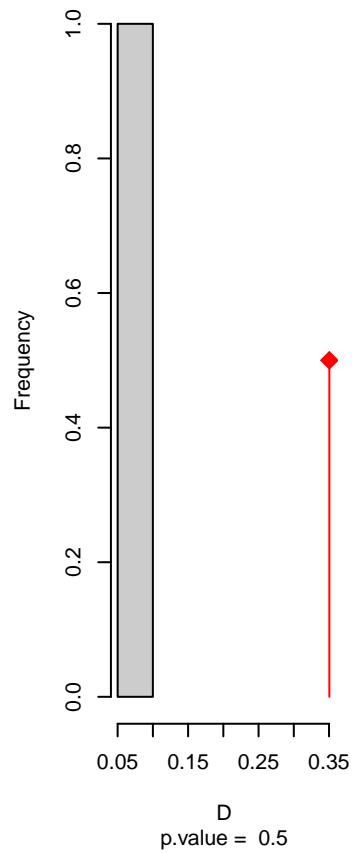
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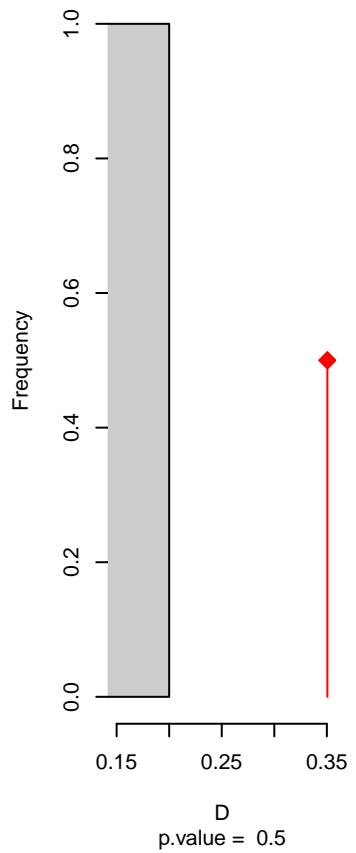
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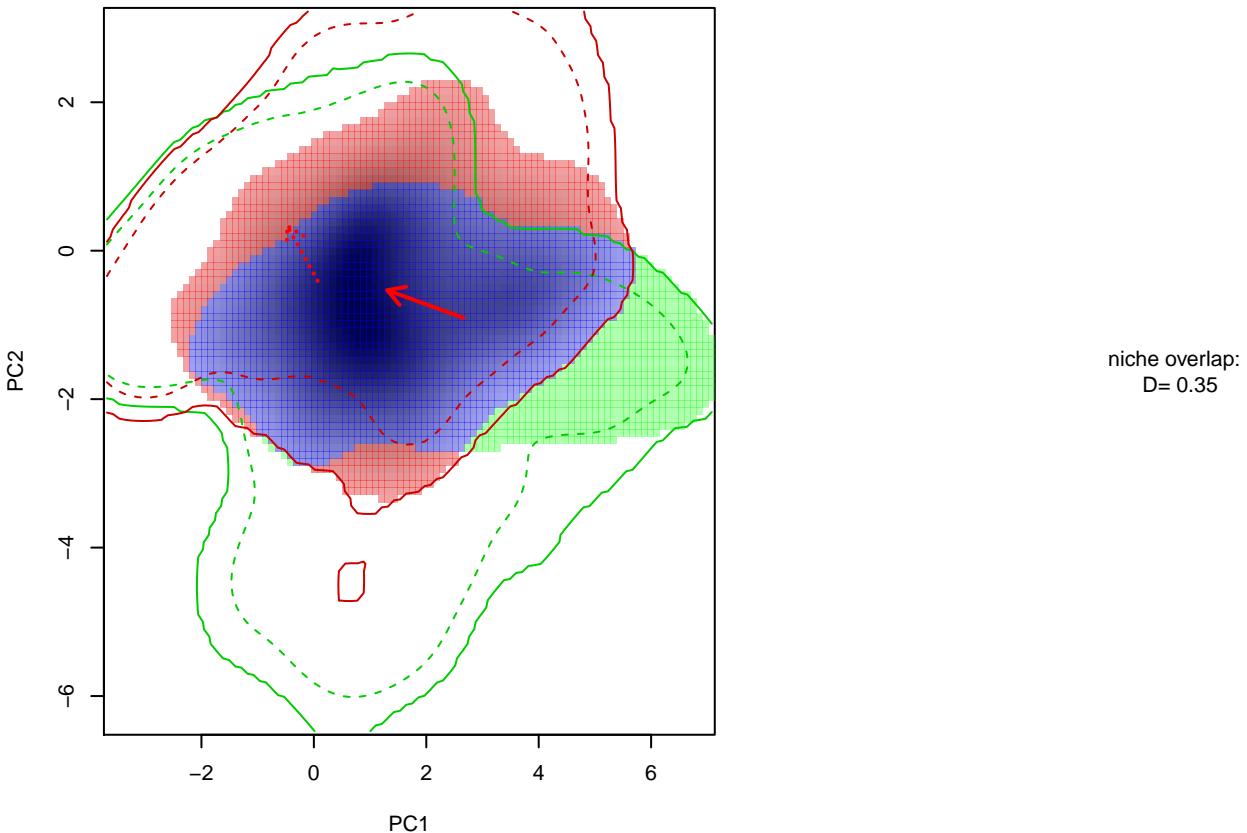
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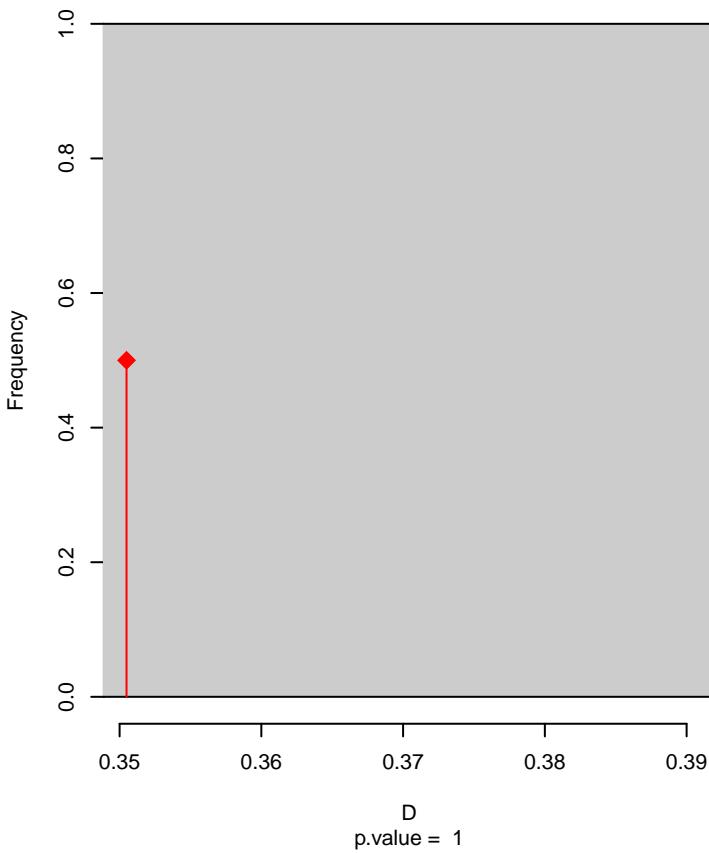
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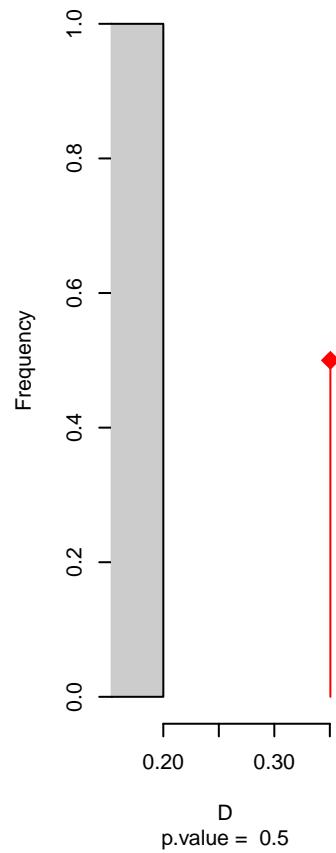
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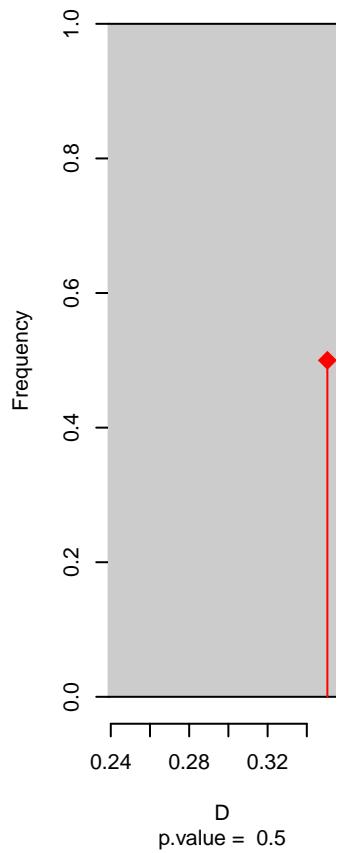
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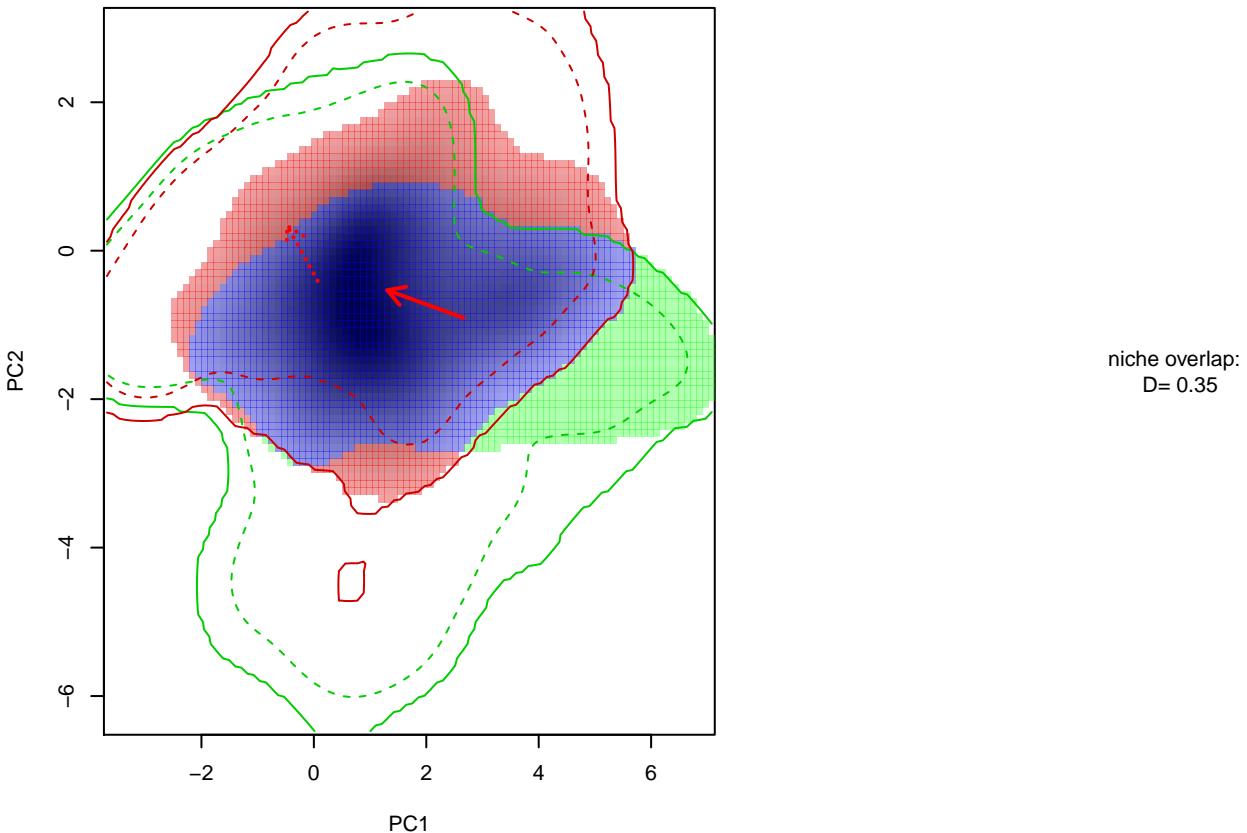
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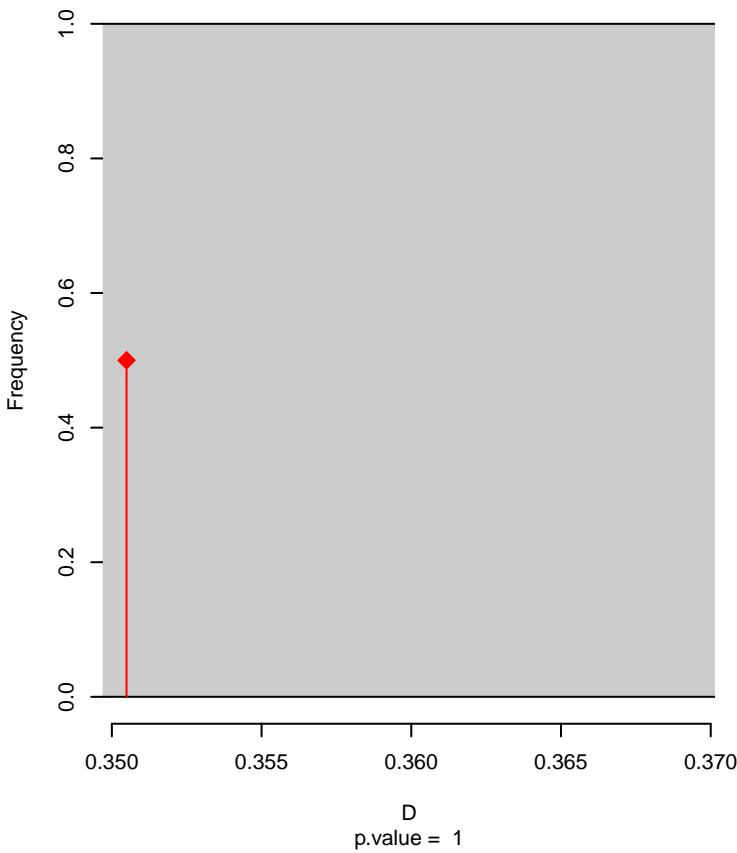
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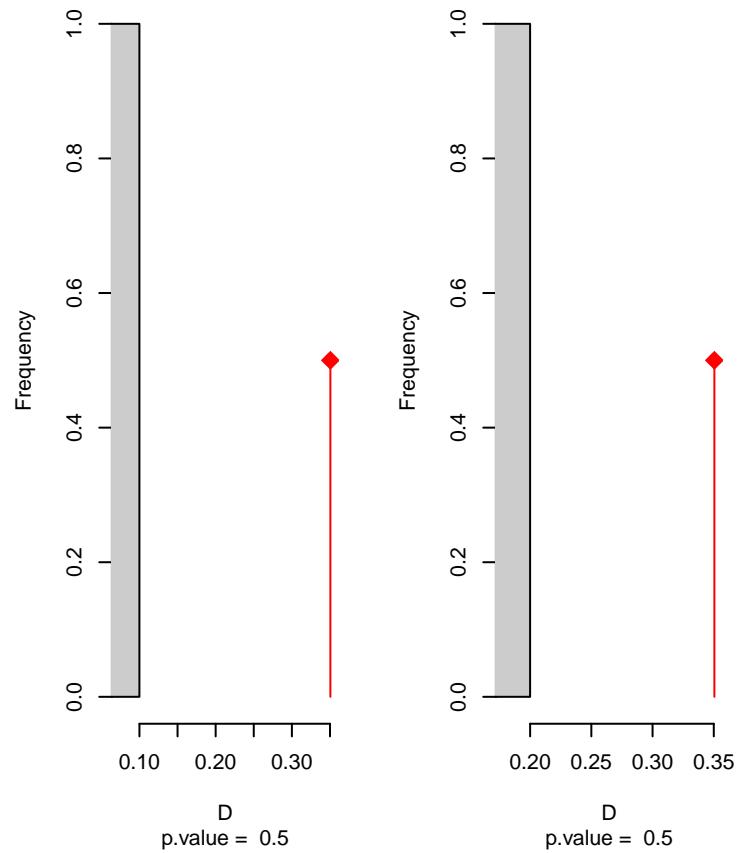
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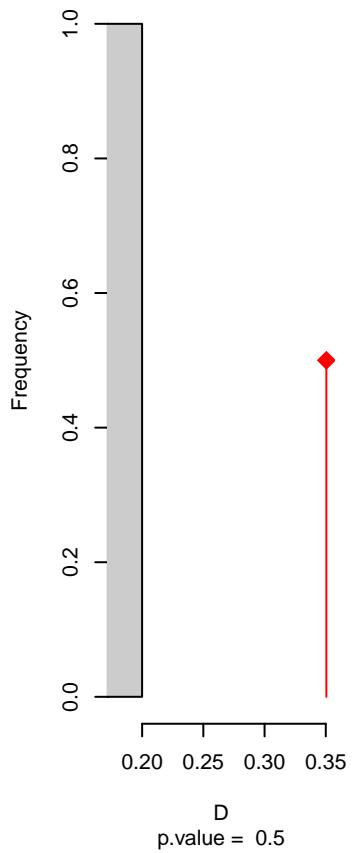
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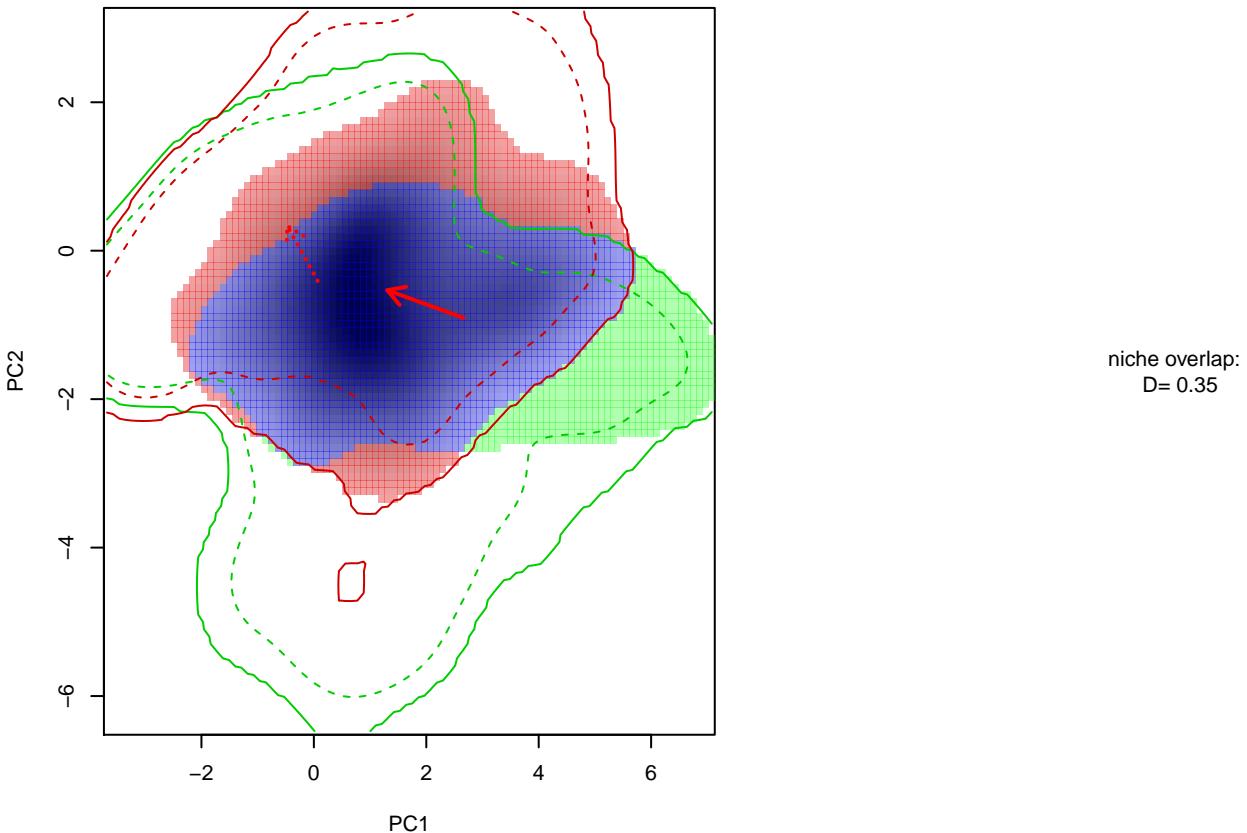
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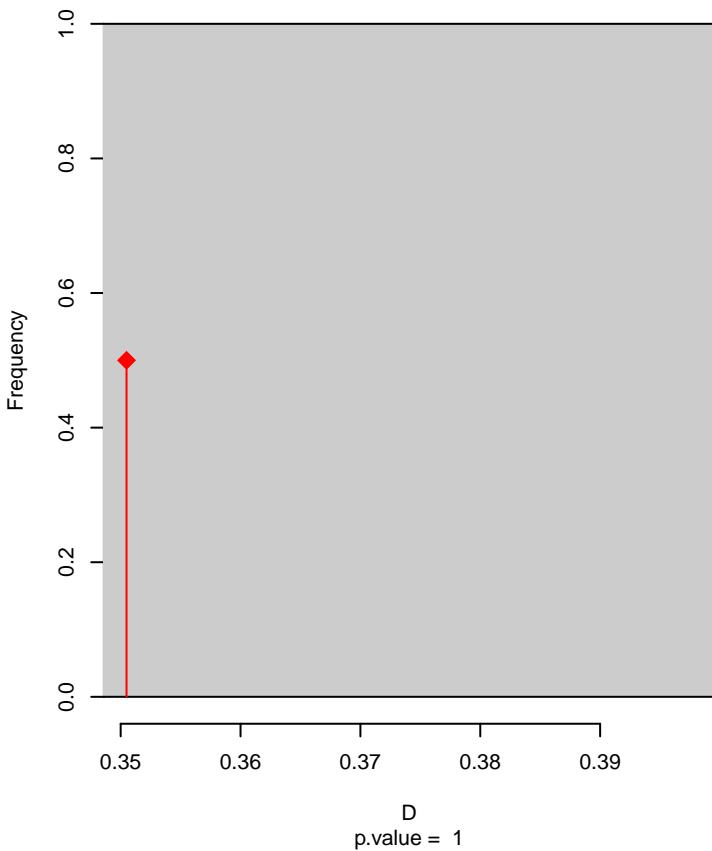
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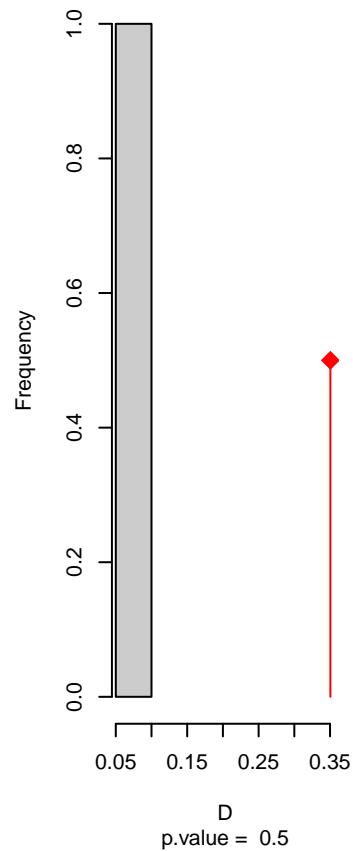
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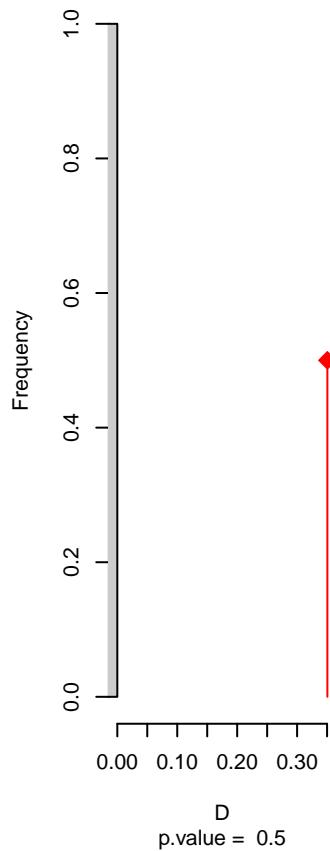
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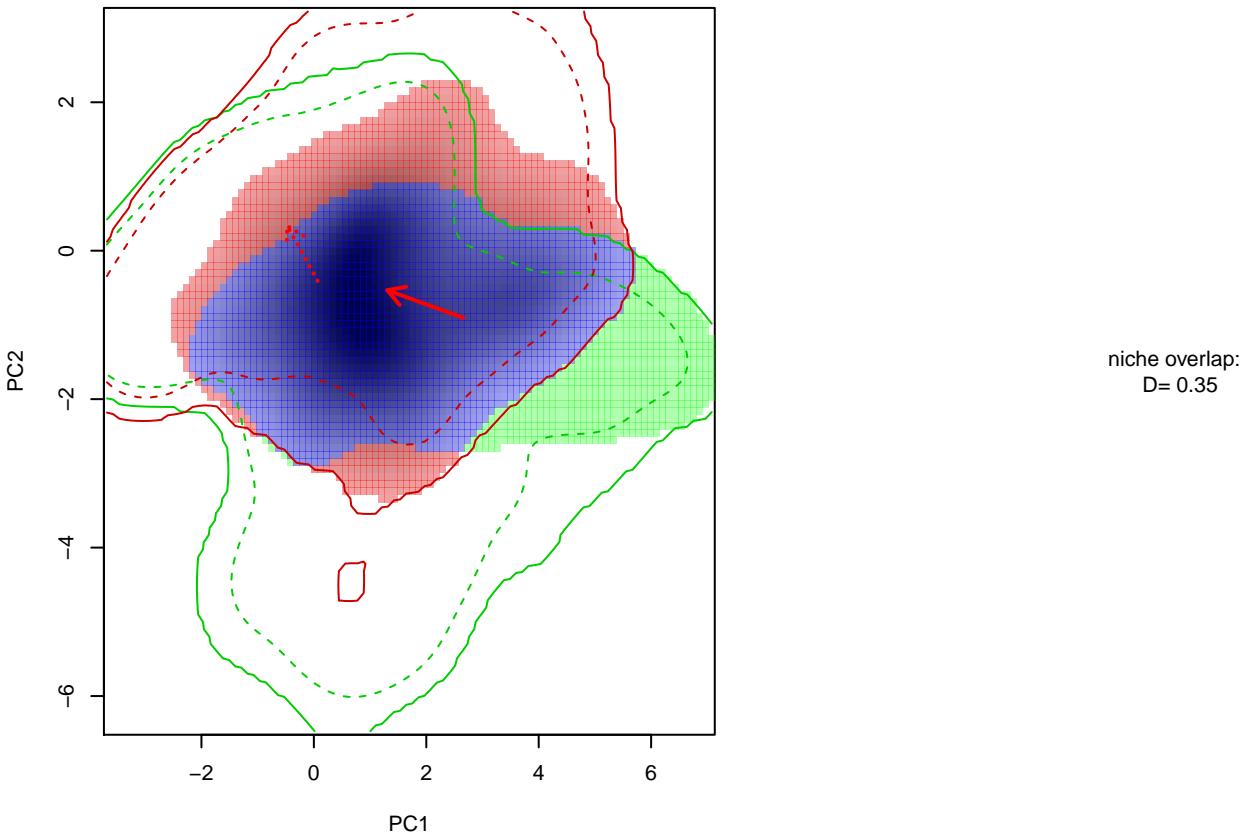
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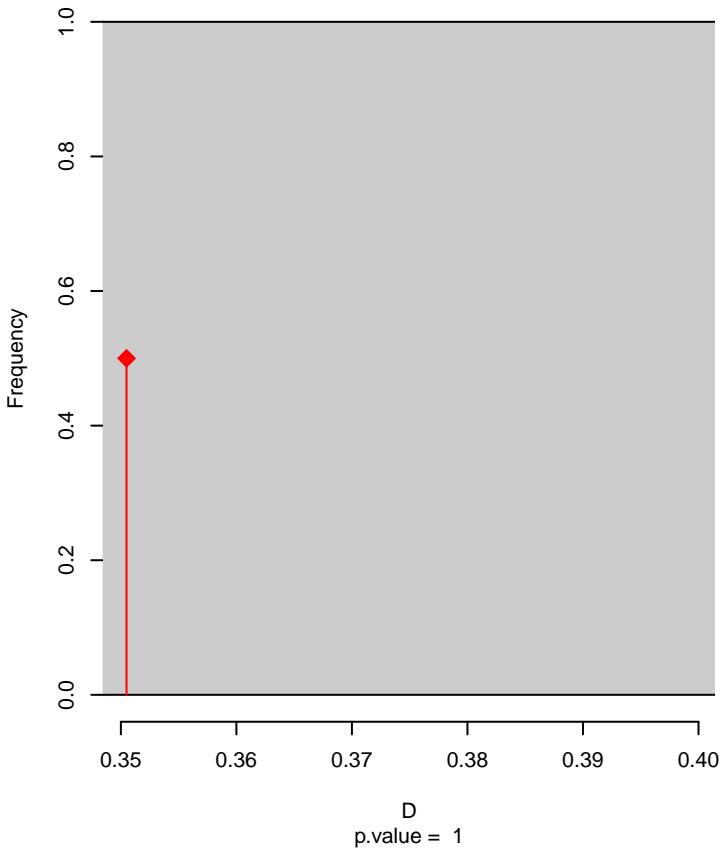
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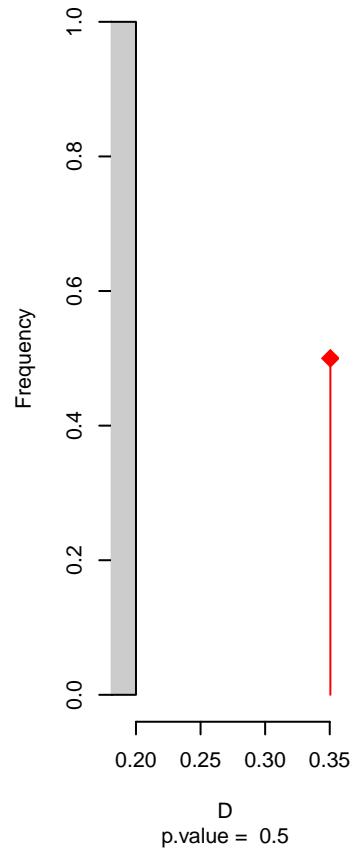
### Agriornis\_albicauda seasonal overlap



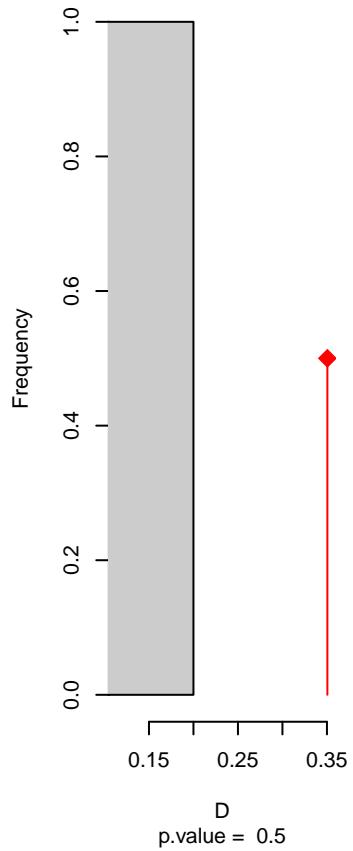
**Equivalency**



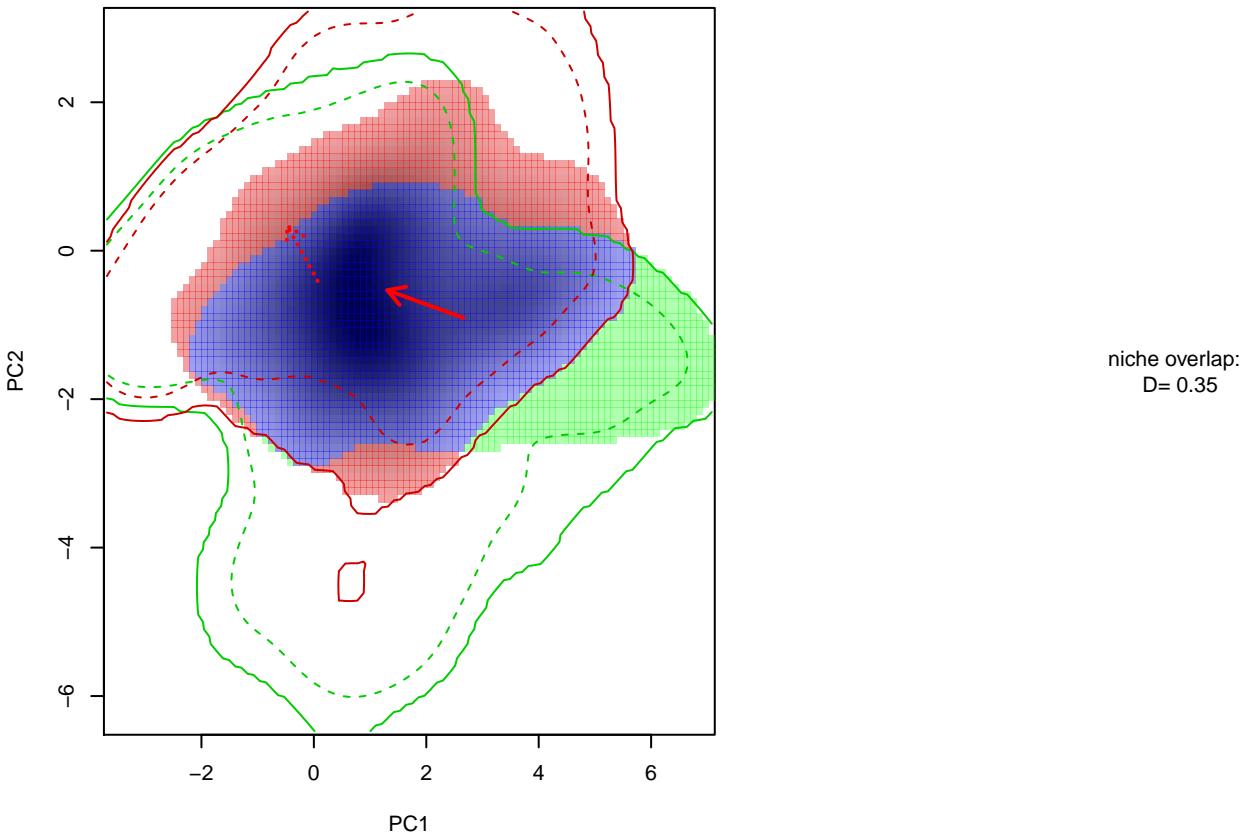
**Similarity 2→1**



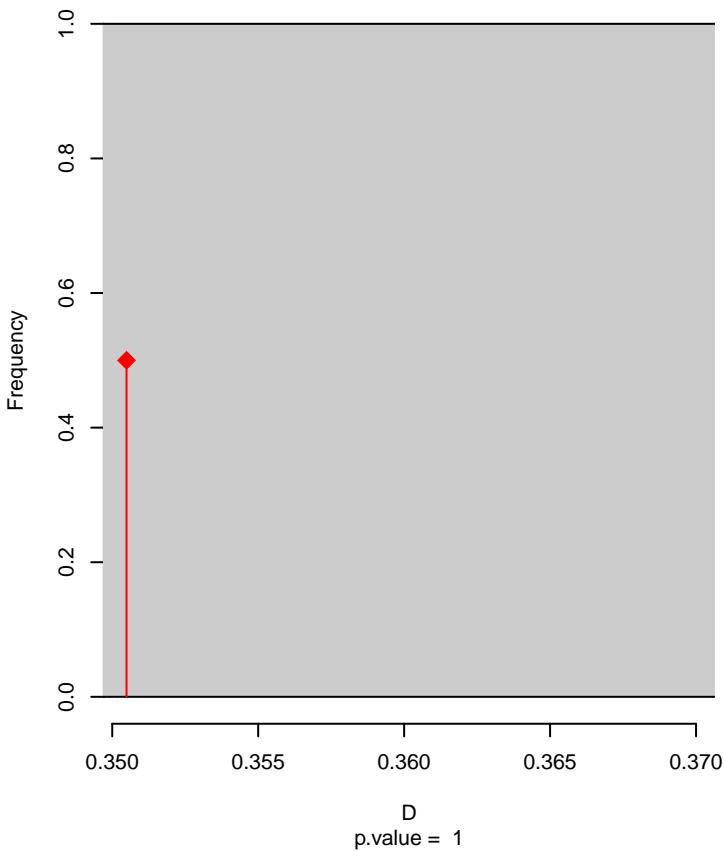
**Similarity 1→2**



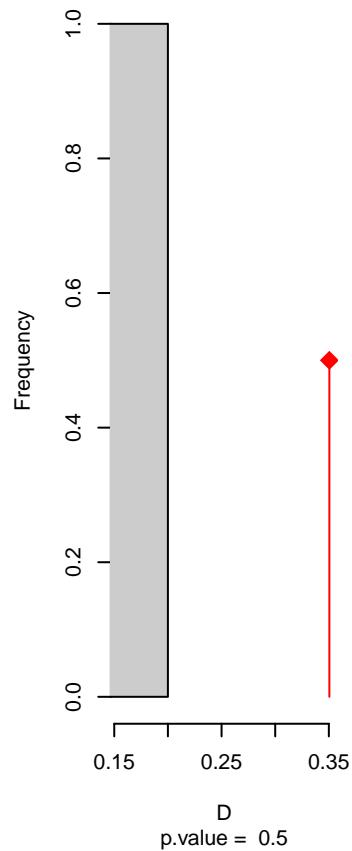
### Agriornis\_albicauda seasonal overlap



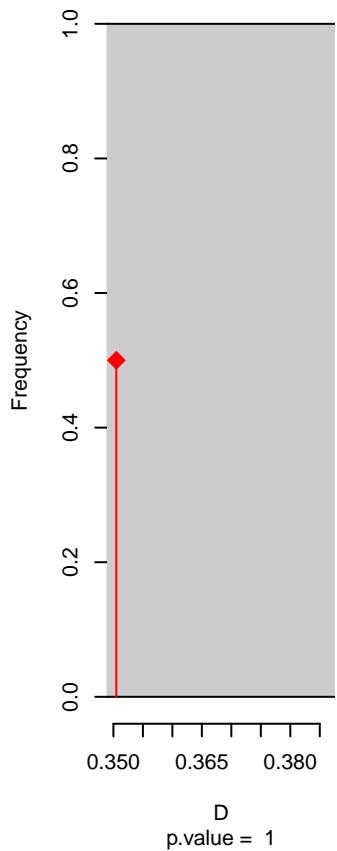
**Equivalency**



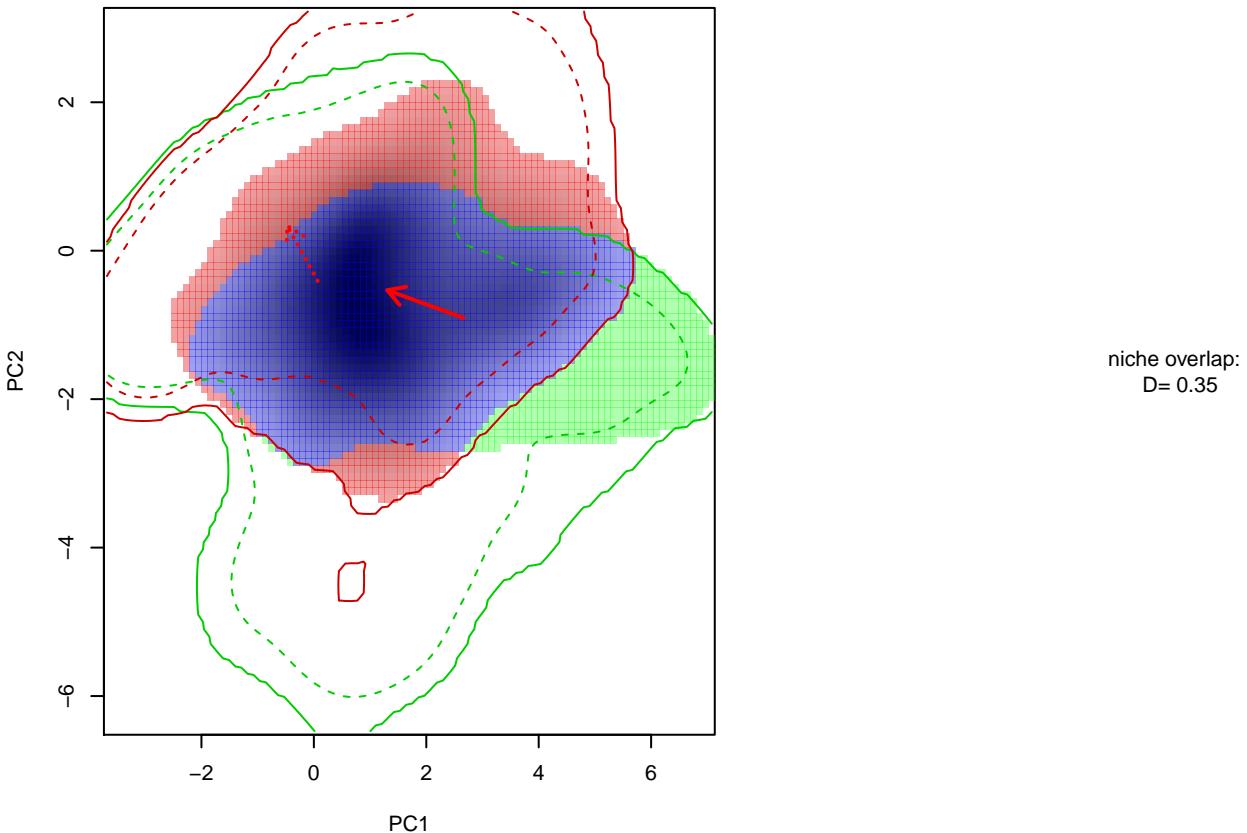
**Similarity 2→1**



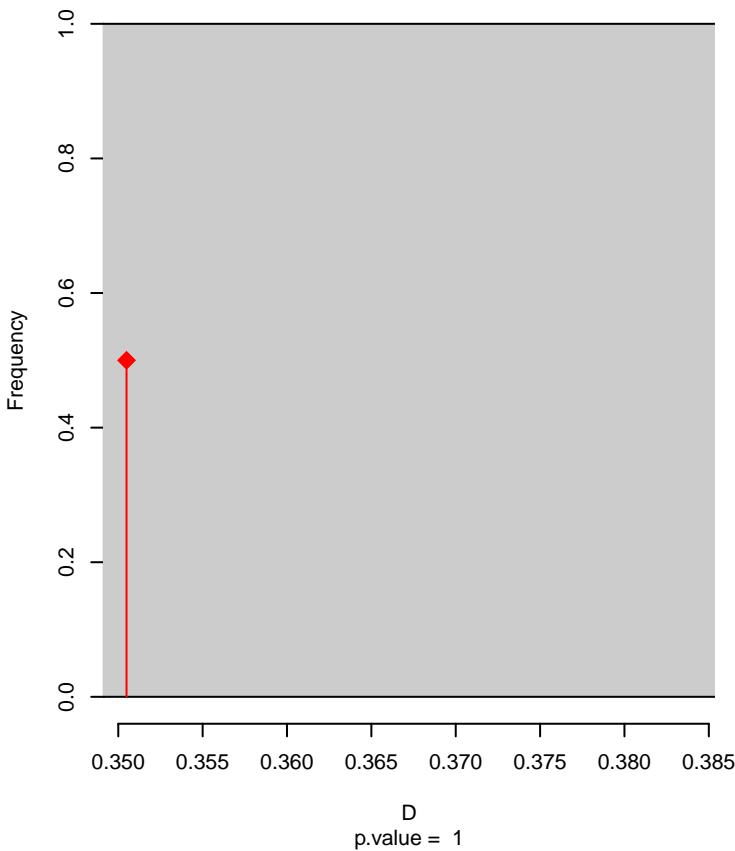
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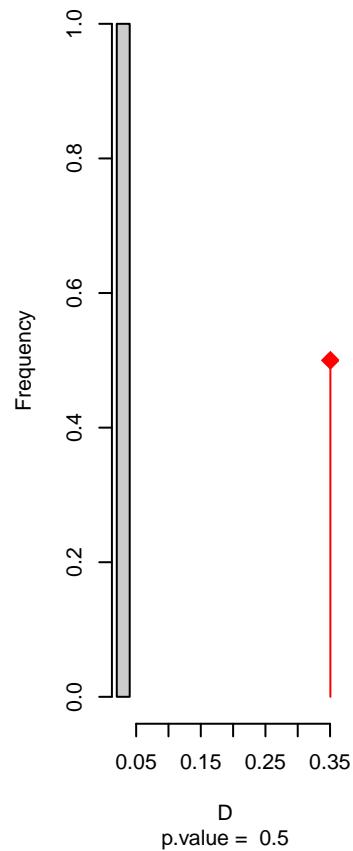
### Agriornis\_albicauda seasonal overlap



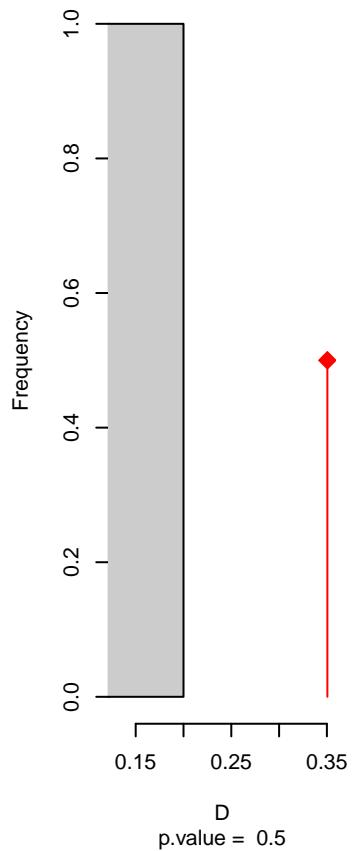
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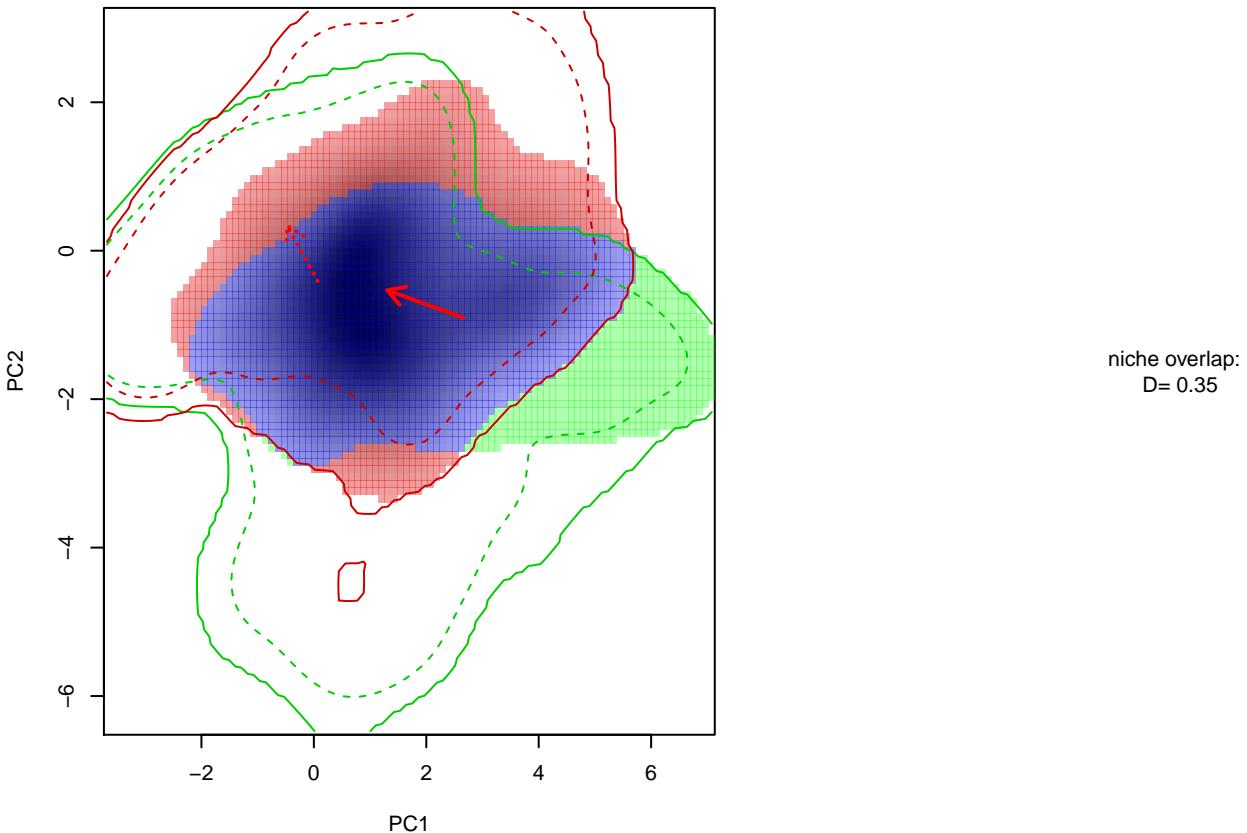
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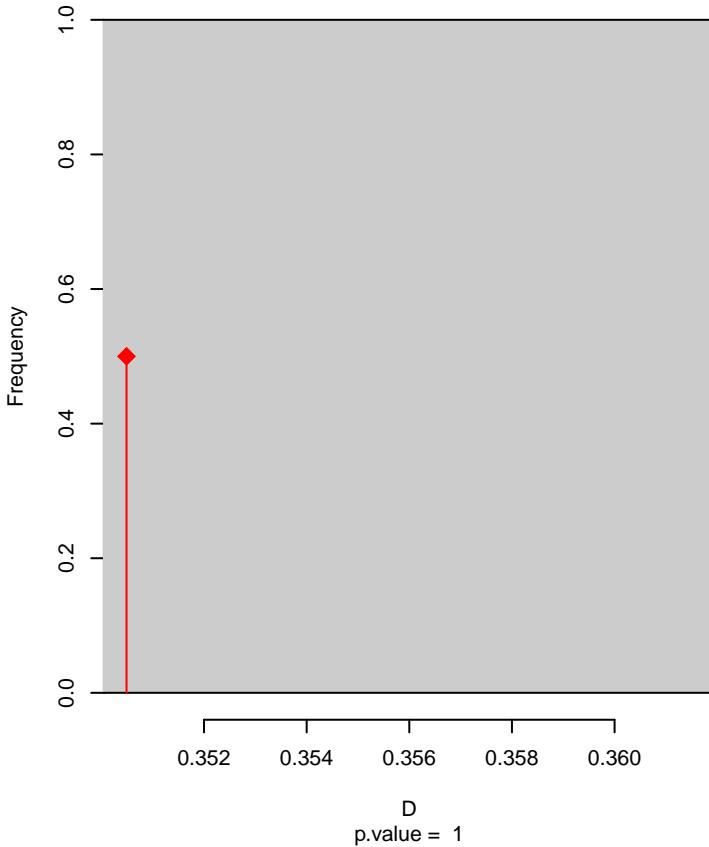
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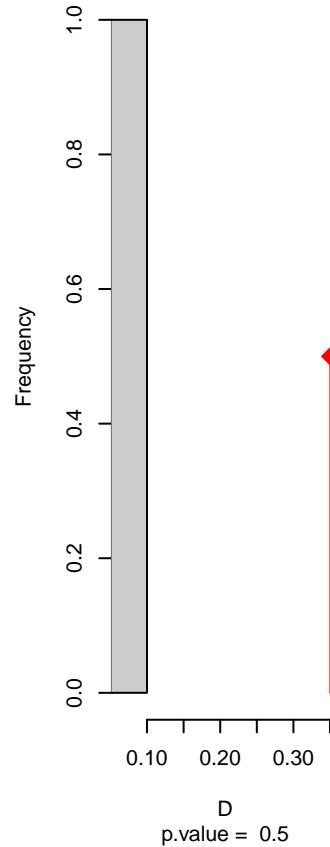
### Agriornis\_albicauda seasonal overlap



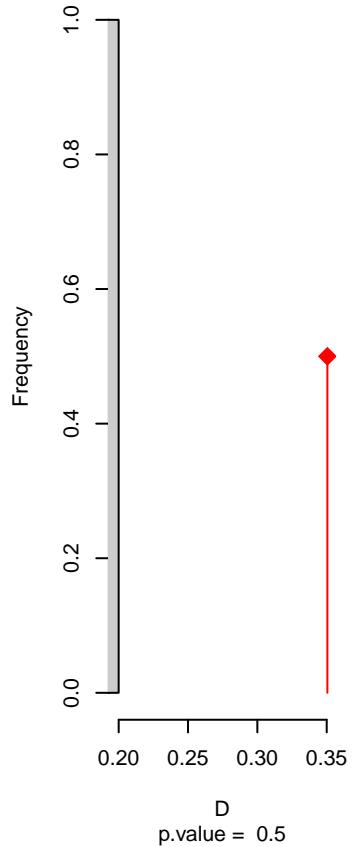
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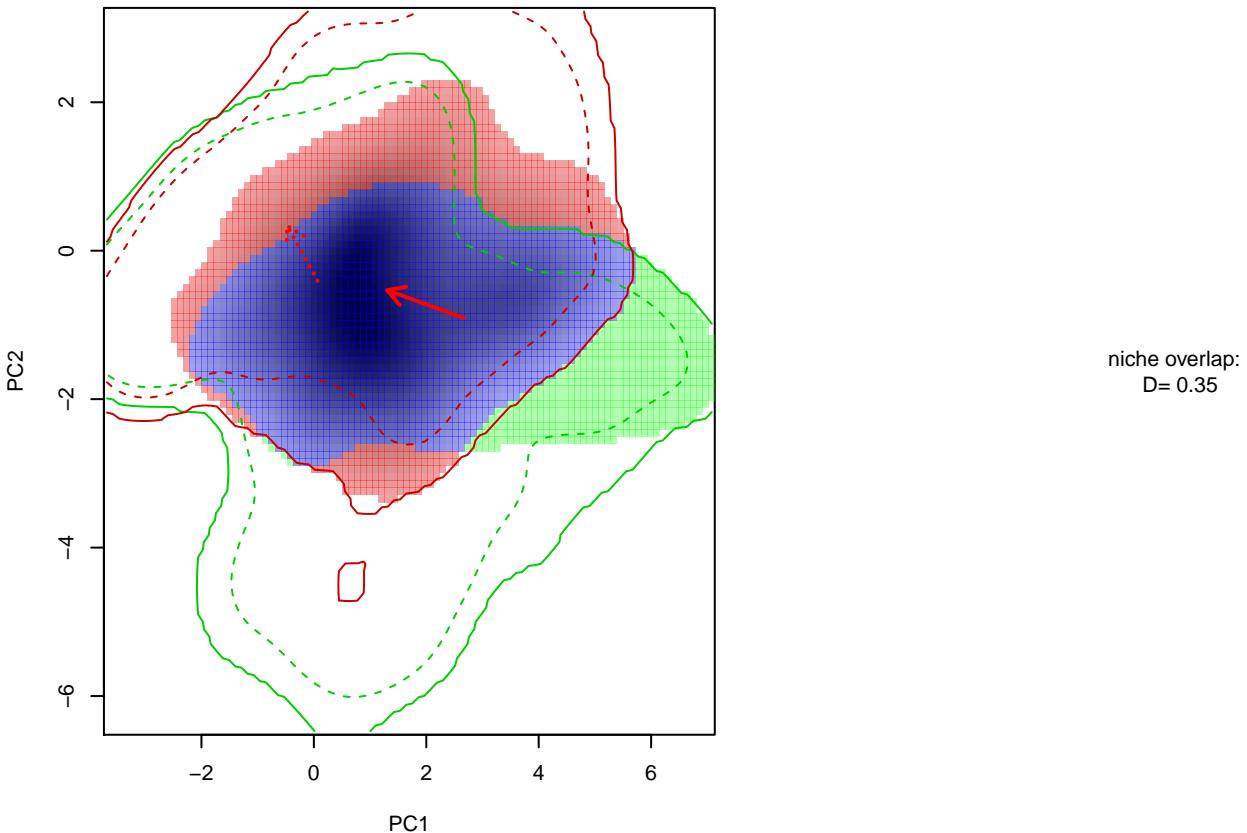
**Similarity 2→1**



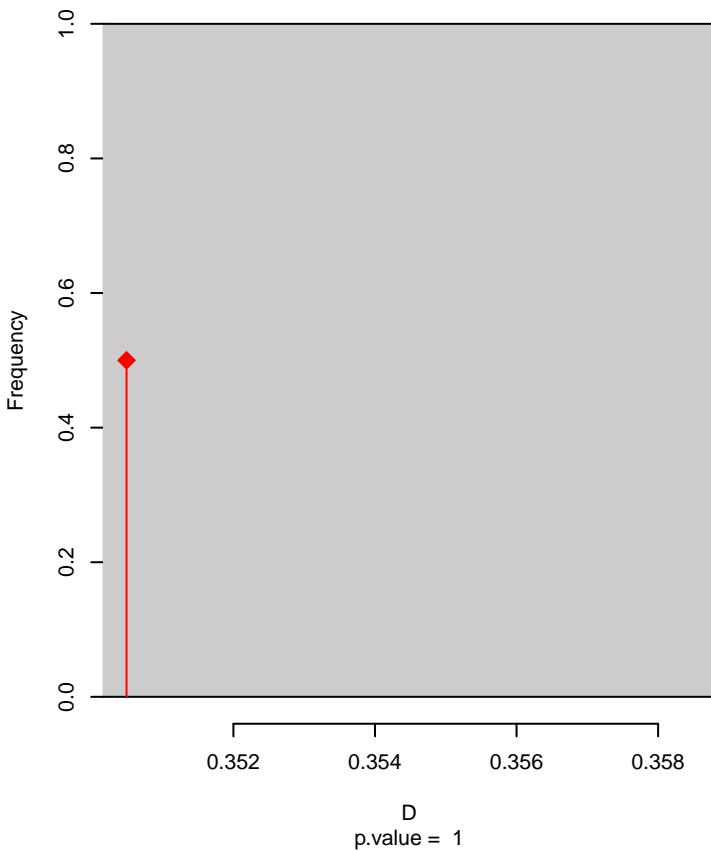
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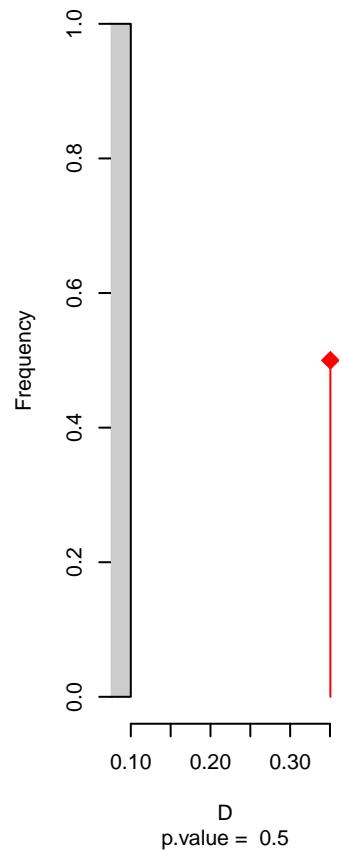
### Agriornis\_albicauda seasonal overlap



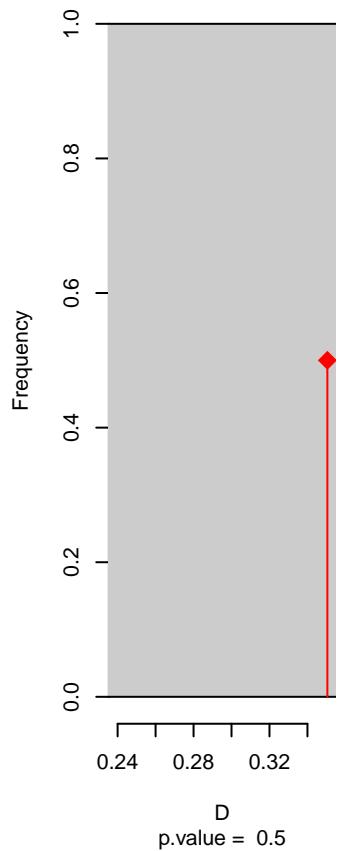
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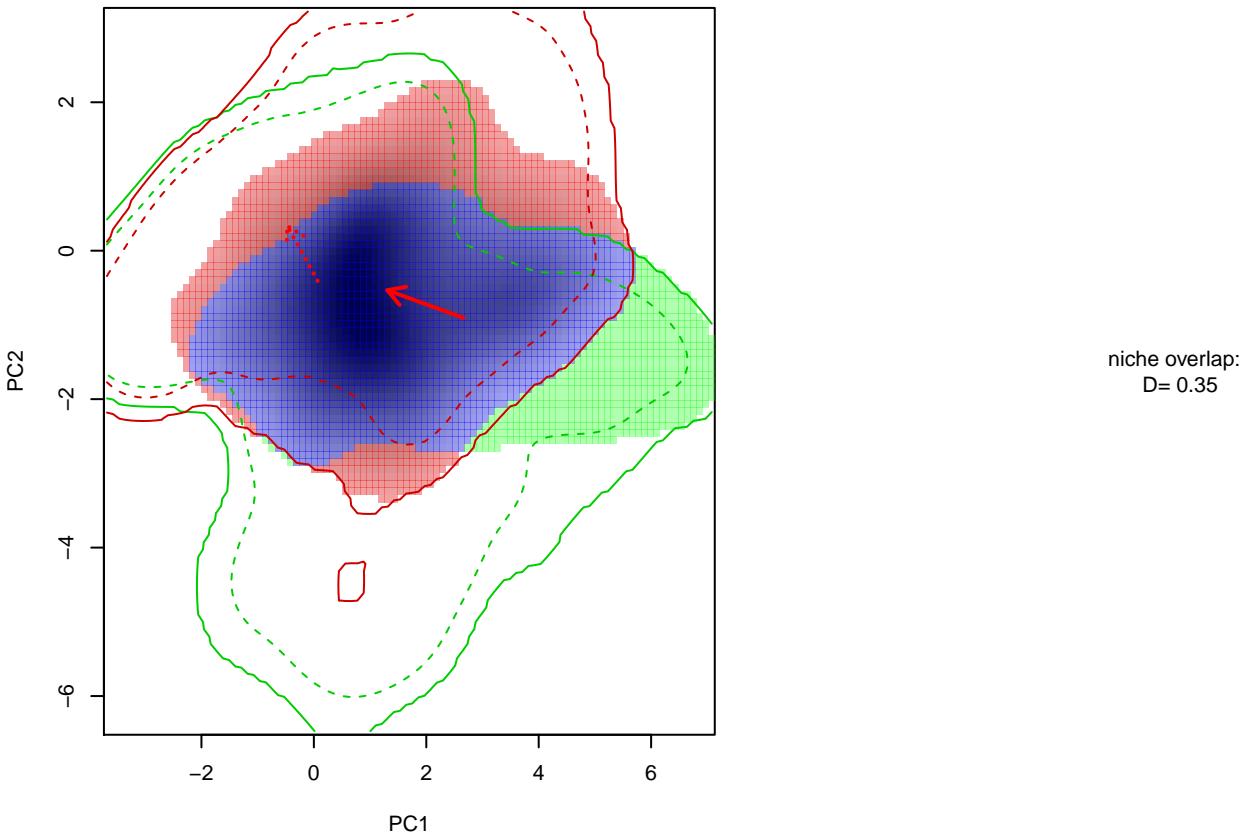
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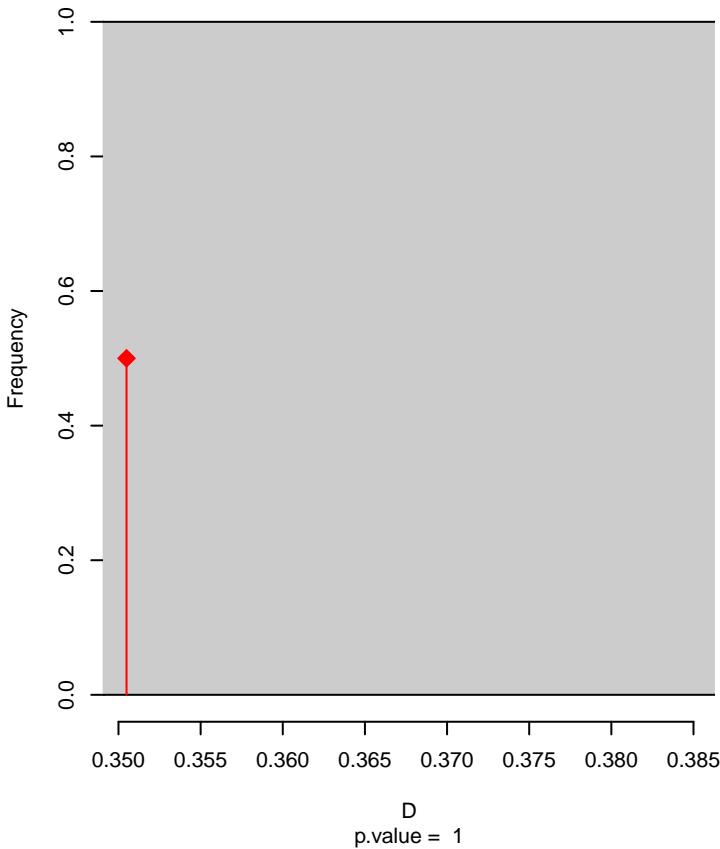
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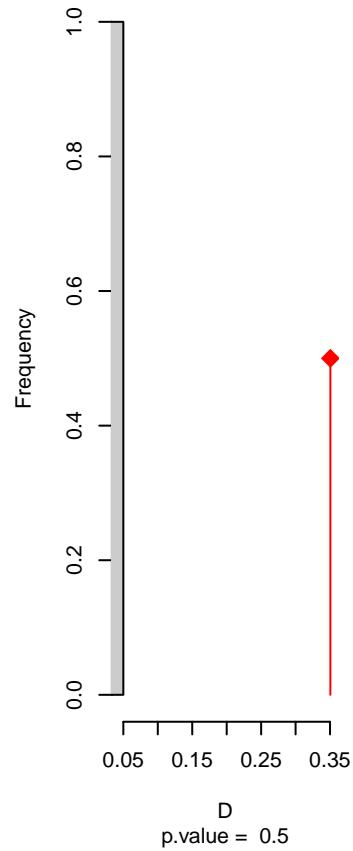
### Agriornis\_albicauda seasonal overlap



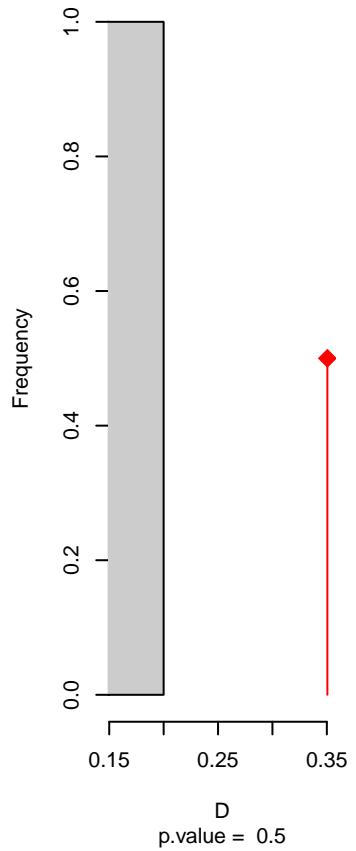
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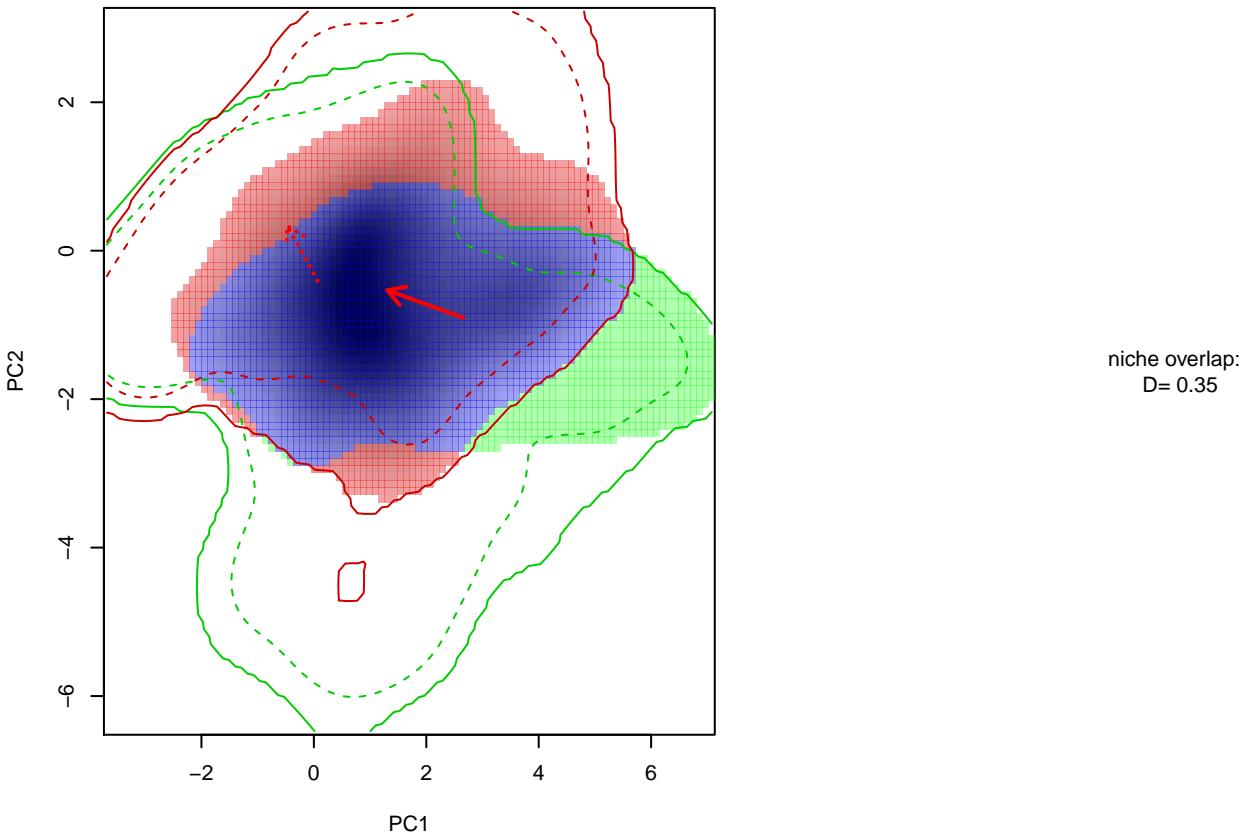
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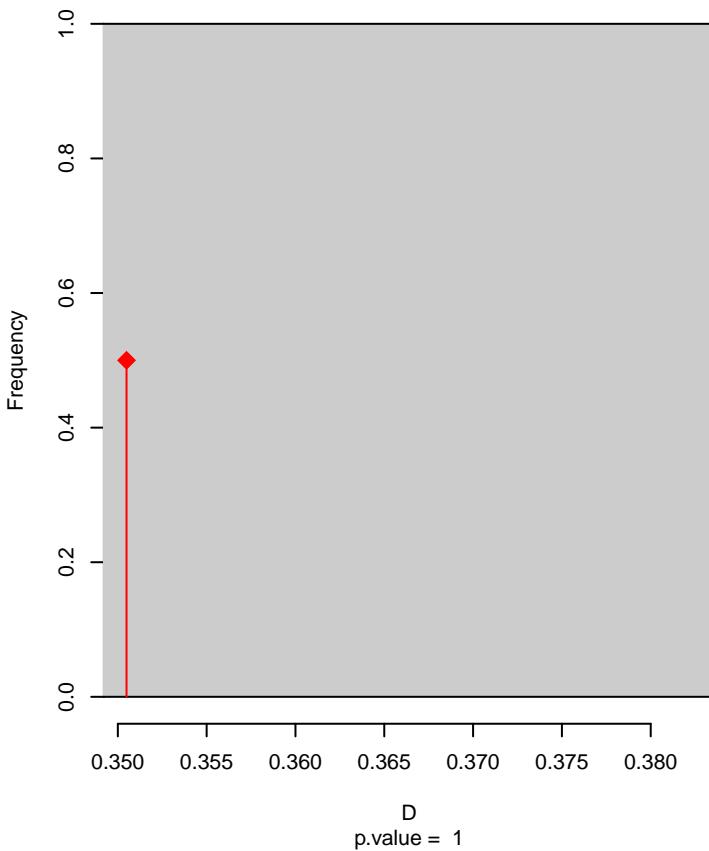
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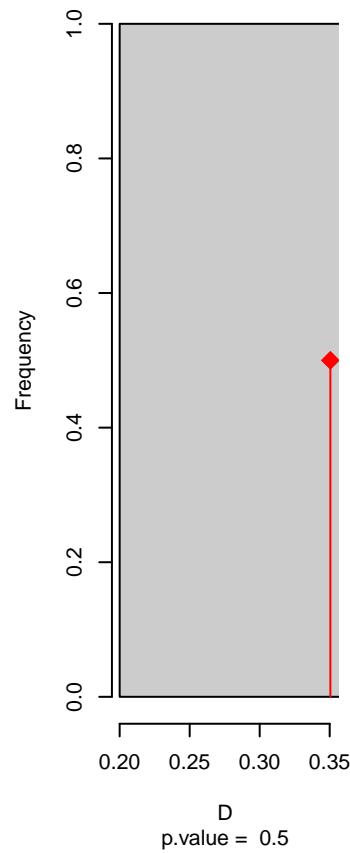
### Agriornis\_albicauda seasonal overlap



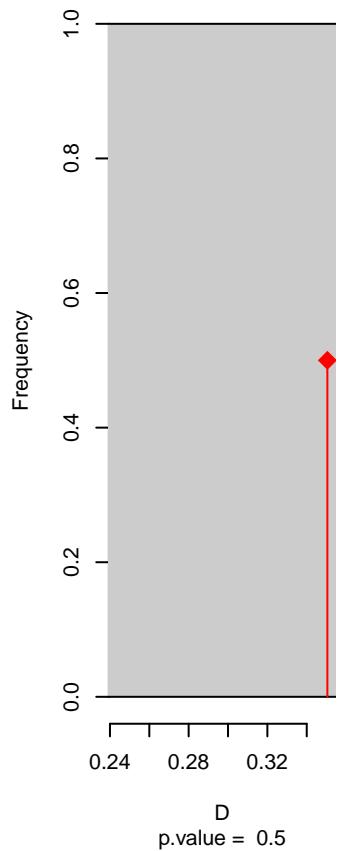
**Equivalency**



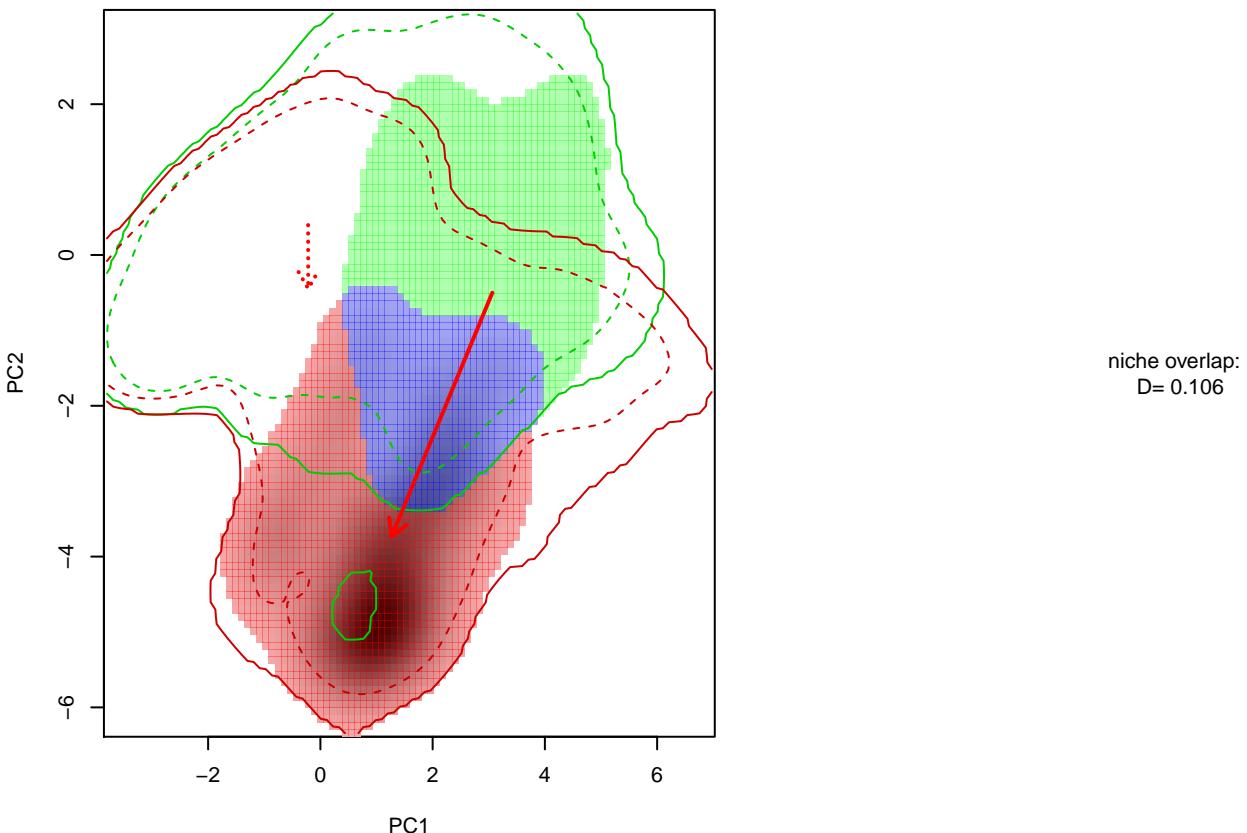
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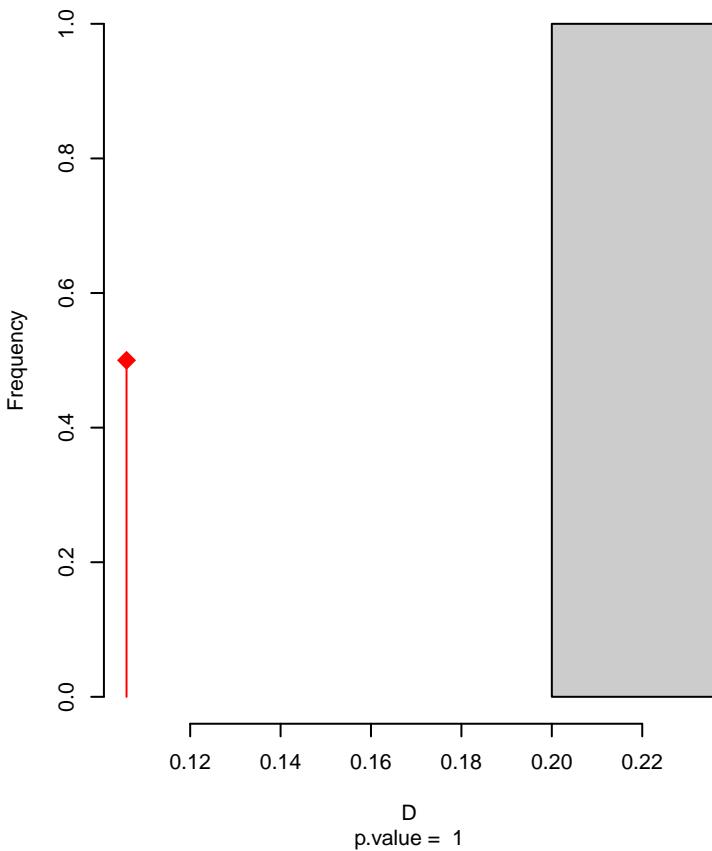
**Similarity 1→2**



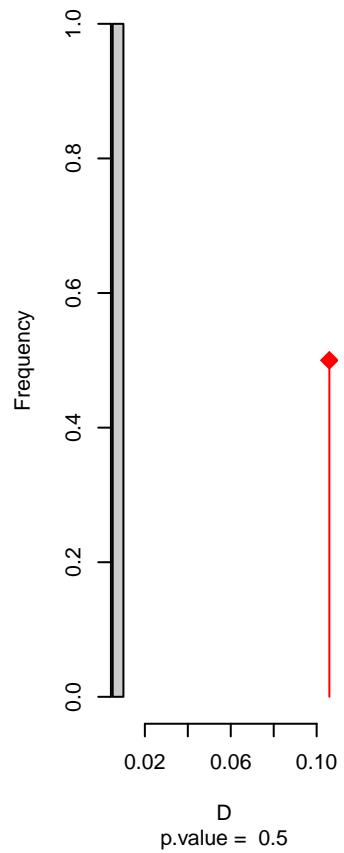
### *Agriornis\_lividus* seasonal overlap



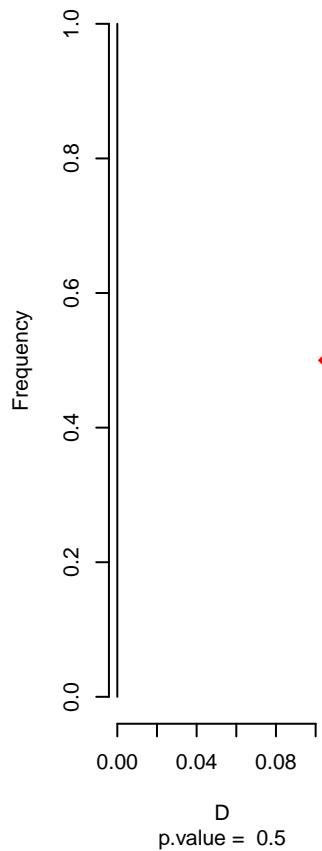
Equivalency



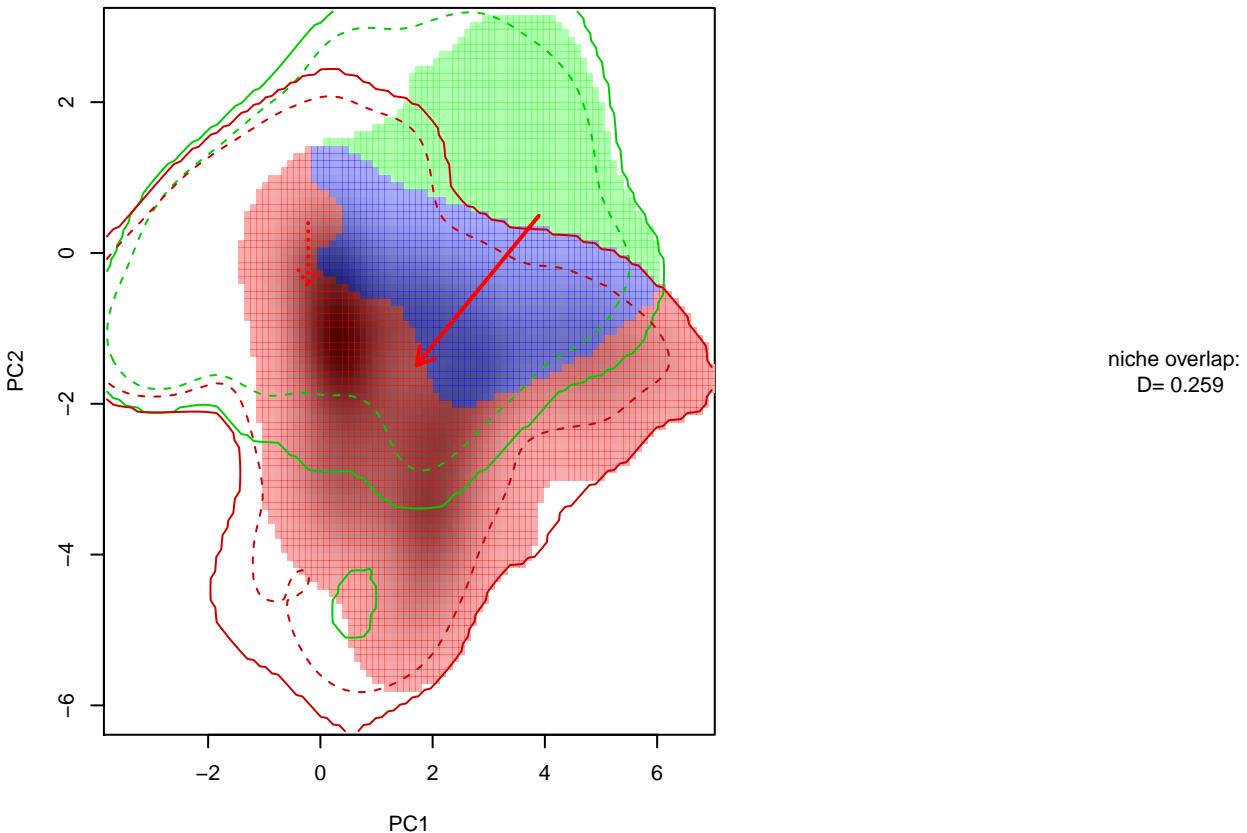
Similarity 2→1



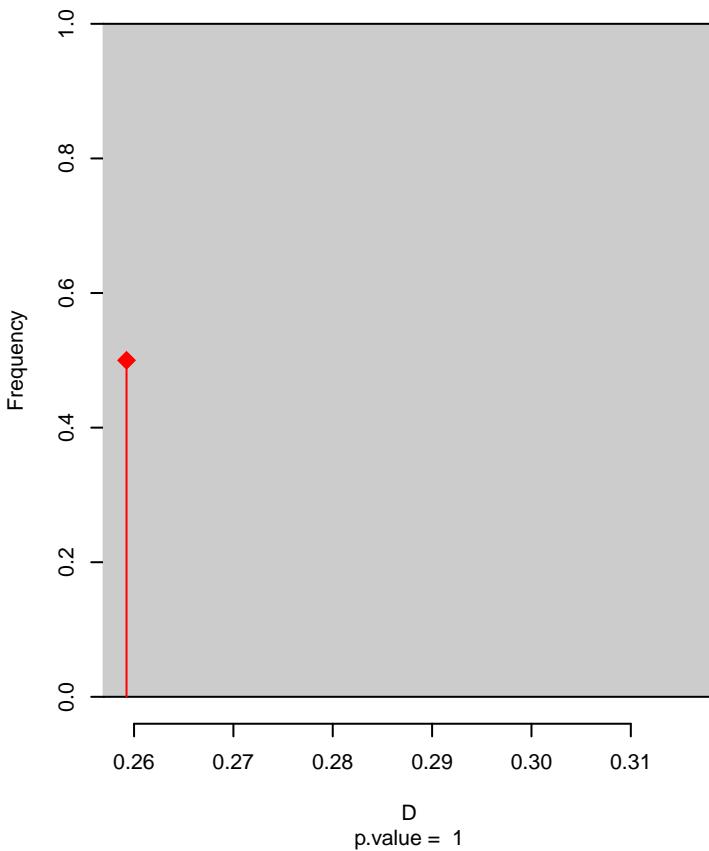
Similarity 1→2



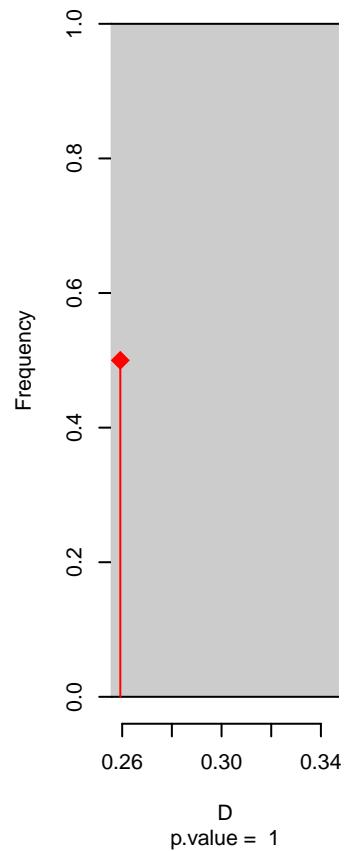
### Agriornis\_micropoterus seasonal overlap



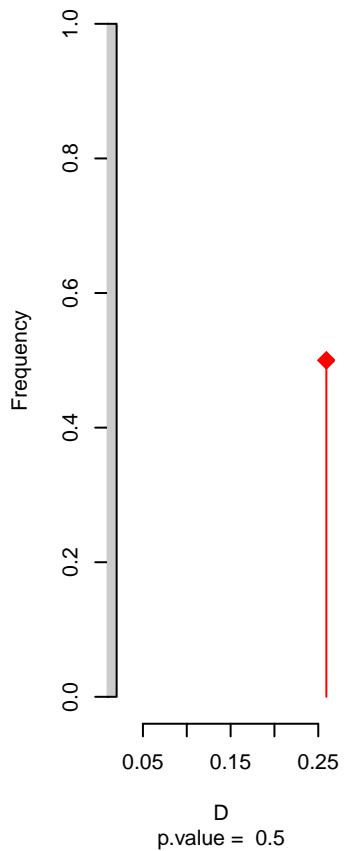
**Equivalency**



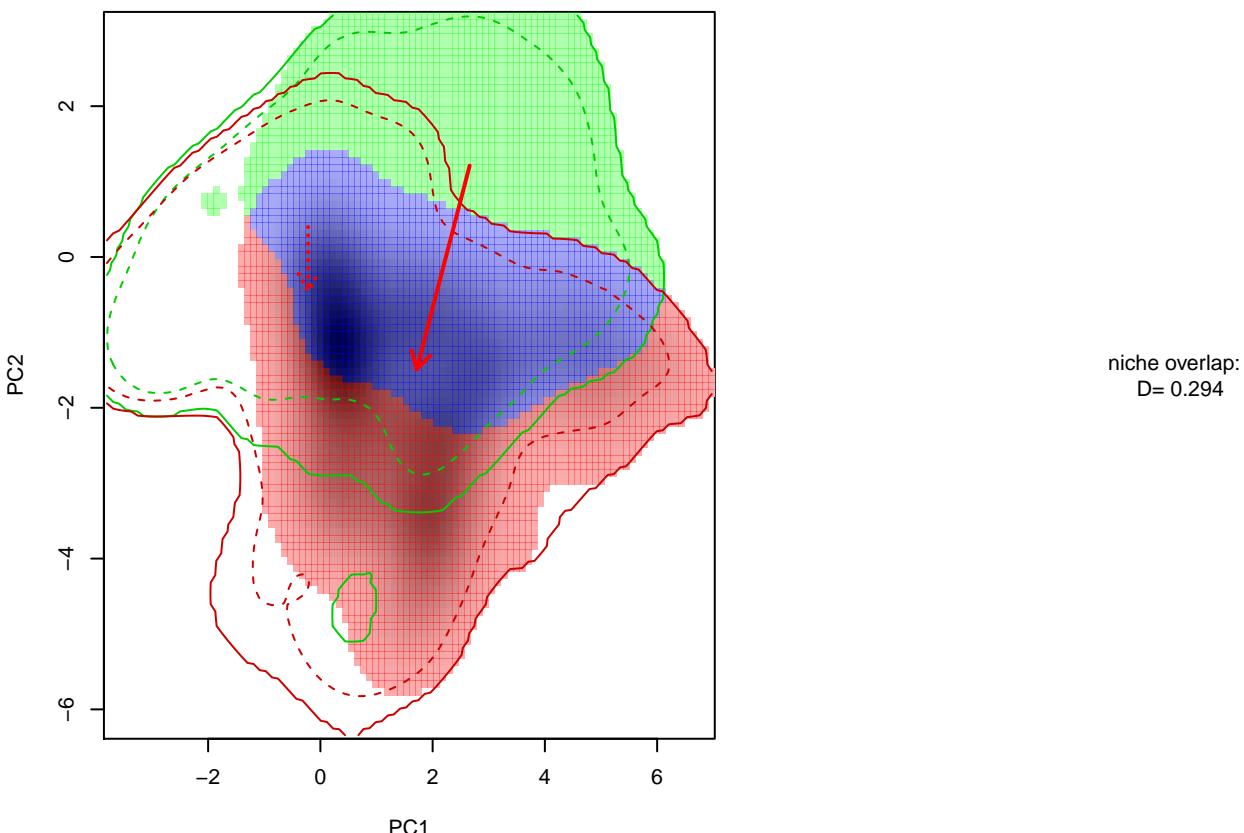
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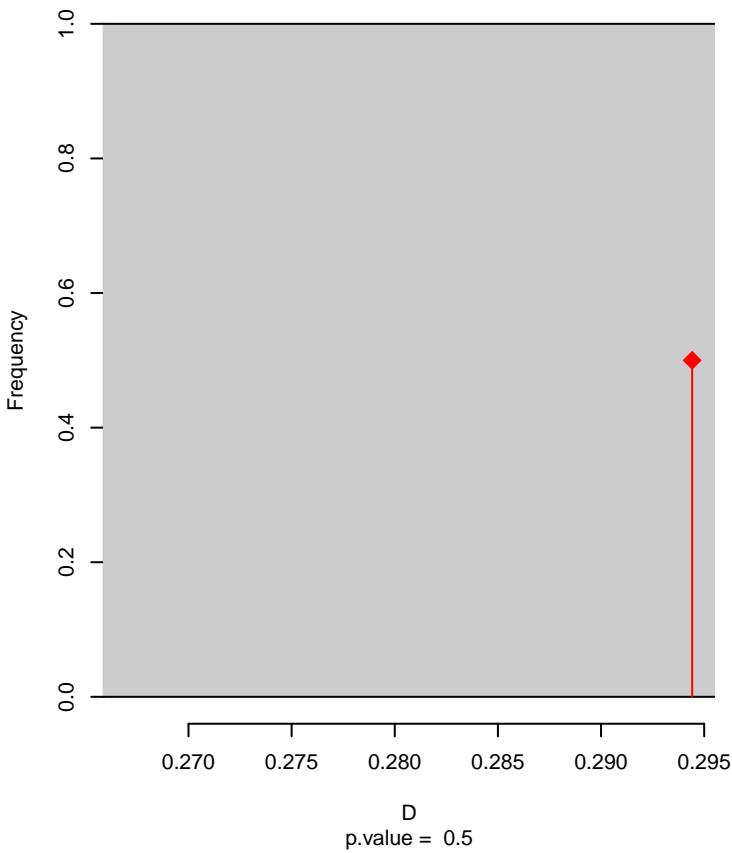
**Similarity 1→2**



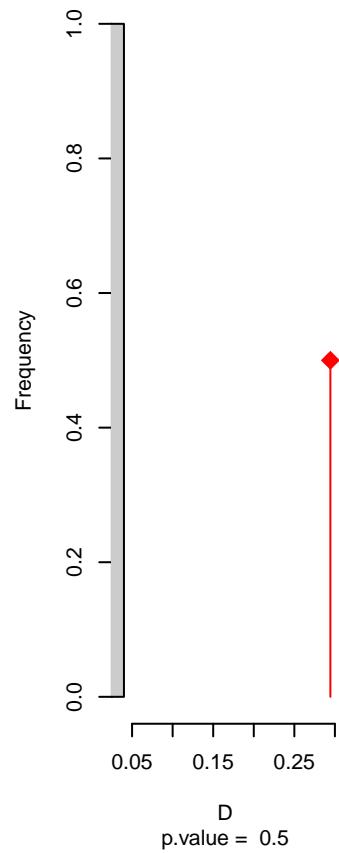
# Agriornis\_micropoterus seasonal overlap–hypo.br



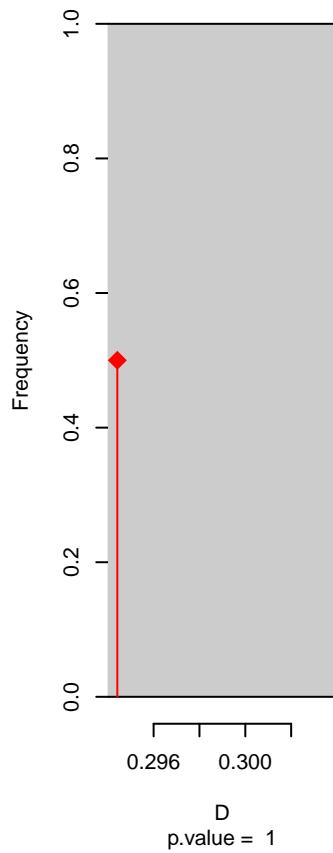
**Equivalency**



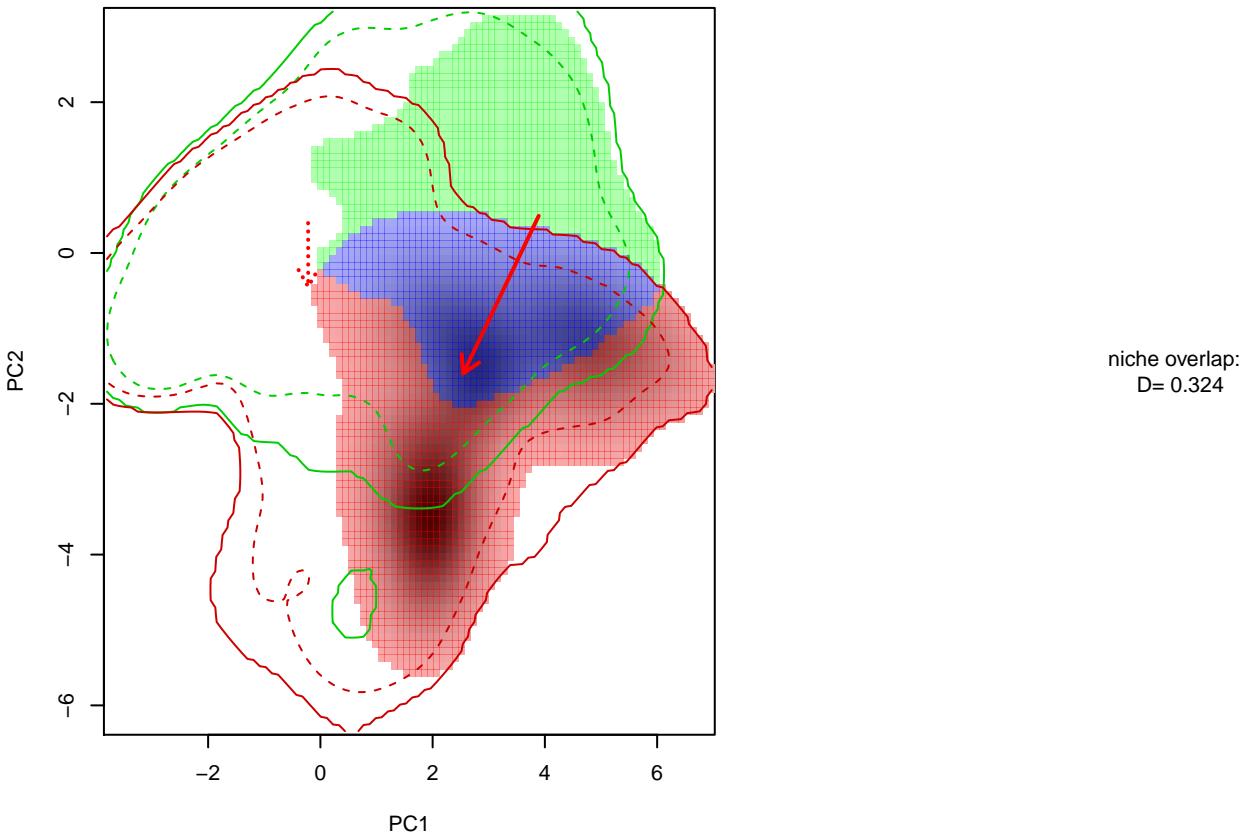
**Similarity 2→1**



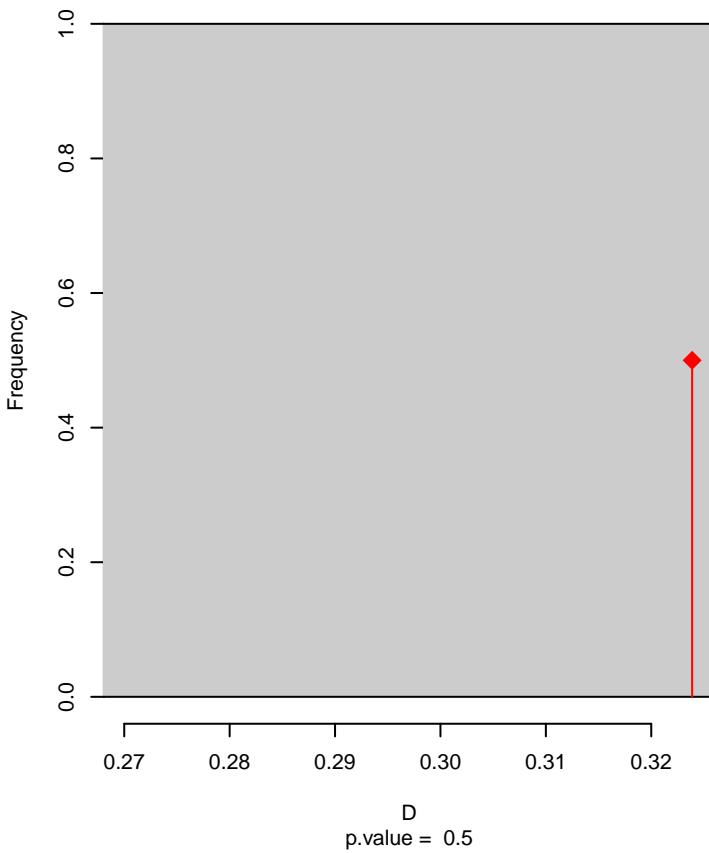
**Similarity 1→2**



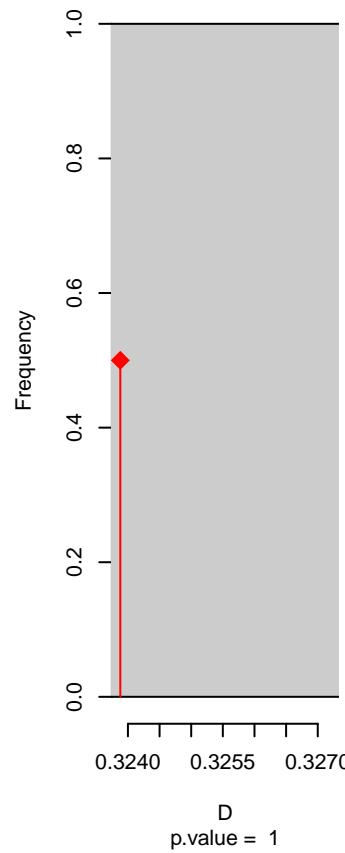
# Agriornis\_micropoterus seasonal overlap-hypo wi



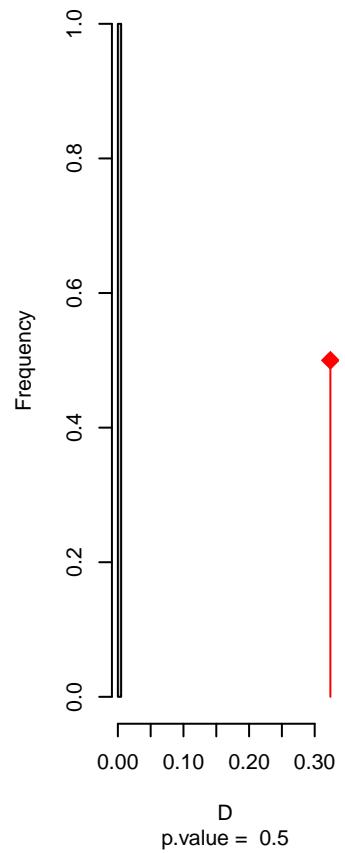
**Equivalency**



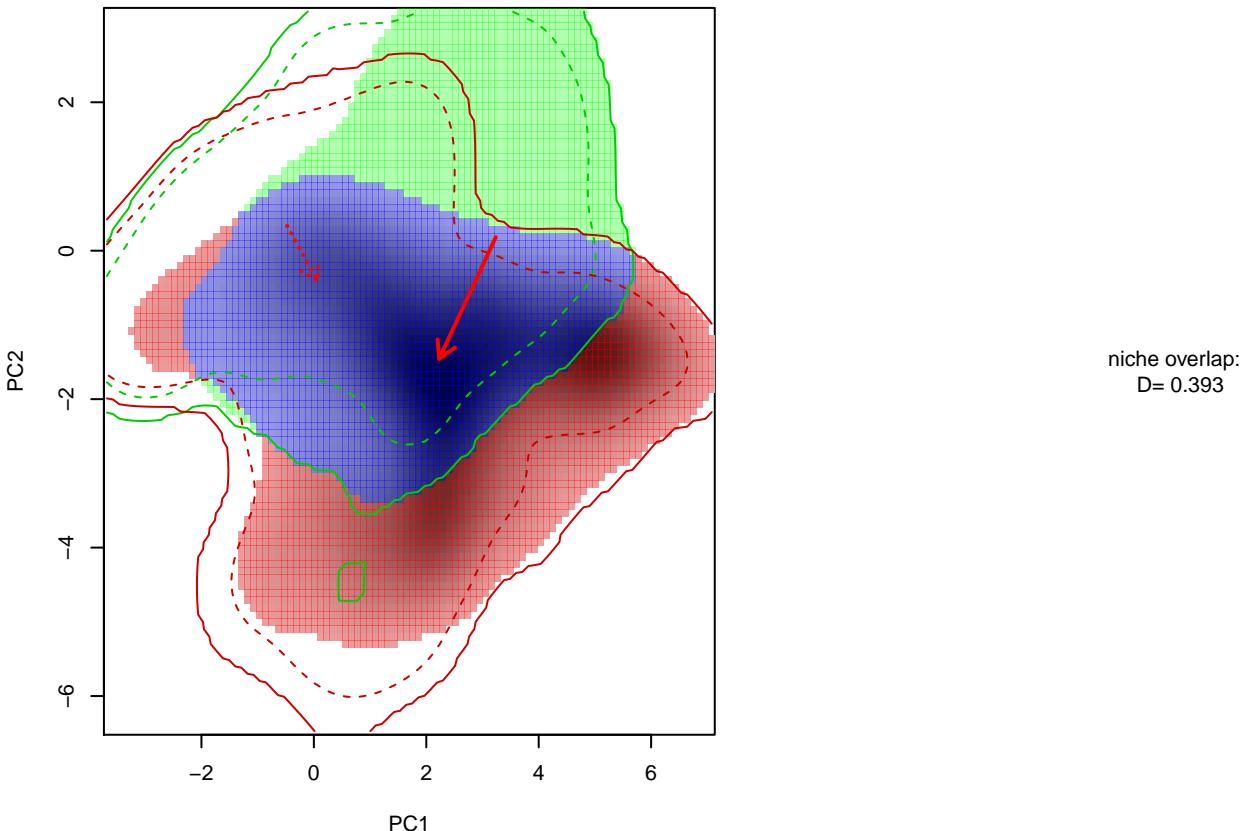
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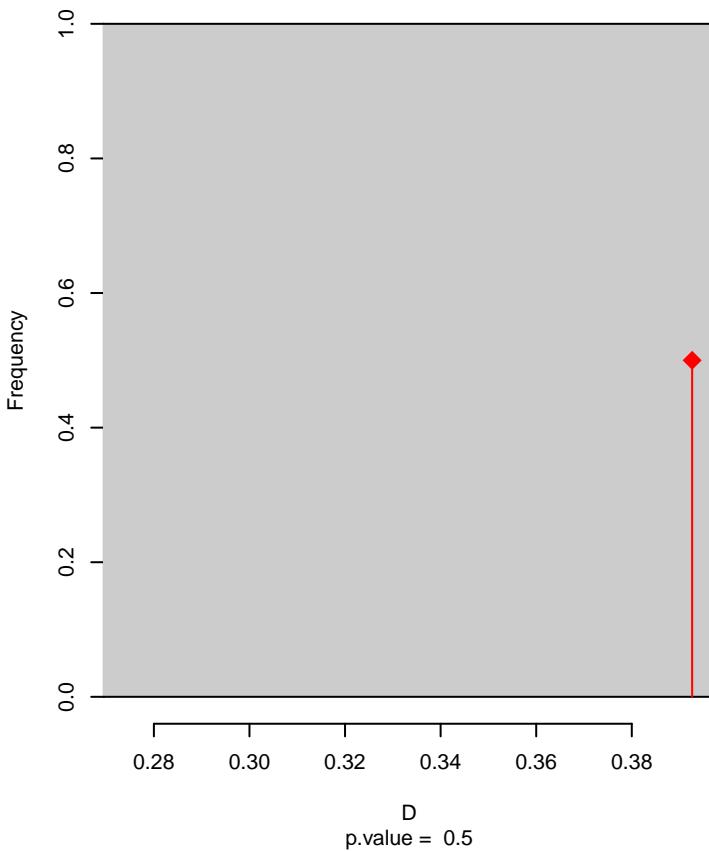
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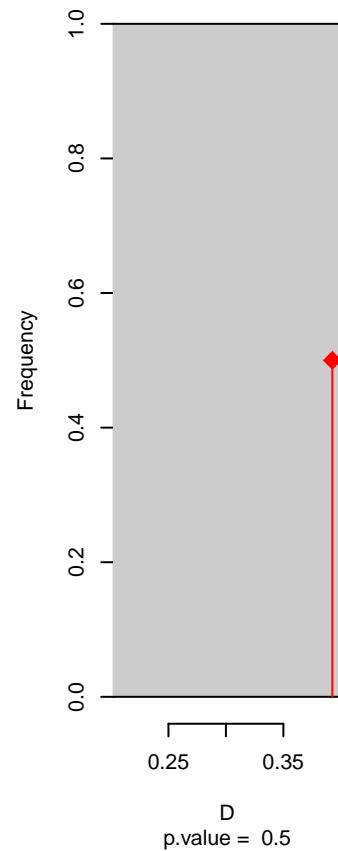
### *Agriornis\_montanus* seasonal overlap



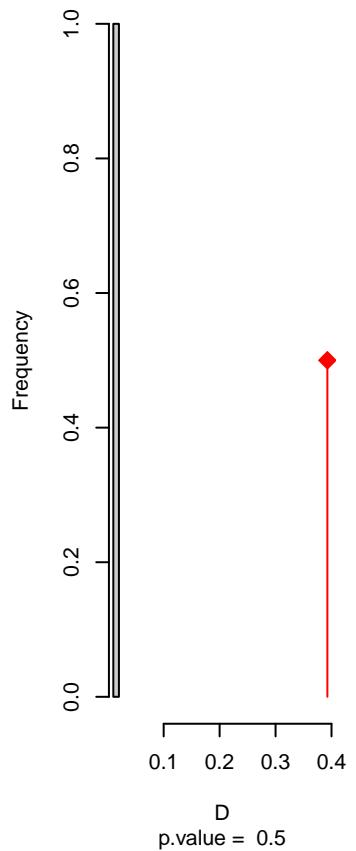
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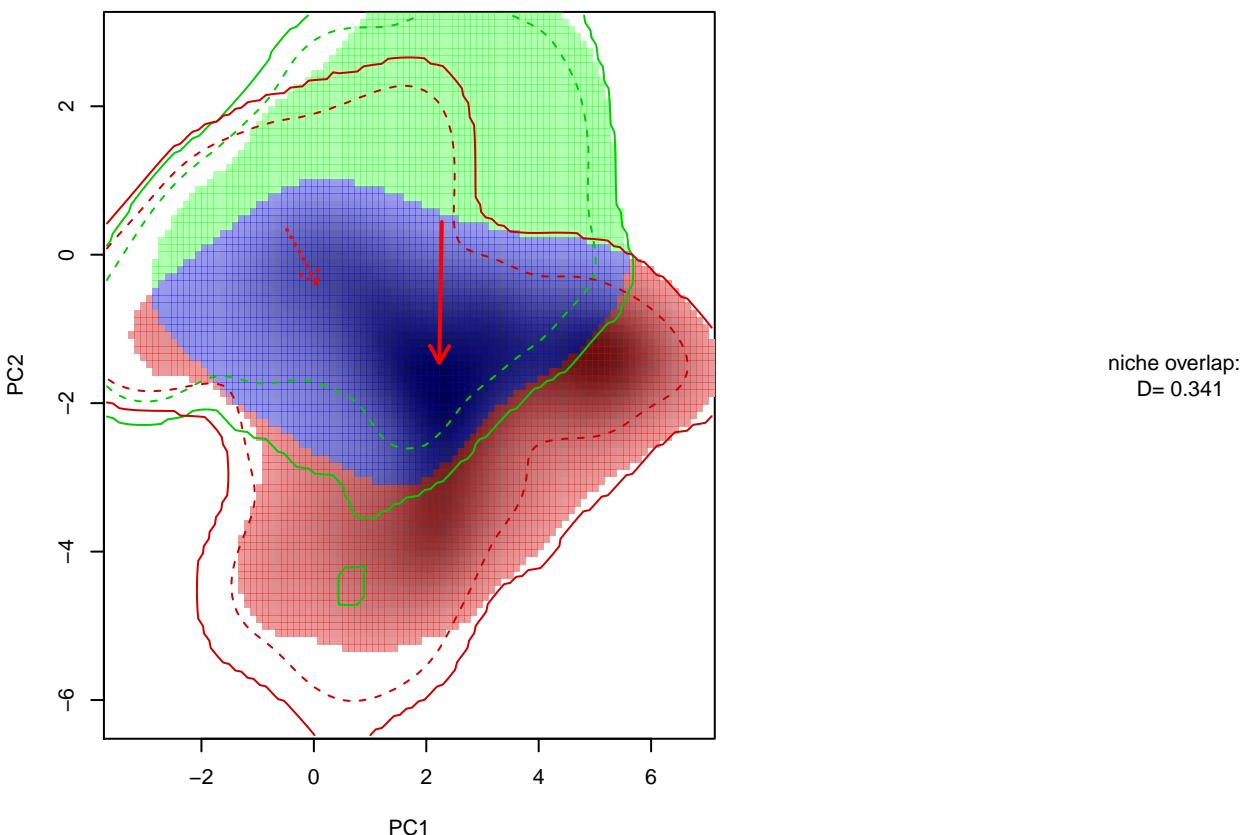
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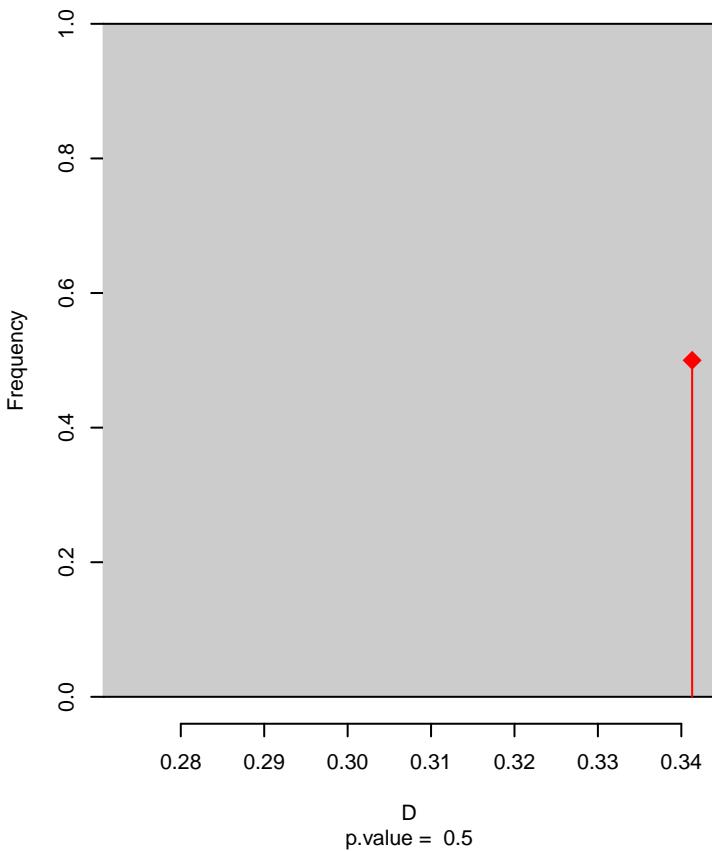
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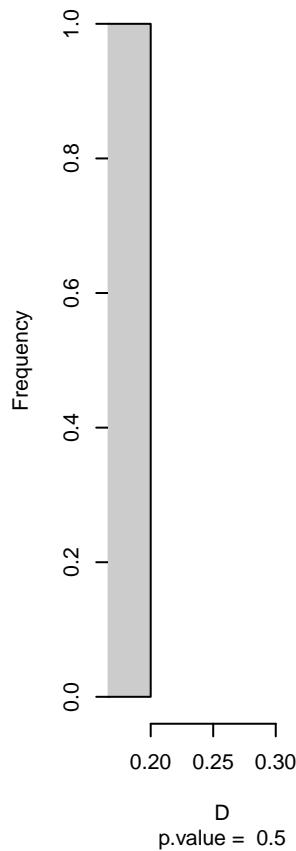
*Agriornis\_montanus* seasonal overlap–hypo.br



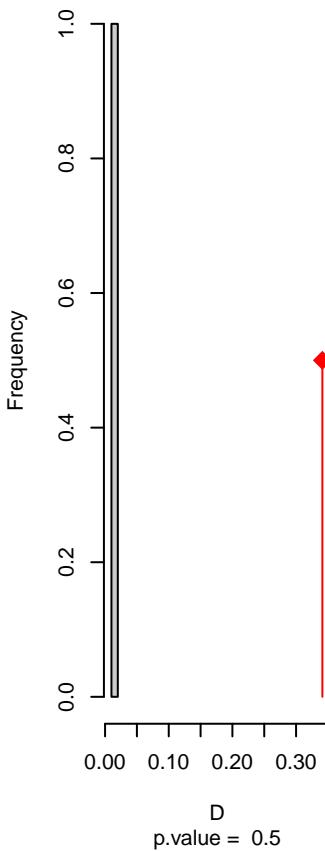
Equivalency



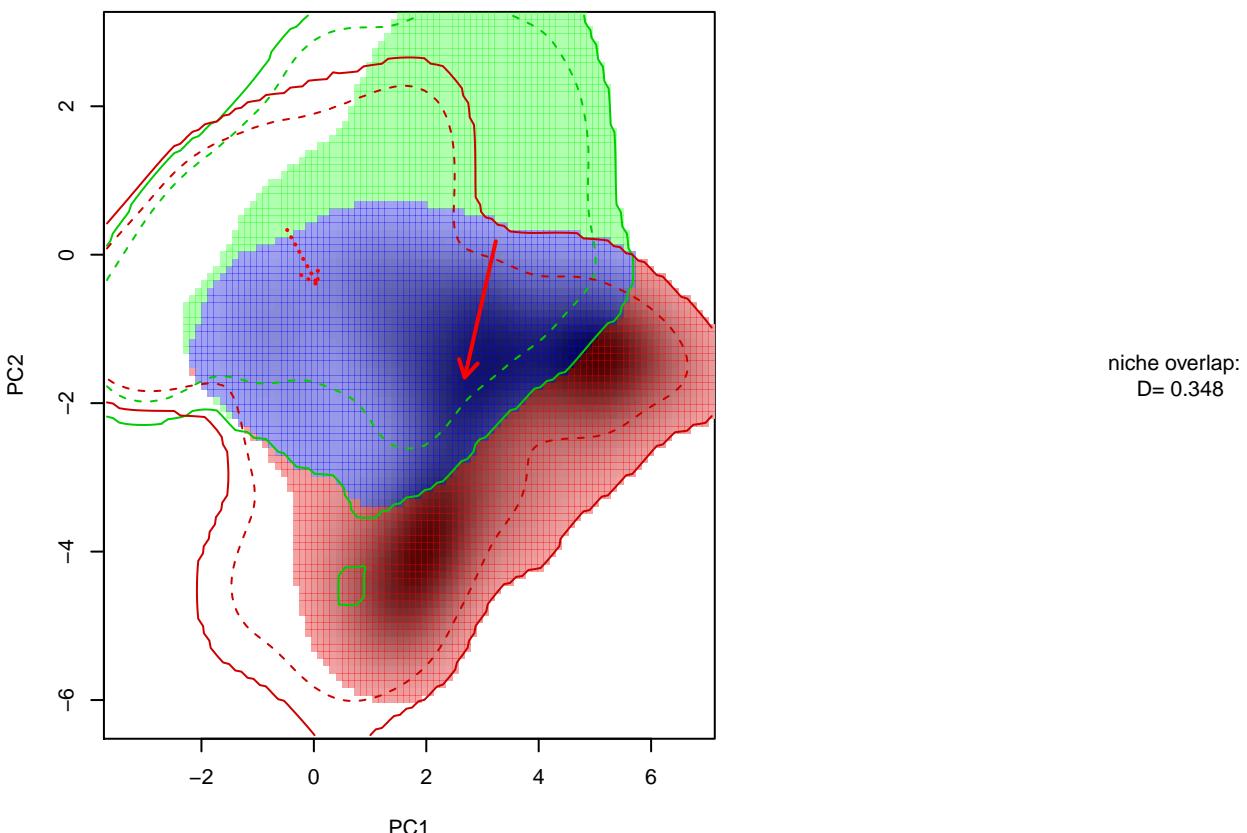
Similarity 2→1



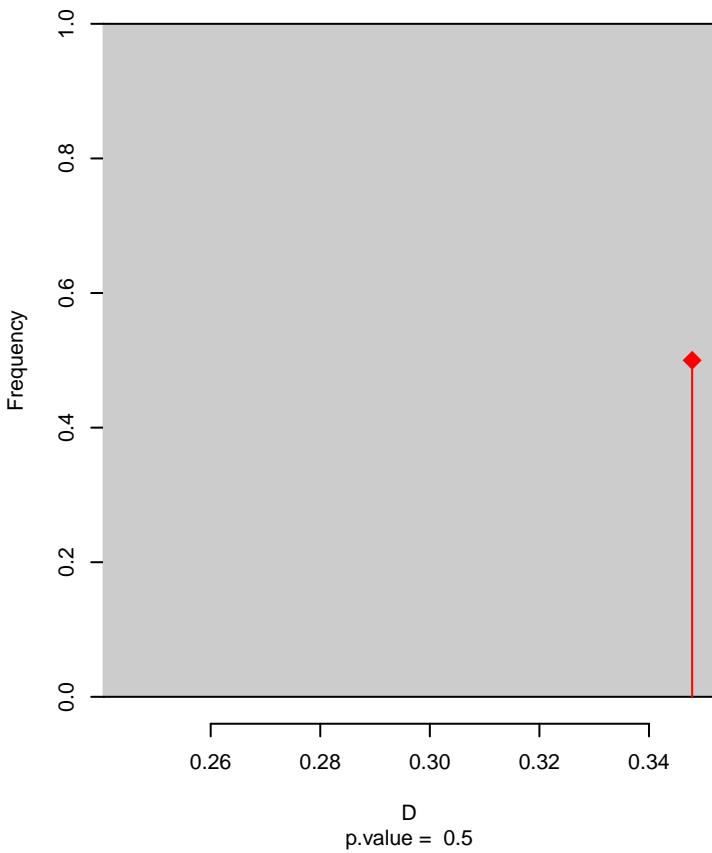
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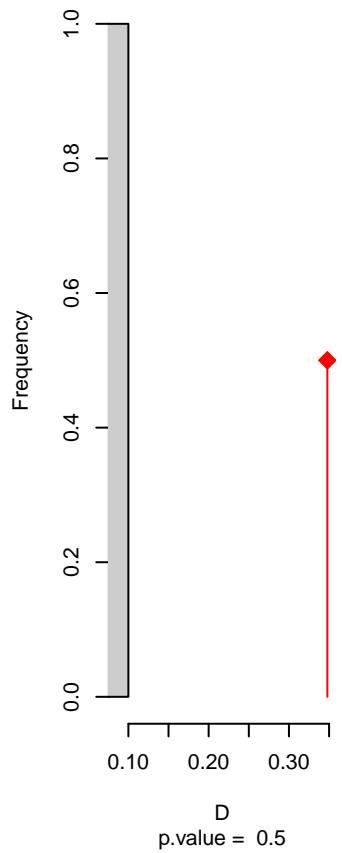
# *Agriornis\_montanus* seasonal overlap–hypo wi



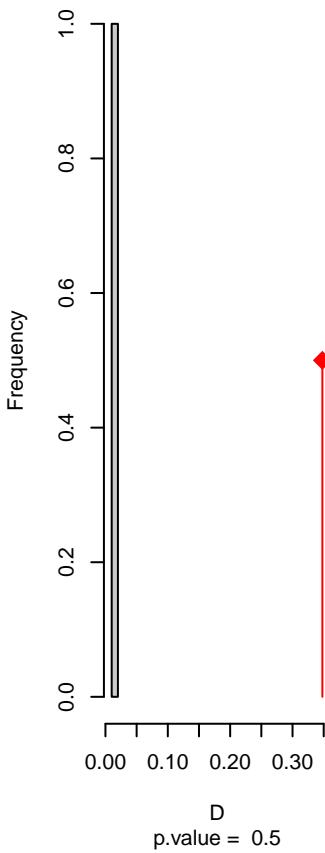
**Equivalency**



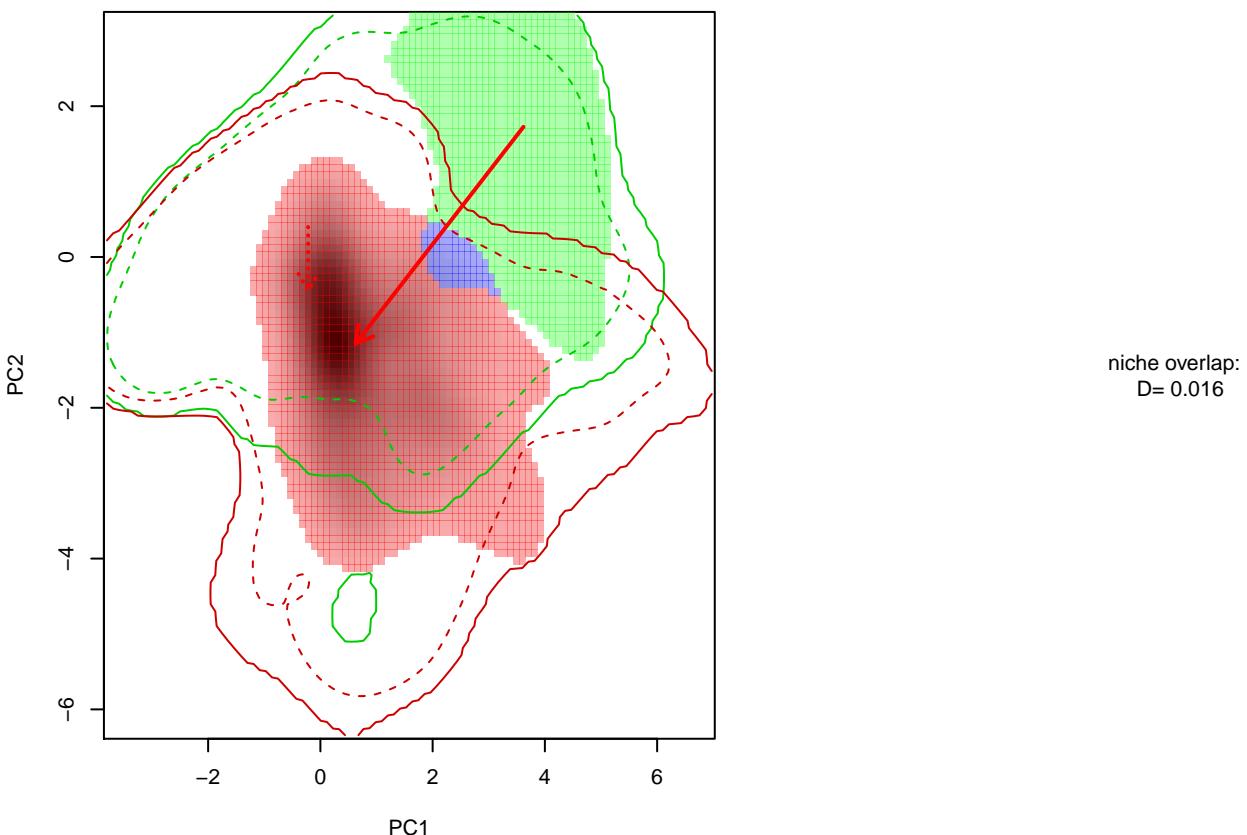
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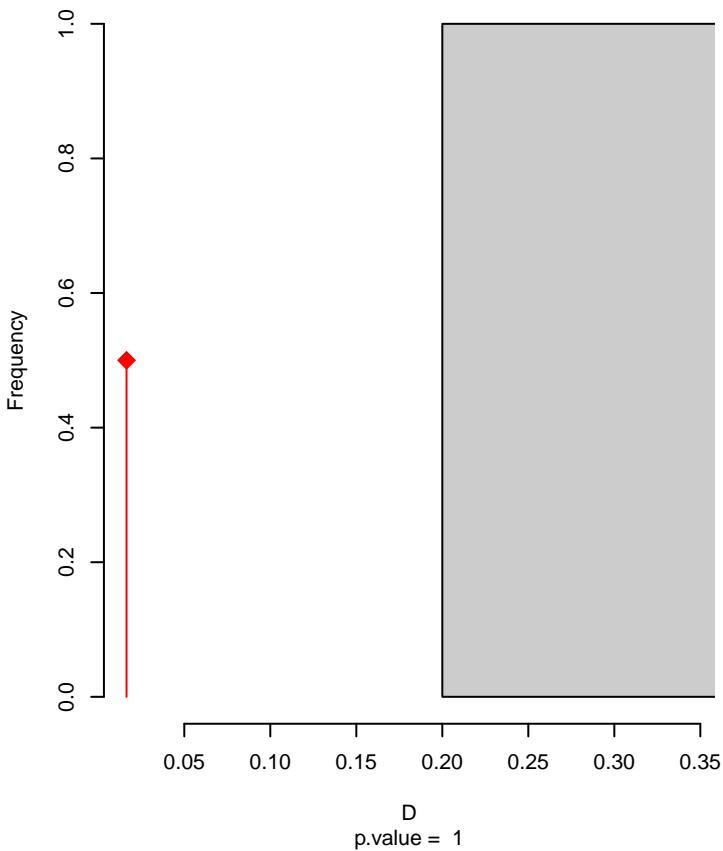
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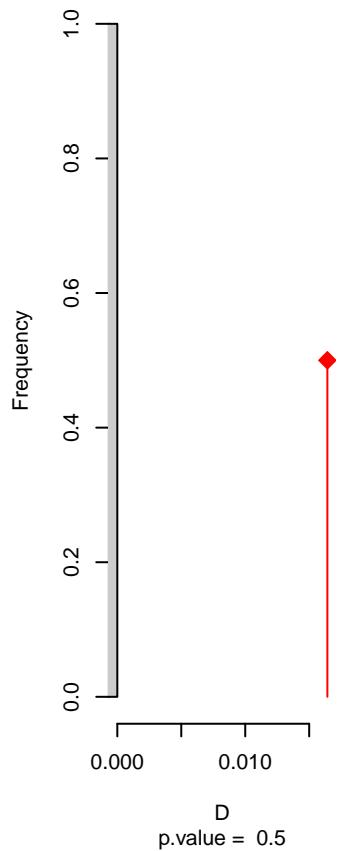
### Agriornis\_murinus seasonal overlap



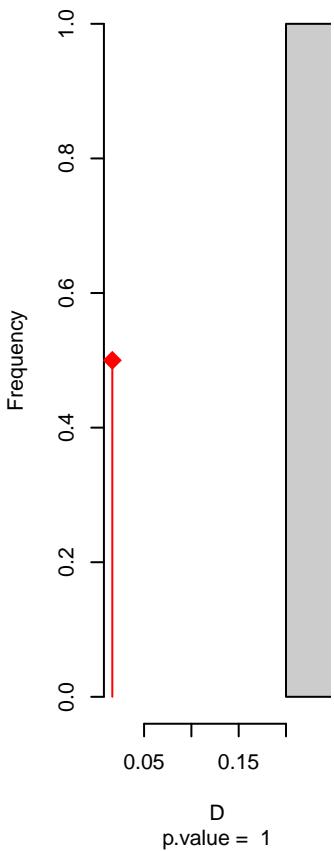
**Equivalency**



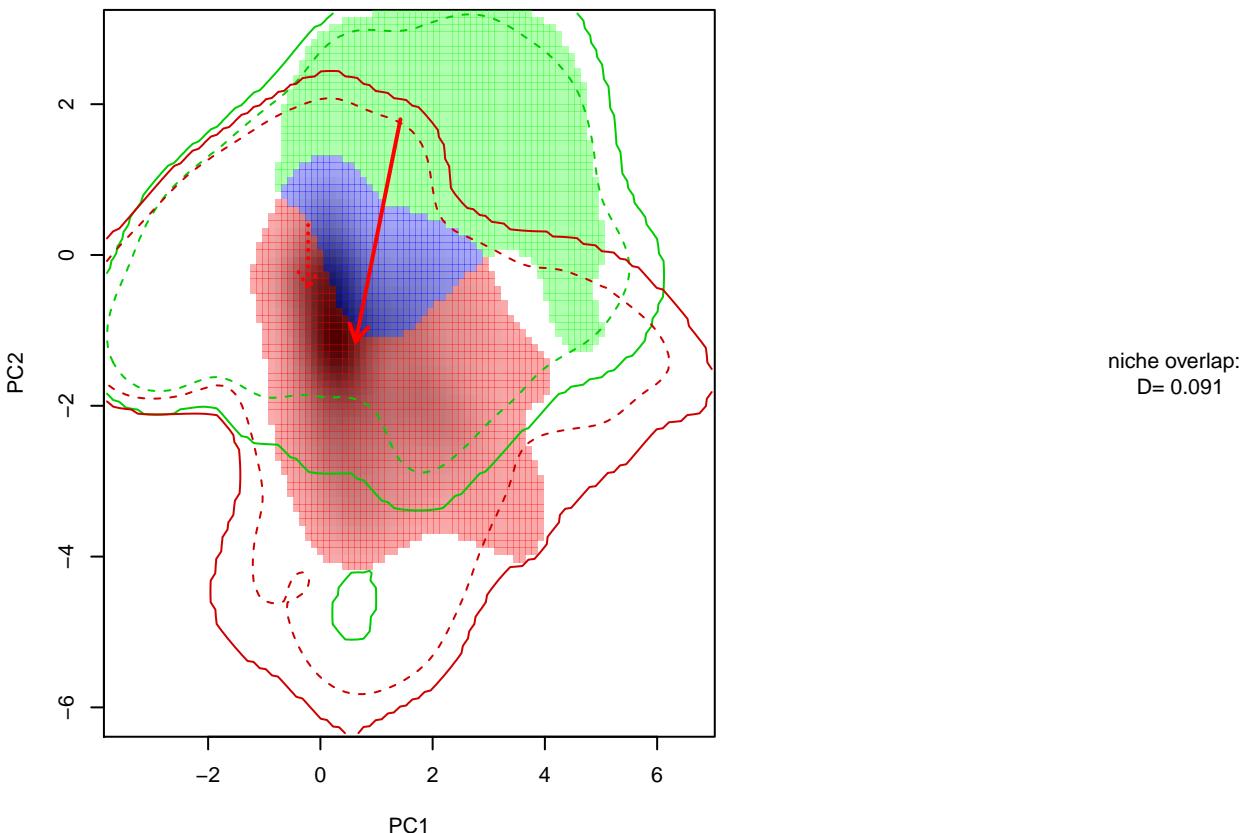
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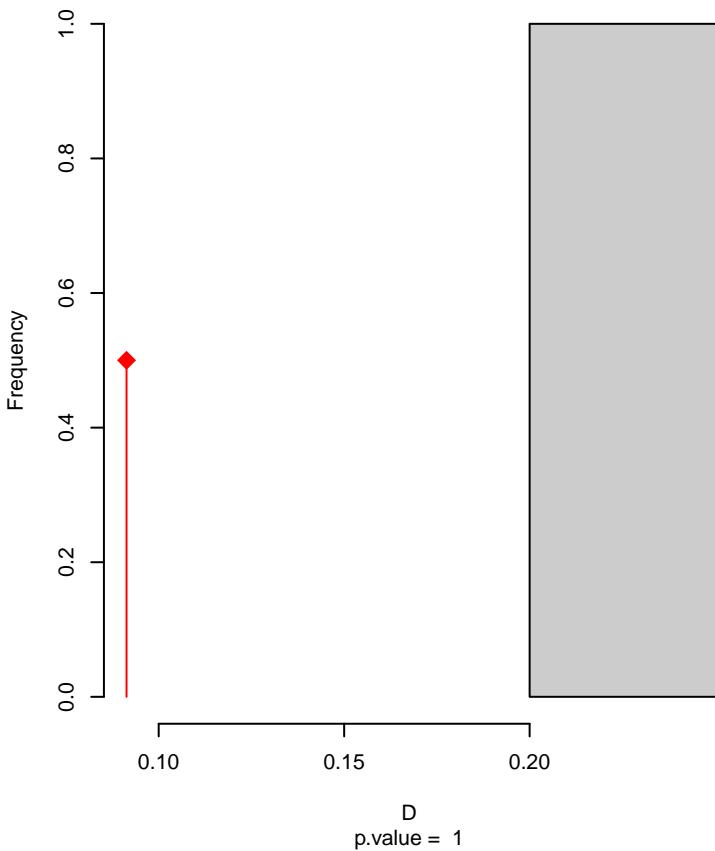
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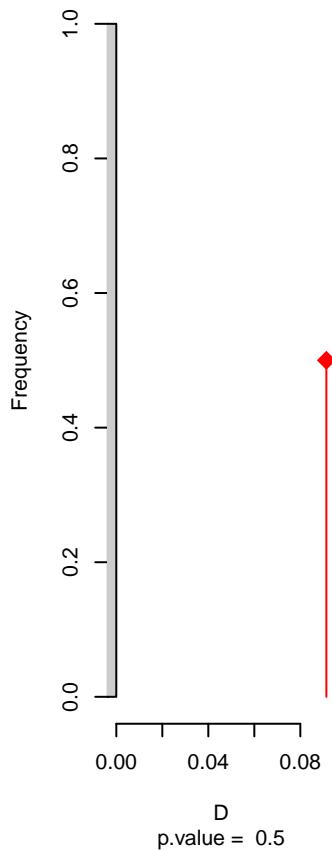
# Agriornis\_murinus seasonal overlap-hypo.br



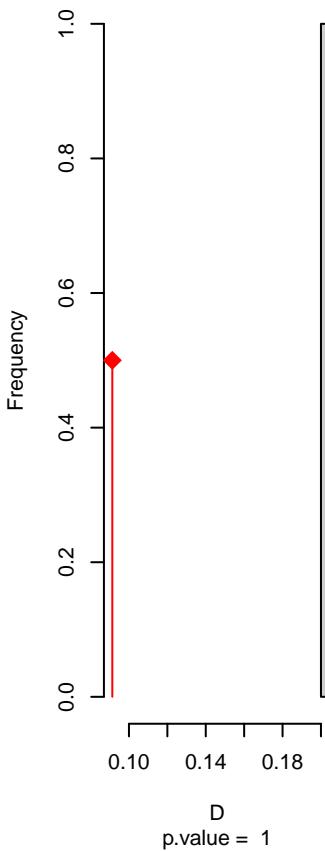
**Equivalency**



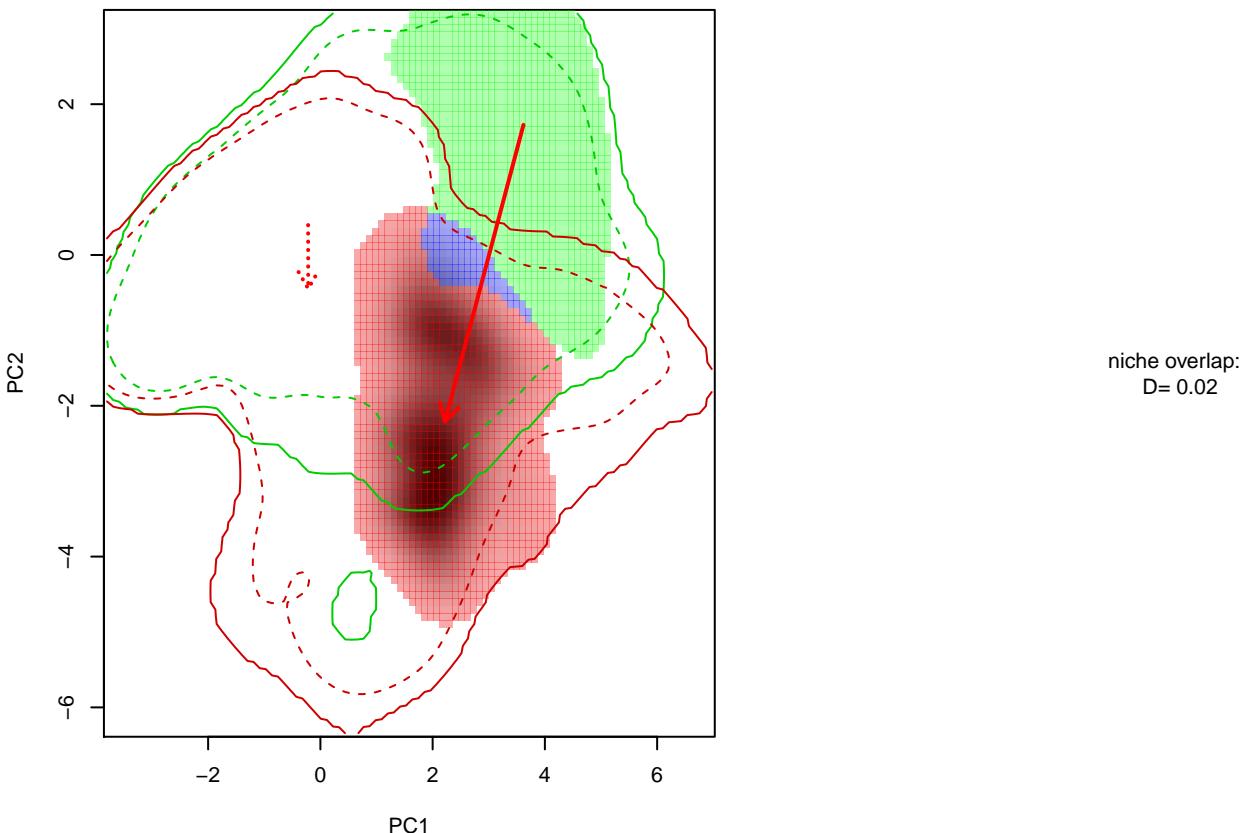
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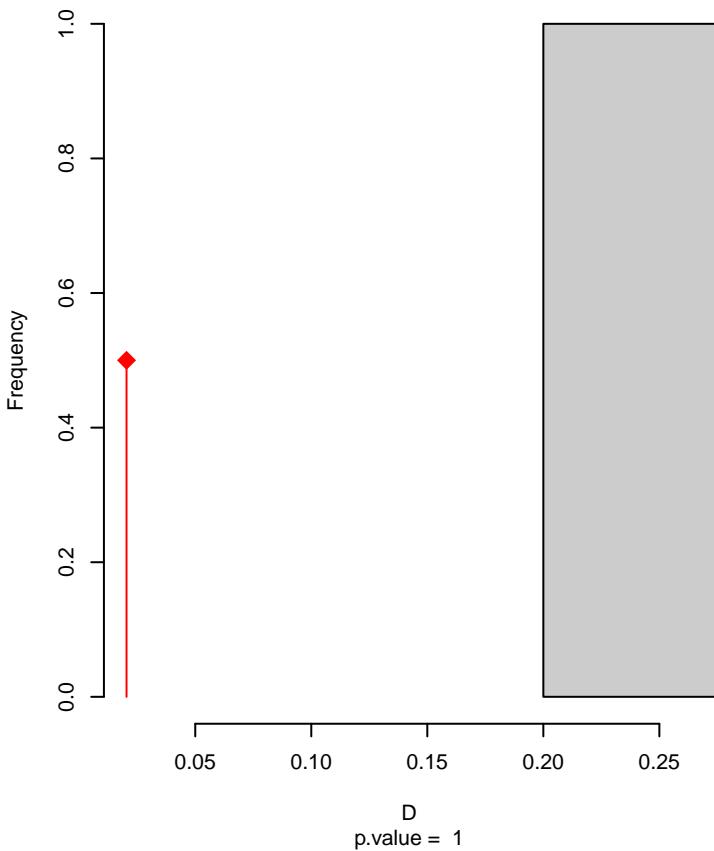
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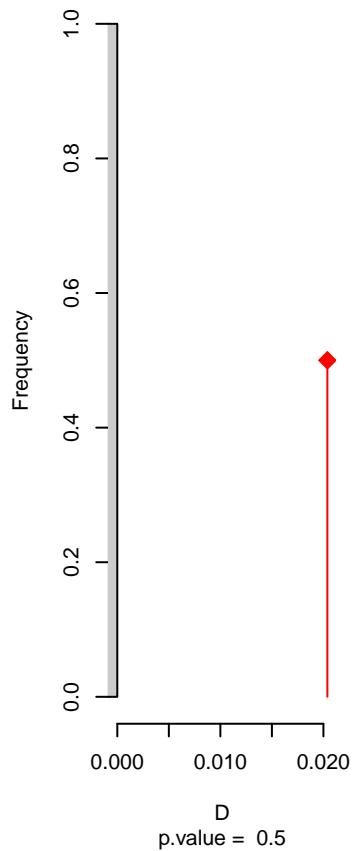
# Agriornis\_murinus seasonal overlap-hypo wi



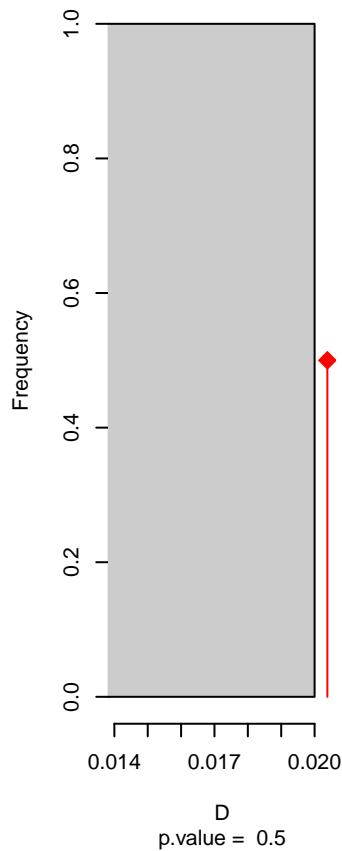
**Equivalency**



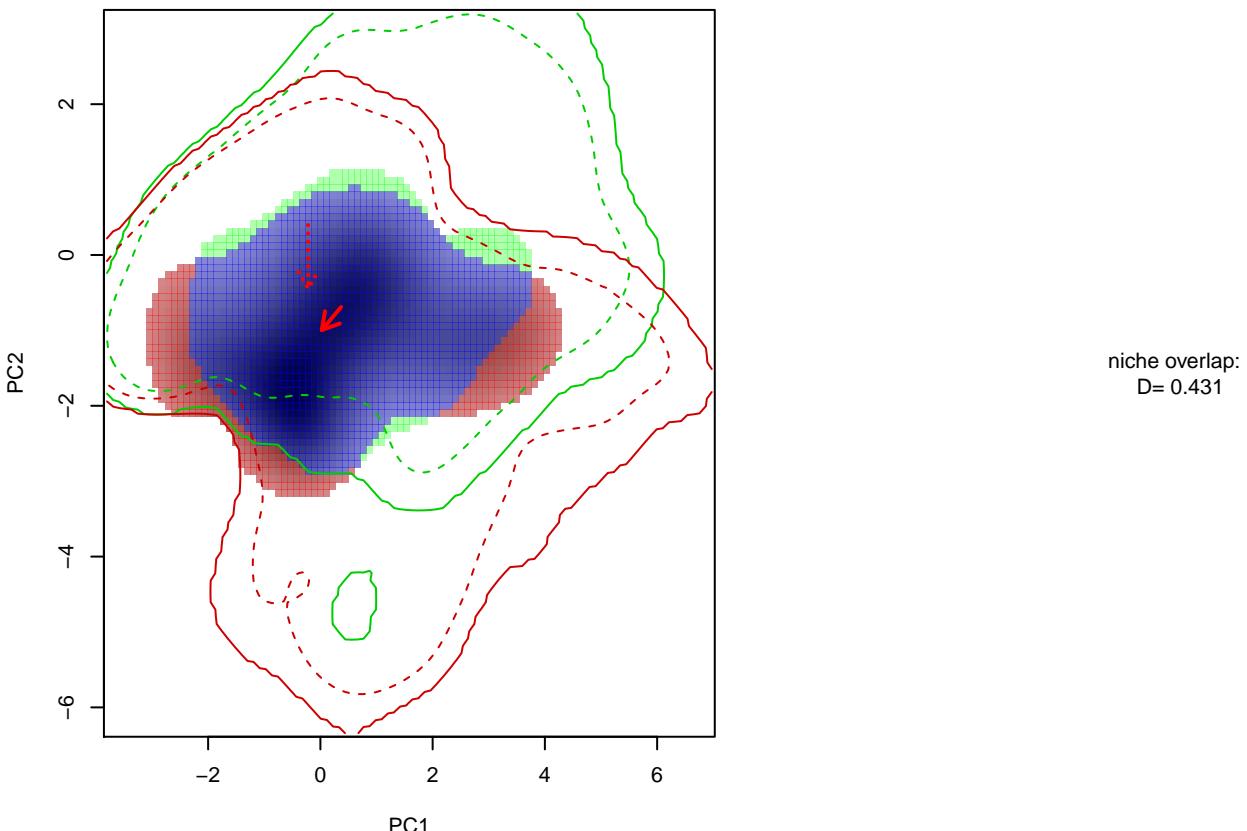
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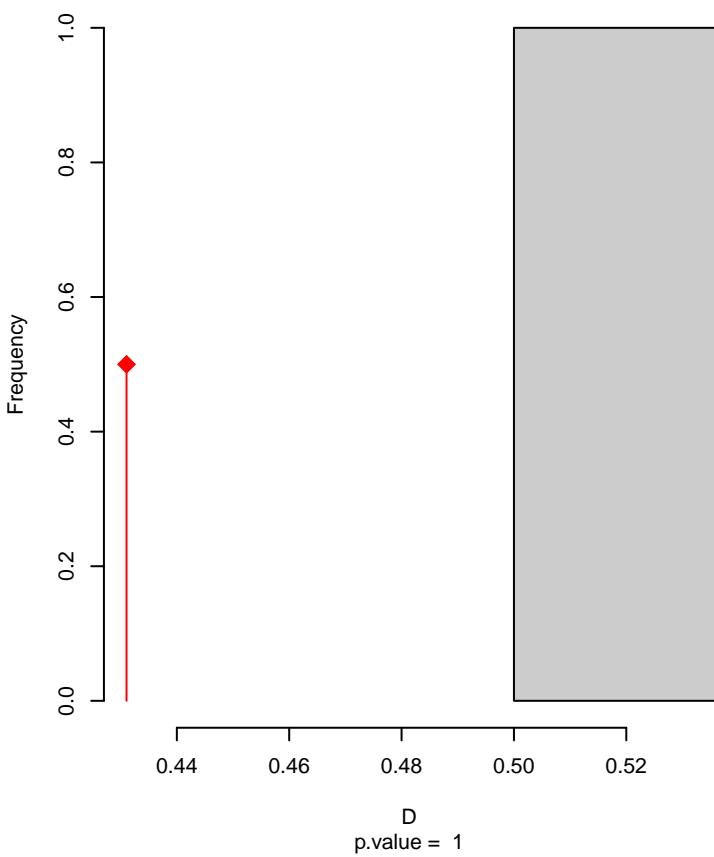
**Similarity 1→2**



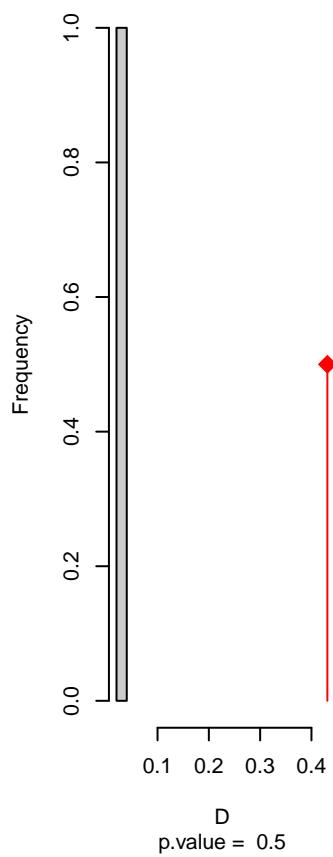
### Cnemarchus\_erythropygius seasonal overlap



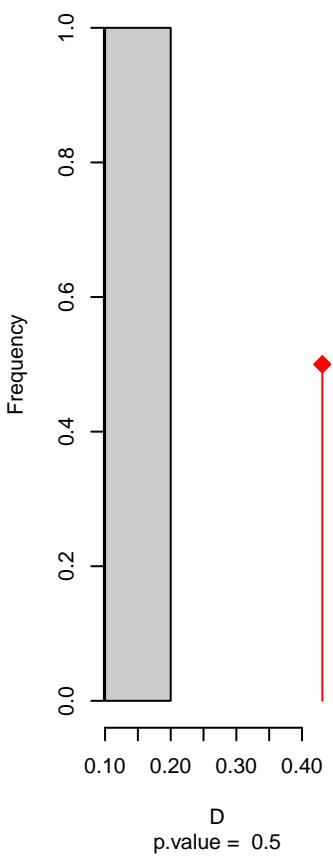
**Equivalency**



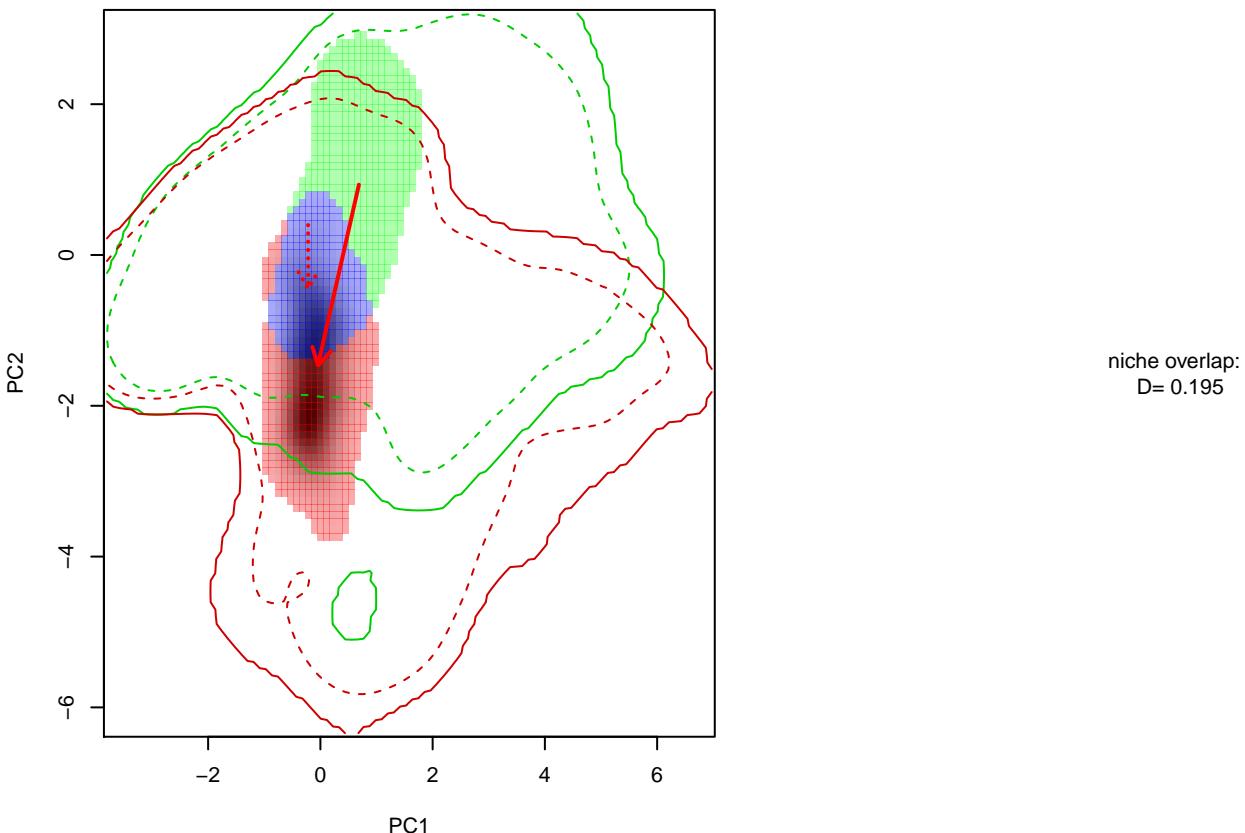
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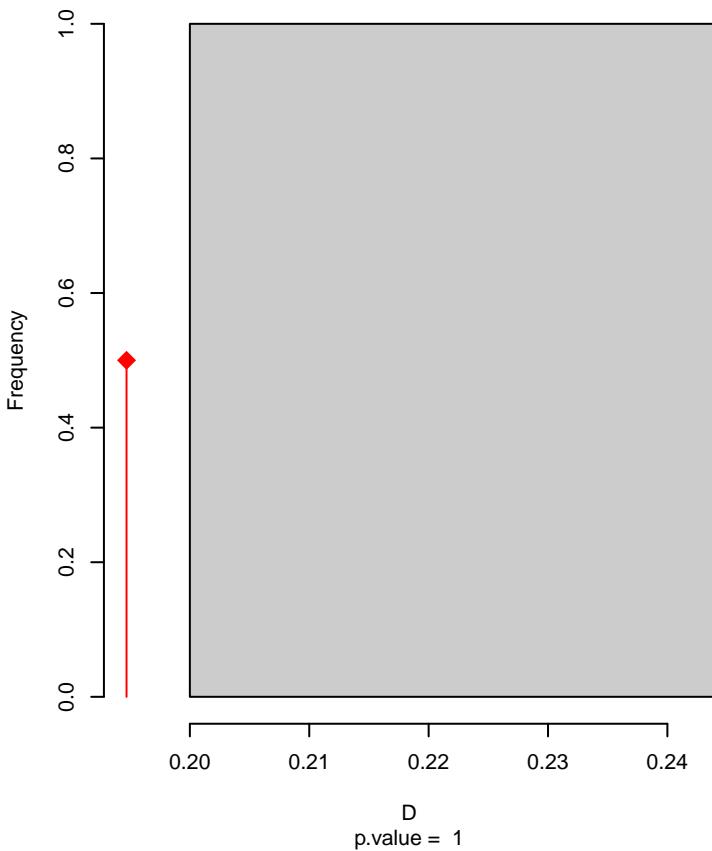
**Similarity 1→2**



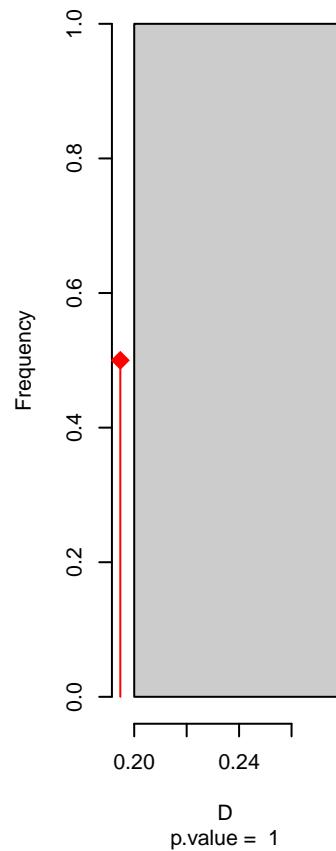
### Heteroxolmis\_dominicana seasonal overlap



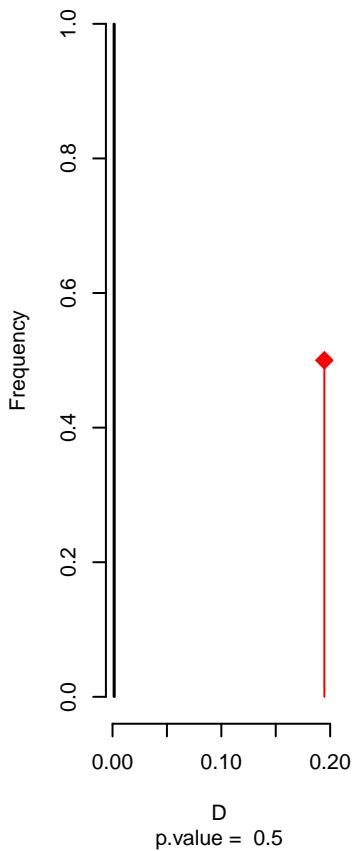
**Equivalency**



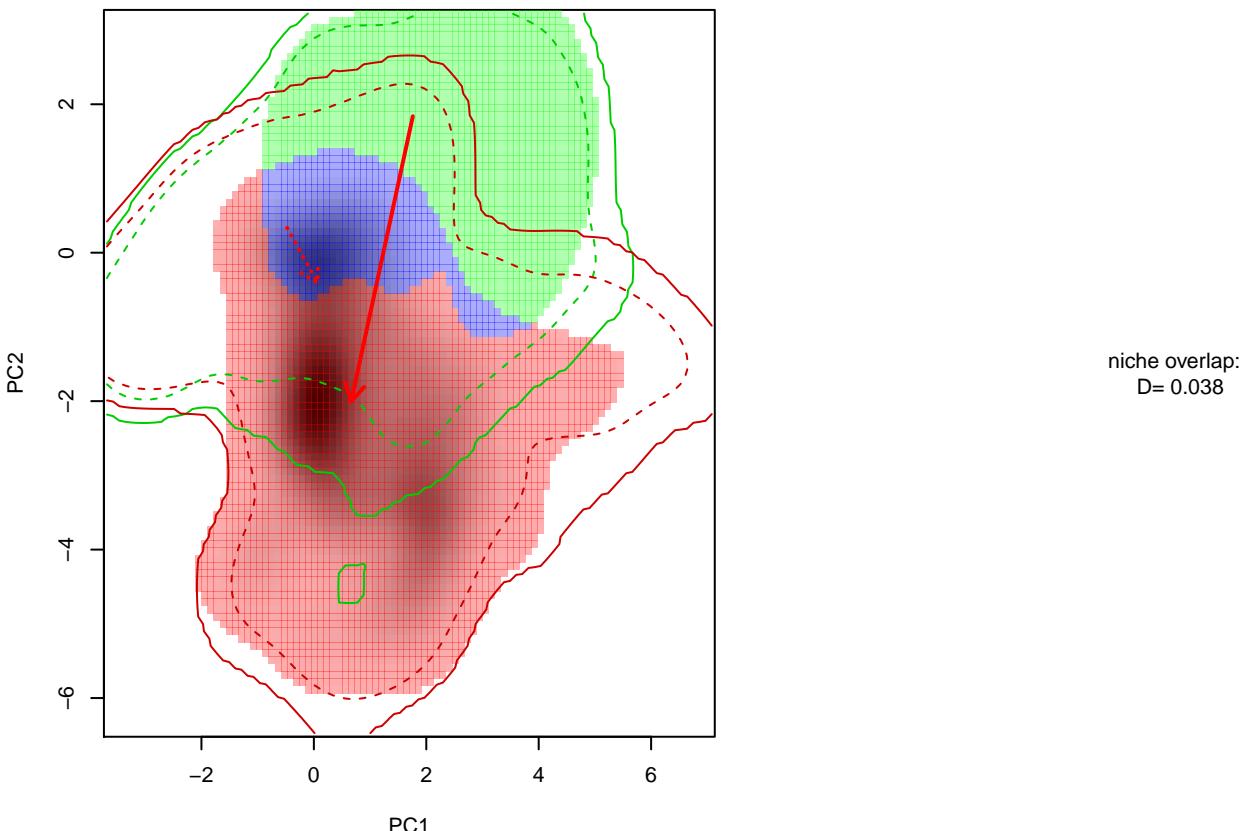
**Similarity 2→1**



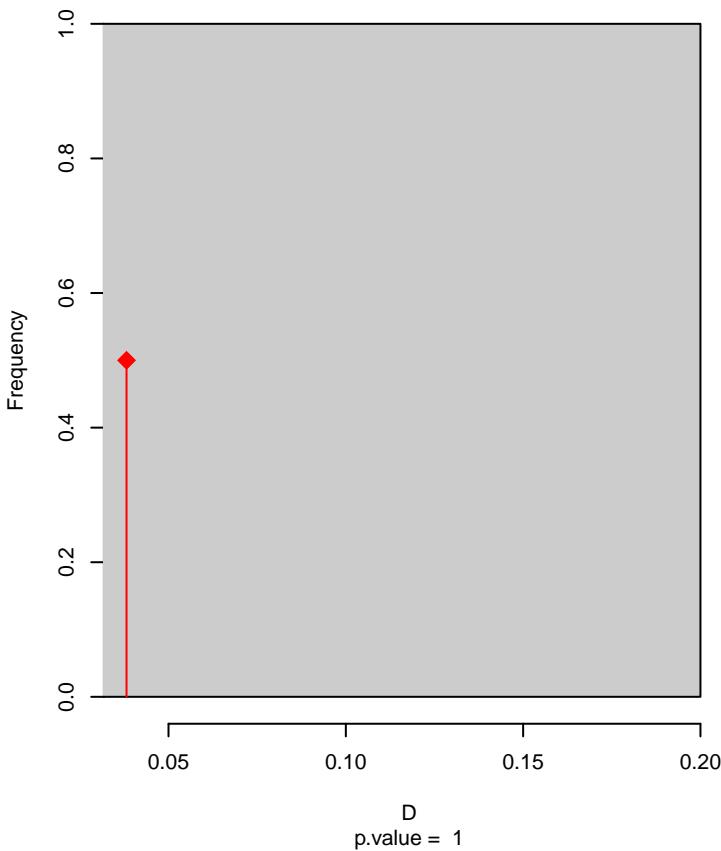
**Similarity 1→2**



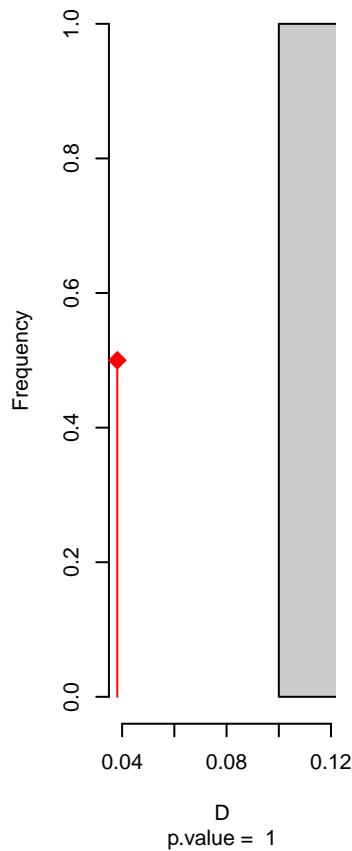
### Hymenops\_perspicillatus seasonal overlap



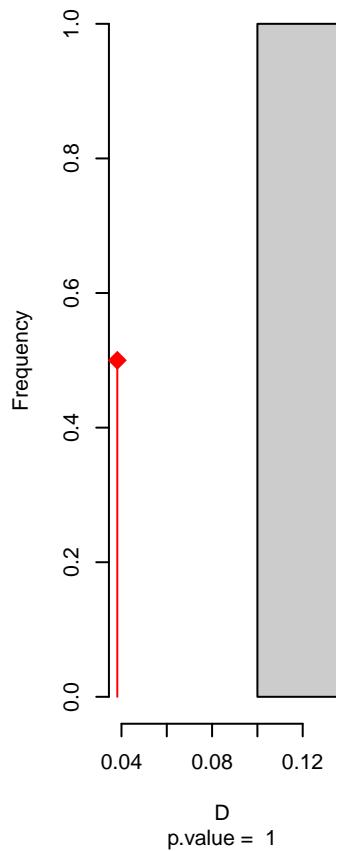
**Equivalency**



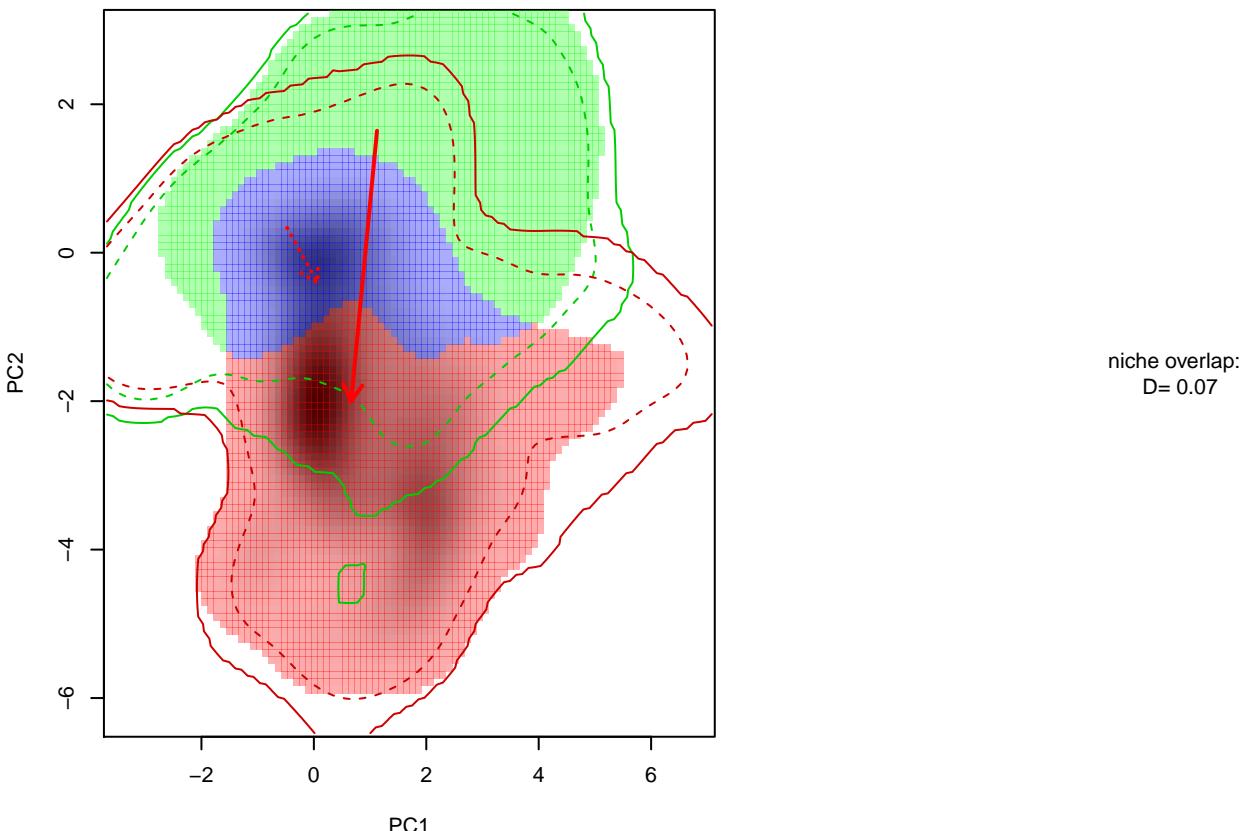
**Similarity 2→1**



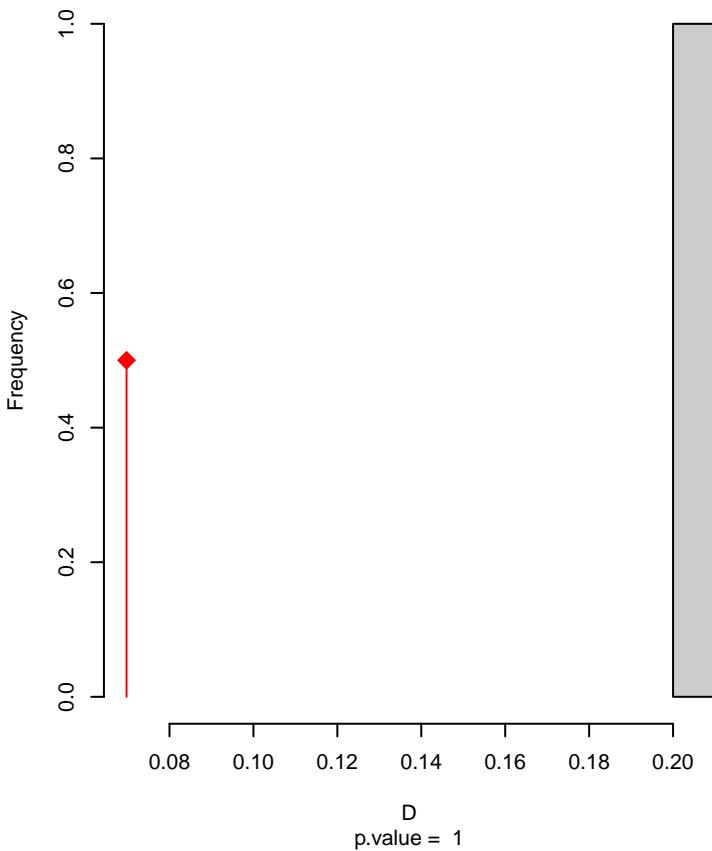
**Similarity 1→2**



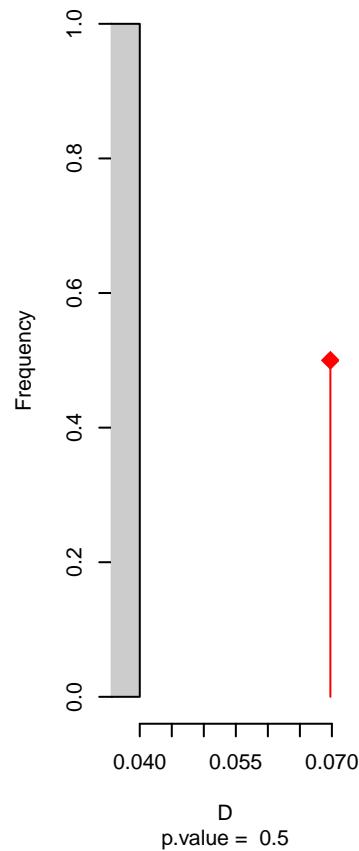
# Hymenops\_perspicillatus seasonal overlap-hypo.br



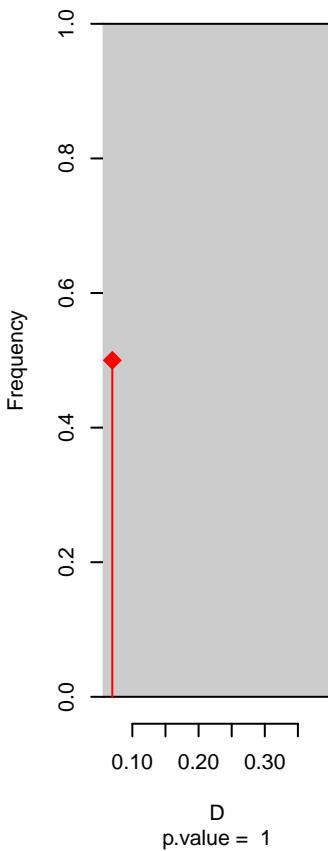
**Equivalency**



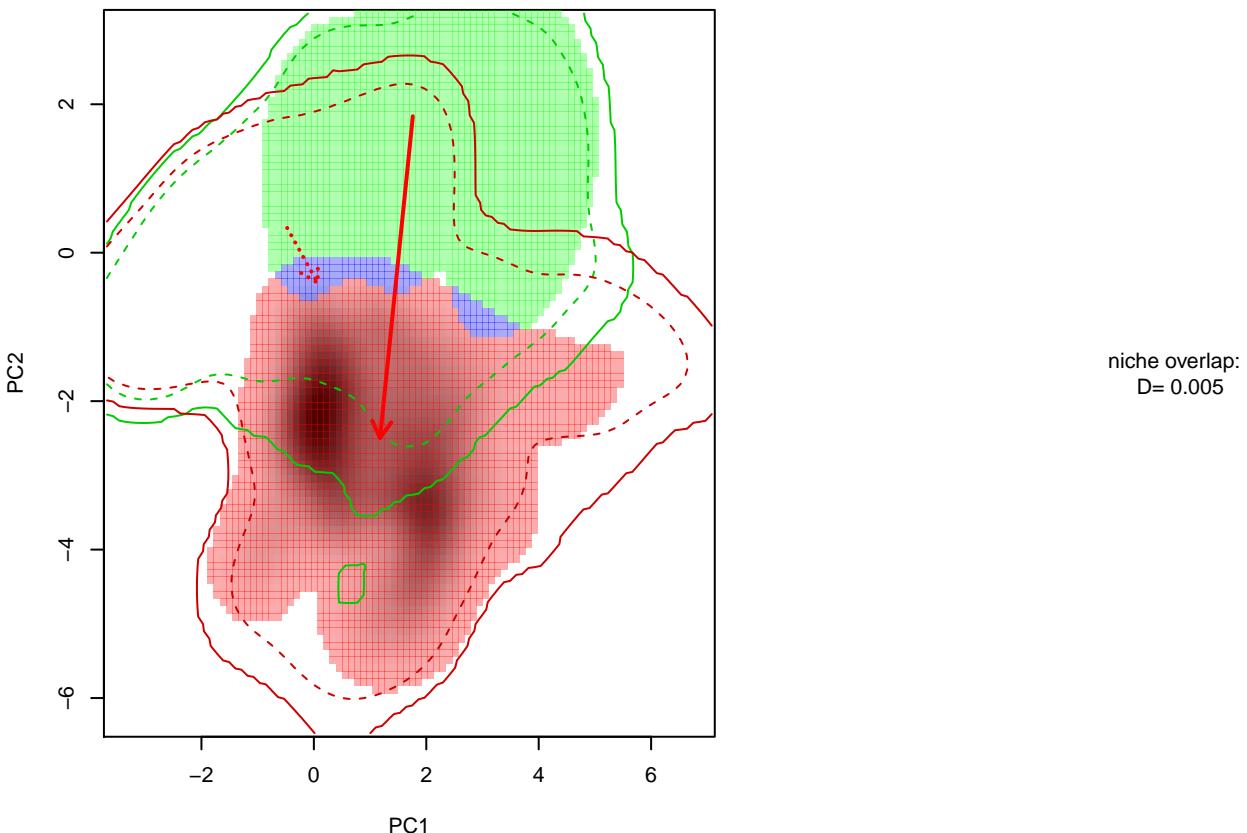
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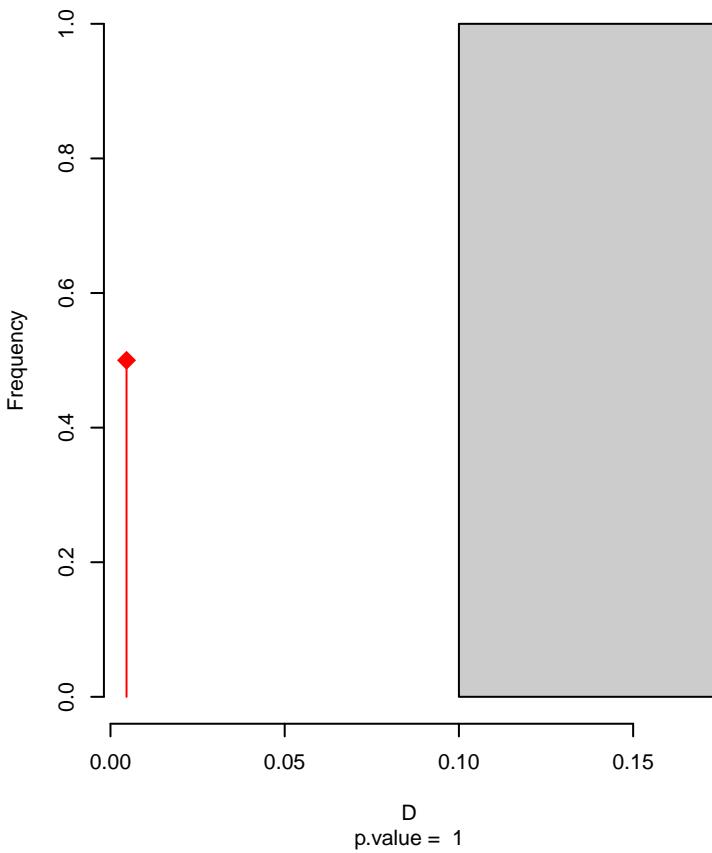
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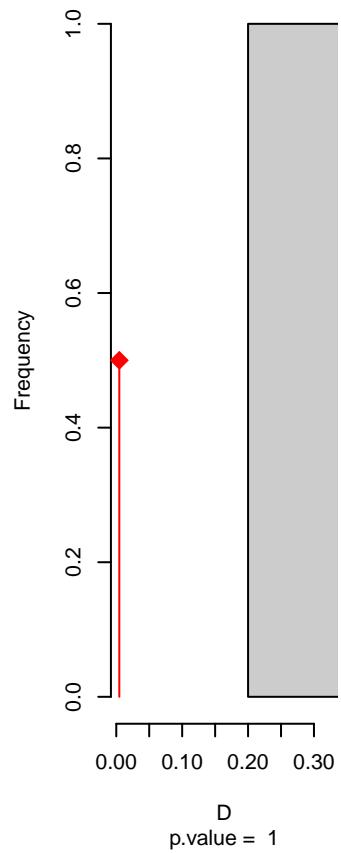
# Hymenops\_perspicillatus seasonal overlap-hypo wi



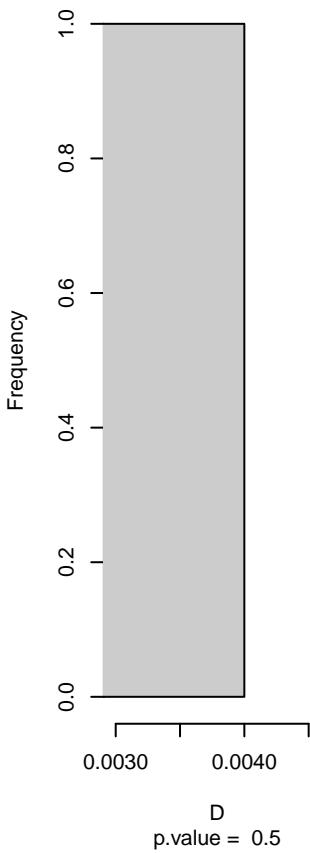
**Equivalency**



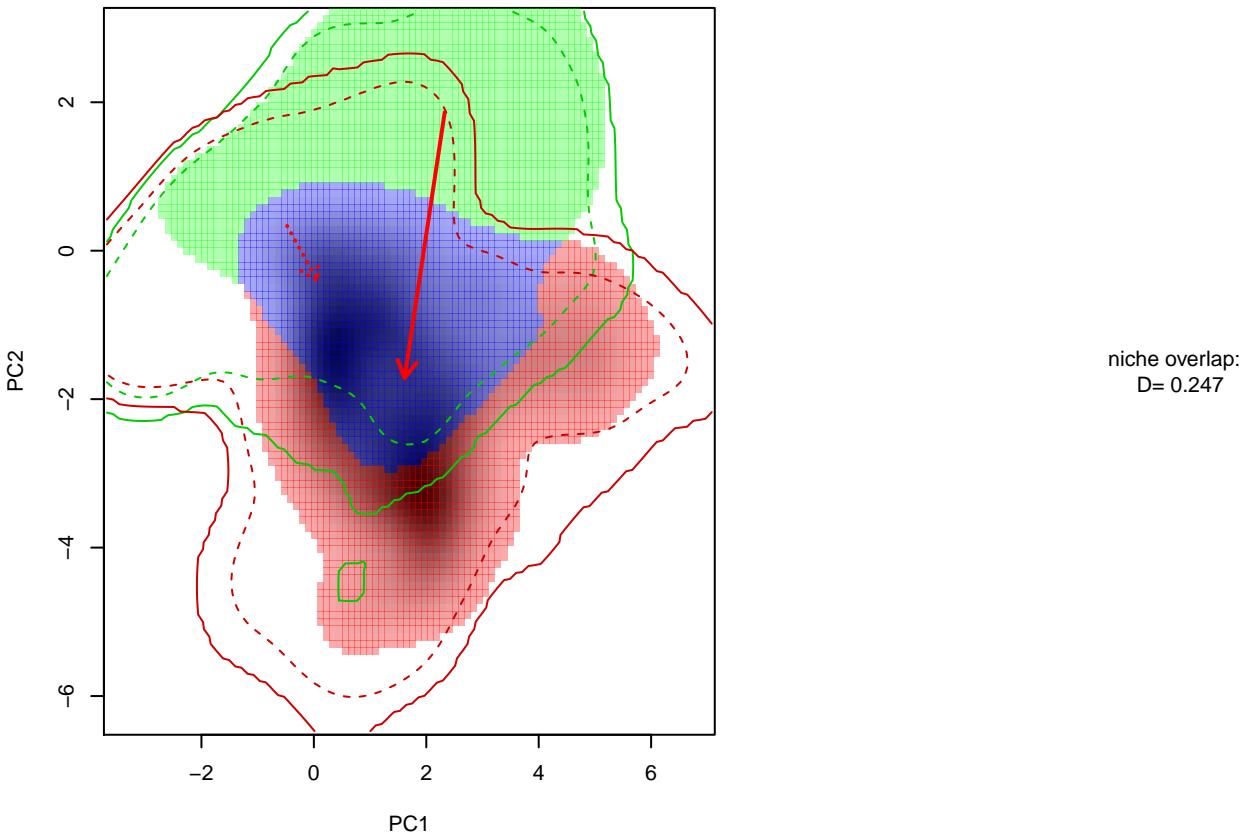
**Similarity 2→1**



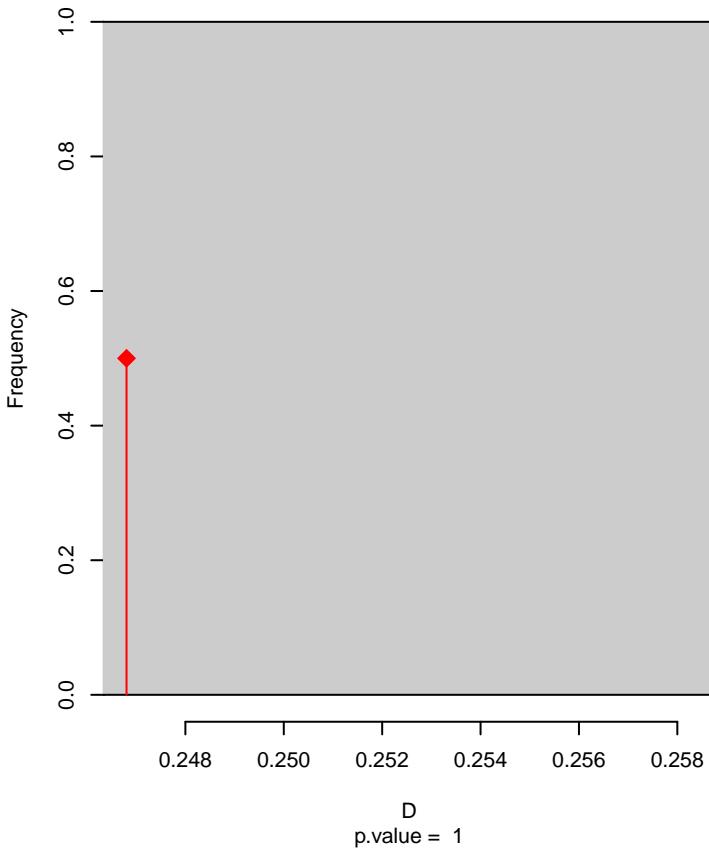
**Similarity 1→2**



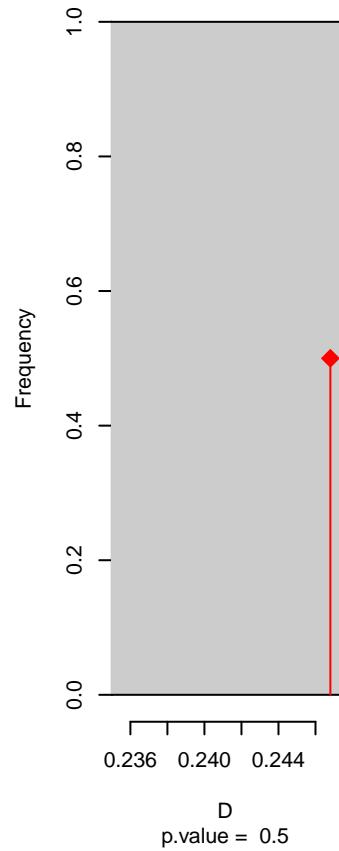
### Knipolegus\_aterrimus seasonal overlap



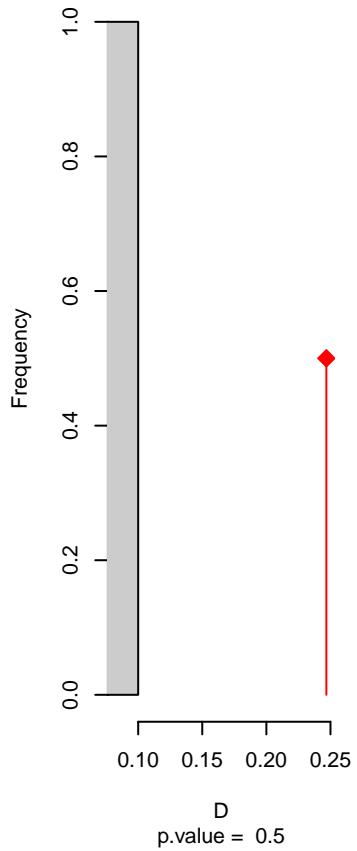
**Equivalency**



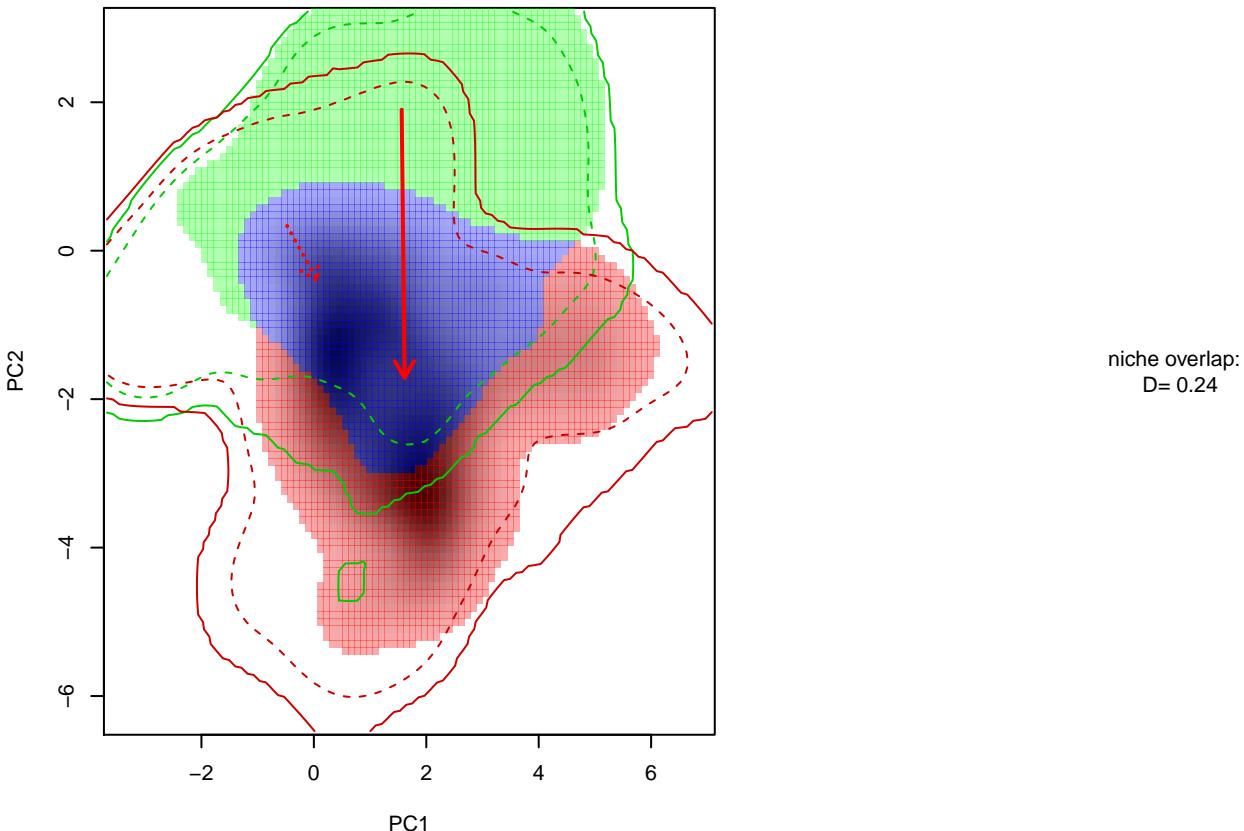
**Similarity 2→1**



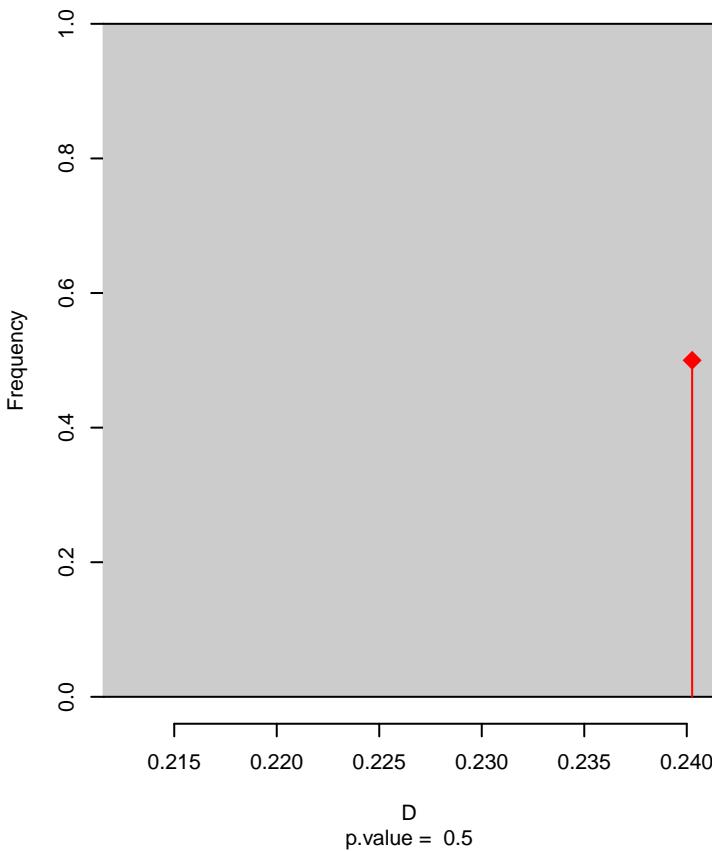
**Similarity 1→2**



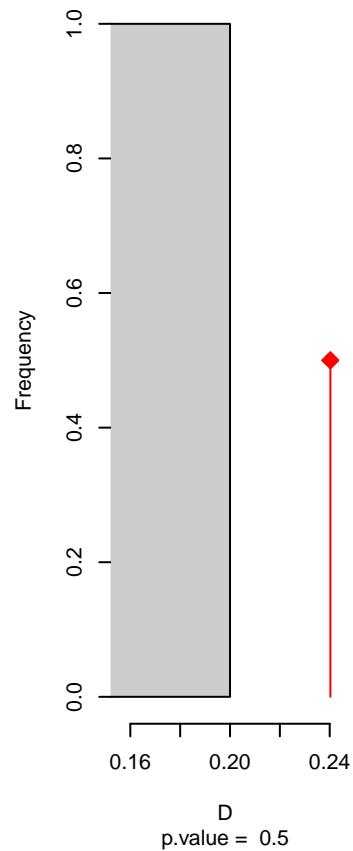
# *Knipolegus aterrimus* seasonal overlap-hypo.br



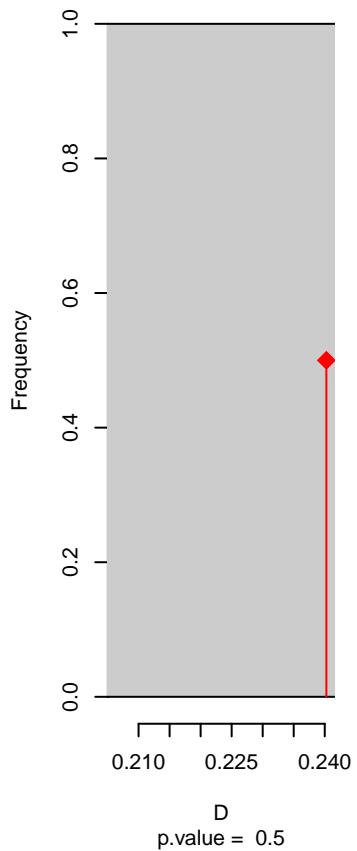
**Equivalency**



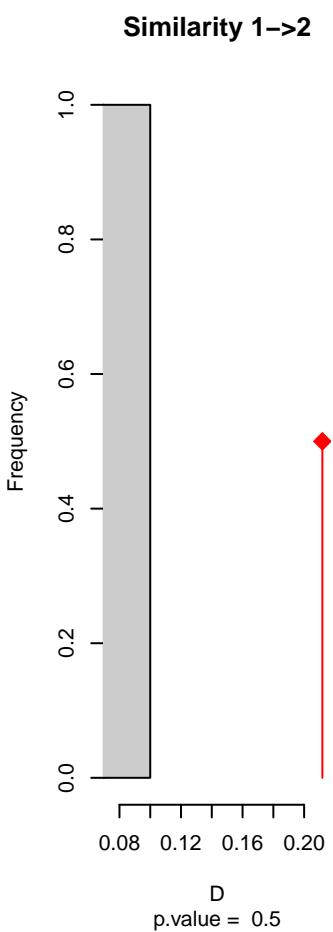
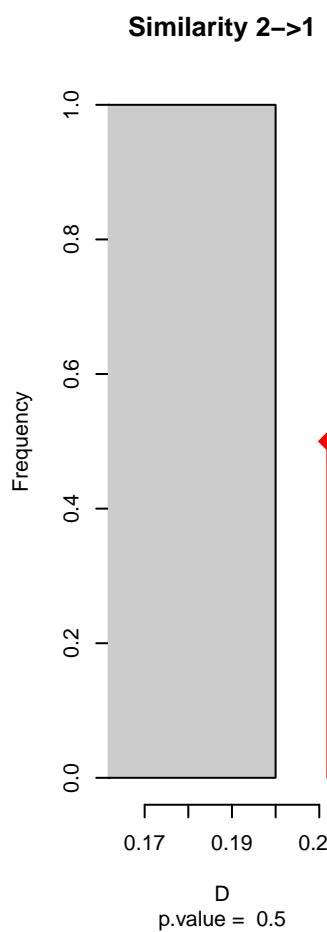
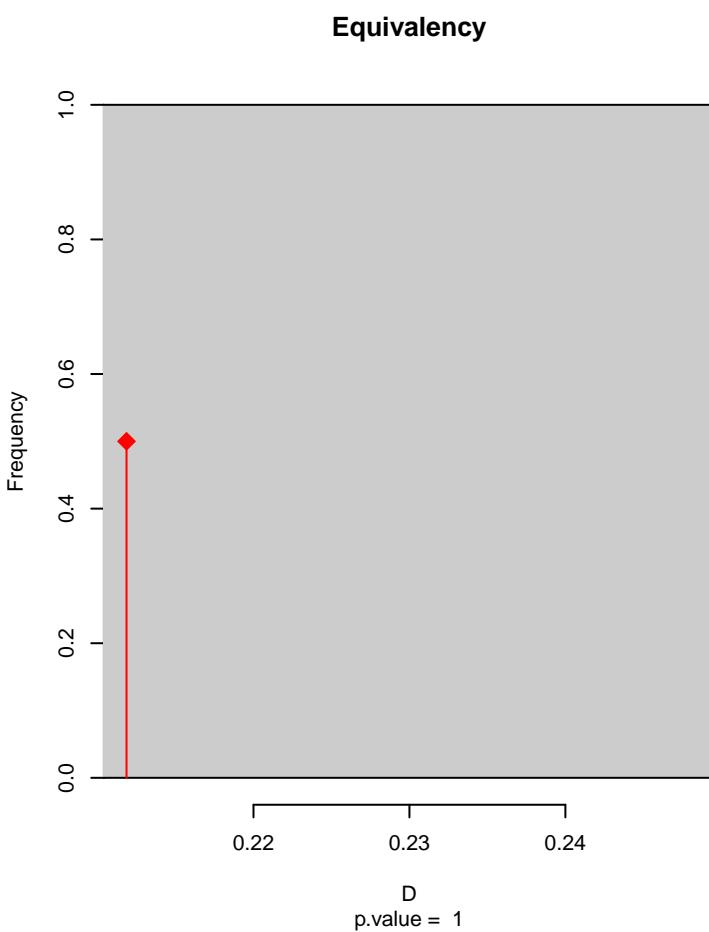
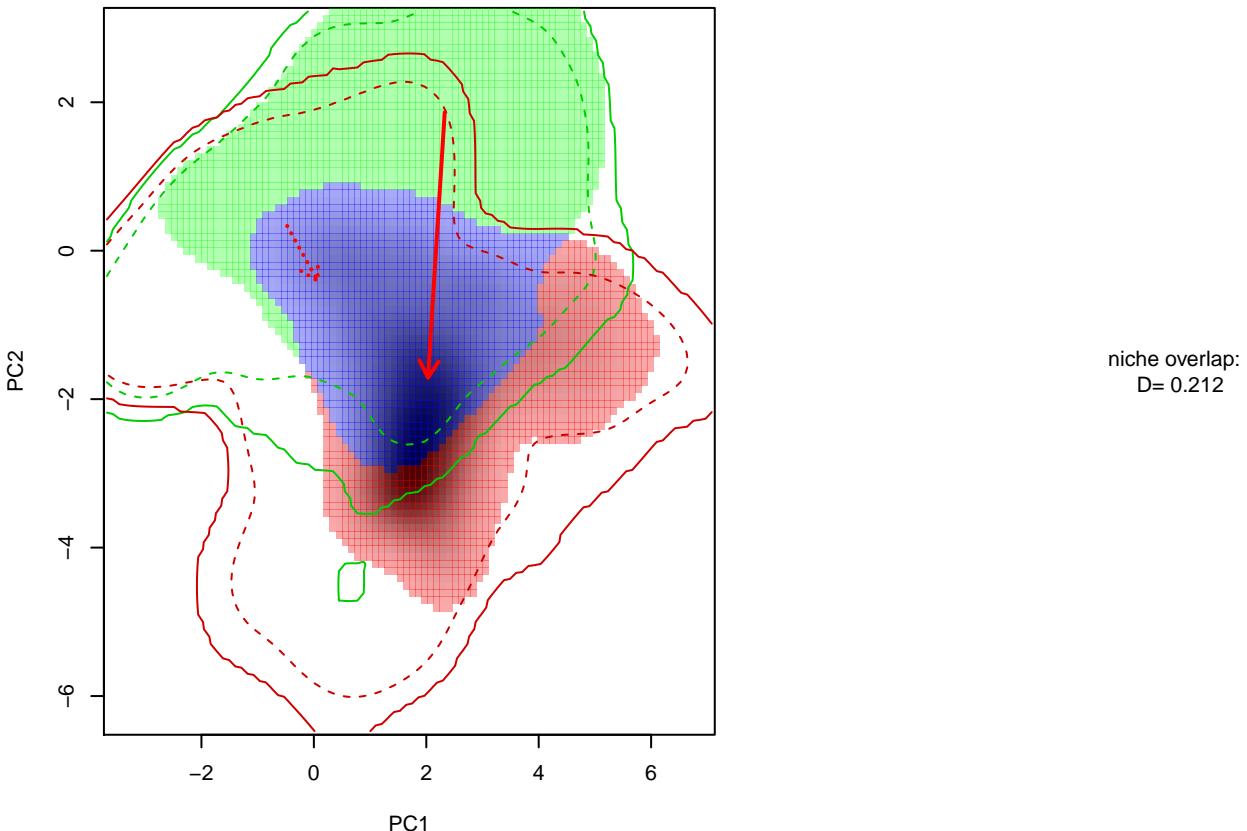
**Similarity 2→1**



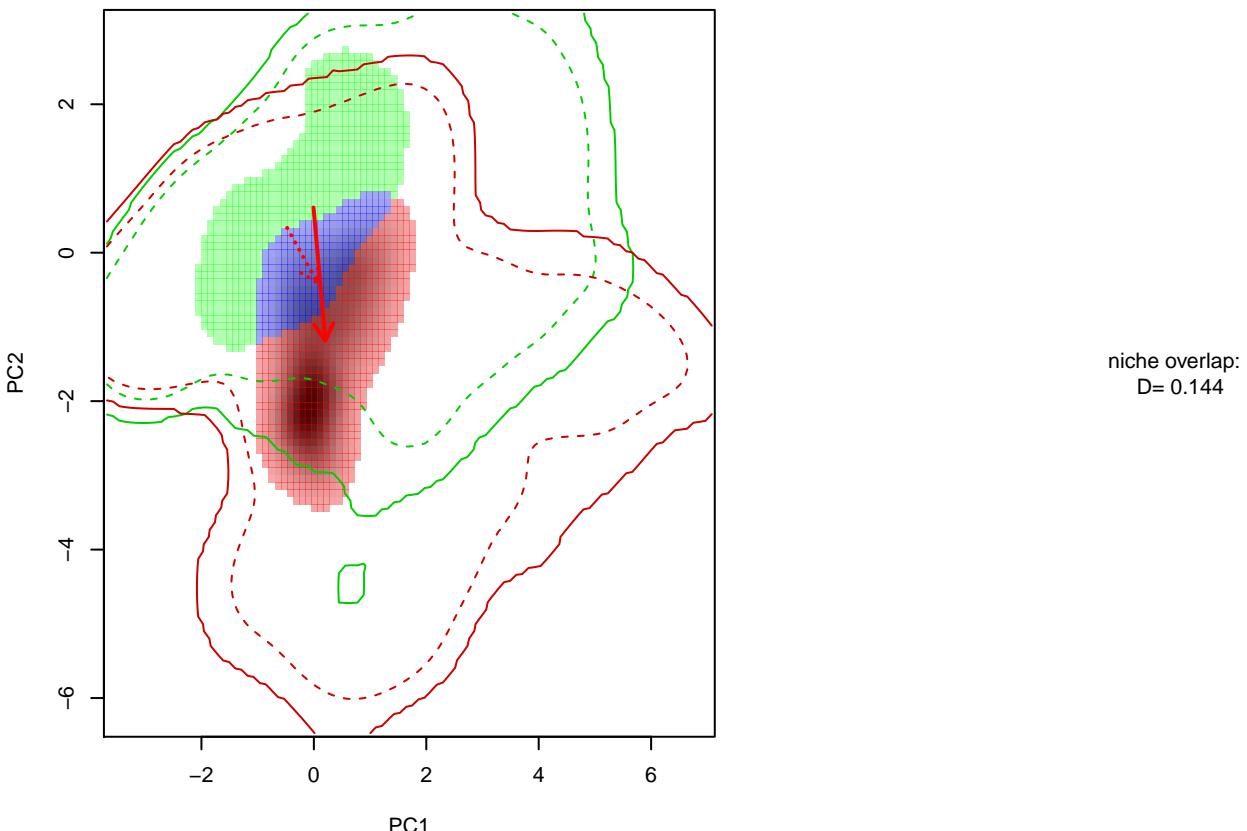
**Similarity 1→2**



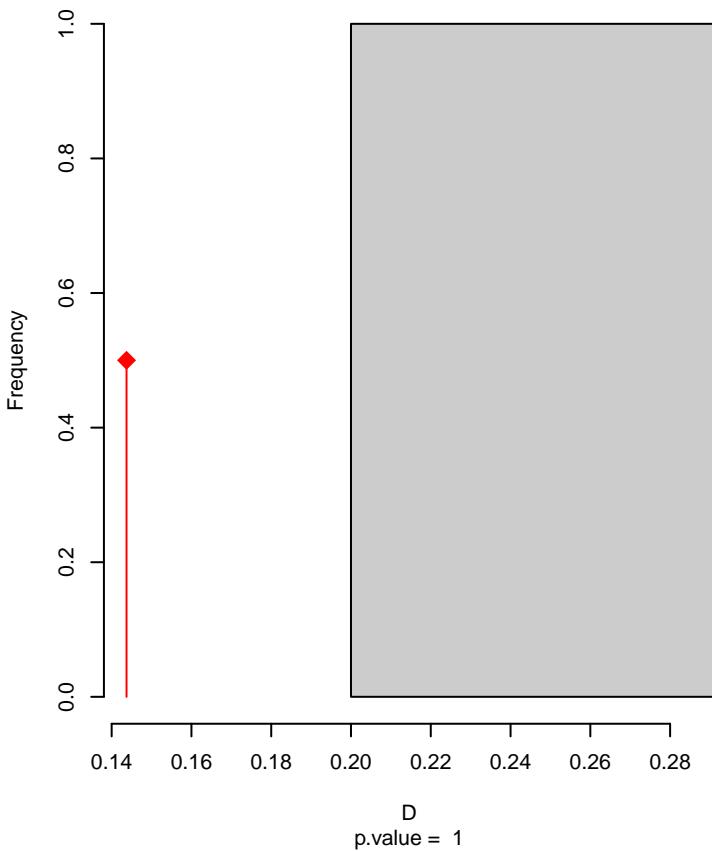
# *Knipolegus\_aterritimus* seasonal overlap-hypo wi



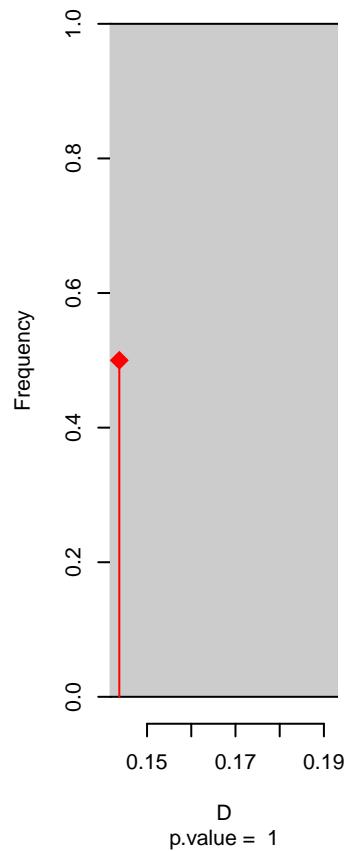
### *Knipolegus\_cyanirostris* seasonal overlap



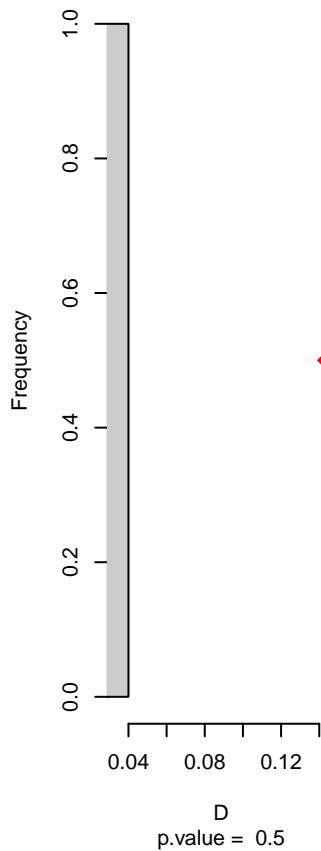
Equivalency



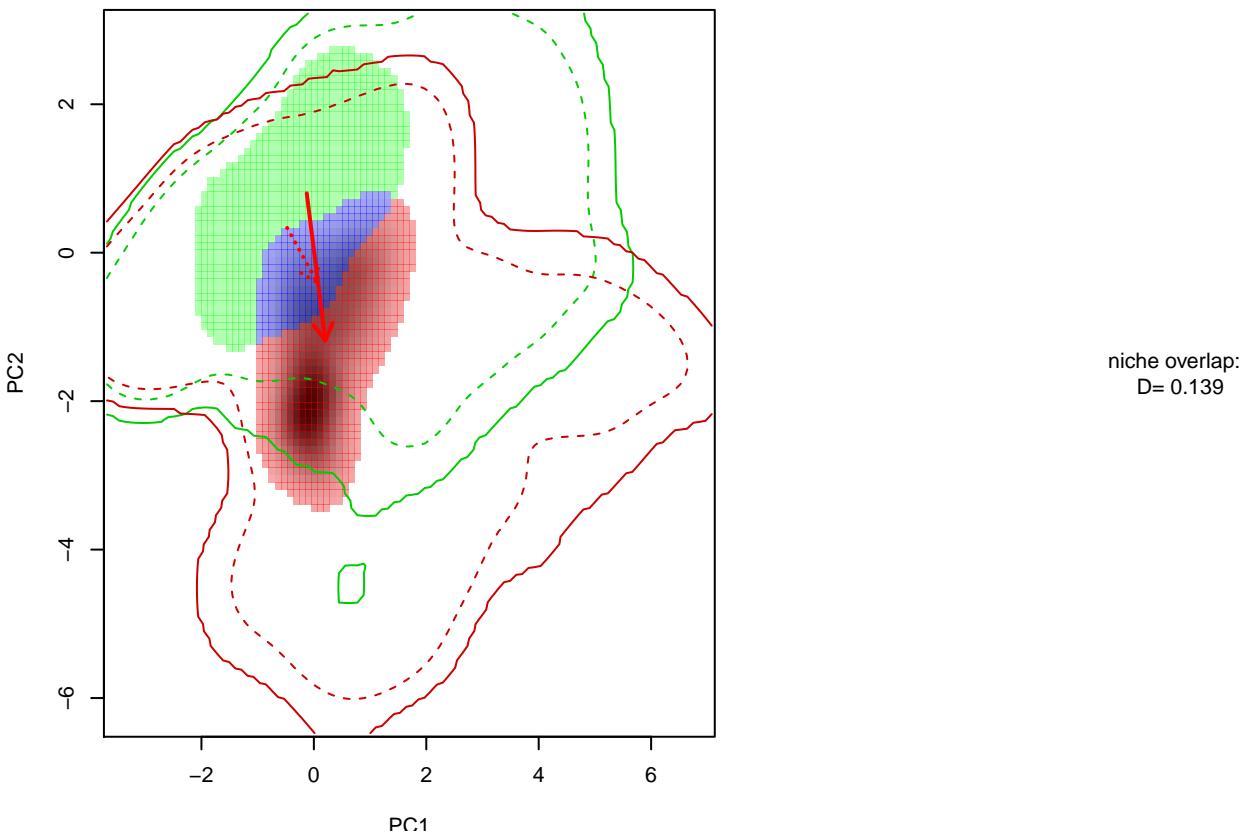
Similarity 2→1



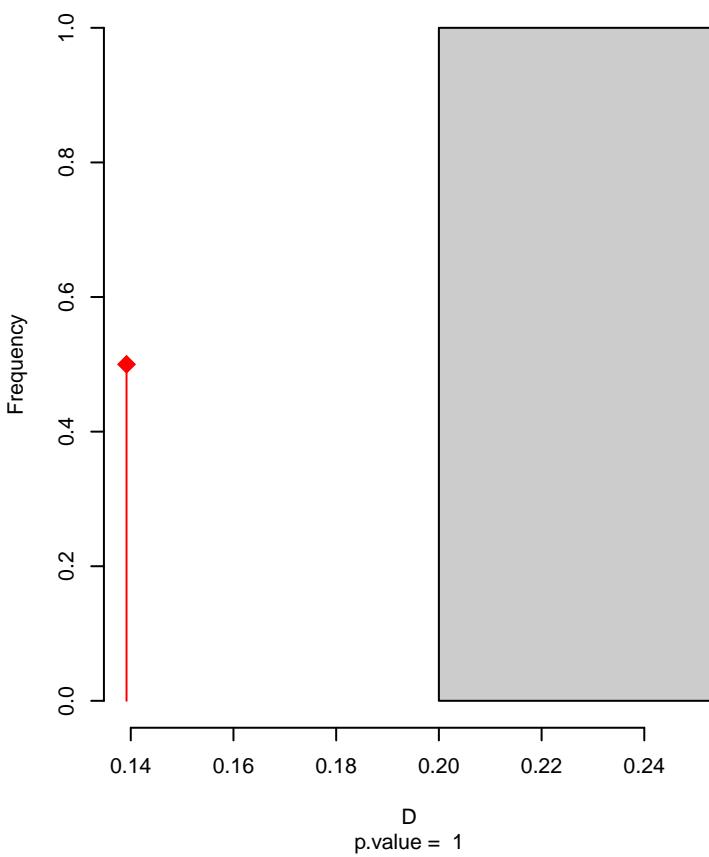
Similarity 1→2



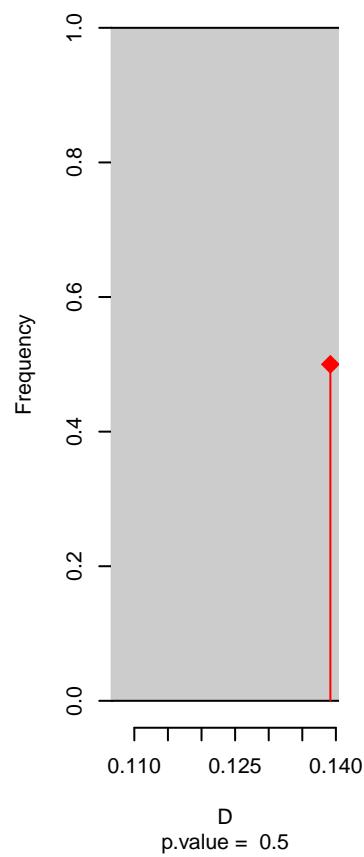
# *Knipolegus\_cyanirostris* seasonal overlap-hypo.br



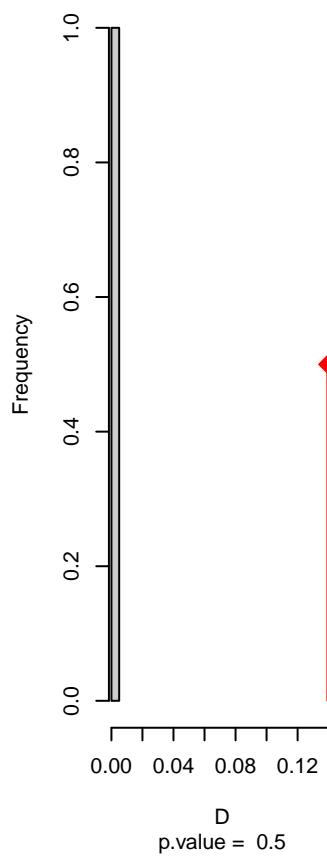
**Equivalency**



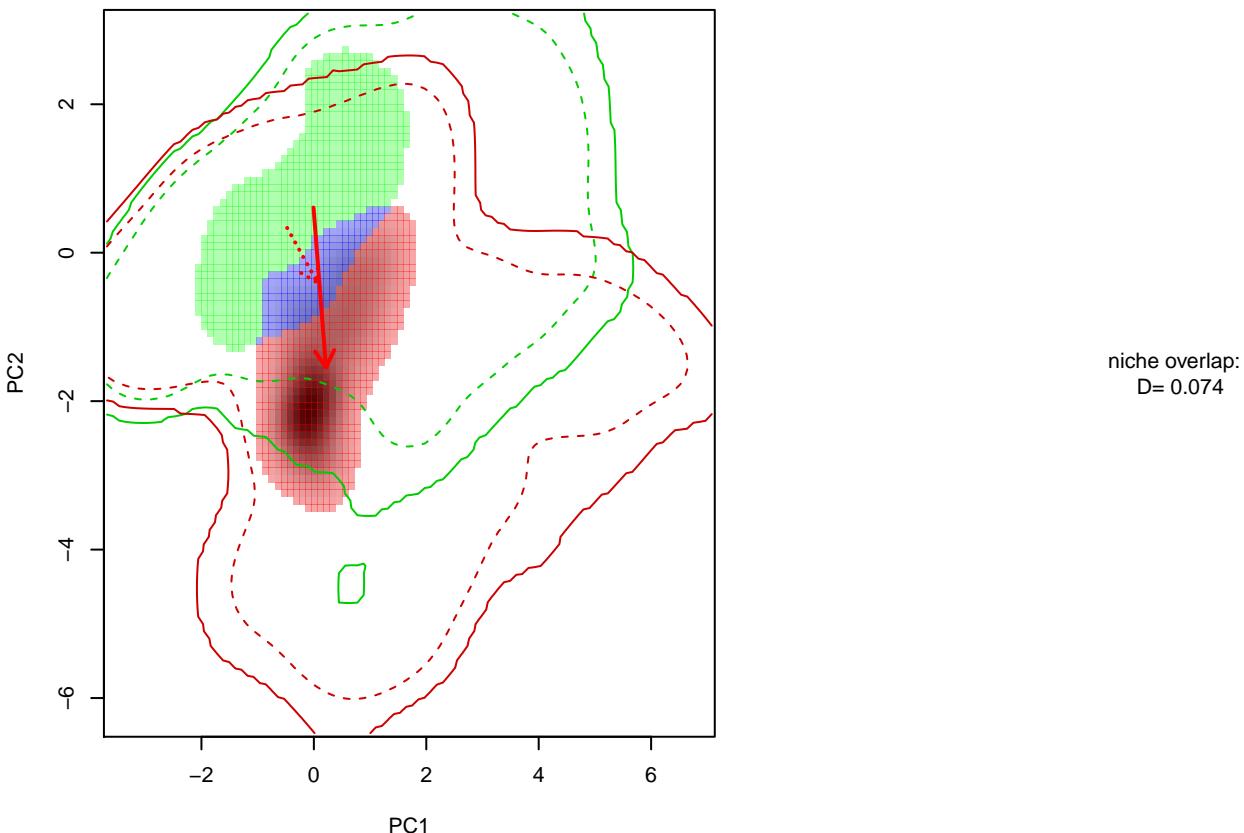
**Similarity 2→1**



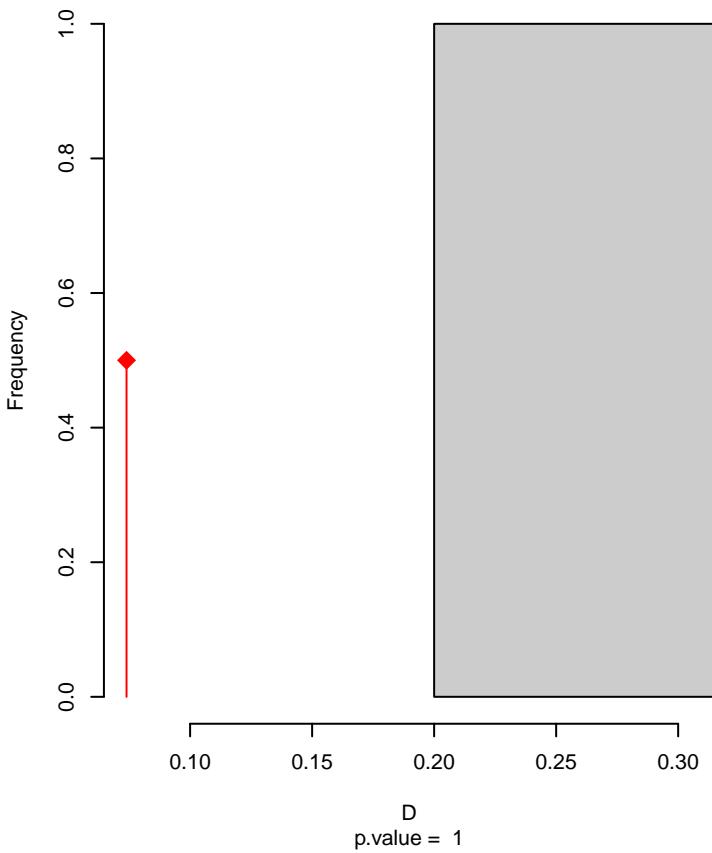
**Similarity 1→2**



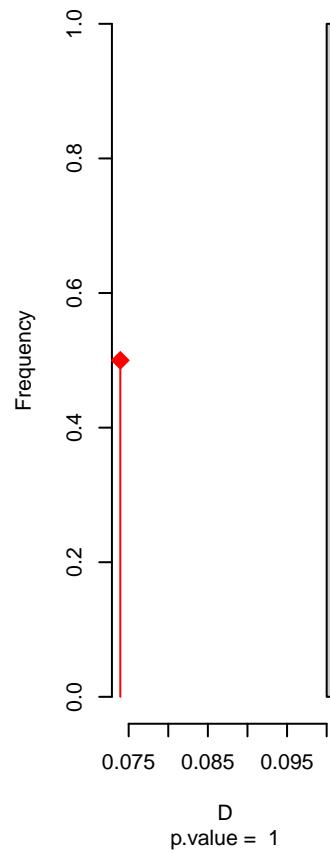
# Knipolegus\_cyanirostris seasonal overlap-hypo wi



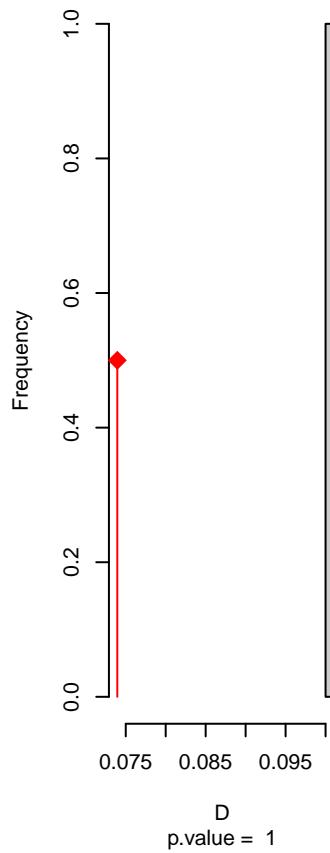
**Equivalency**



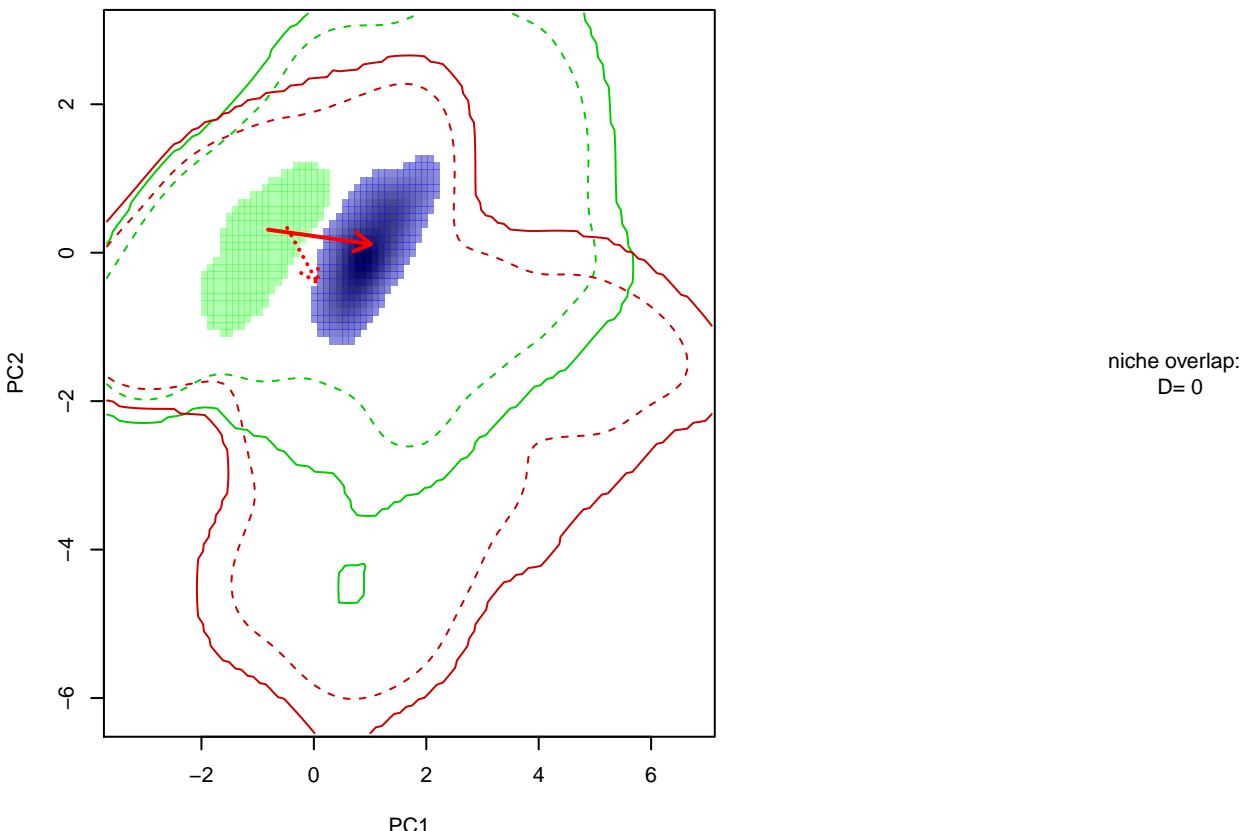
**Similarity 2→1**



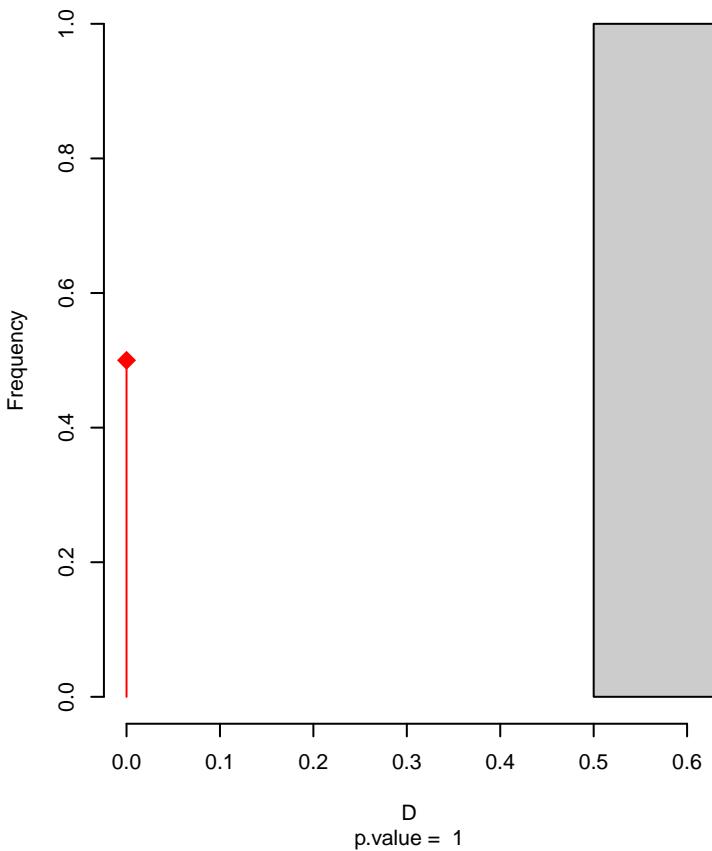
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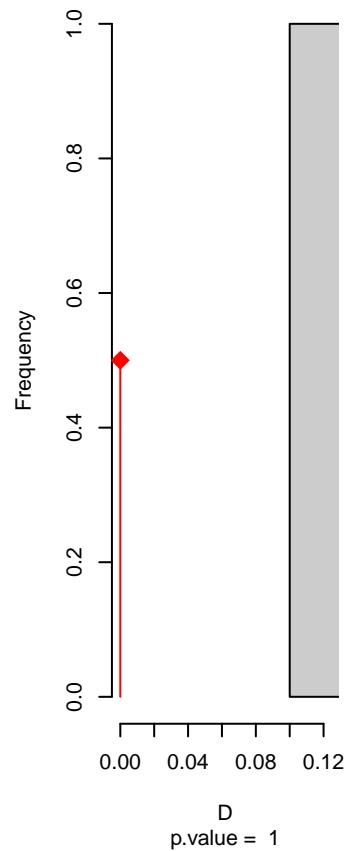
### Knipolegus\_franciscanus seasonal overlap



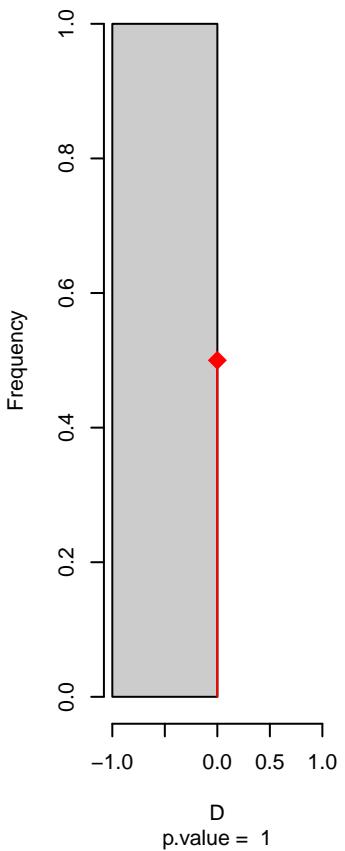
**Equivalency**



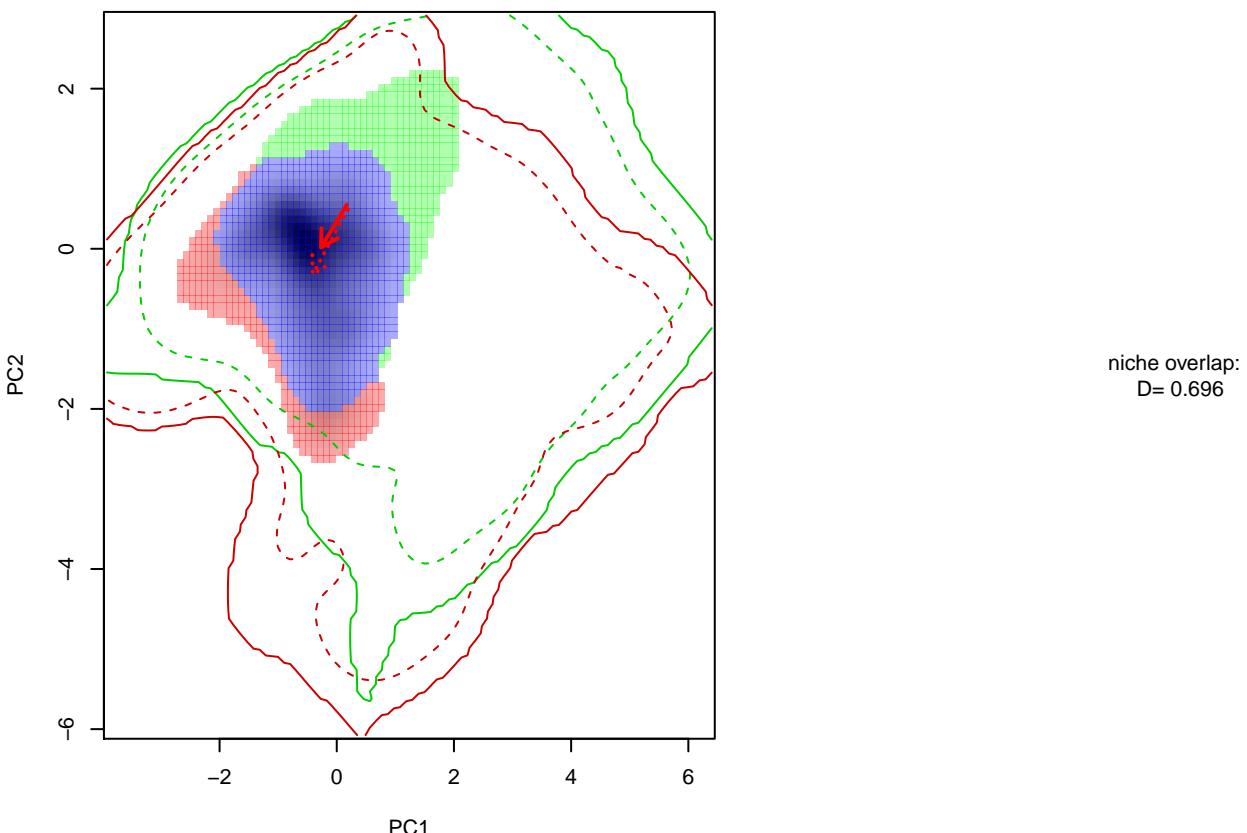
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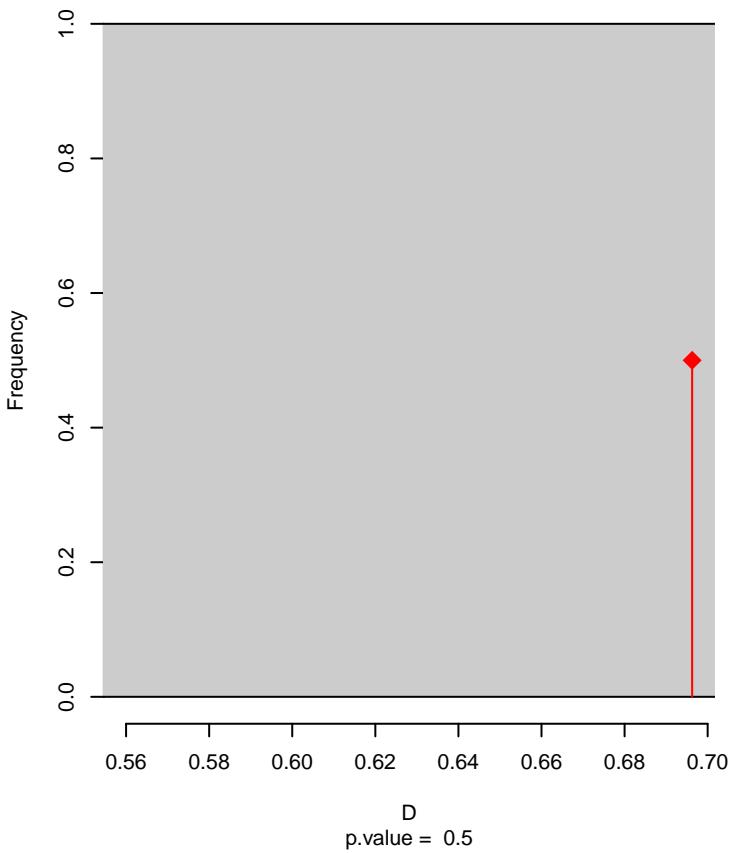
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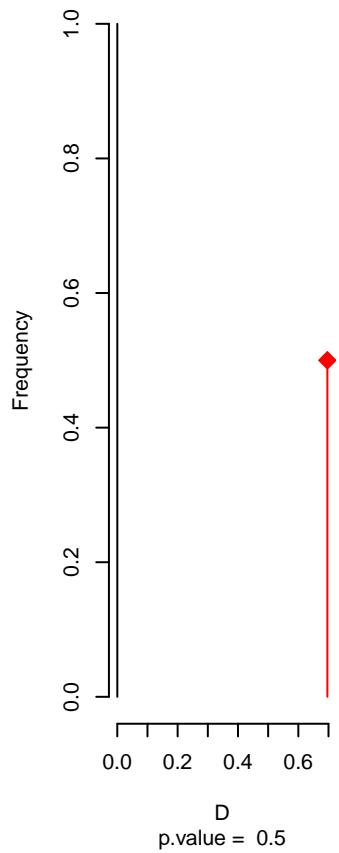
### Knipolegus\_lophotes seasonal overlap



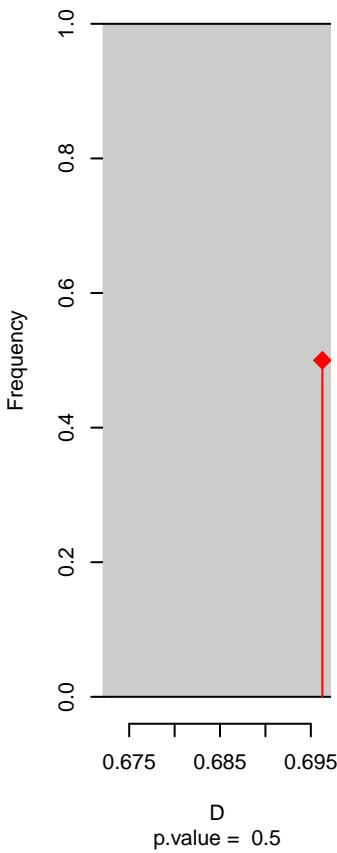
**Equivalency**



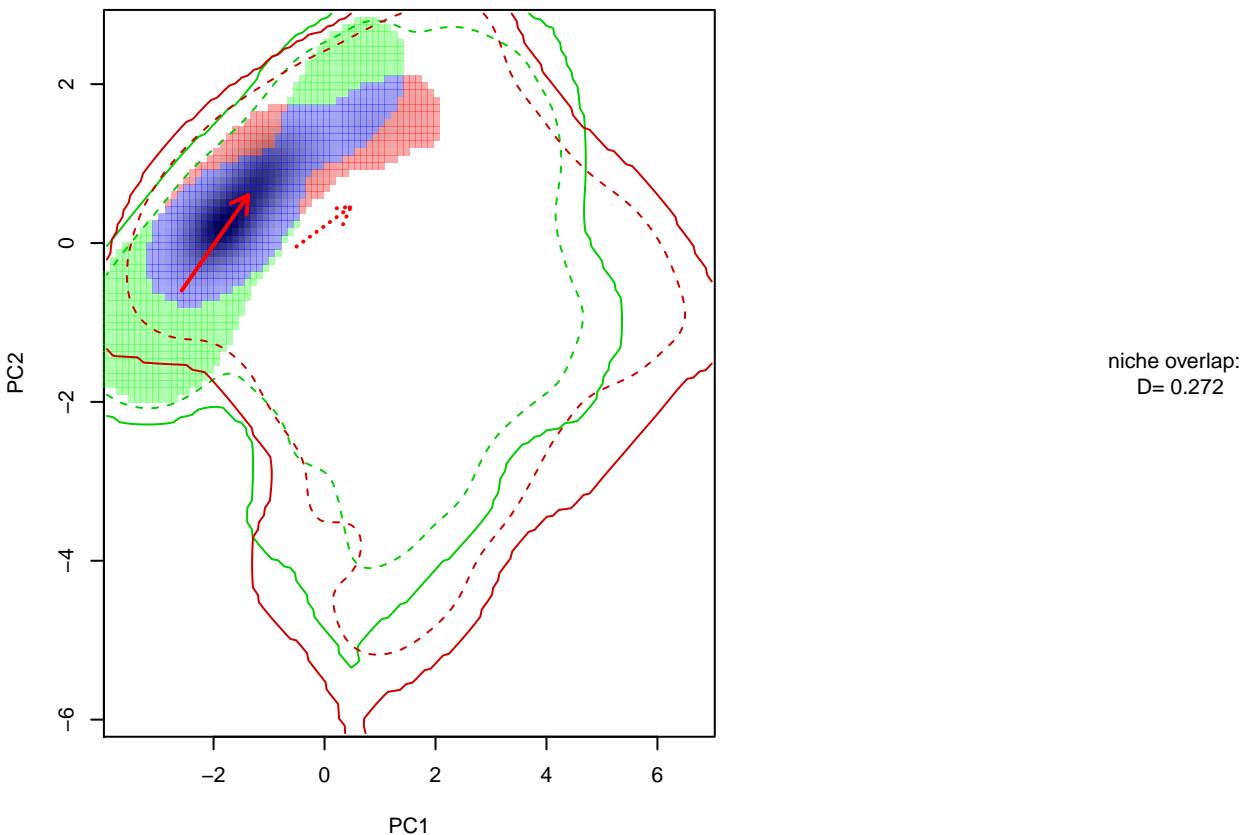
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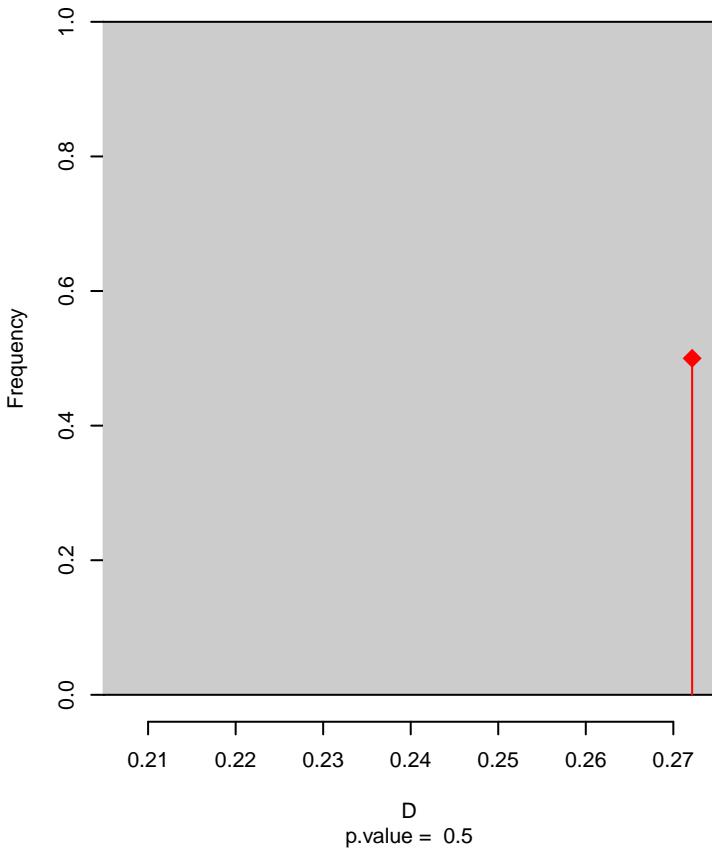
**Similarity 1→2**



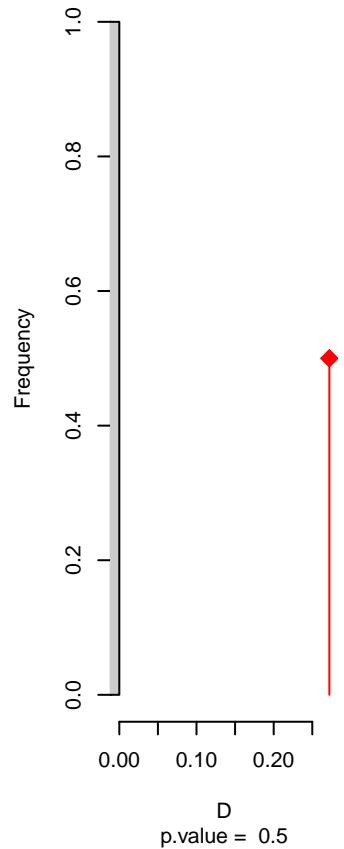
### **Knipolegus\_orenocensis seasonal overlap**



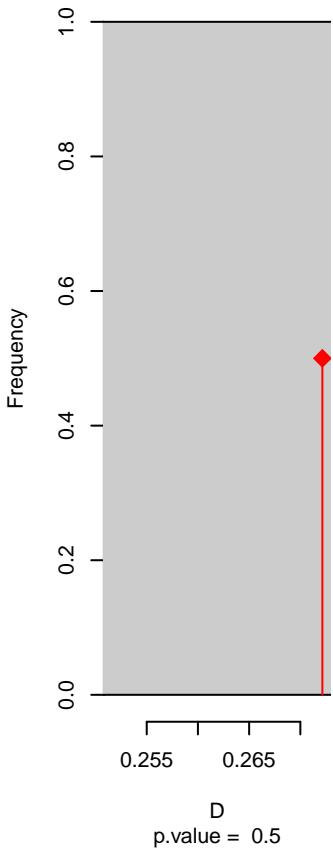
**Equivalency**



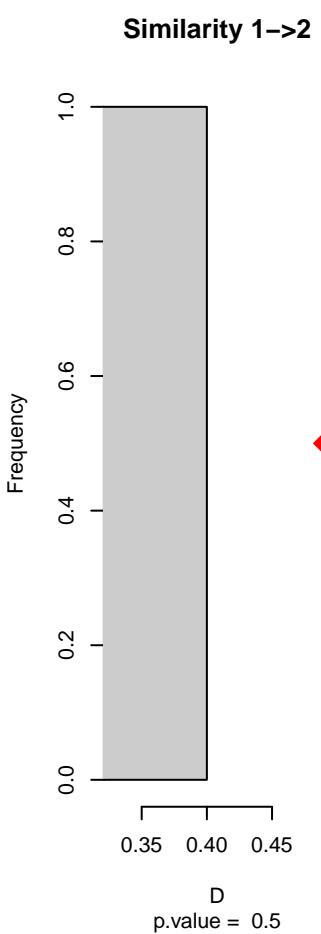
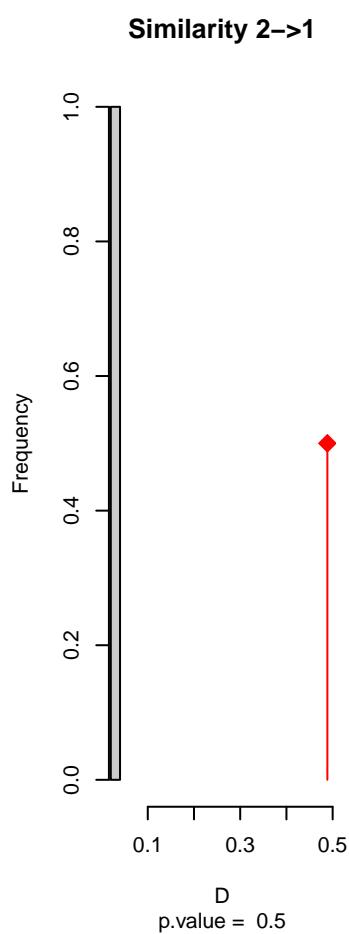
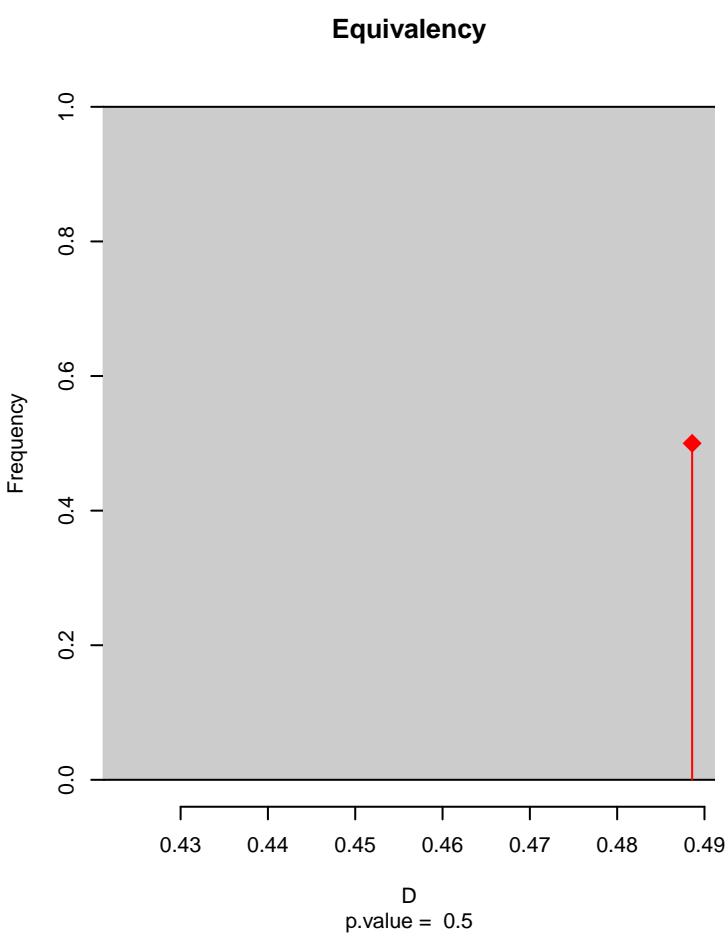
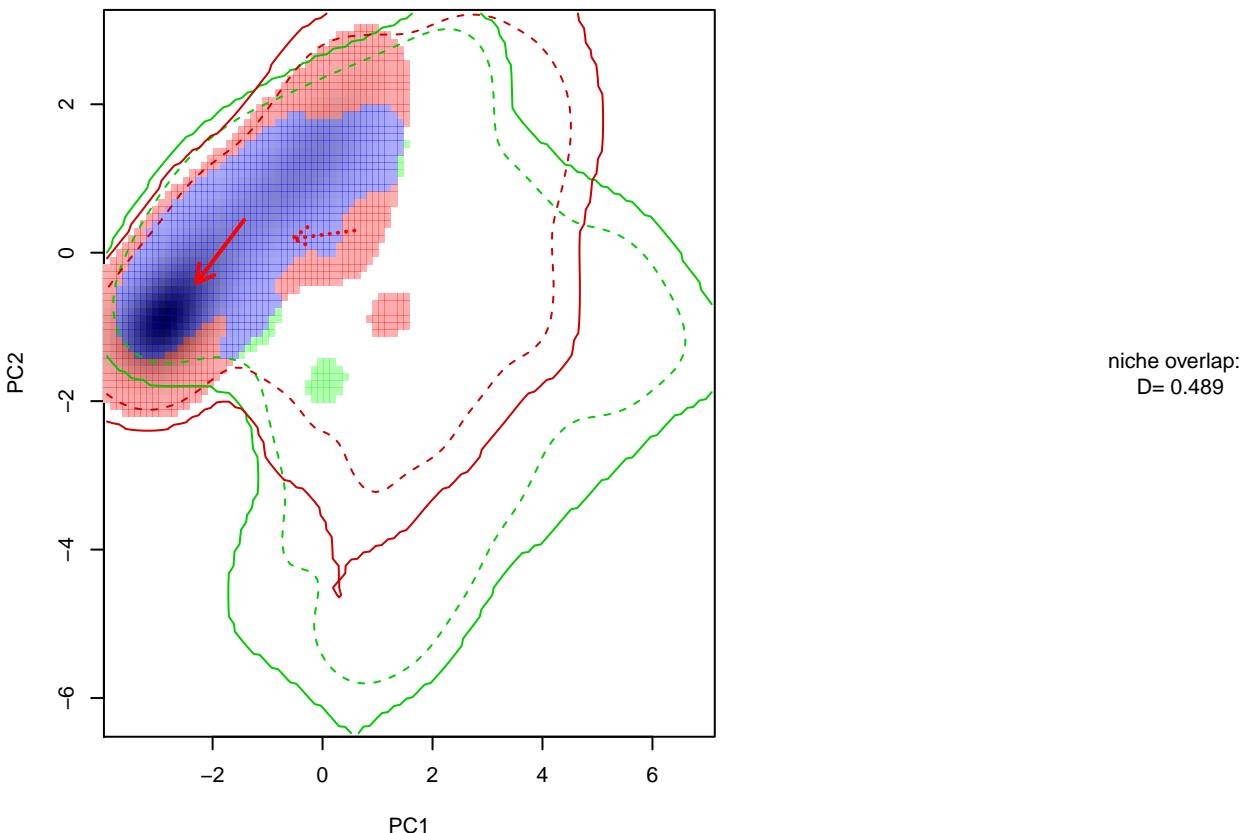
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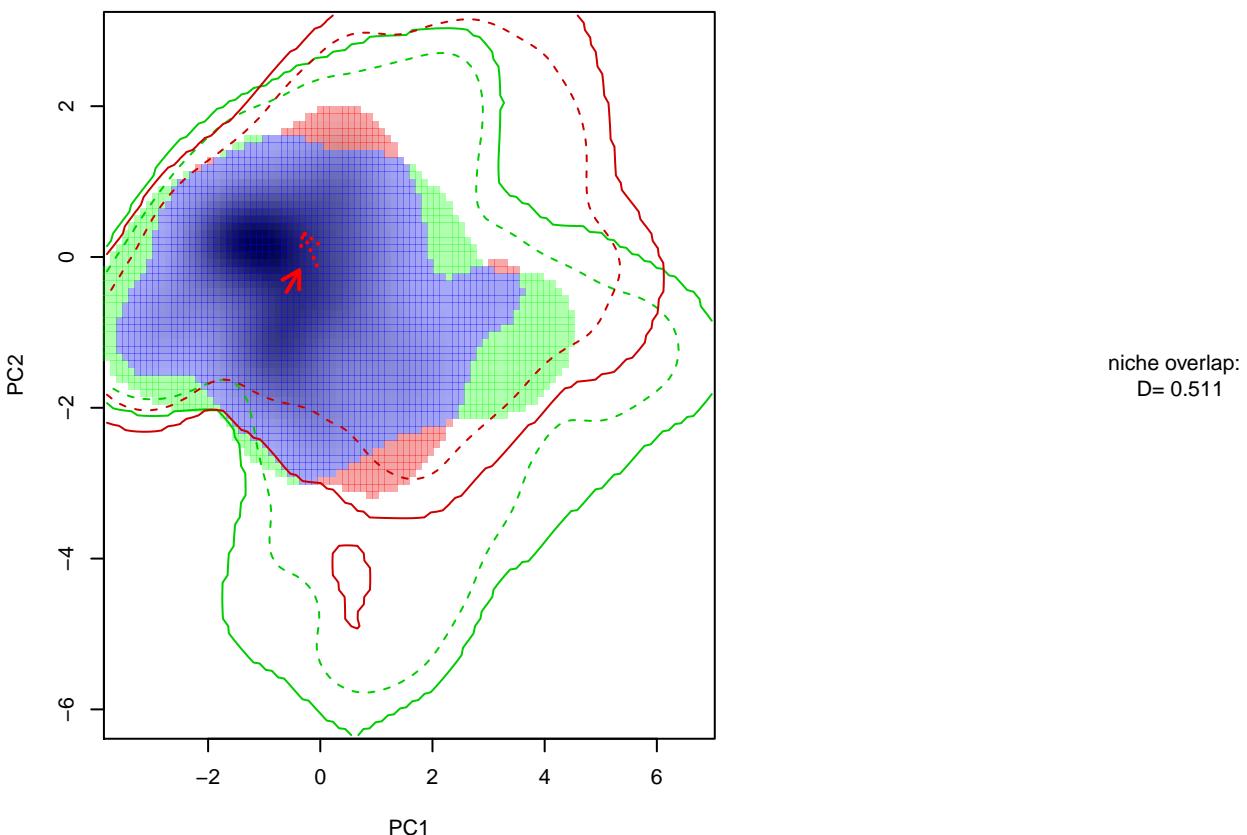
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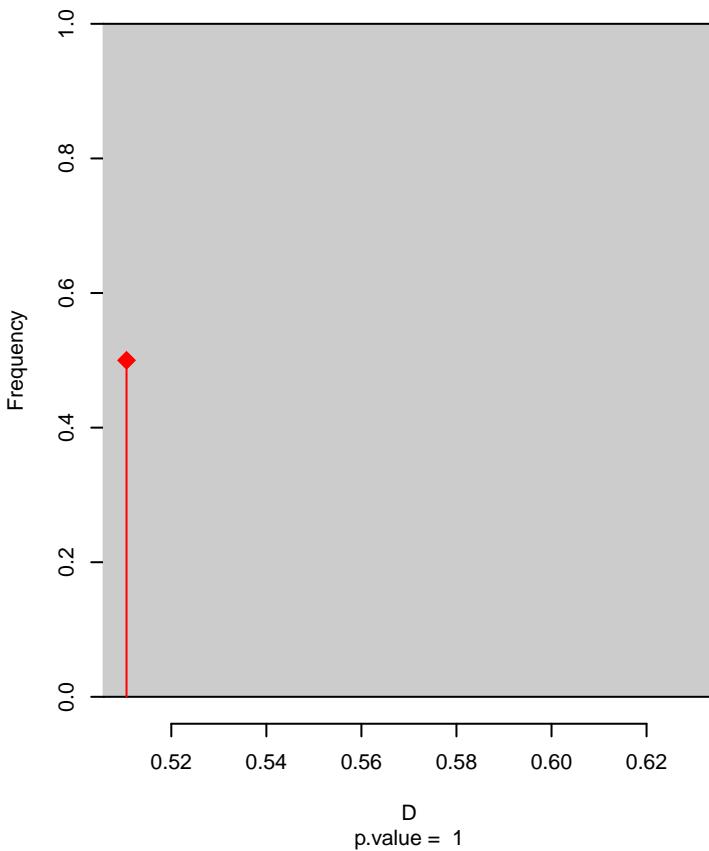
### *Knipolegus\_poecilocercus* seasonal overlap



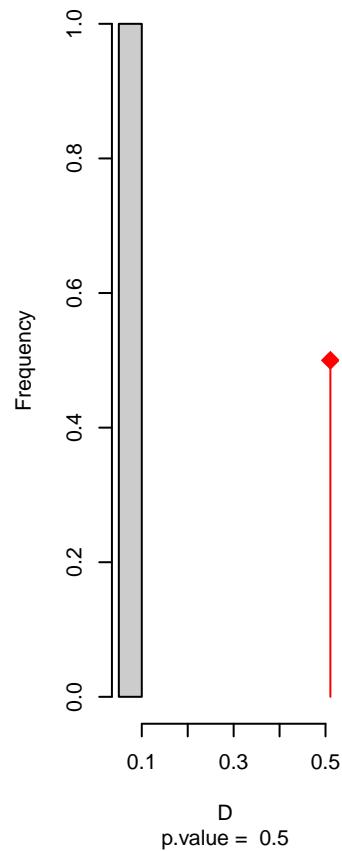
### Knipolegus\_poecilurus seasonal overlap



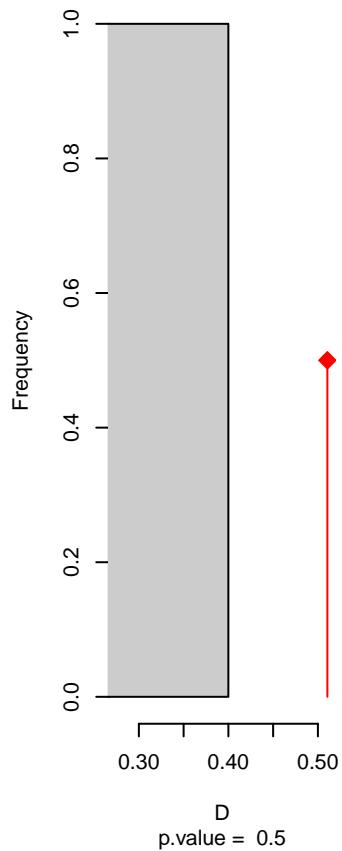
**Equivalency**



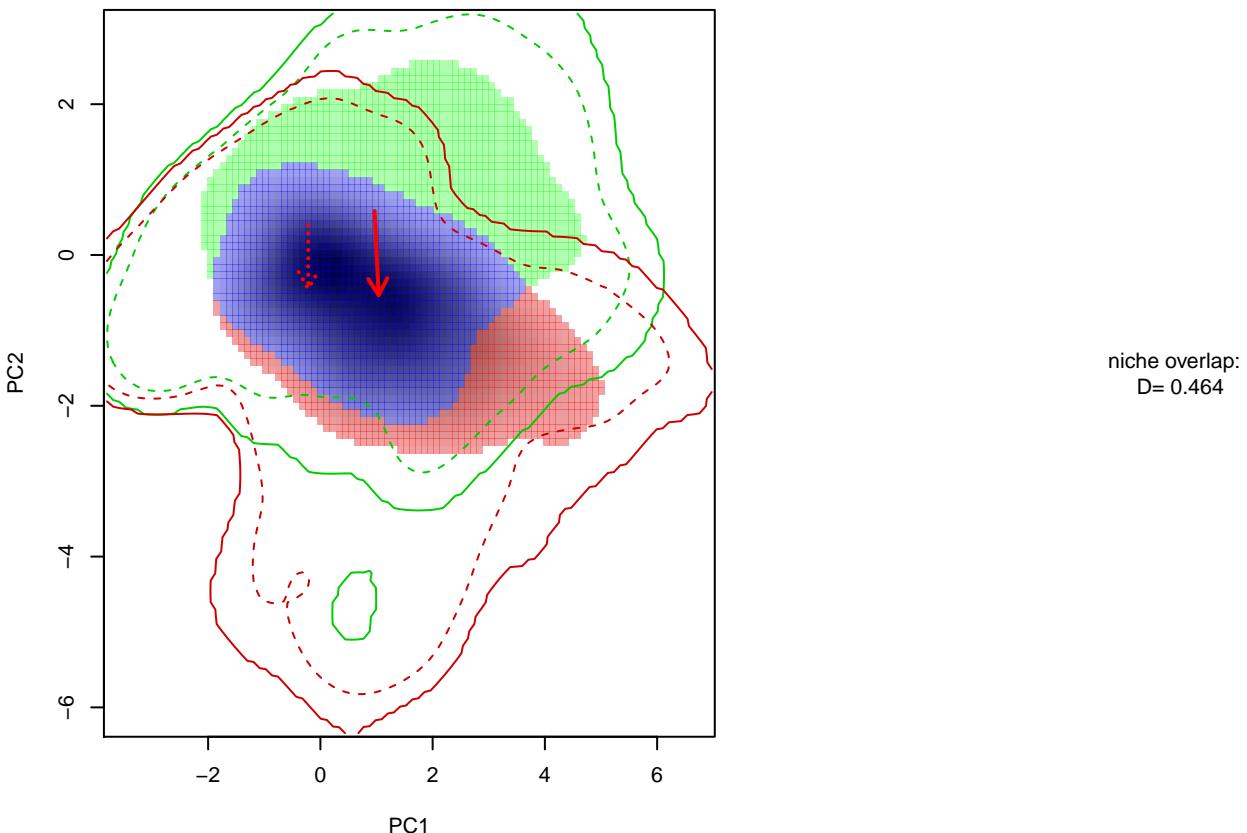
**Similarity 2→1**



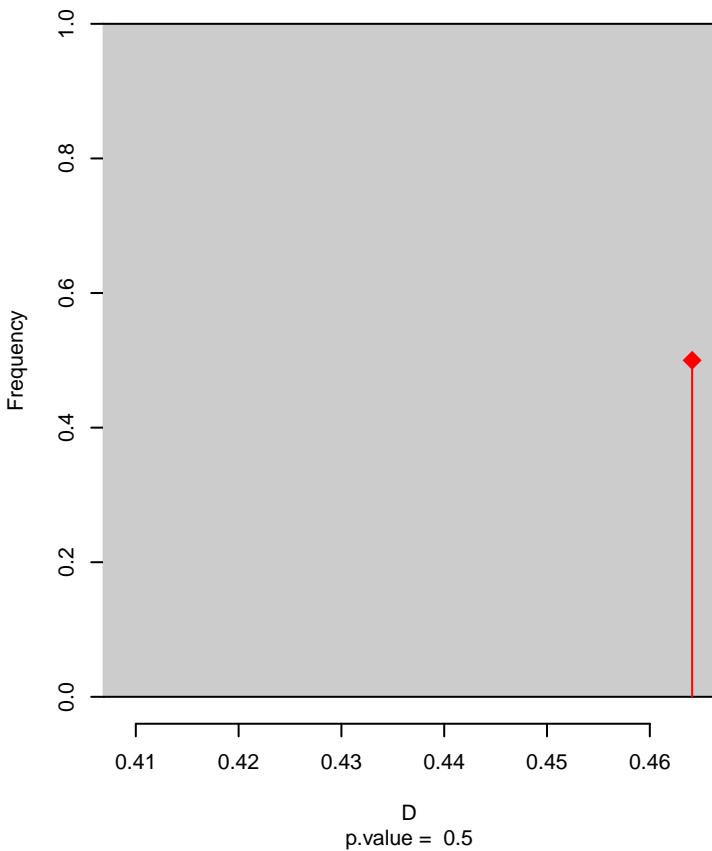
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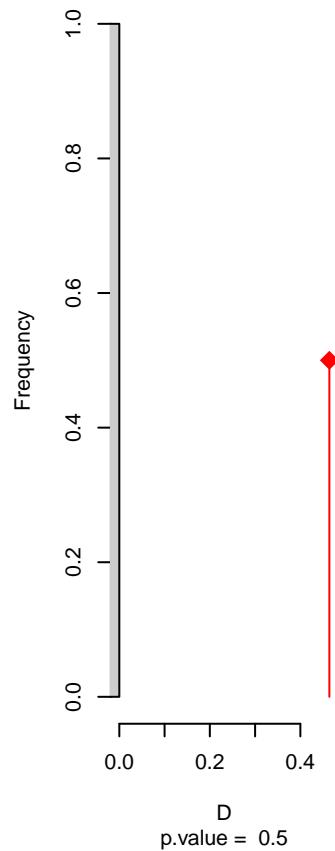
### Knipolegus\_signatus seasonal overlap



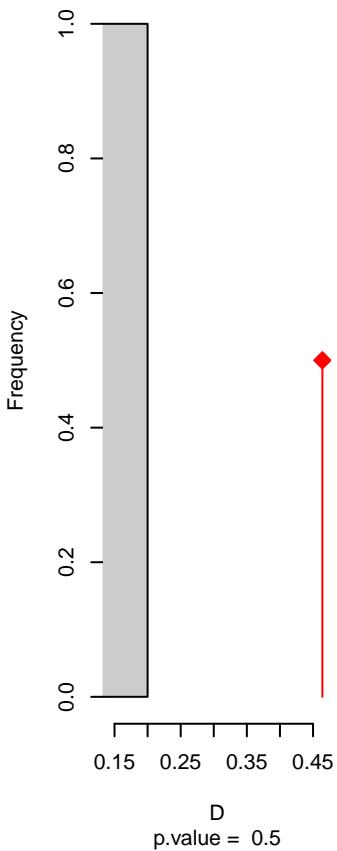
**Equivalency**



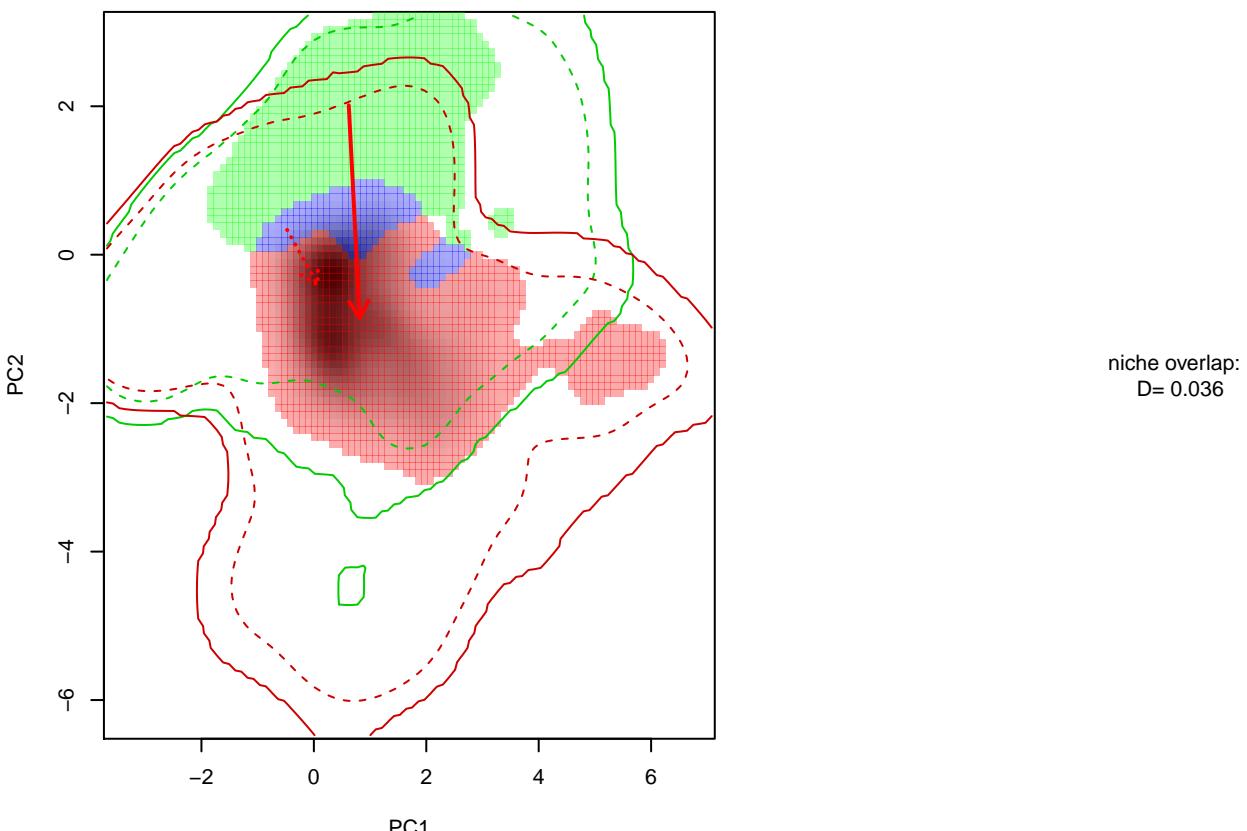
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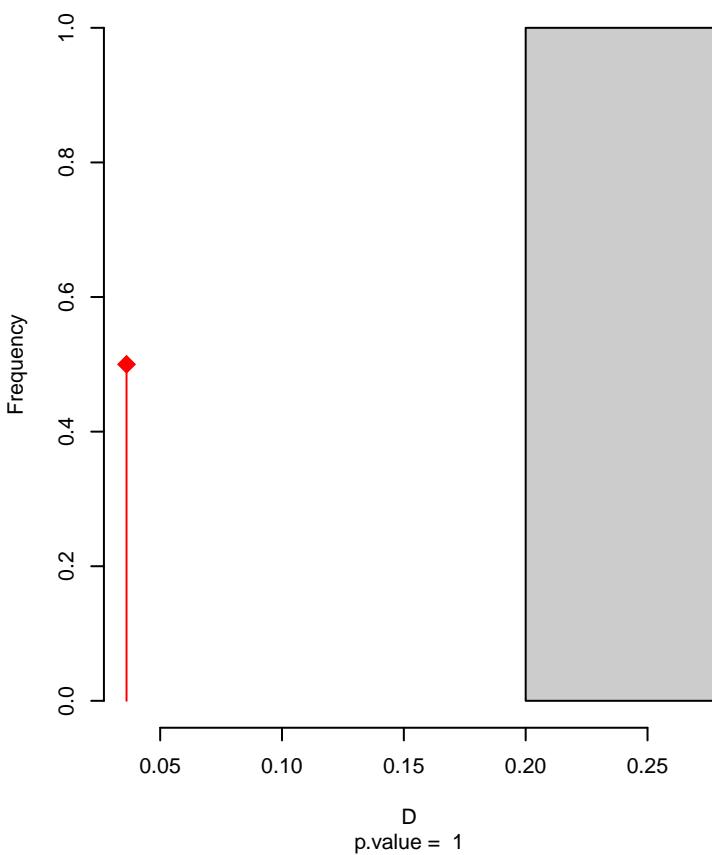
**Similarity 1→2**



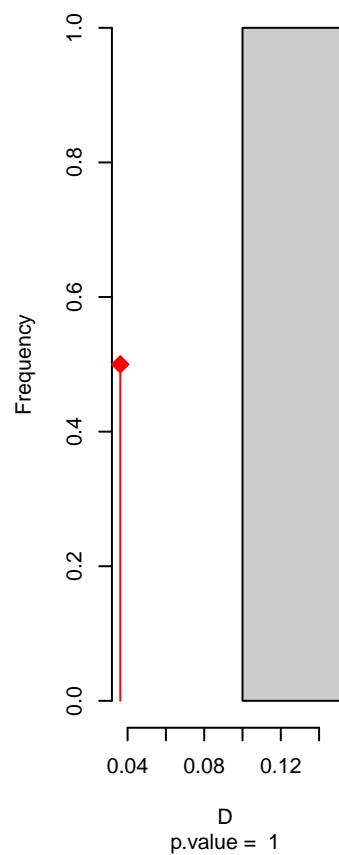
### Knipolegus\_striaticeps seasonal overlap



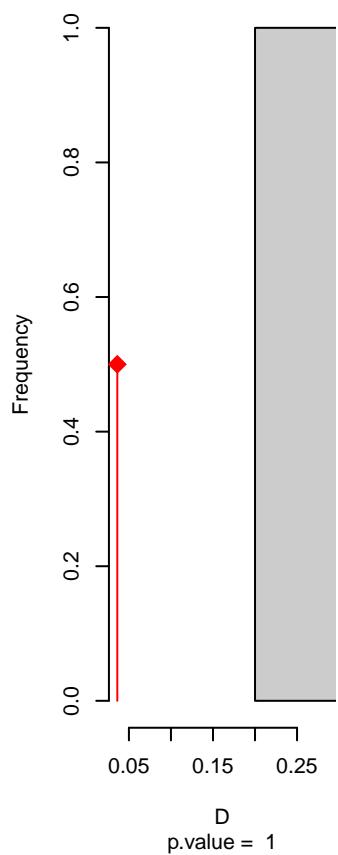
**Equivalency**



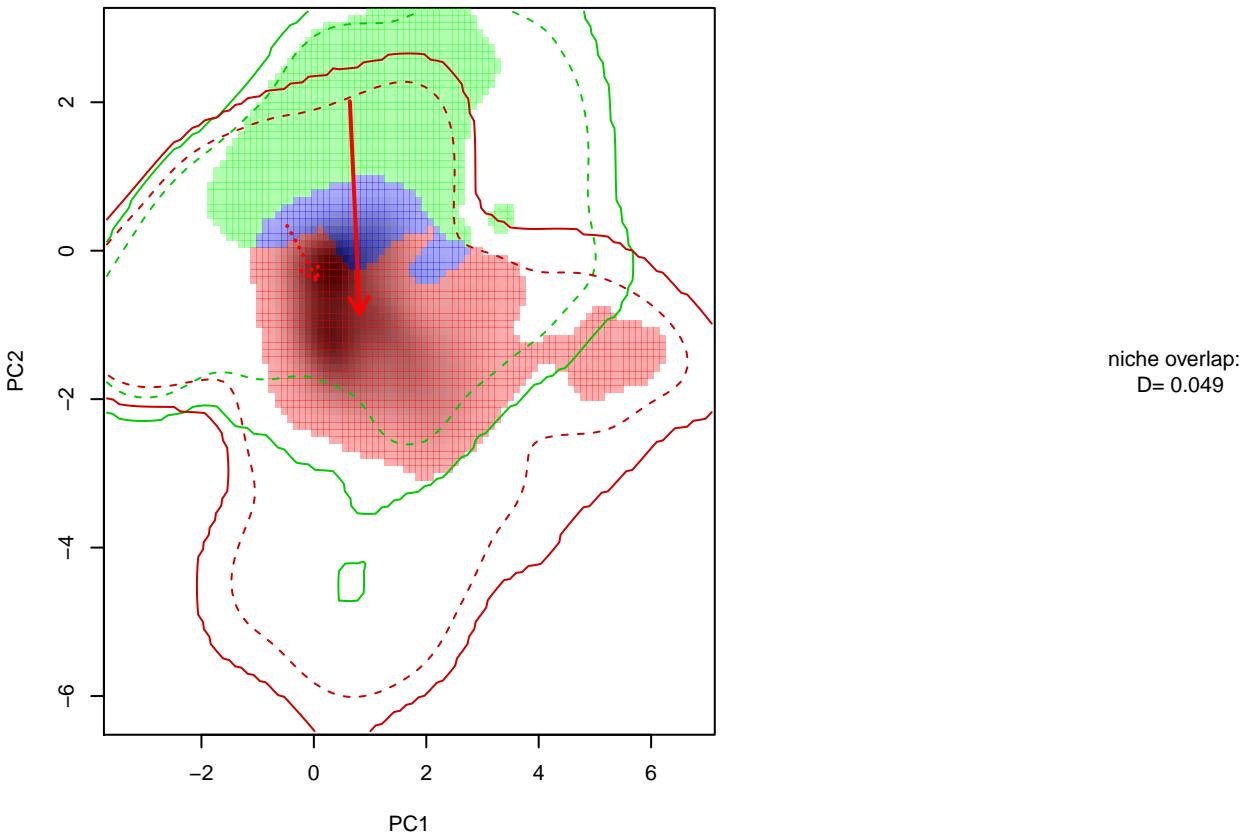
**Similarity 2→1**



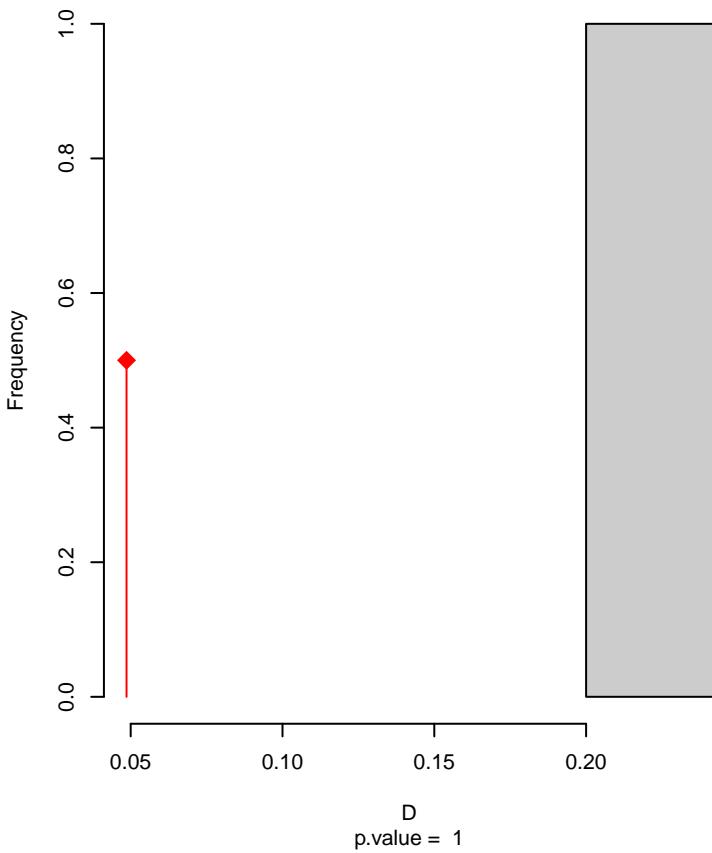
**Similarity 1→2**



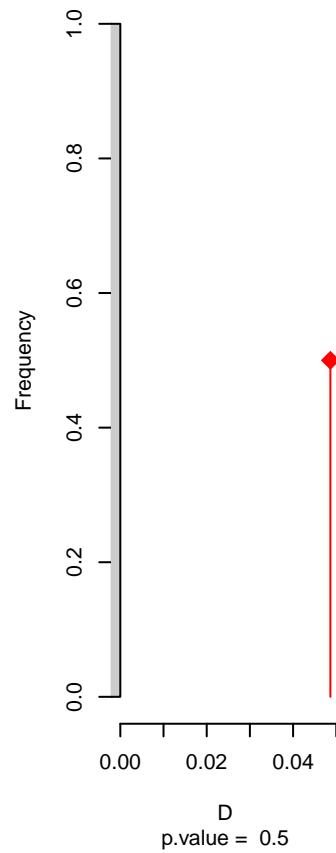
# *Knipolegus\_striaticeps* seasonal overlap-hypo.br



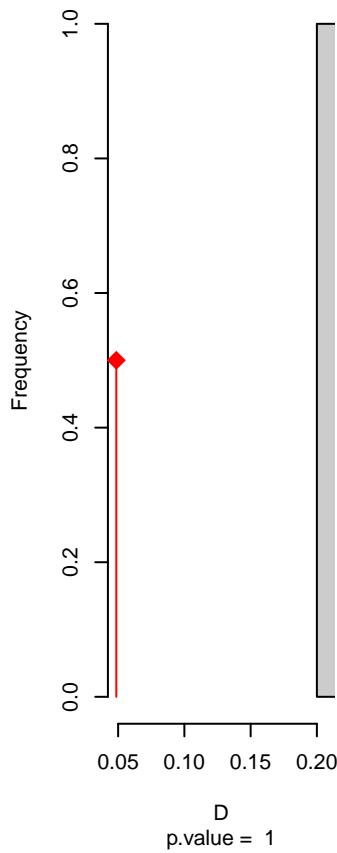
**Equivalency**



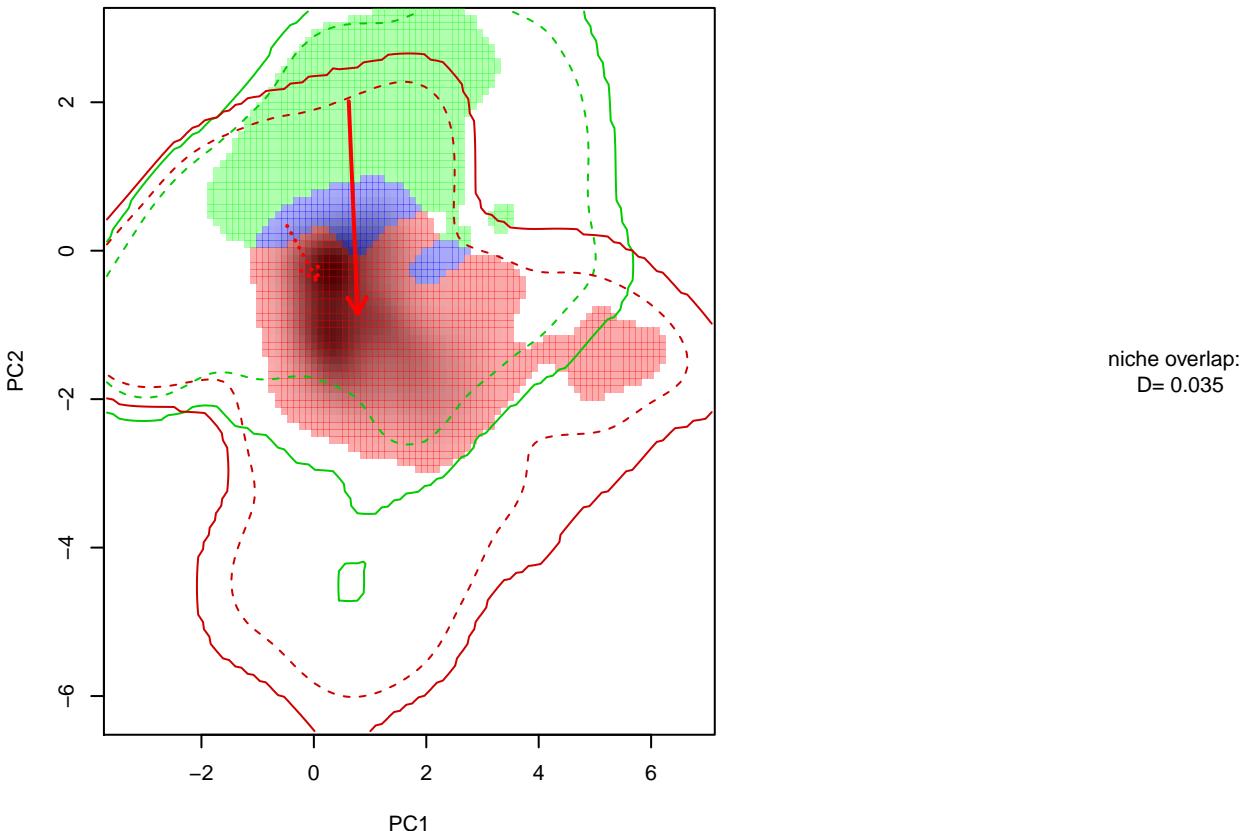
**Similarity 2→1**



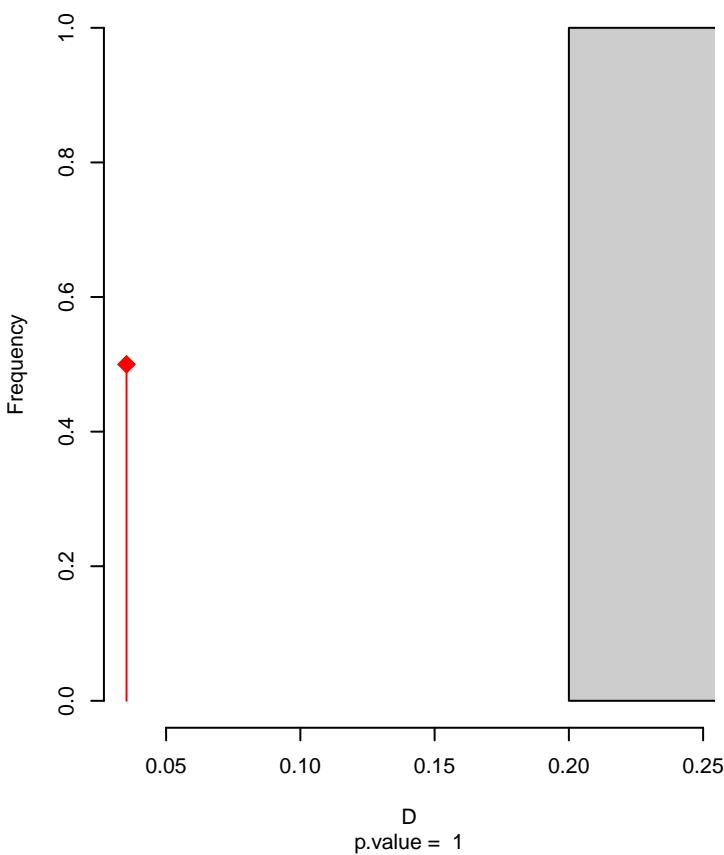
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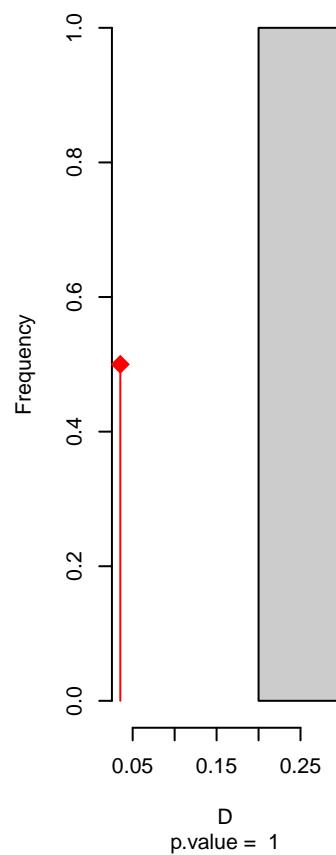
# *Knipolegus\_striaticeps* seasonal overlap-hypo wi



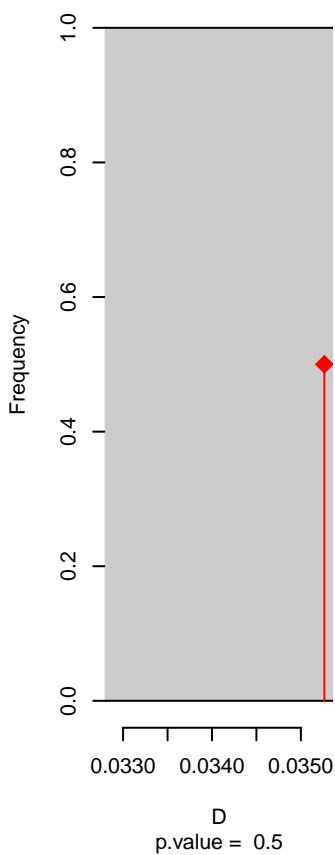
**Equivalency**



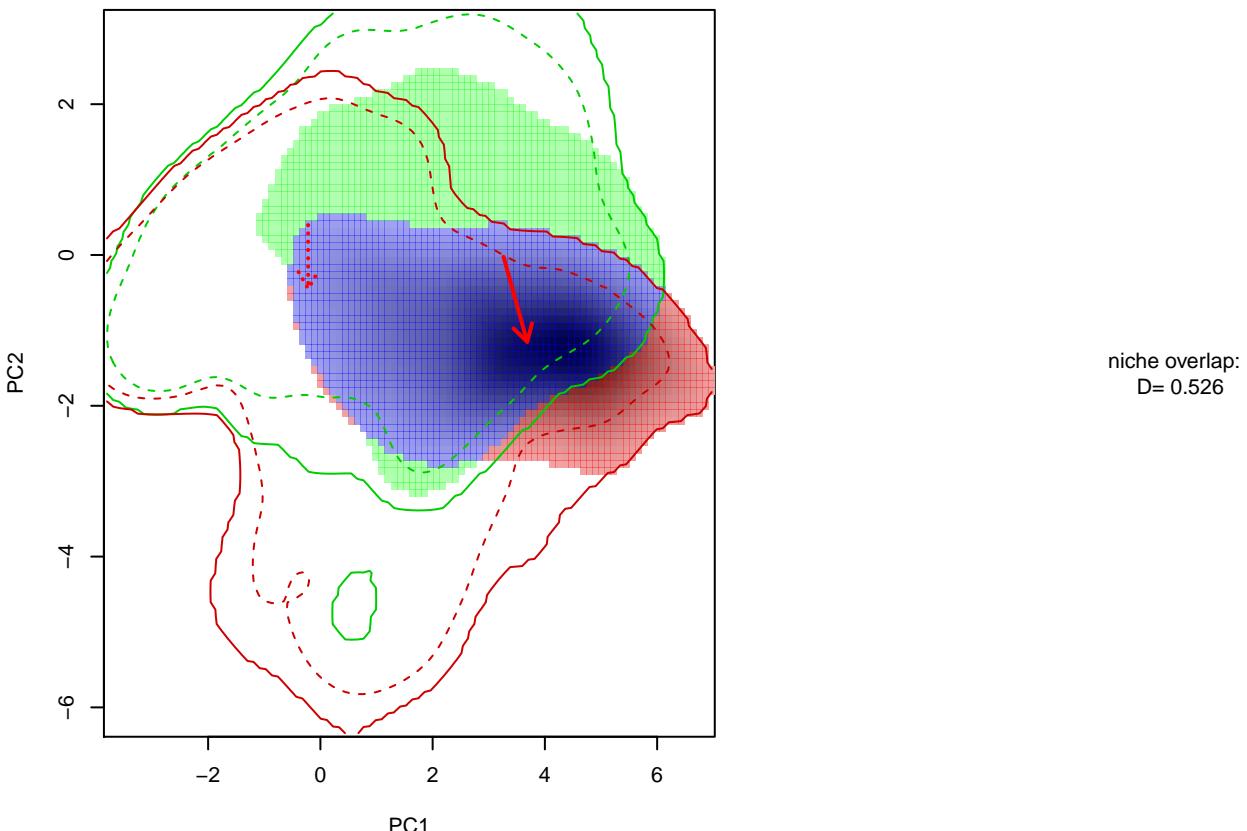
**Similarity 2→1**



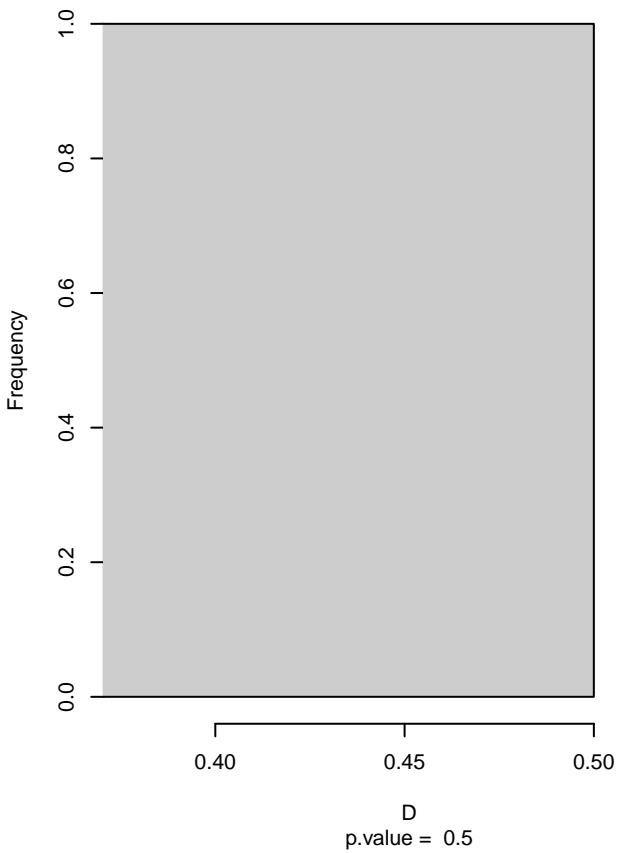
**Similarity 1→2**



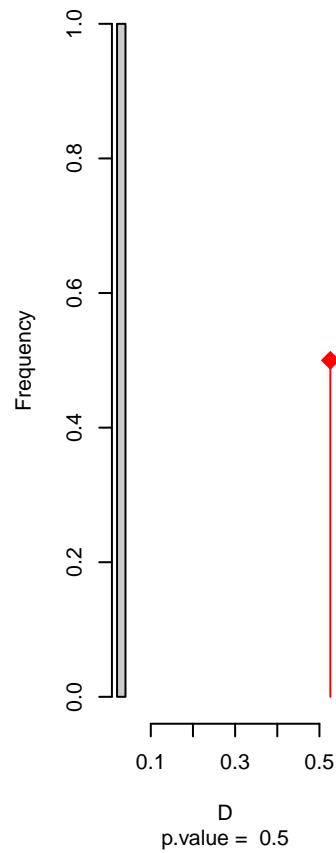
### Lessonia\_oreas seasonal overlap



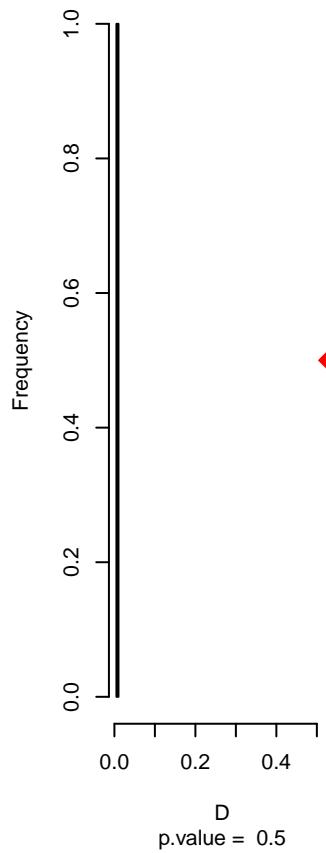
**Equivalency**



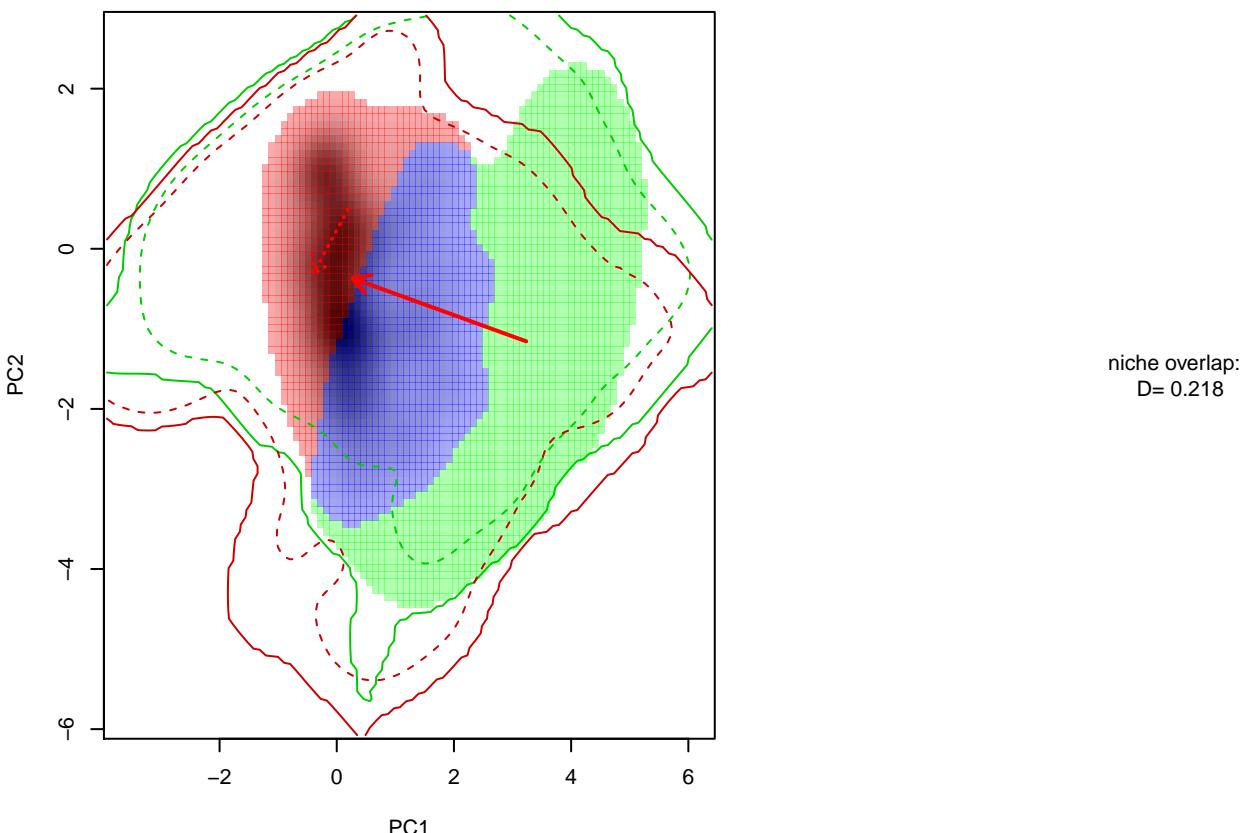
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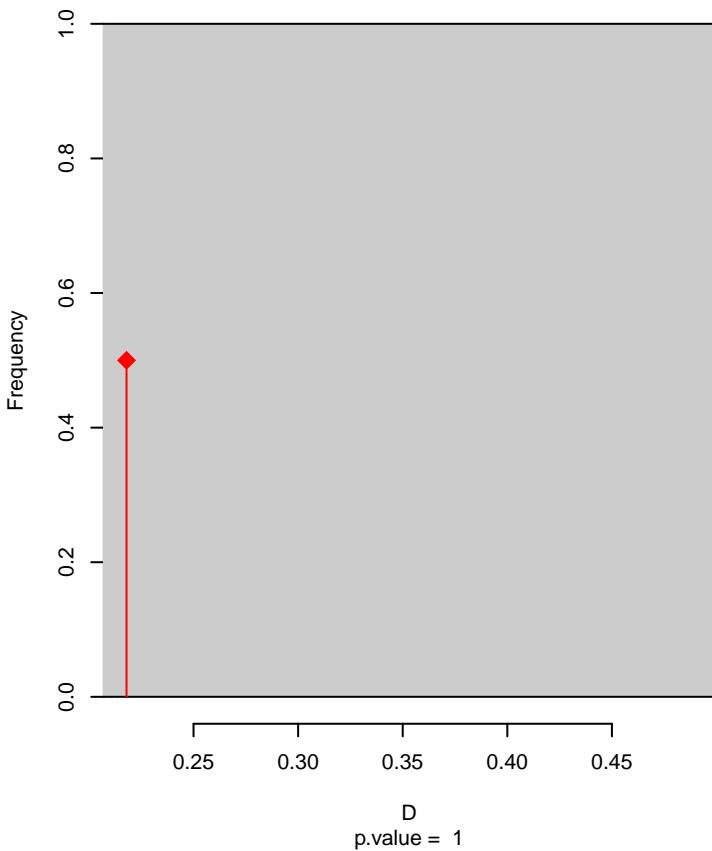
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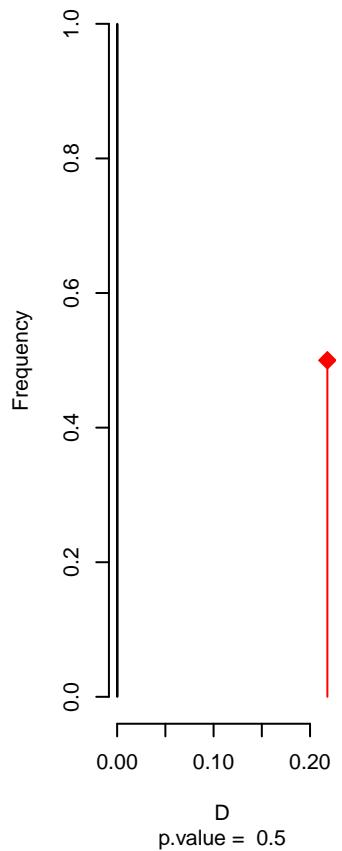
### Lessonia\_rufa seasonal overlap



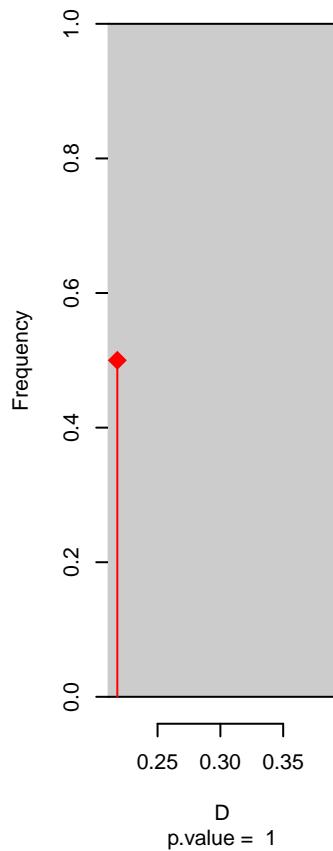
**Equivalency**



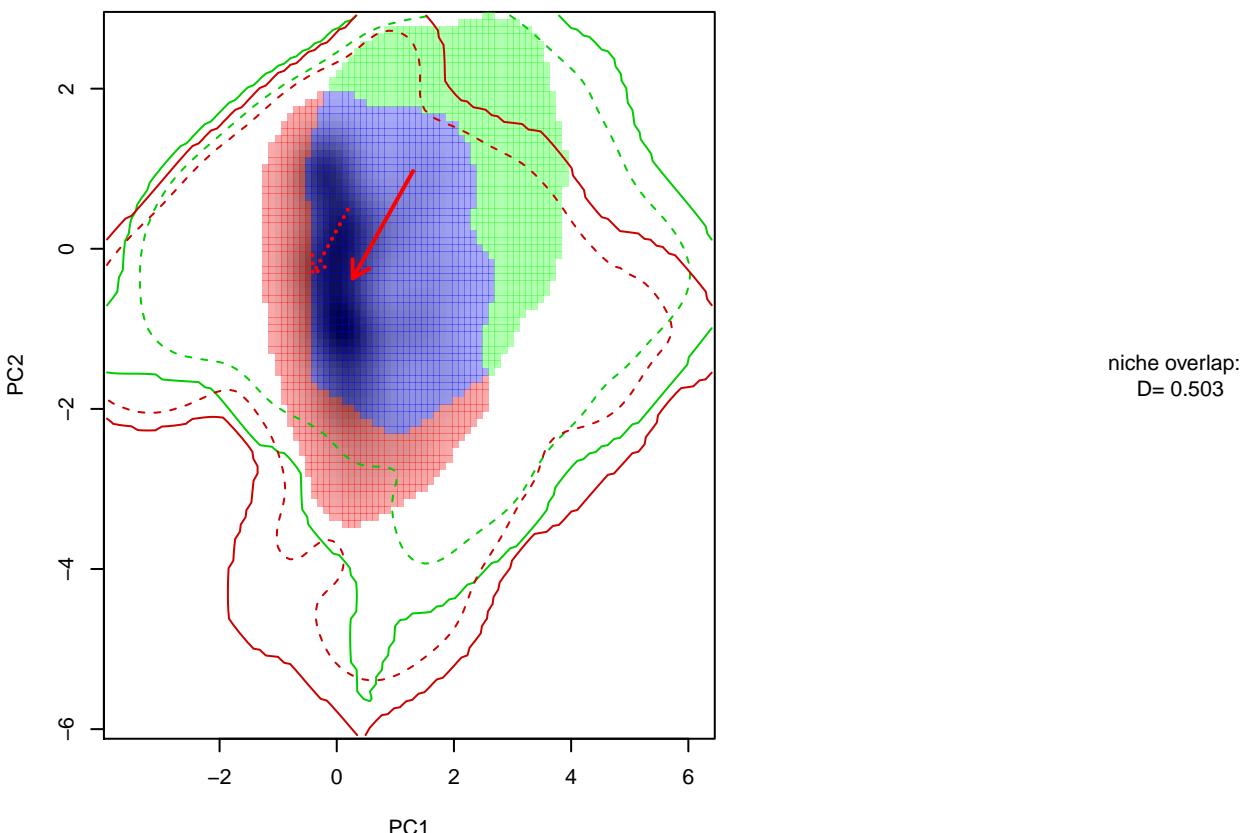
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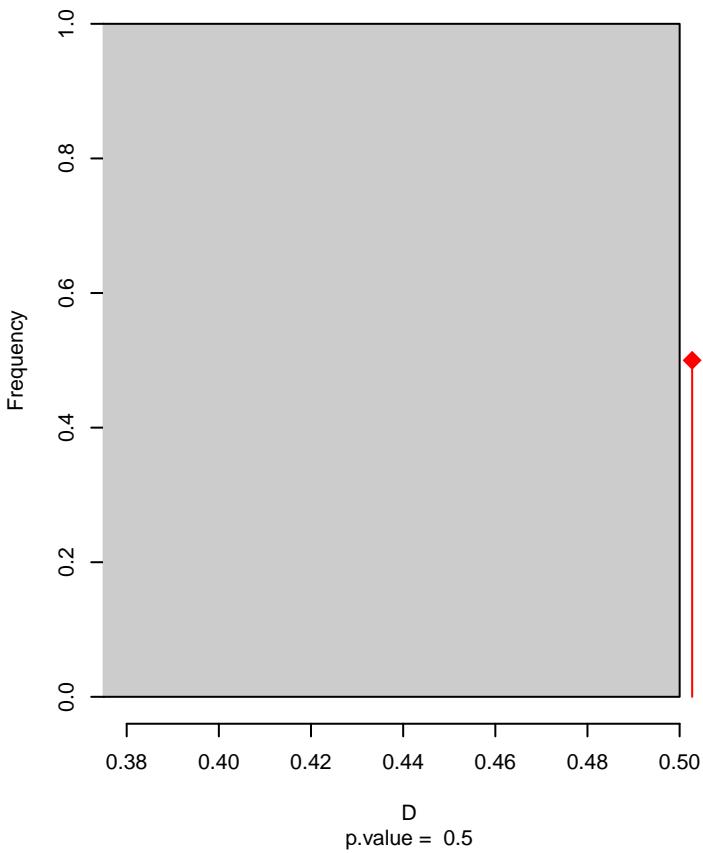
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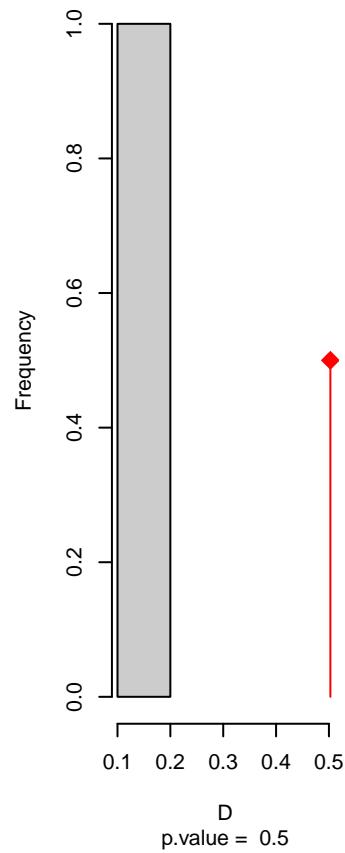
### Lessonia\_rufa seasonal overlap–hypo.br



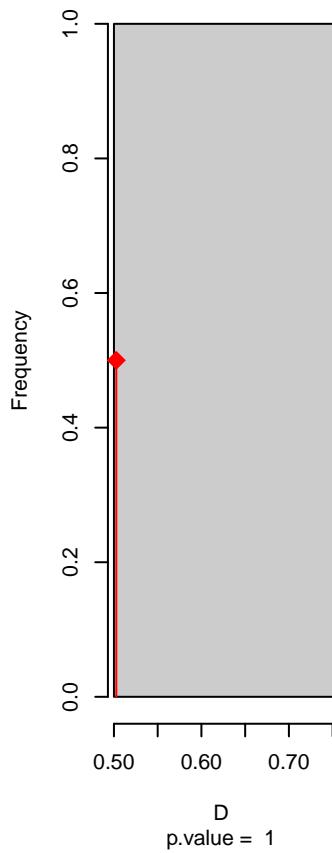
**Equivalency**



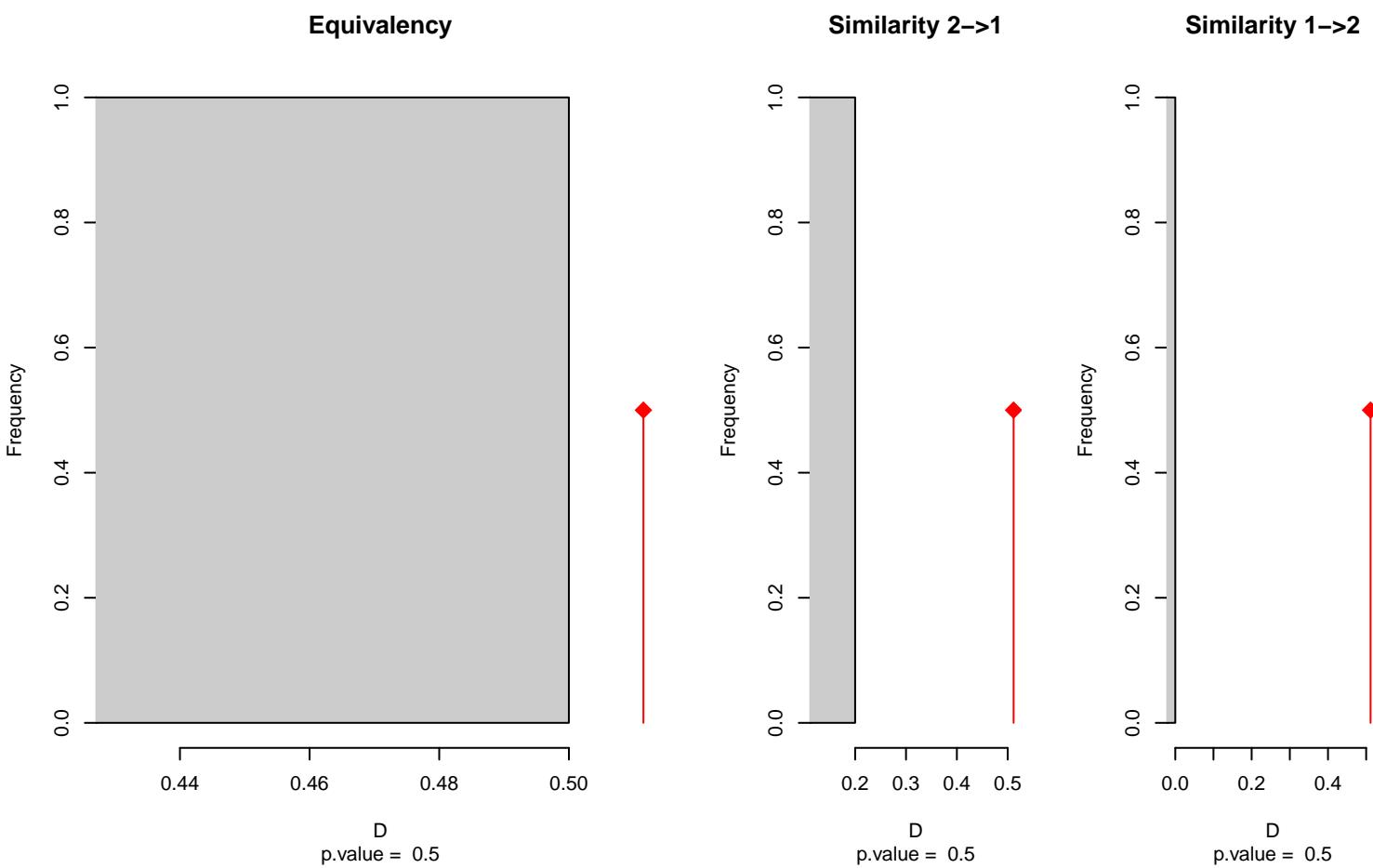
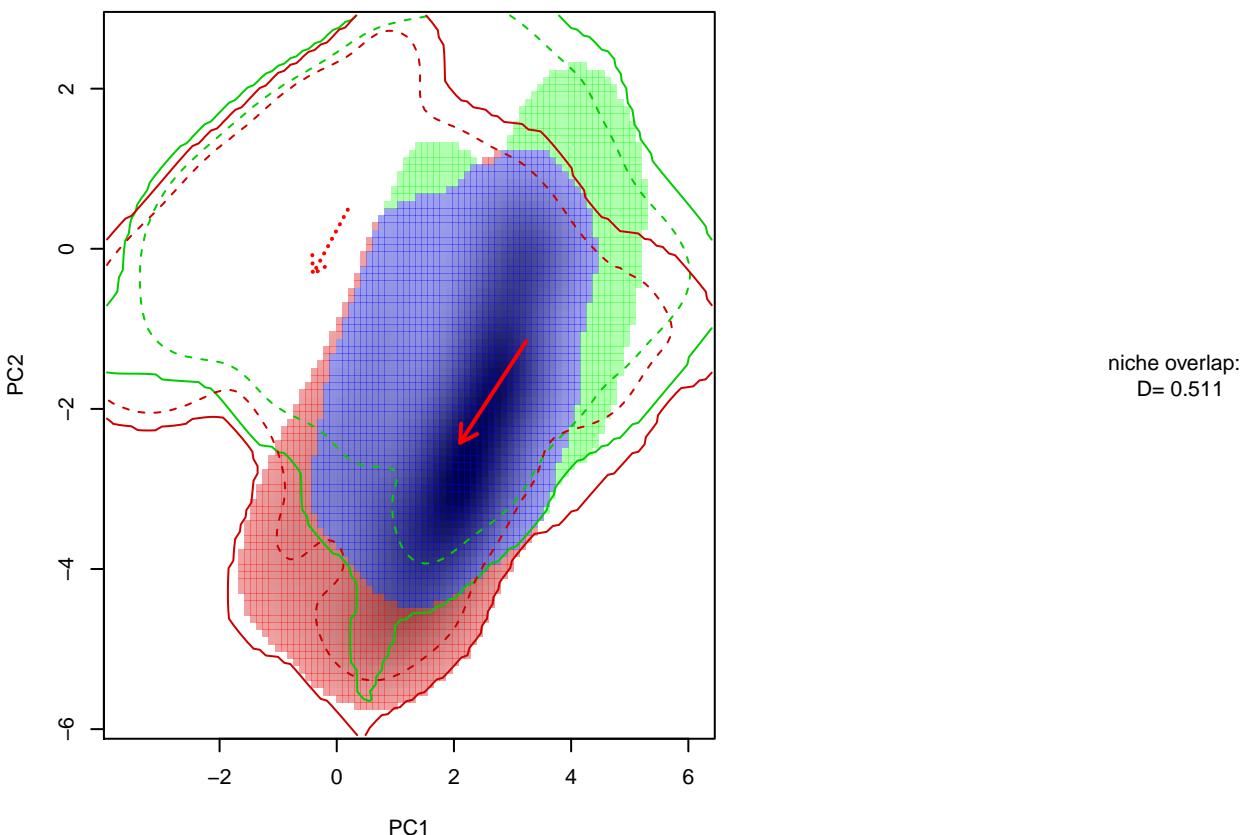
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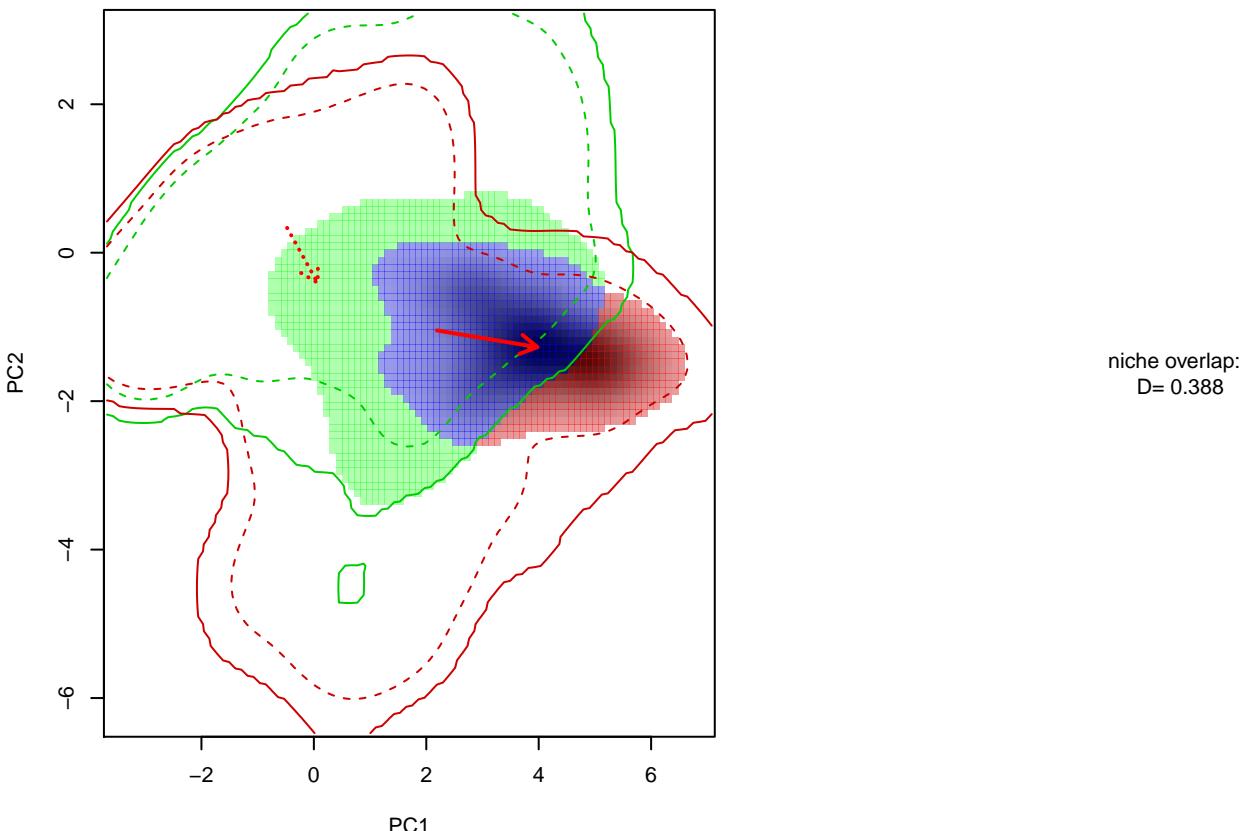
**Similarity 1→2**



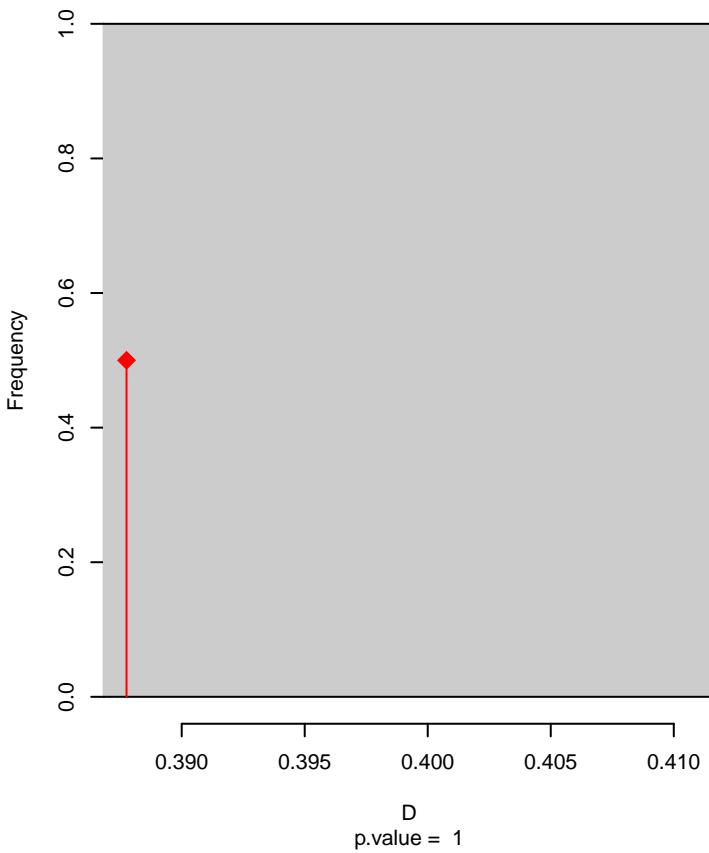
### Lessonia\_rufa seasonal overlap-hypo wi



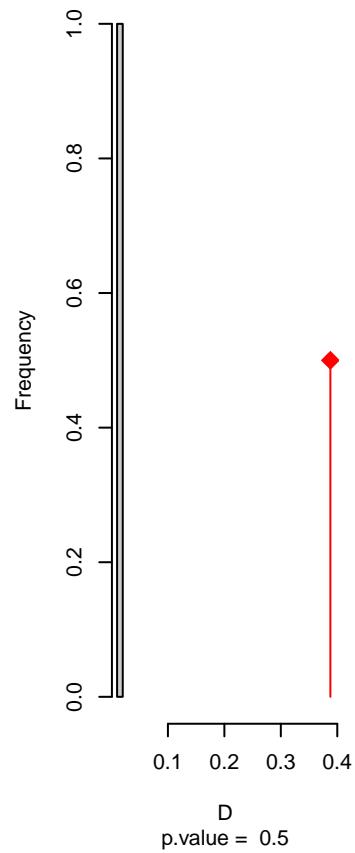
### Muscisaxicola\_albifrons seasonal overlap



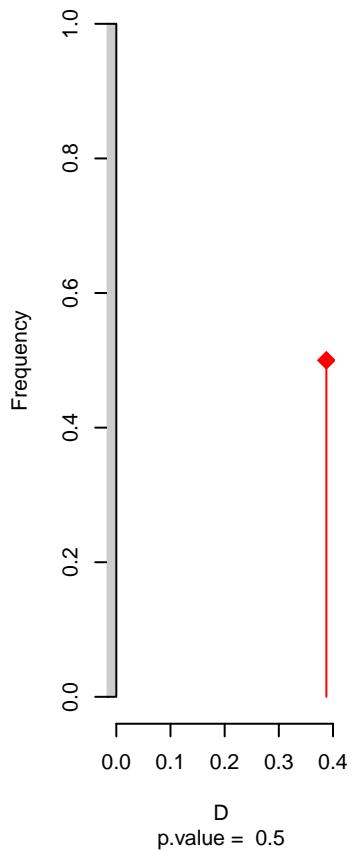
**Equivalency**



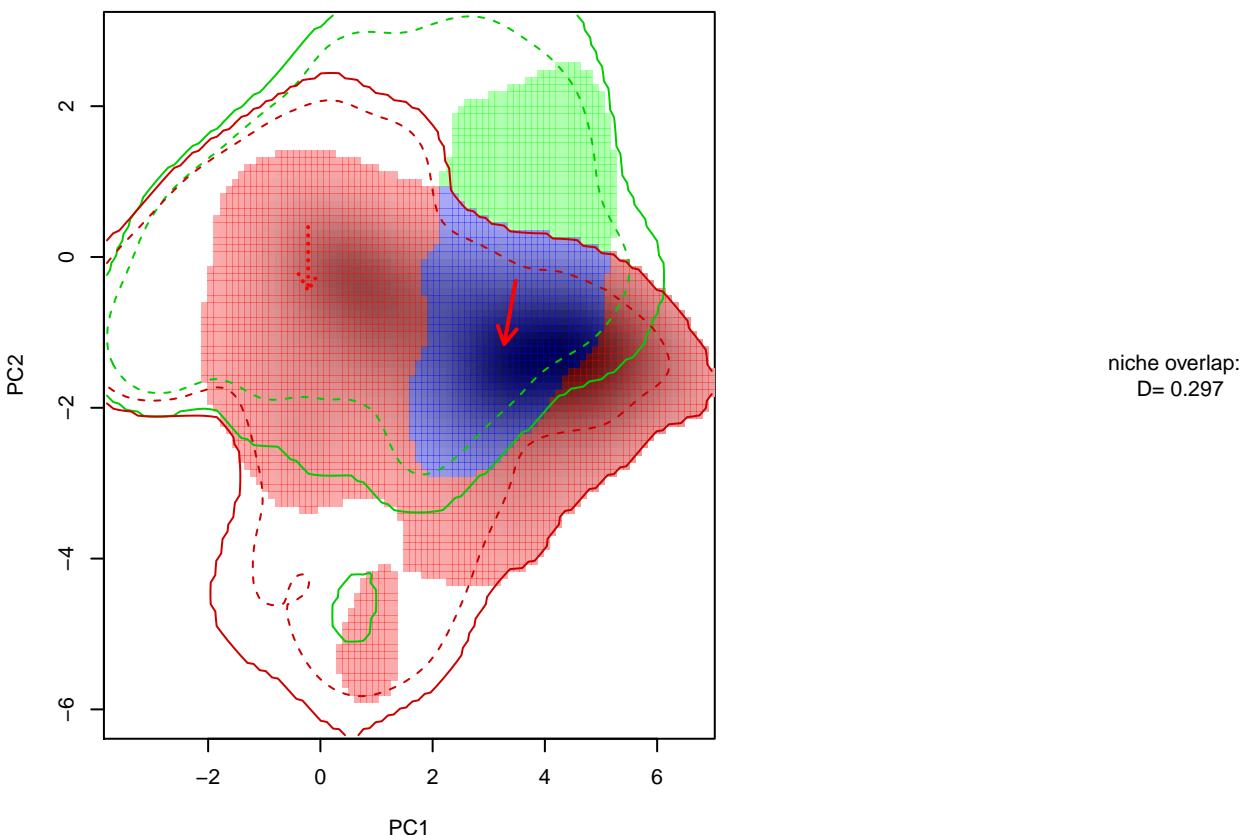
**Similarity 2→1**



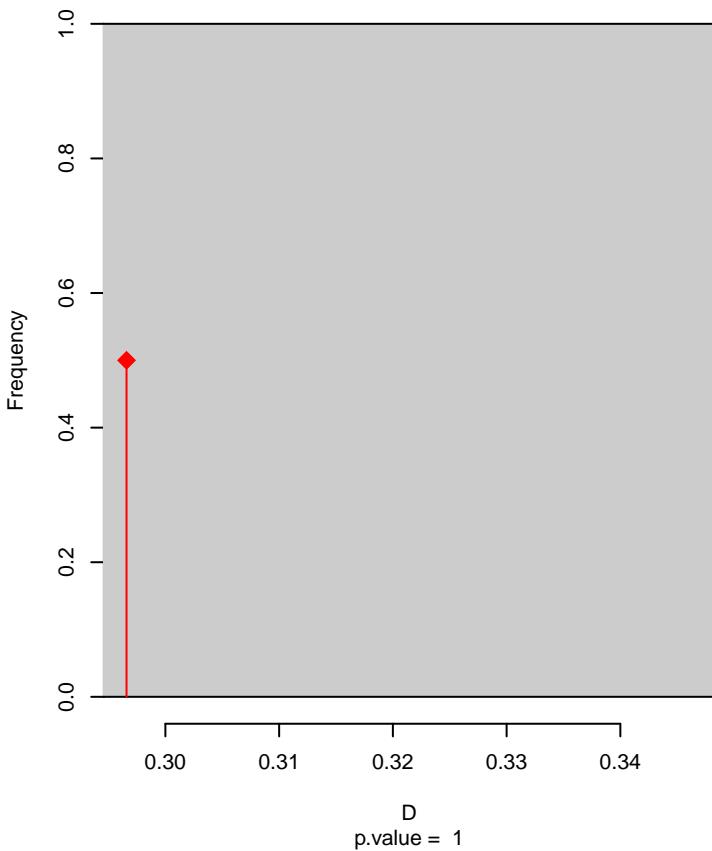
**Similarity 1→2**



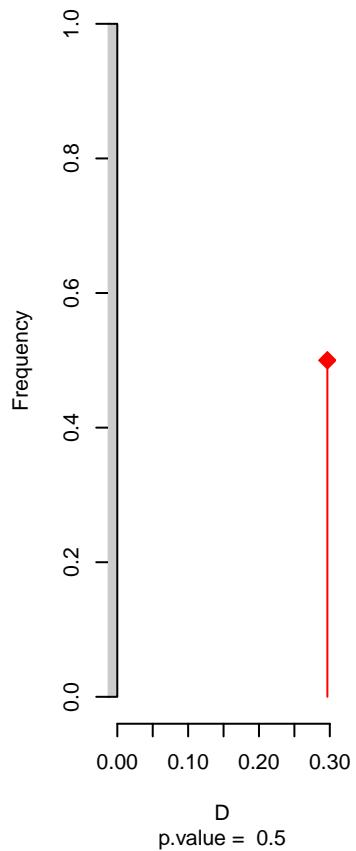
### Muscisaxicola\_albilora seasonal overlap



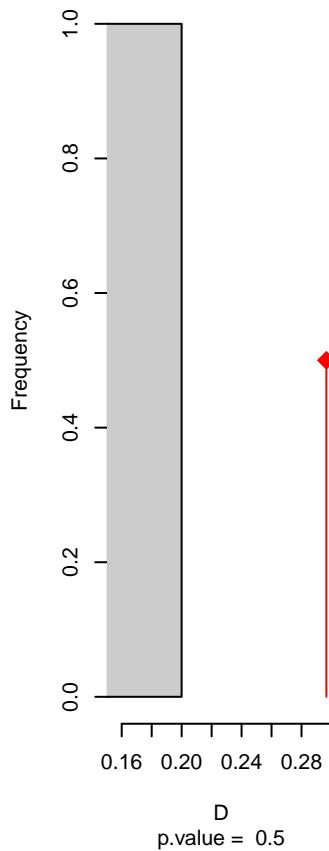
**Equivalency**



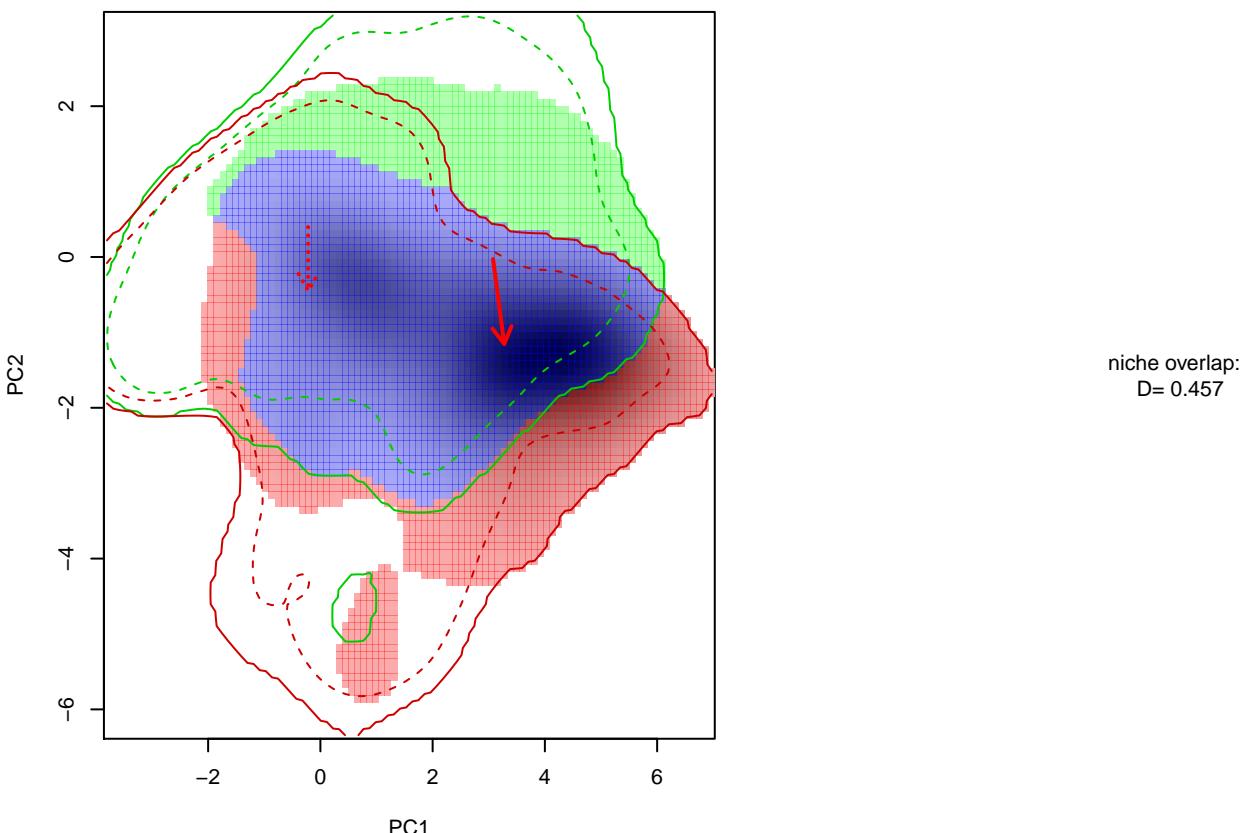
**Similarity 2→1**



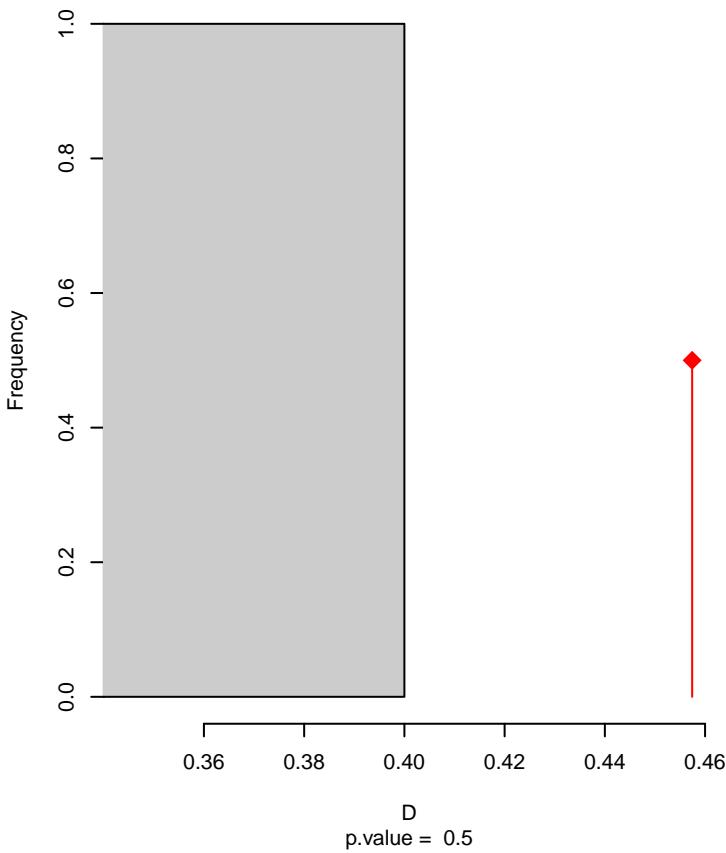
**Similarity 1→2**



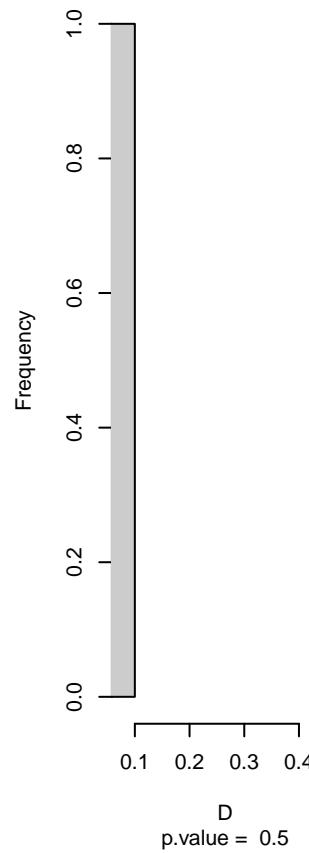
# Muscisaxicola\_albilora seasonal overlap-hypo.br



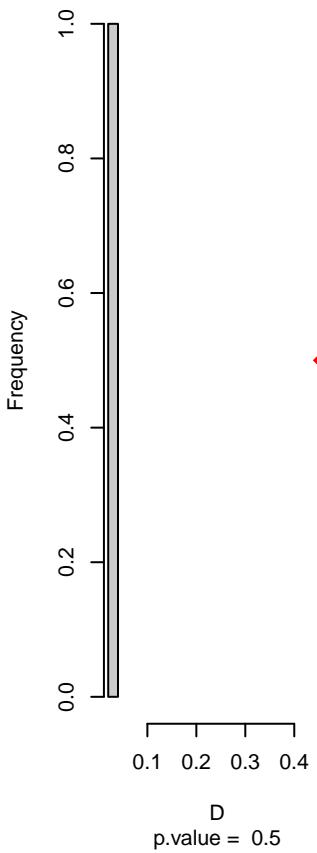
**Equivalency**



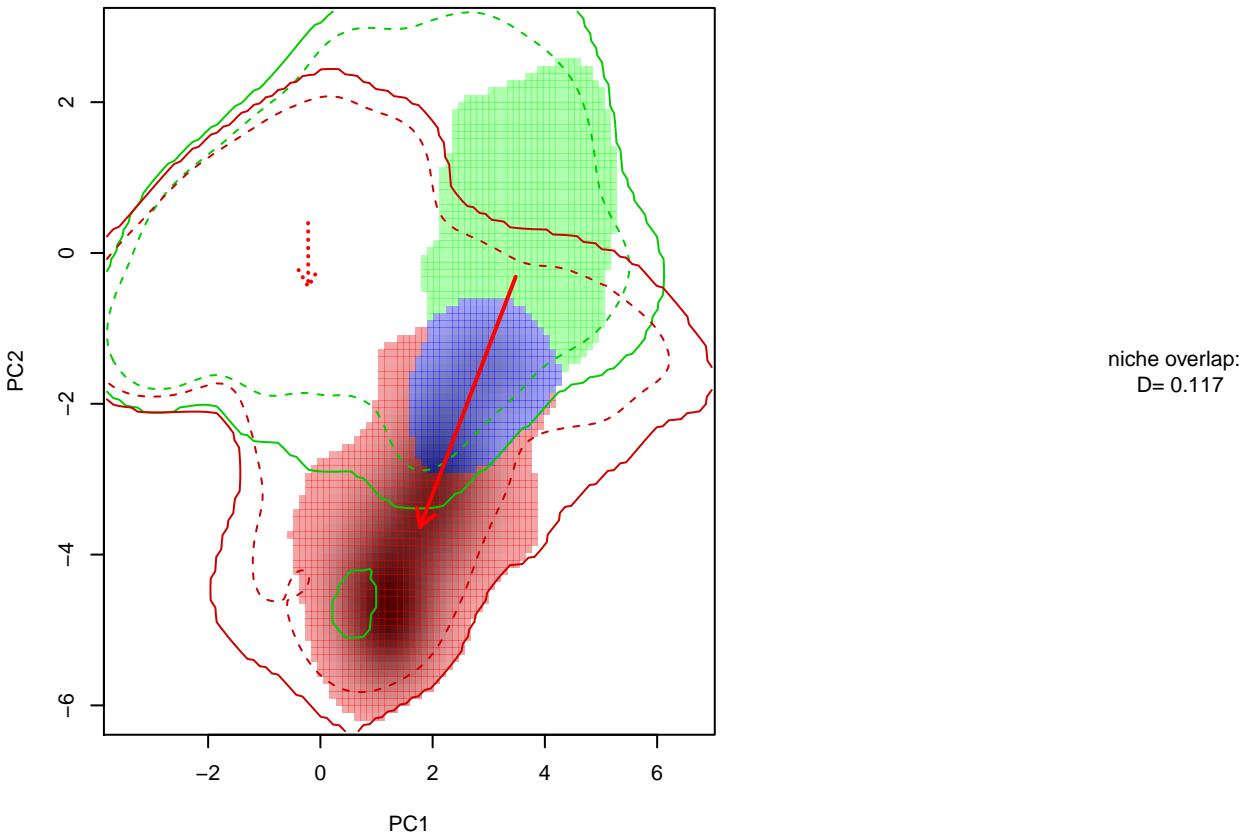
**Similarity 2→1**



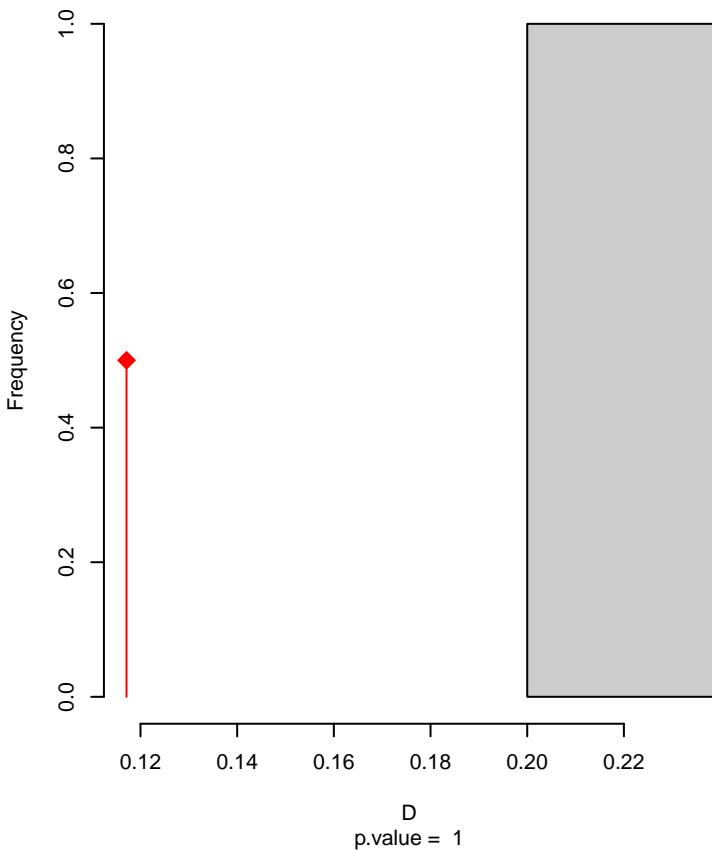
**Similarity 1→2**



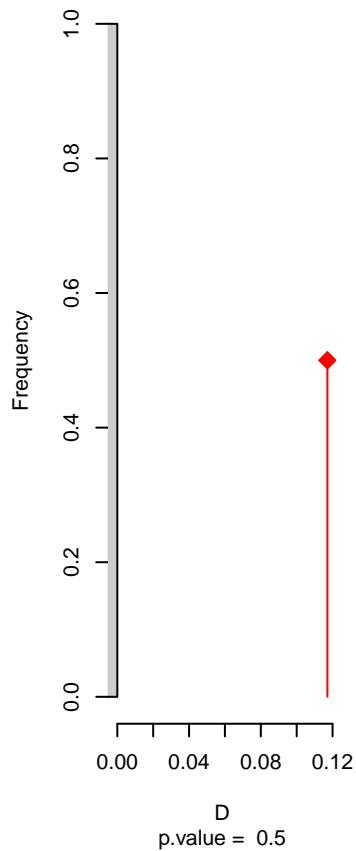
# Muscisaxicola\_albilora seasonal overlap–hypo wi



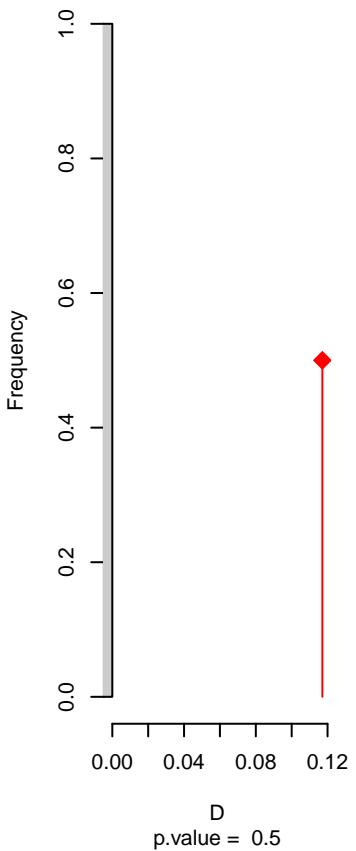
**Equivalency**



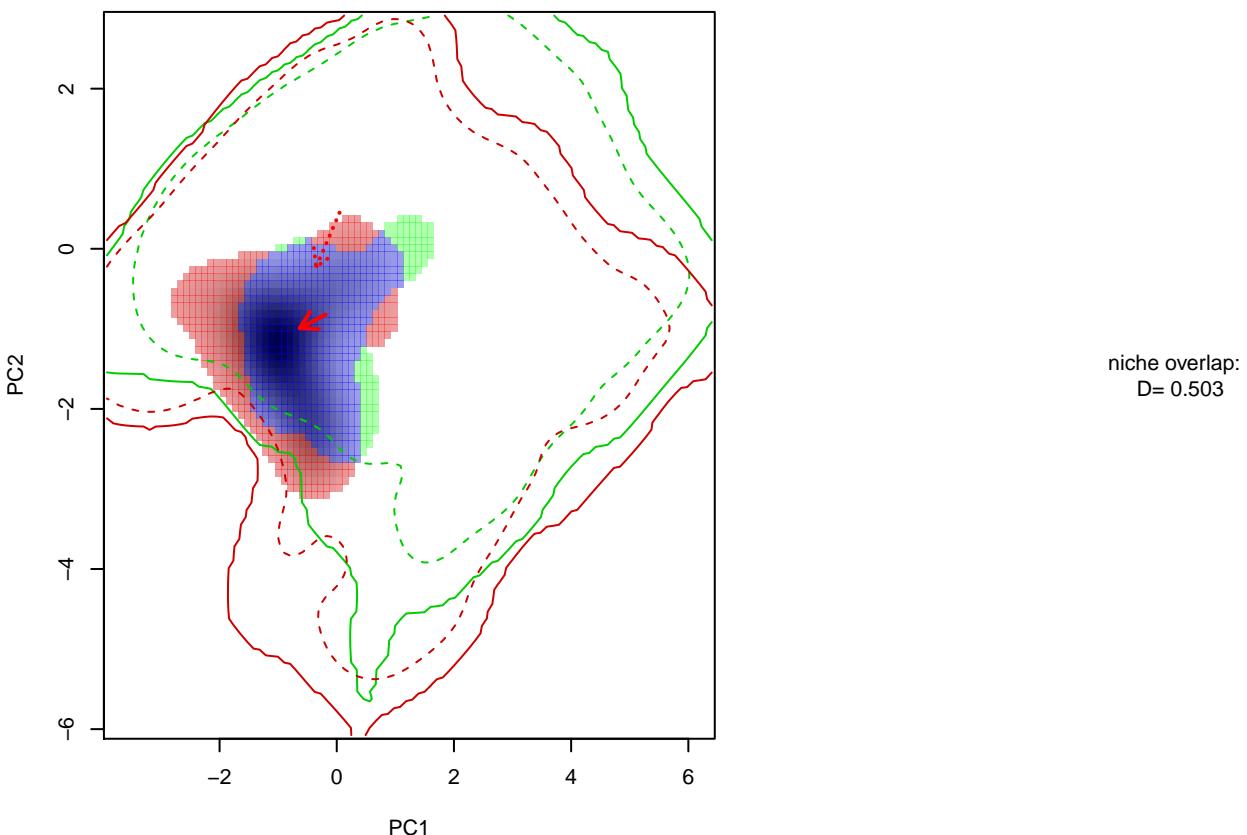
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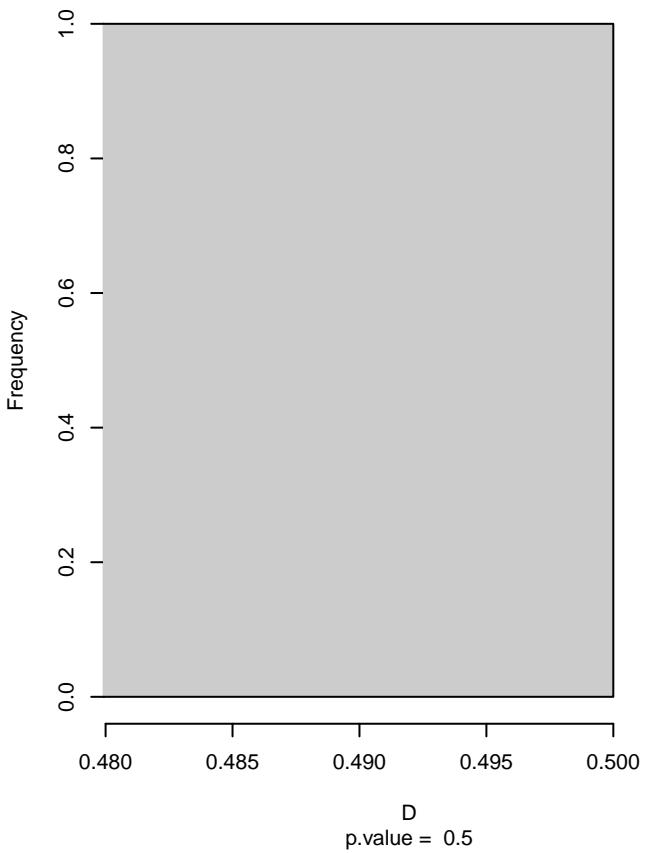
**Similarity 1→2**



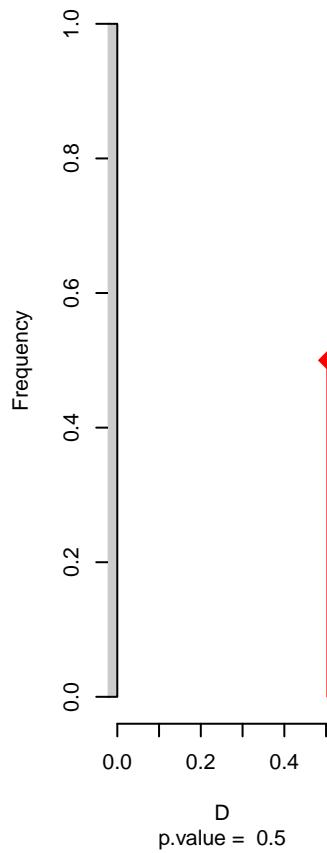
### Muscisaxicola\_alpinus seasonal overlap



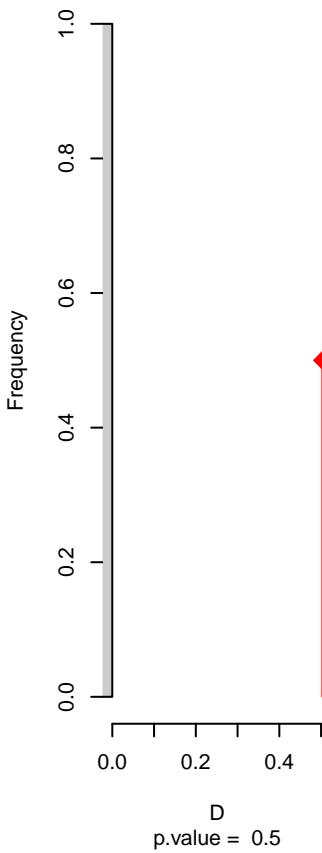
**Equivalency**



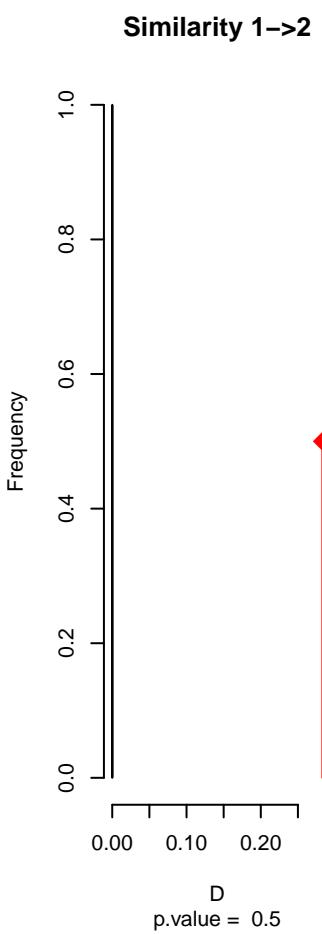
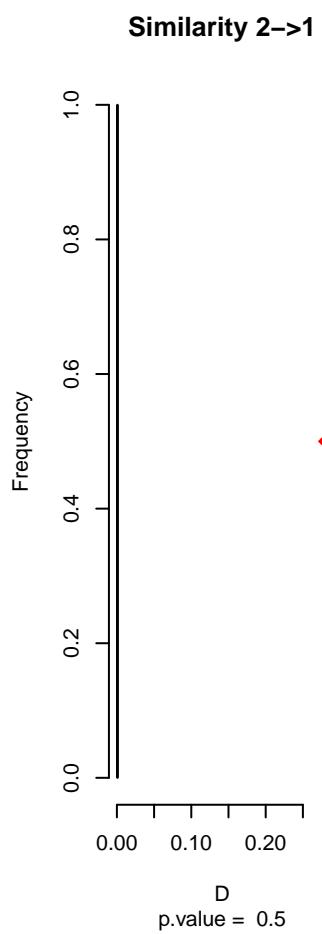
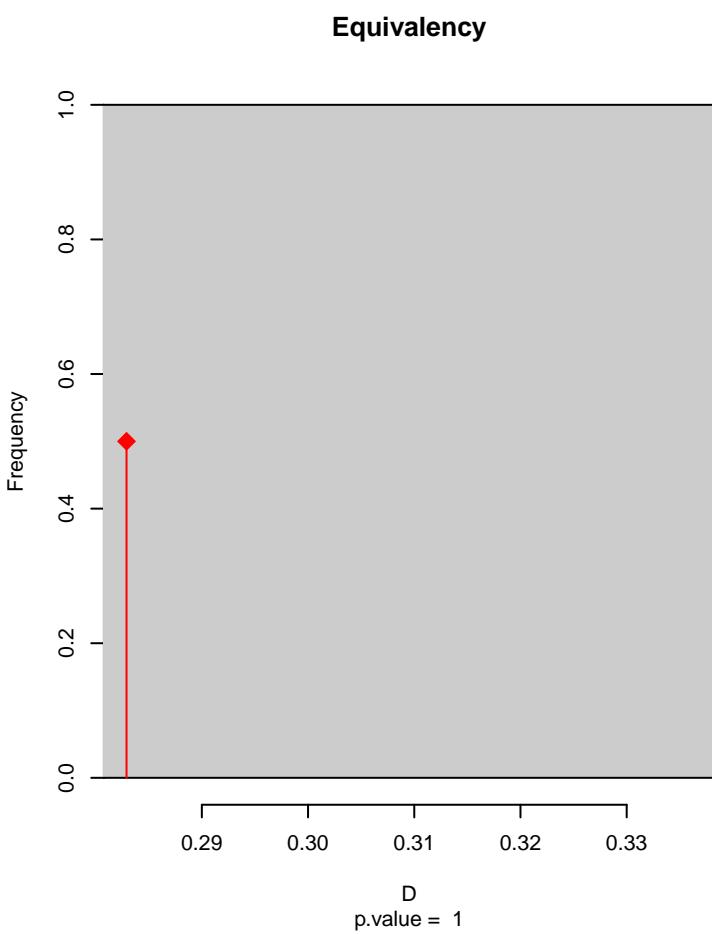
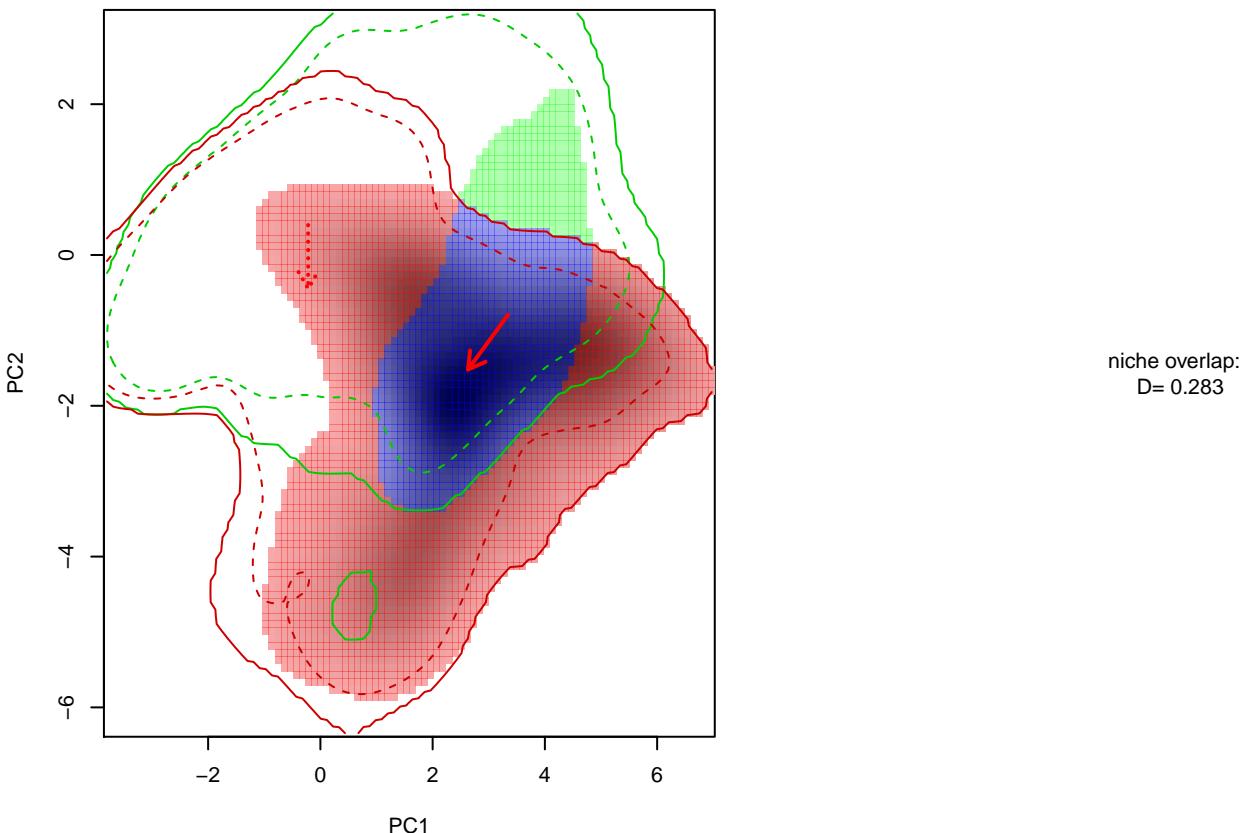
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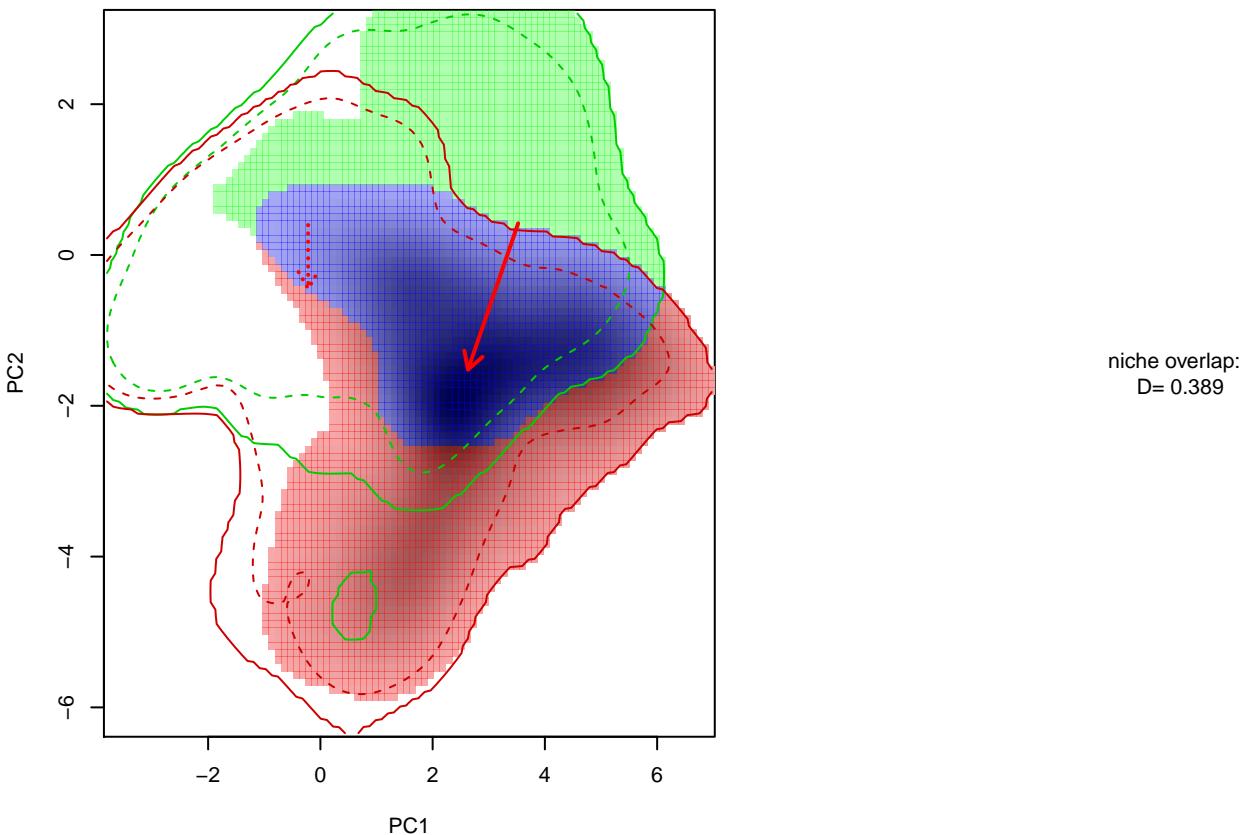
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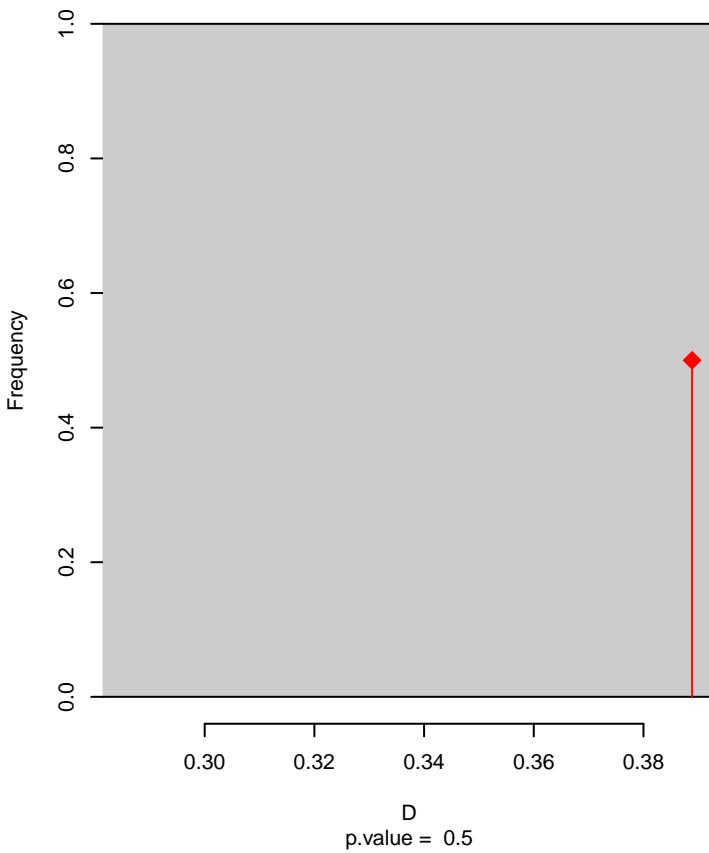
### Muscisaxicola\_capistratus seasonal overlap



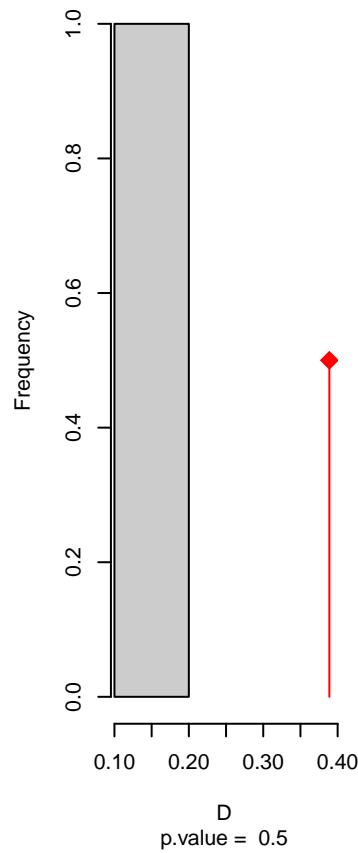
# Muscisaxicola\_capistratus seasonal overlap-hypo.br



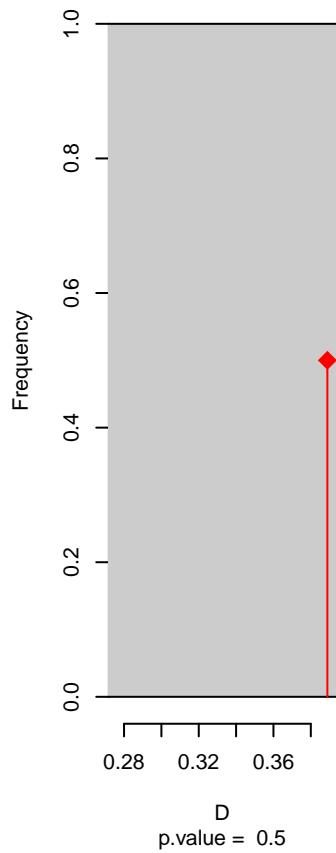
Equivalency



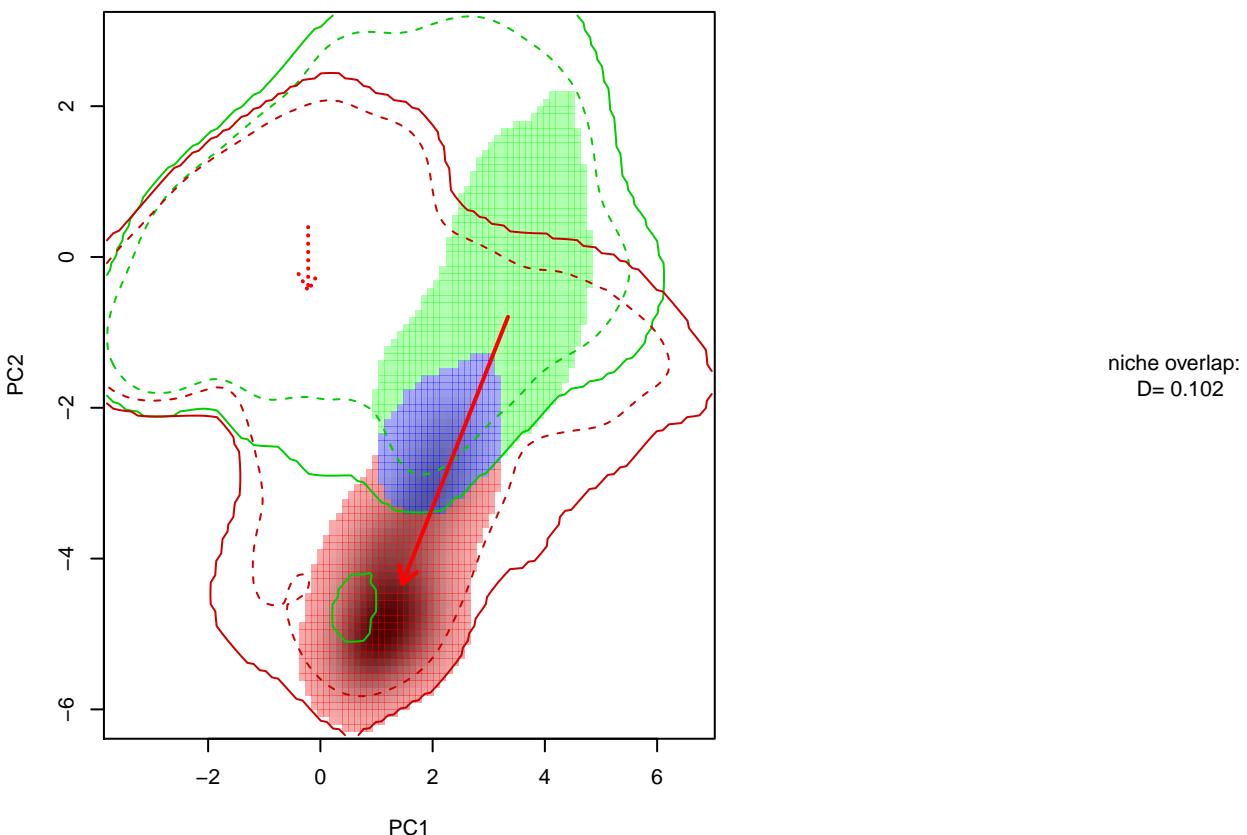
Similarity 2→1



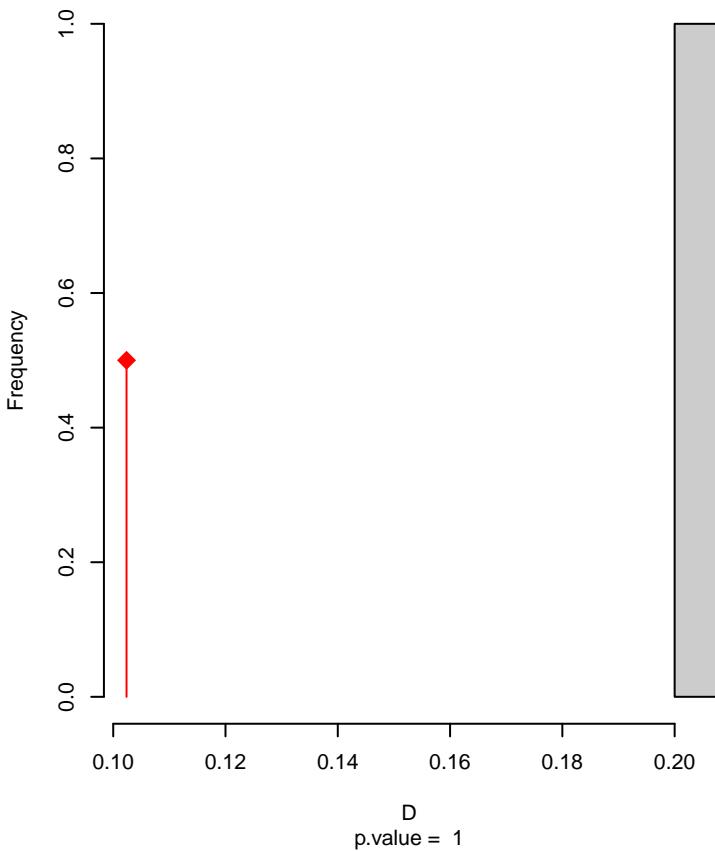
Similarity 1→2



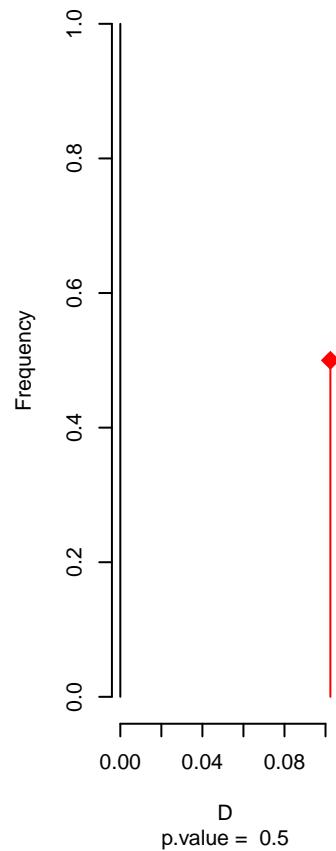
# Muscisaxicola\_capistratus seasonal overlap-hypo wi



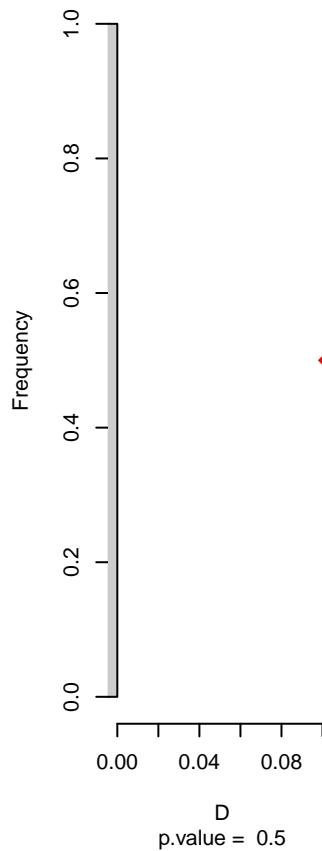
**Equivalency**



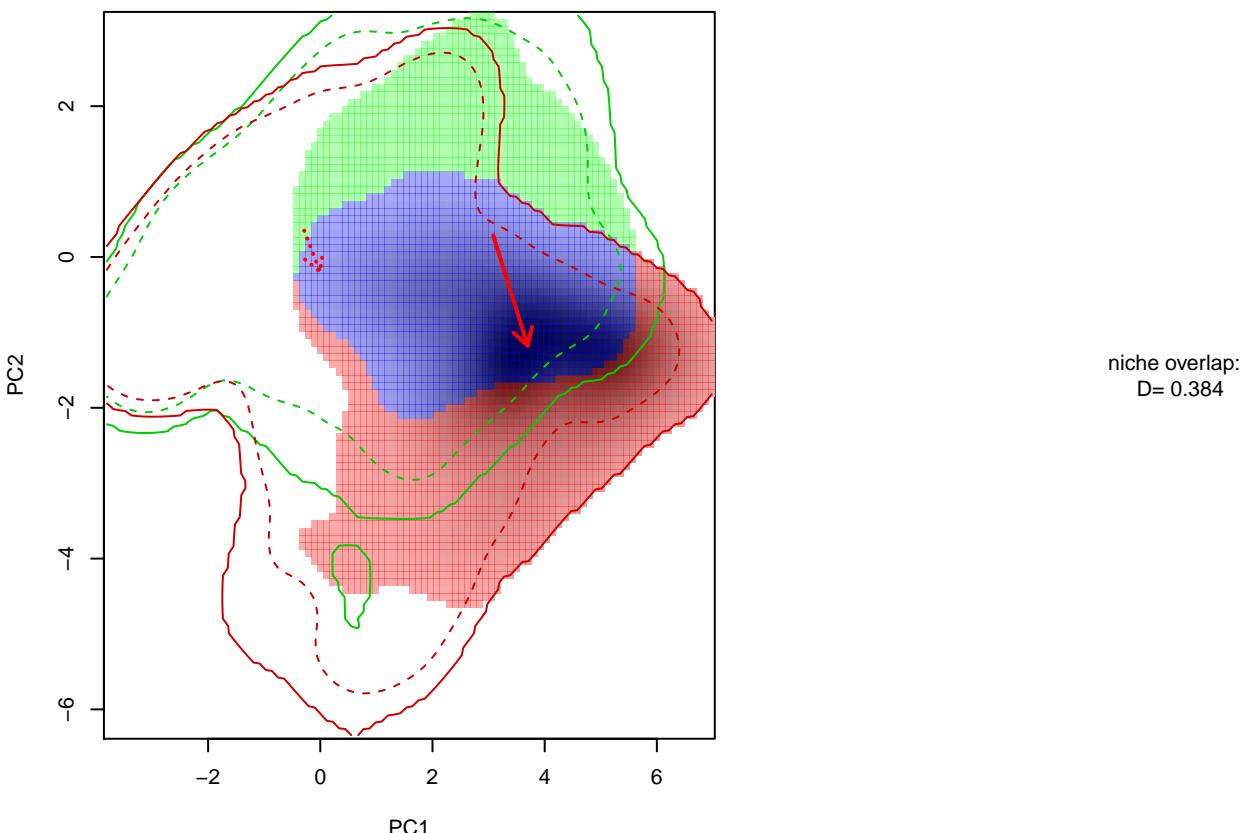
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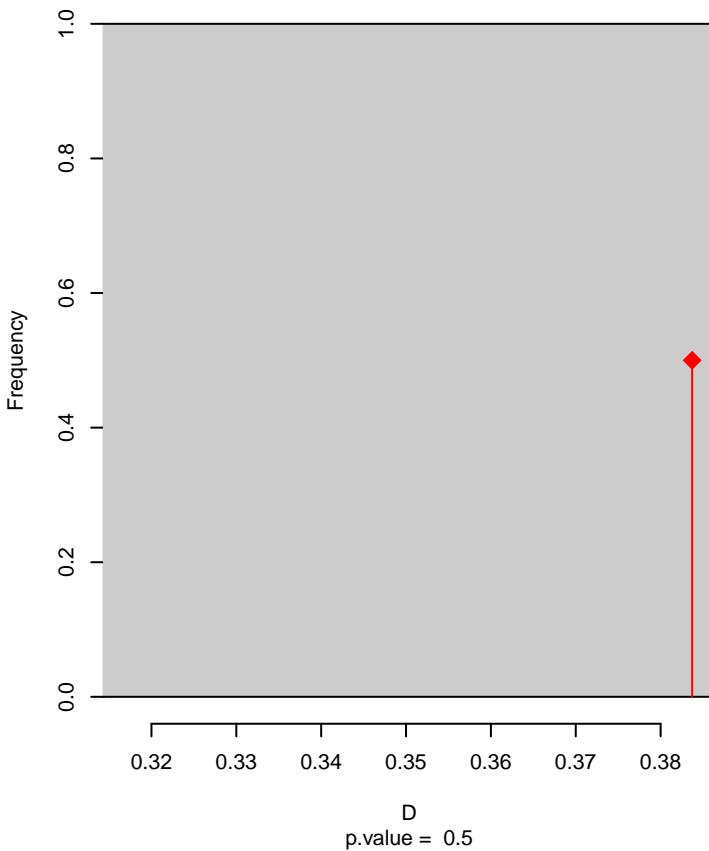
**Similarity 1→2**



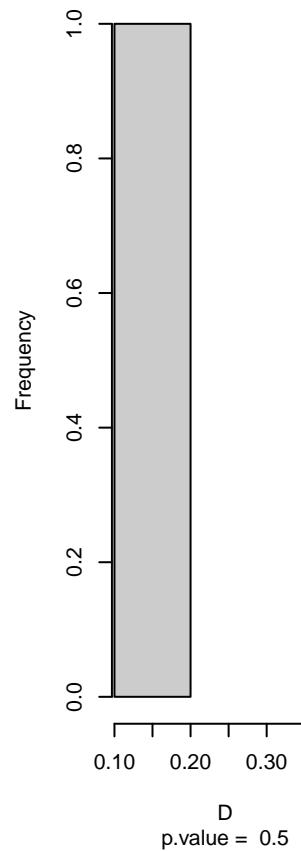
### Muscisaxicola\_cinereus seasonal overlap



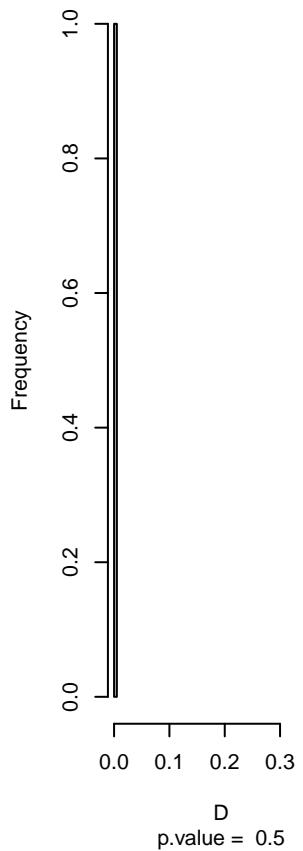
**Equivalency**



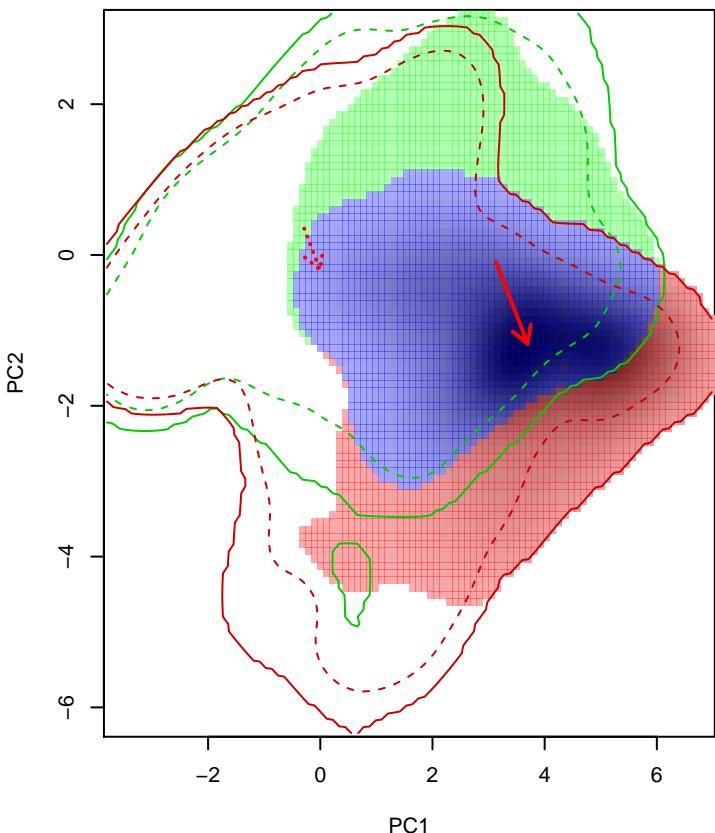
**Similarity 2→1**



**Similarity 1→2**

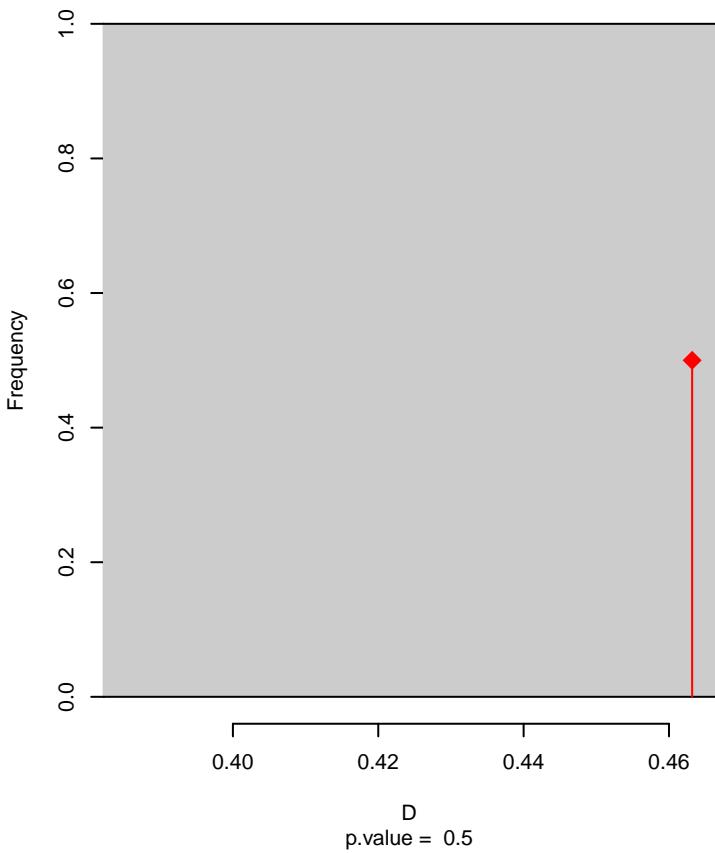


**Muscisaxicola\_cinereus seasonal overlap-hypo.br**

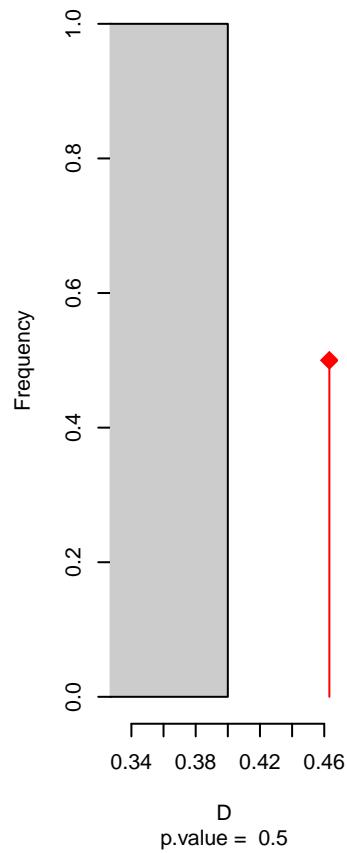


niche overlap:  
 $D = 0.463$

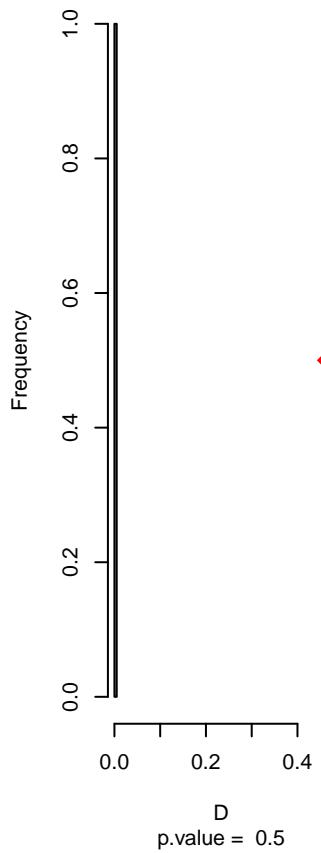
**Equivalency**



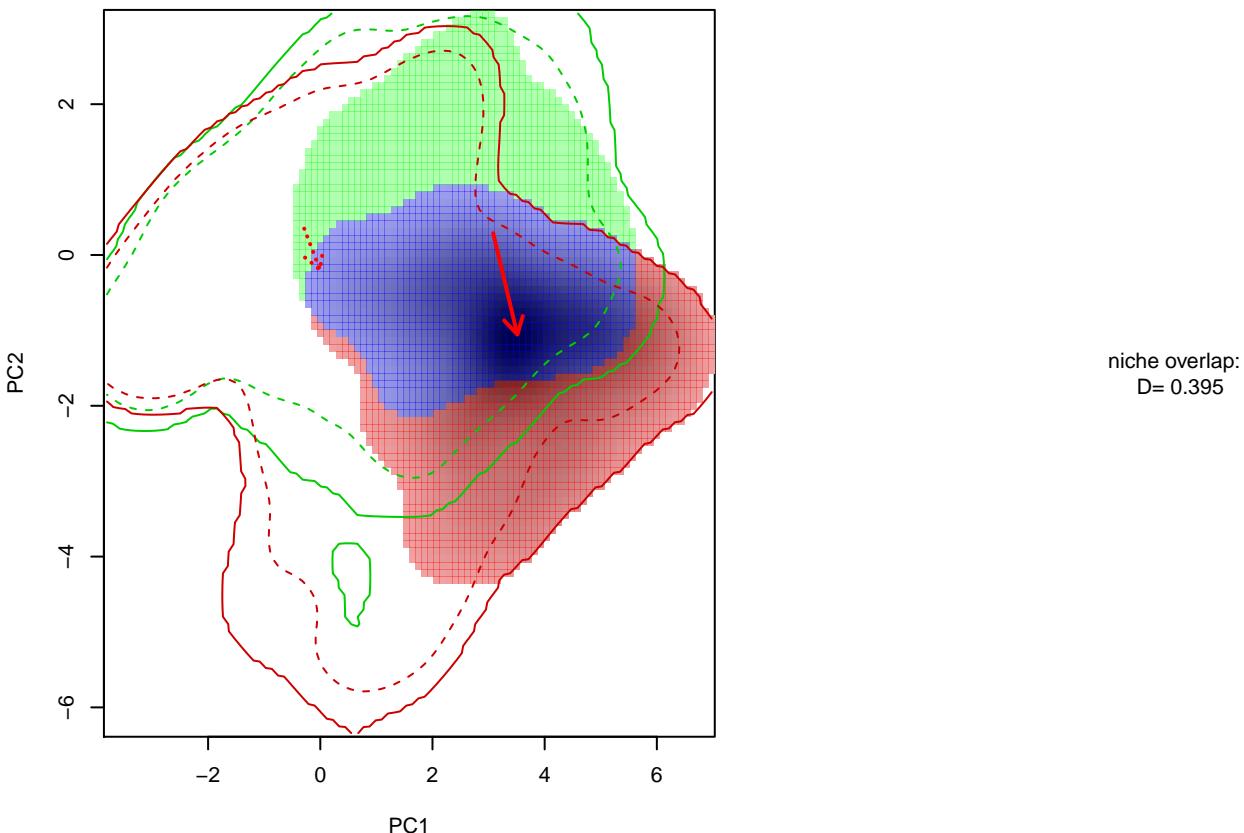
**Similarity 2→1**



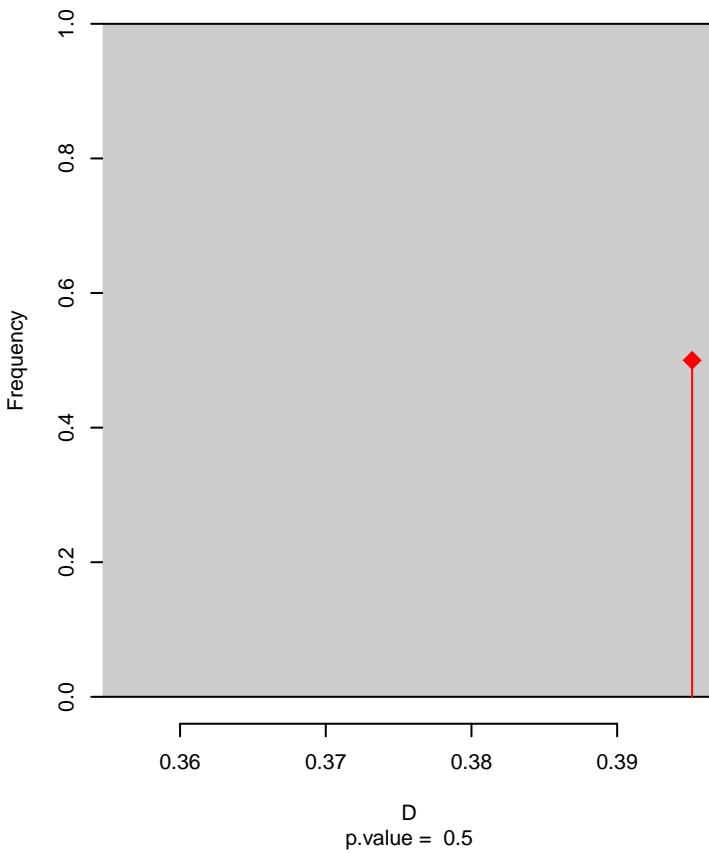
**Similarity 1→2**



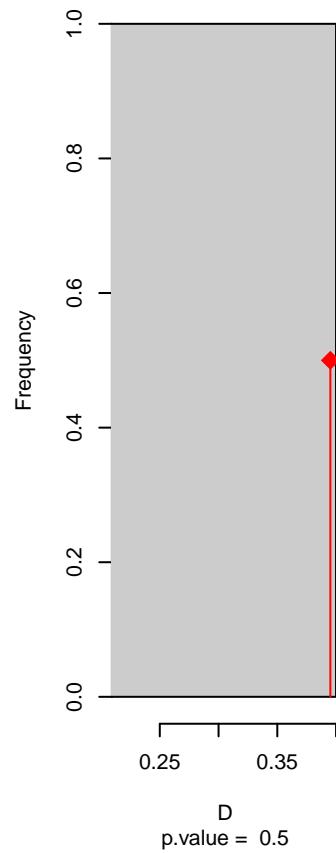
# *Muscisaxicola\_cinereus* seasonal overlap-hypo wi



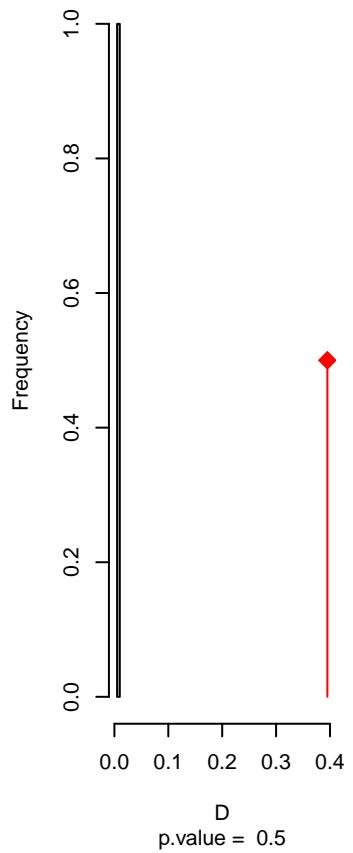
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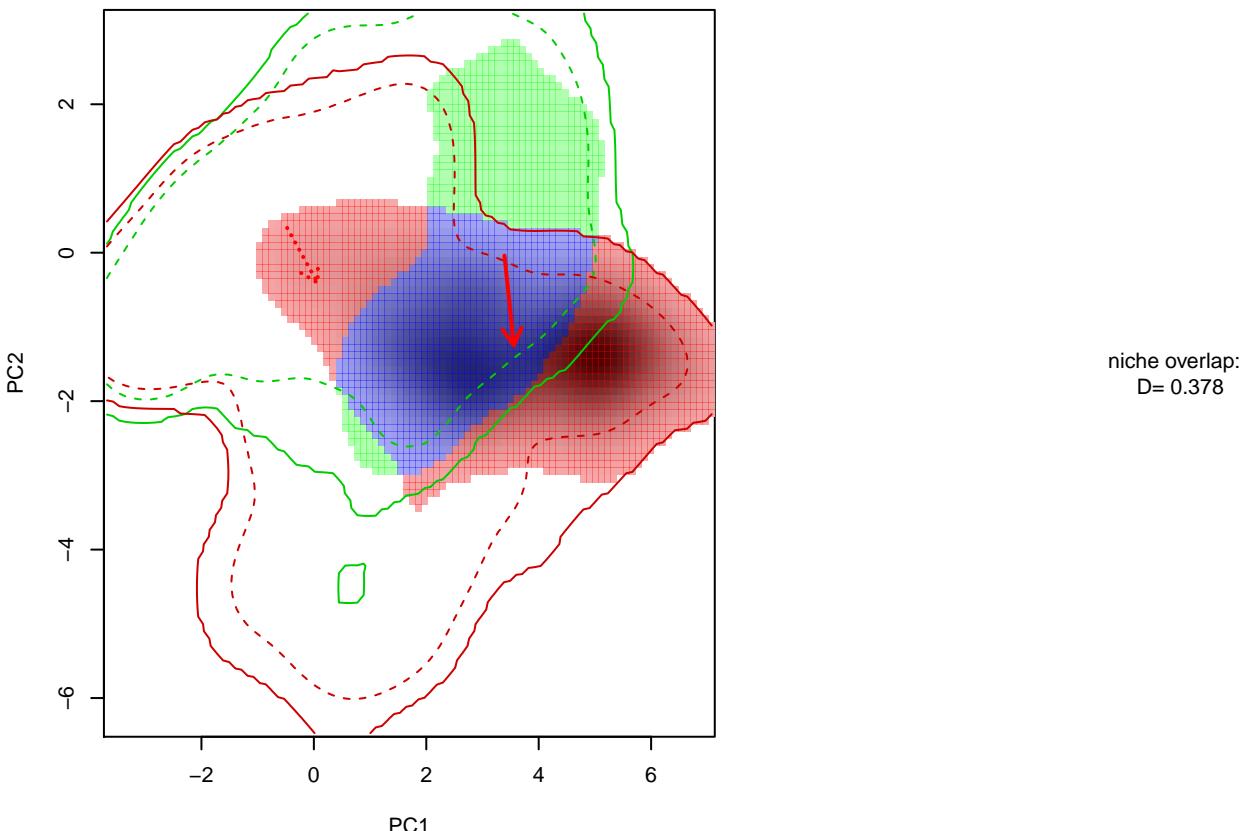
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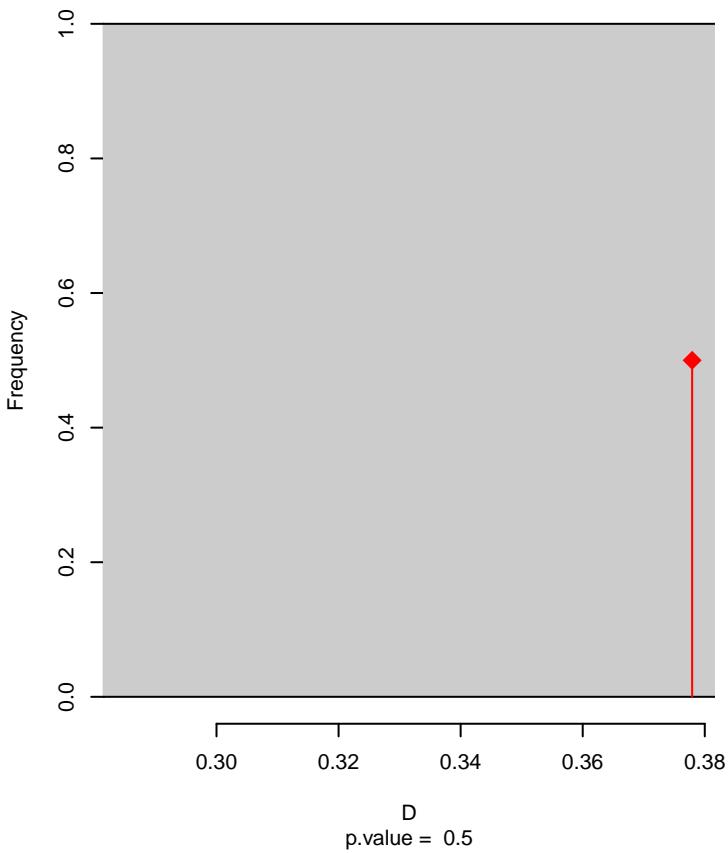
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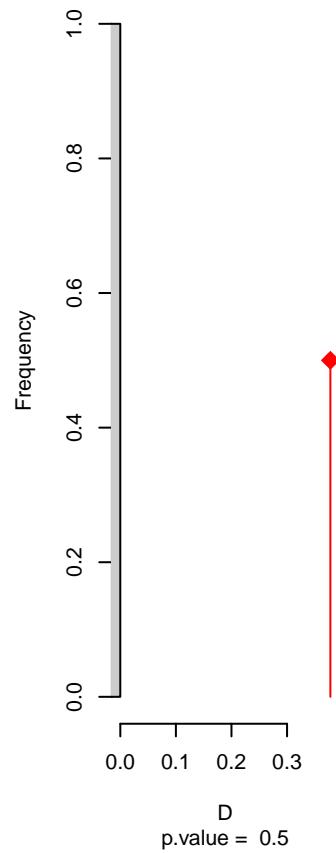
### Muscisaxicola\_flavinucha seasonal overlap



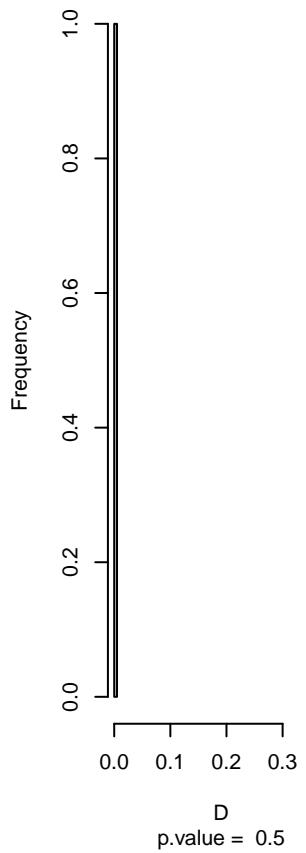
**Equivalency**



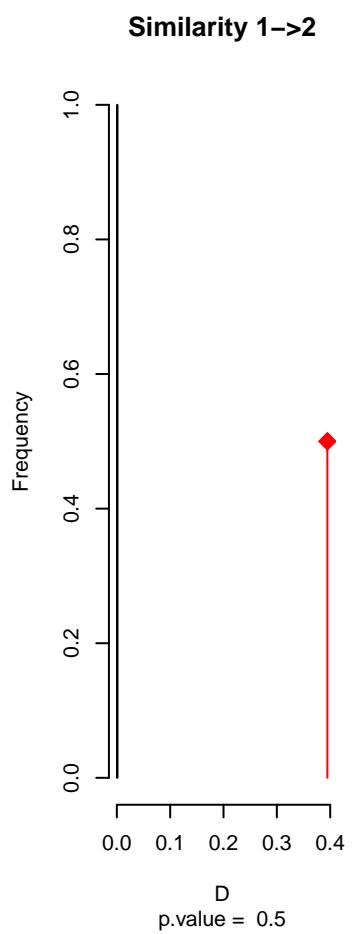
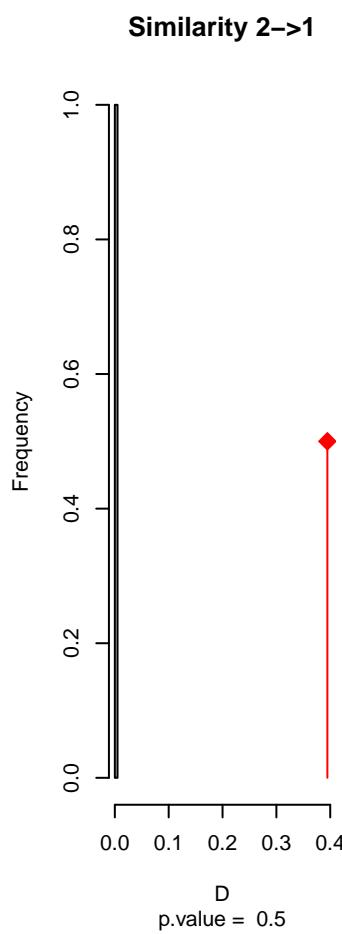
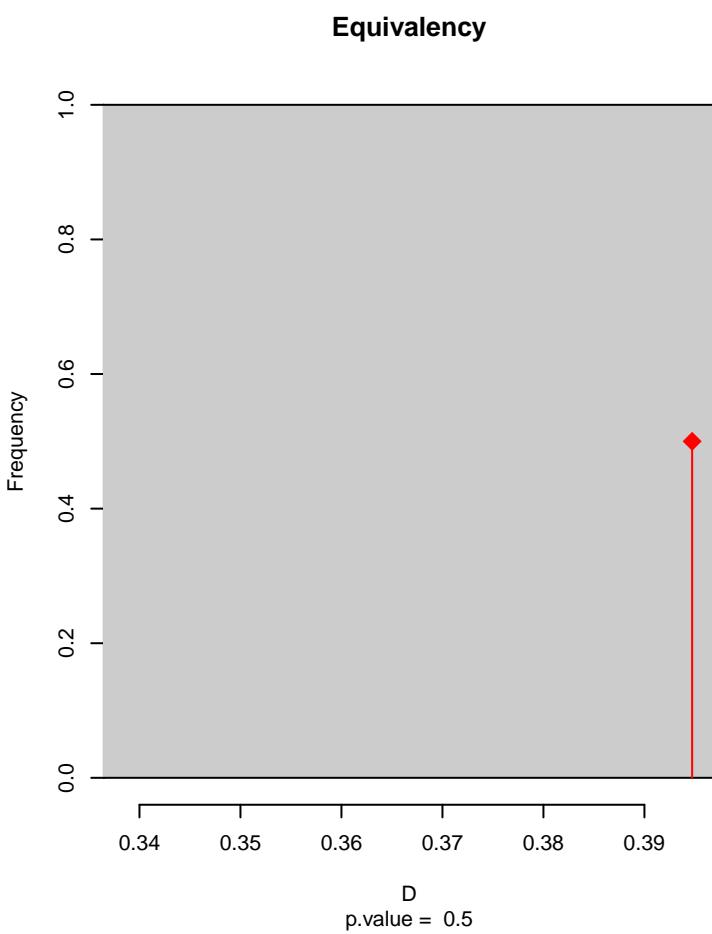
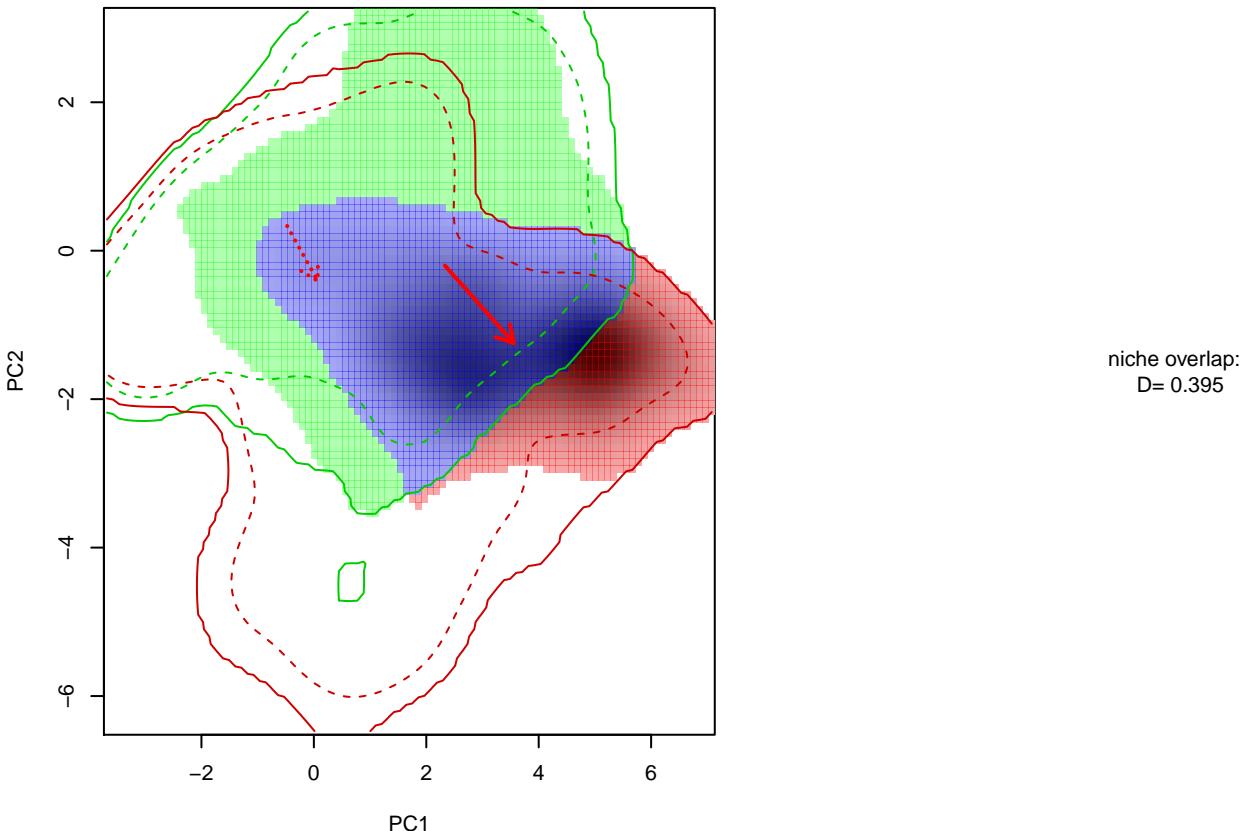
**Similarity 2→1**



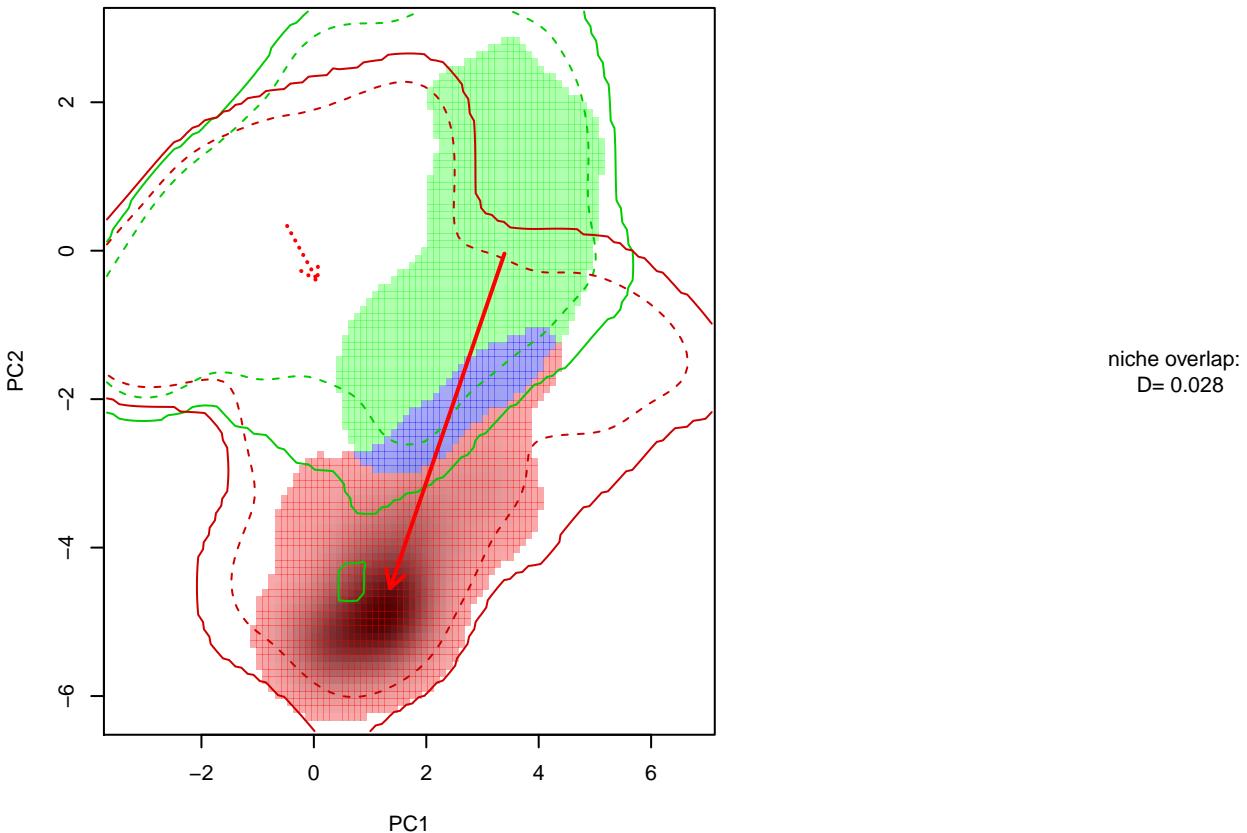
**Similarity 1→2**



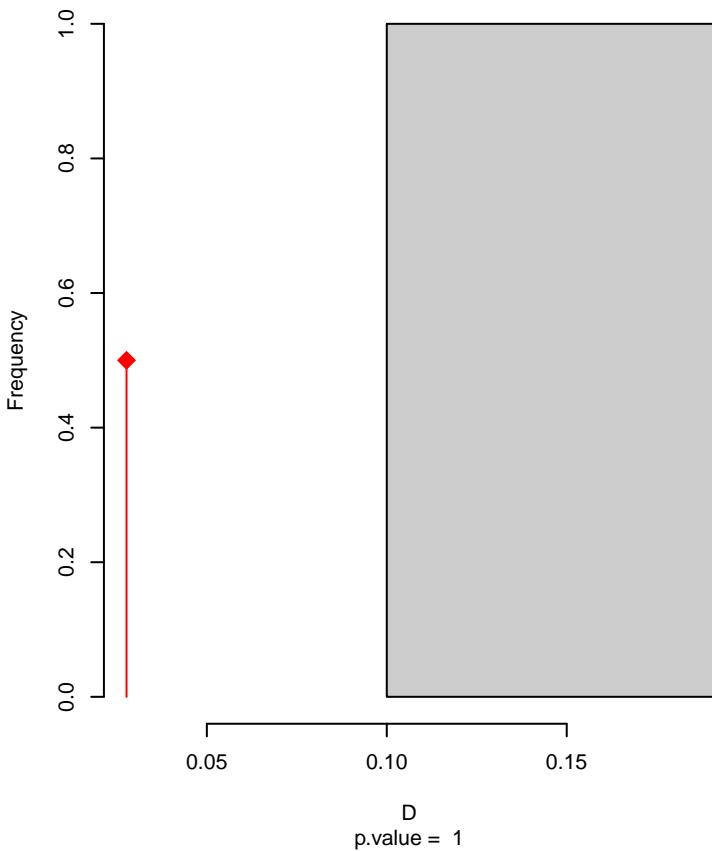
# Muscisaxicola\_flavinucha seasonal overlap-hypo.br



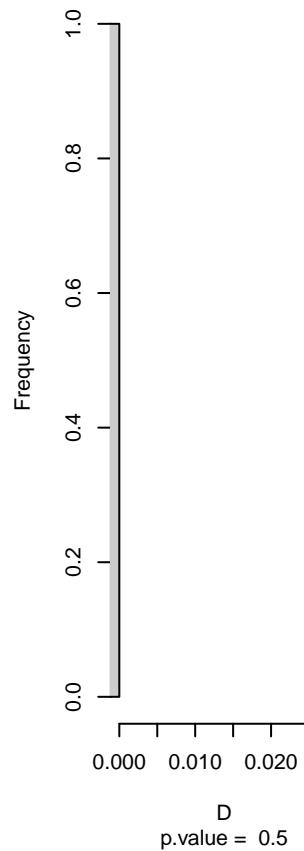
# Muscisaxicola\_flavinucha seasonal overlap-hypo wi



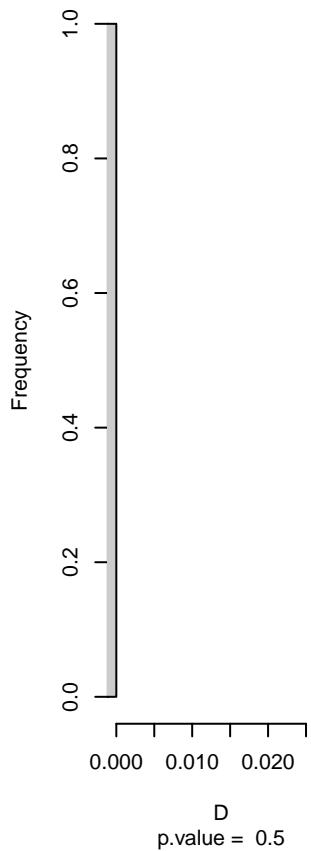
**Equivalency**



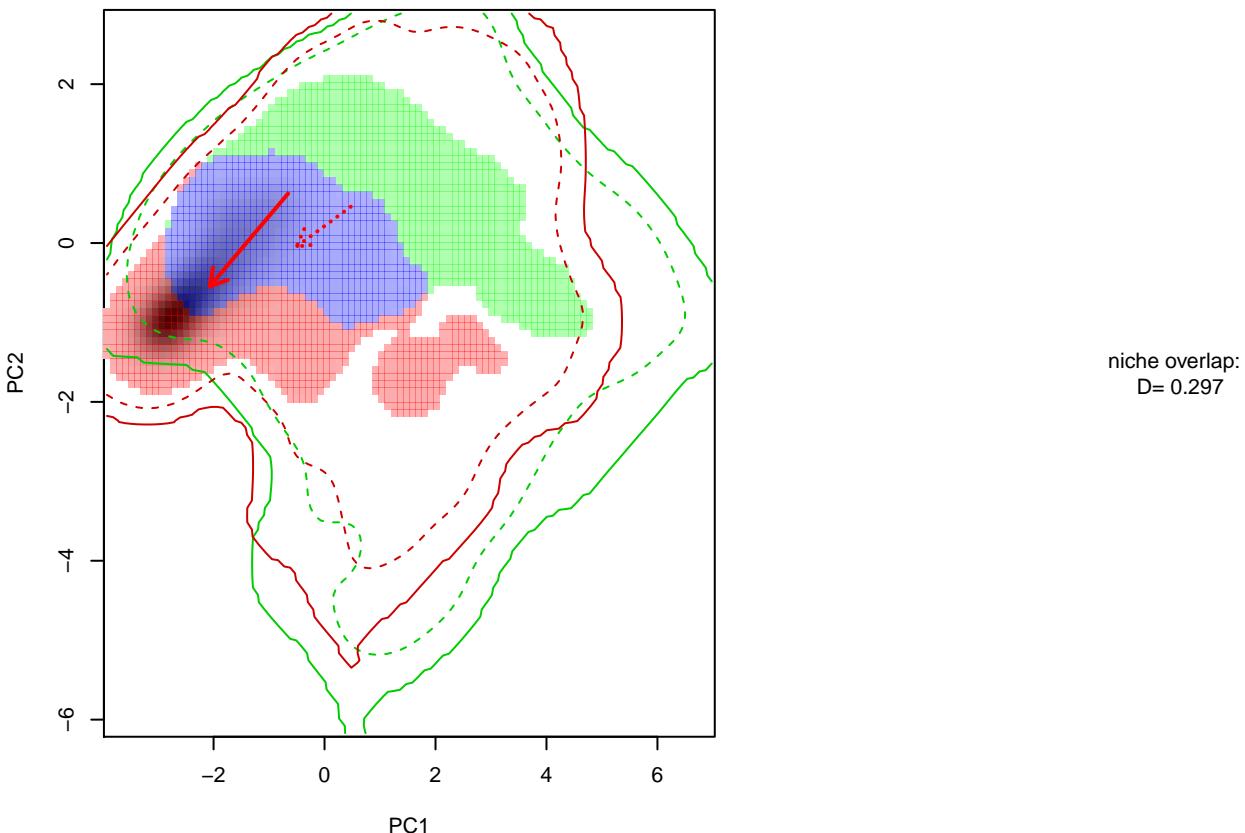
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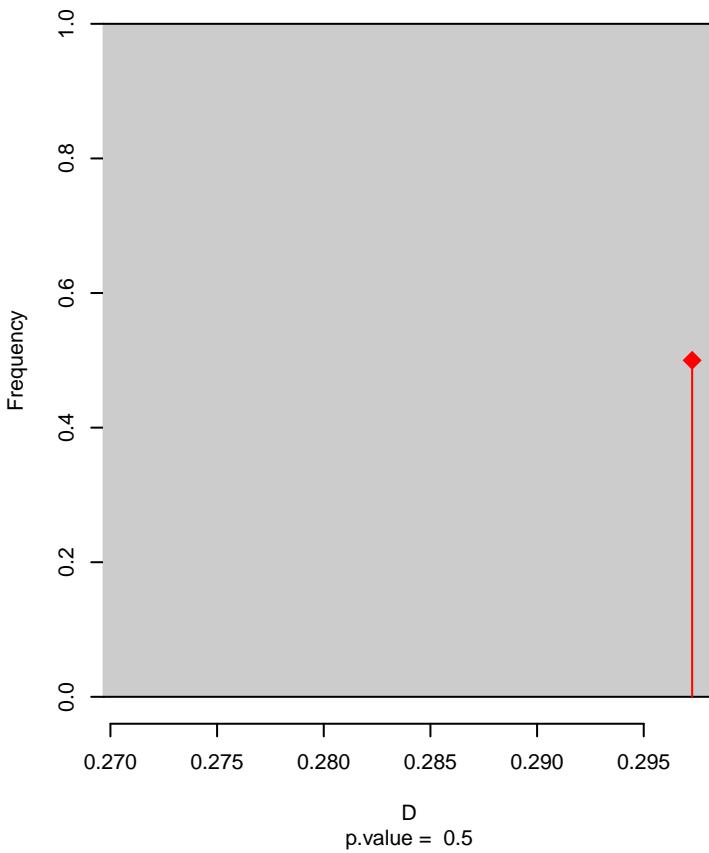
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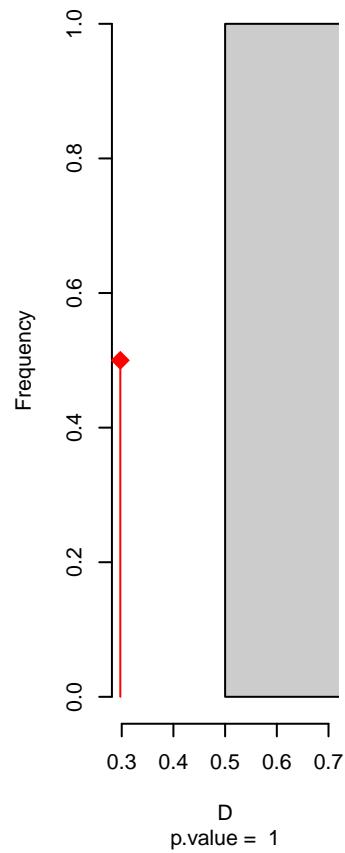
### Muscisaxicola\_fluvialis seasonal overlap



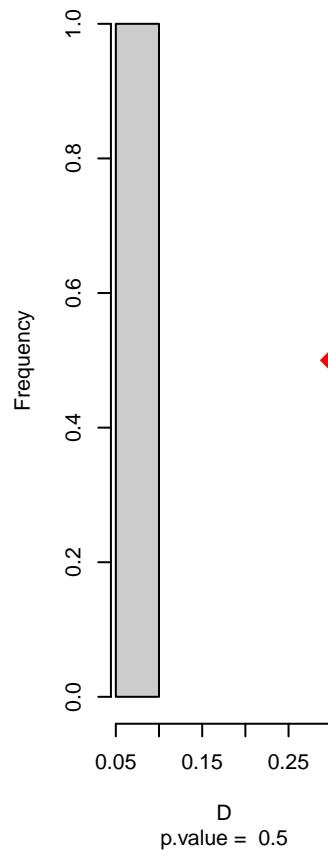
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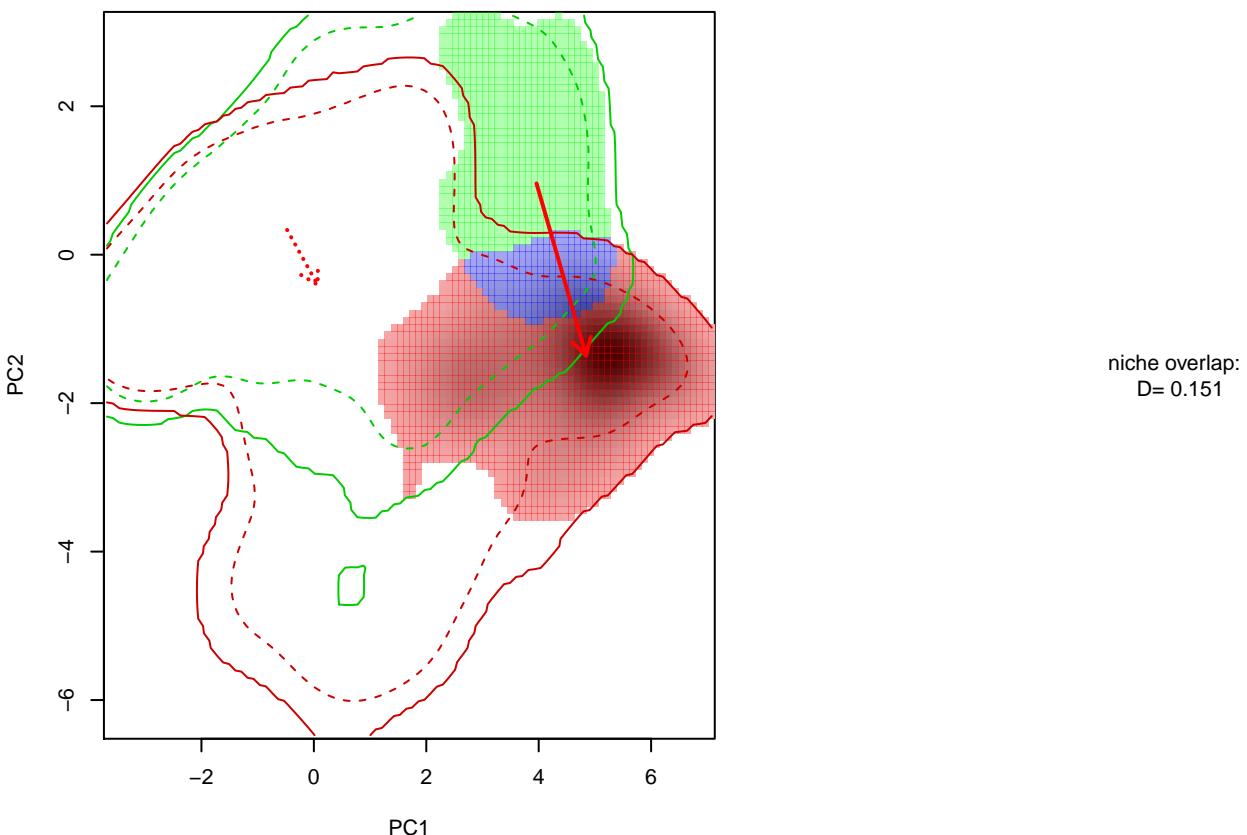
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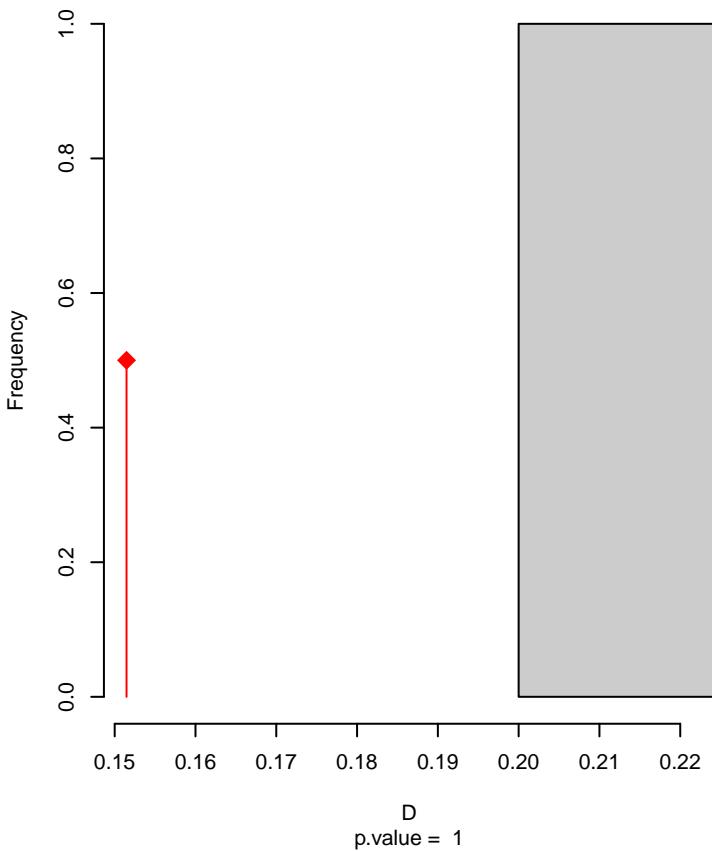
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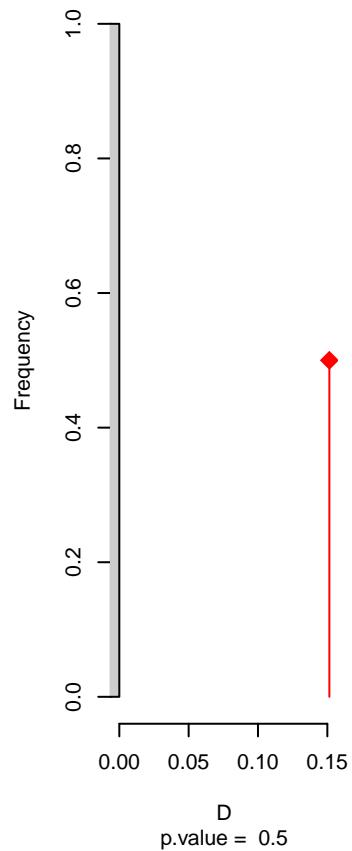
### Muscisaxicola\_frontalis seasonal overlap



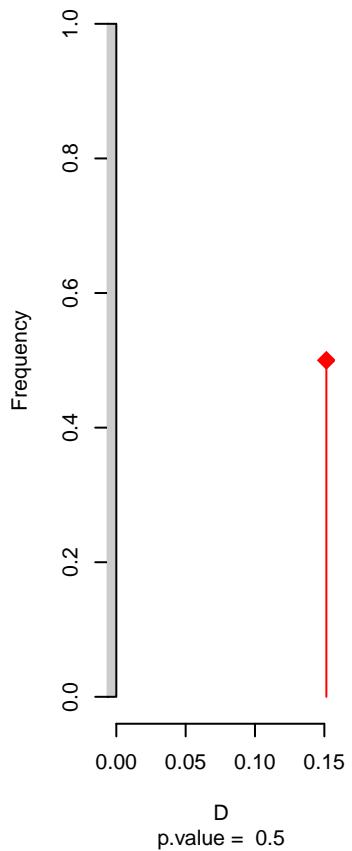
**Equivalency**



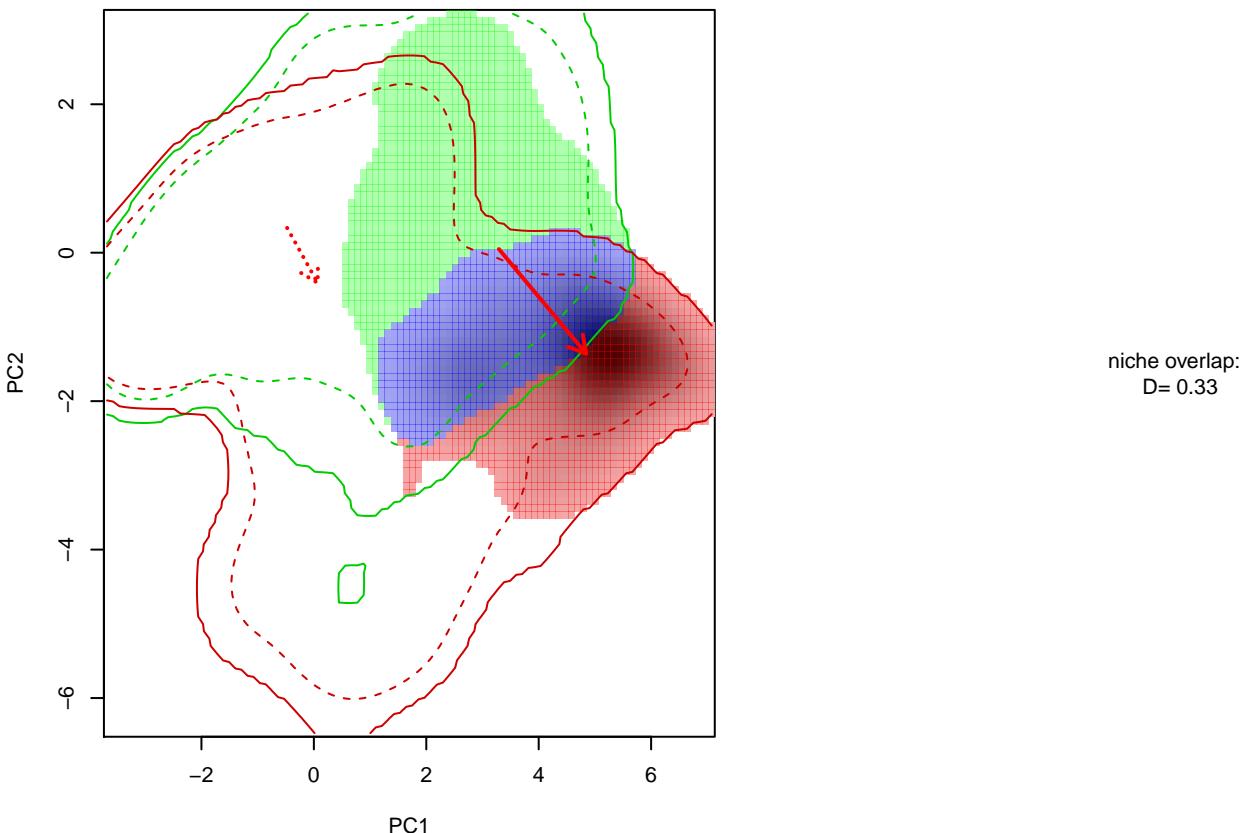
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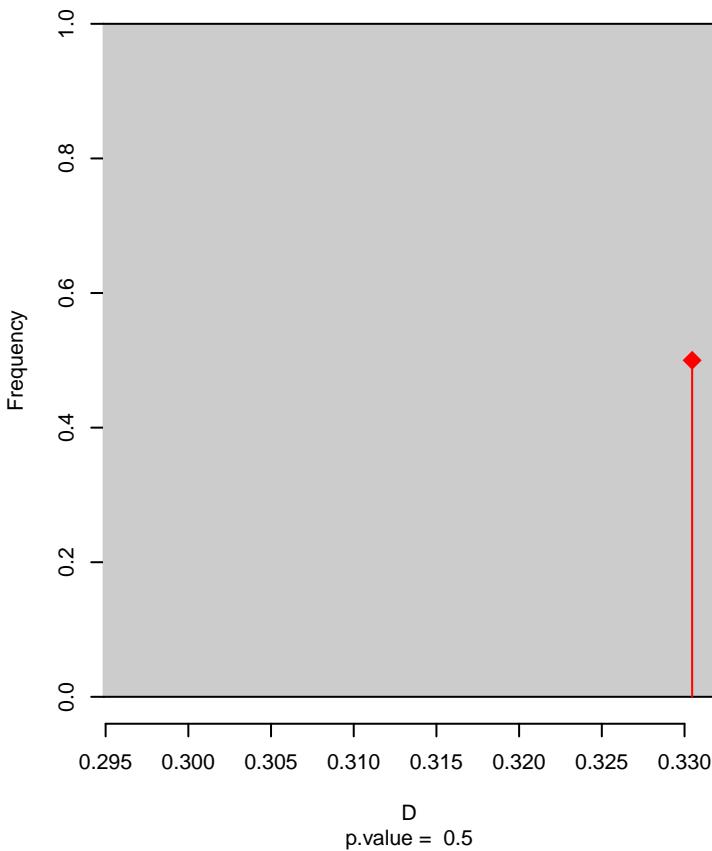
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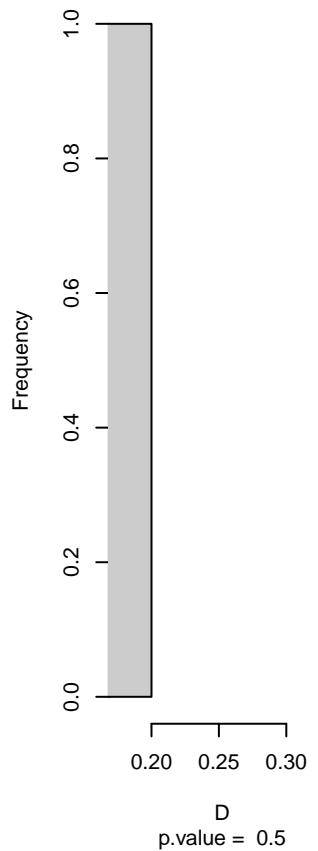
**Muscisaxicola\_frontalis seasonal overlap-hypo.br**



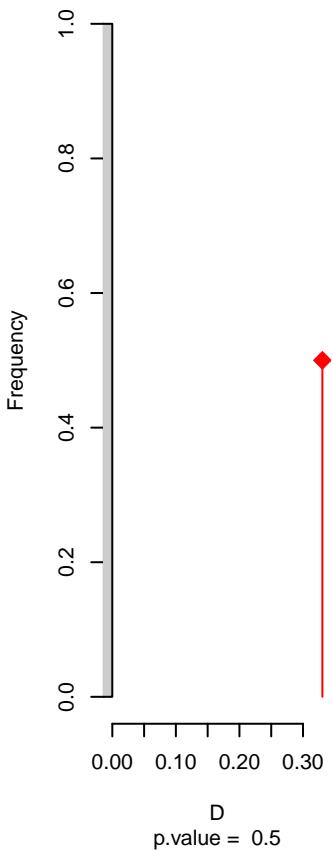
**Equivalency**



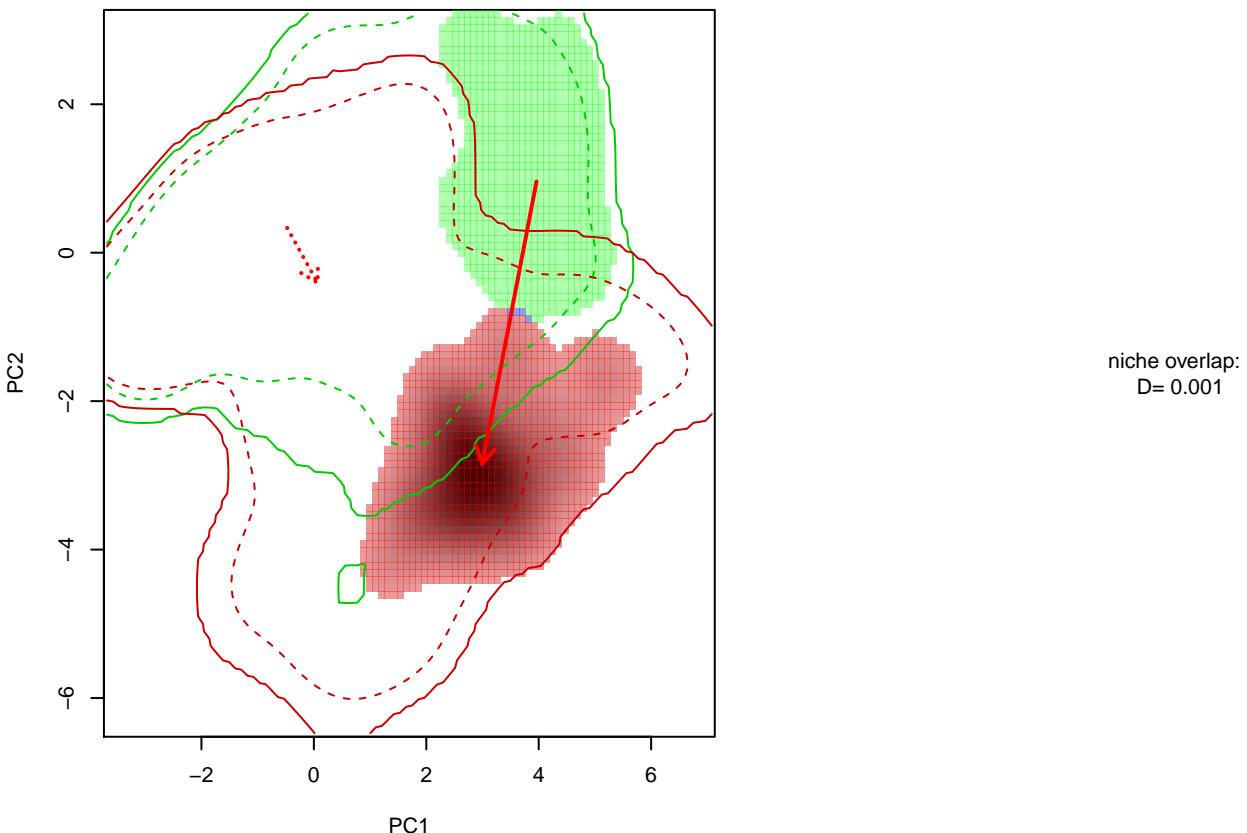
**Similarity 2→1**



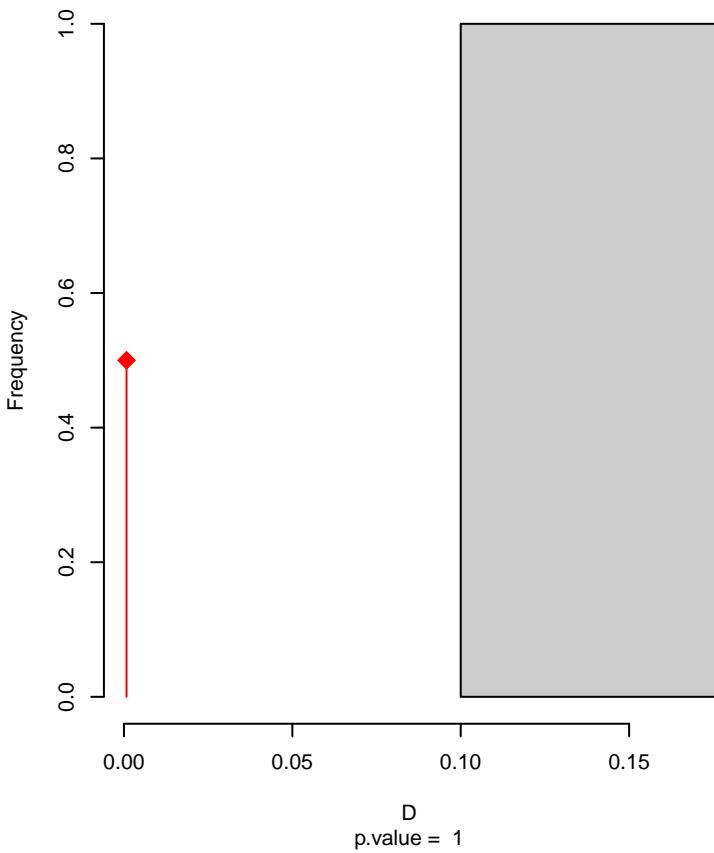
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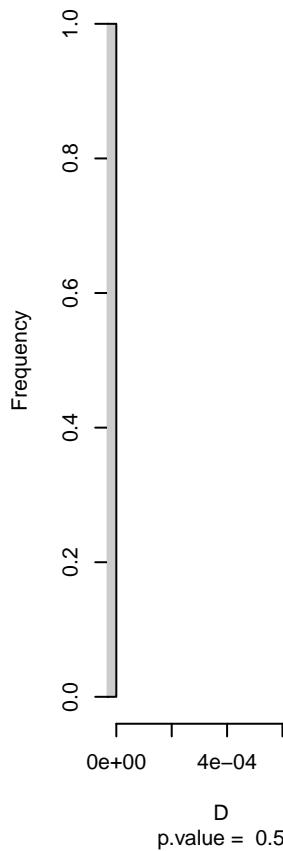
# *Muscisaxicola\_frontalis* seasonal overlap-hypo wi



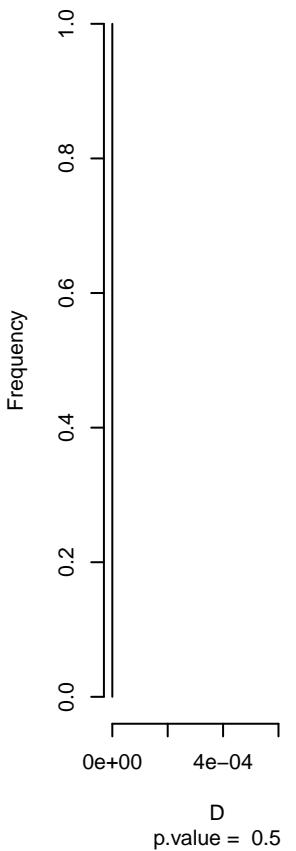
Equivalency



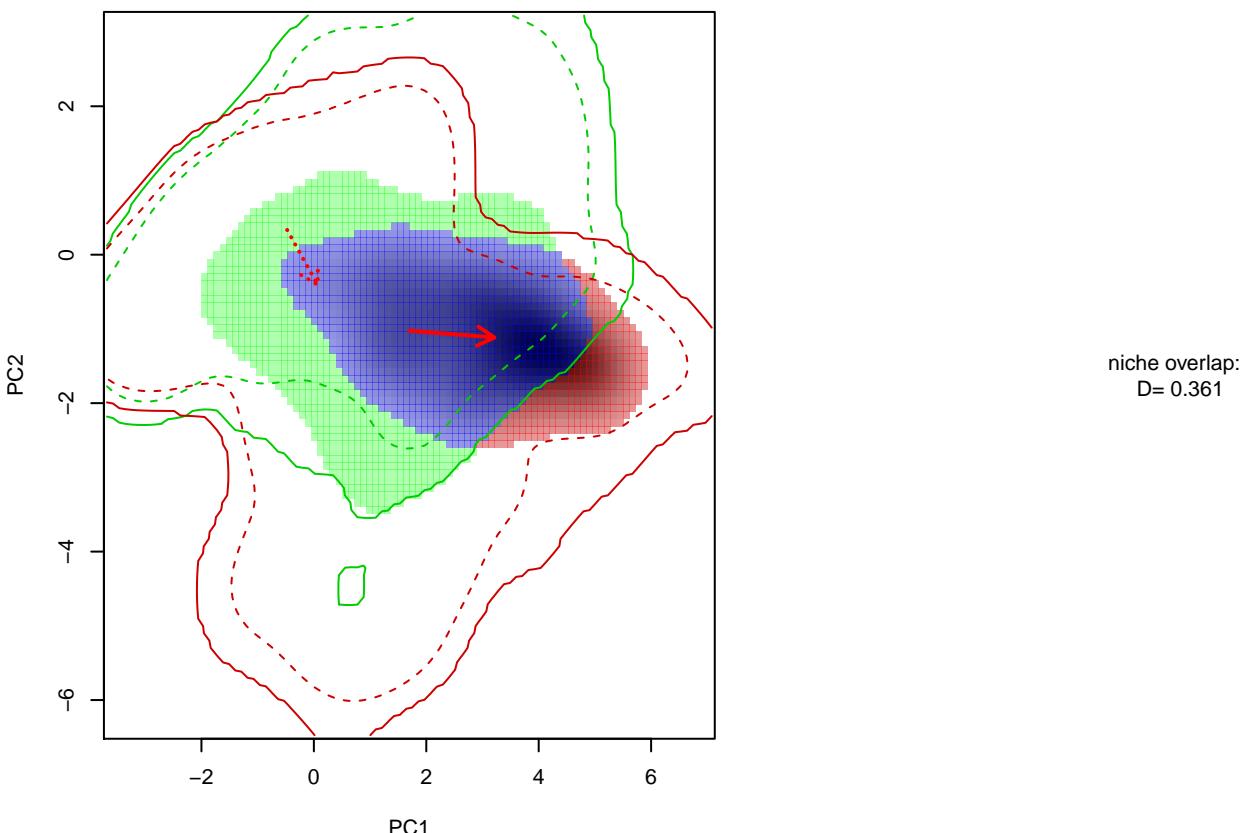
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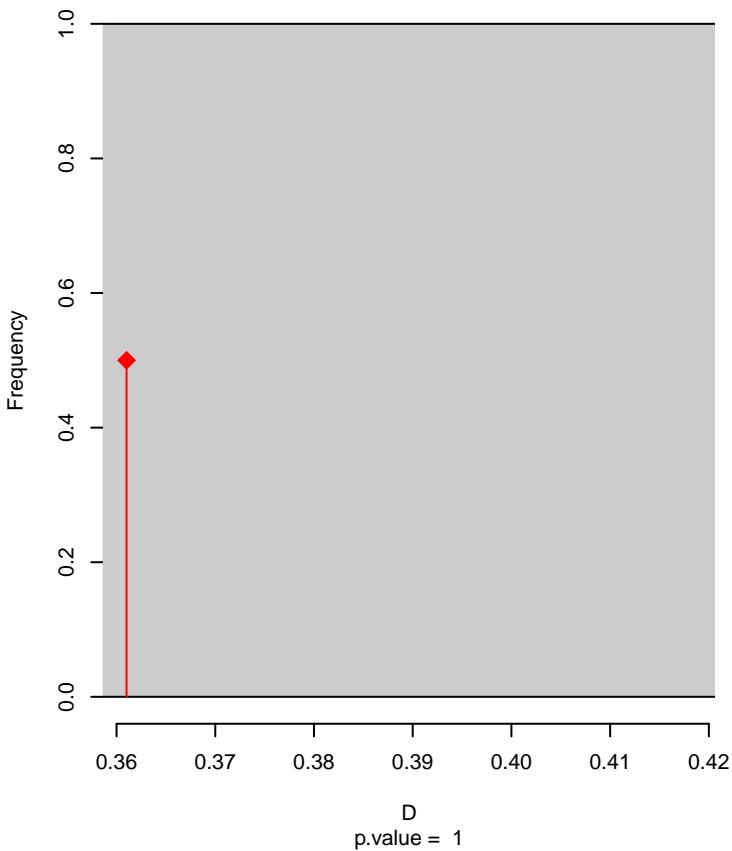
Similarity 1→2



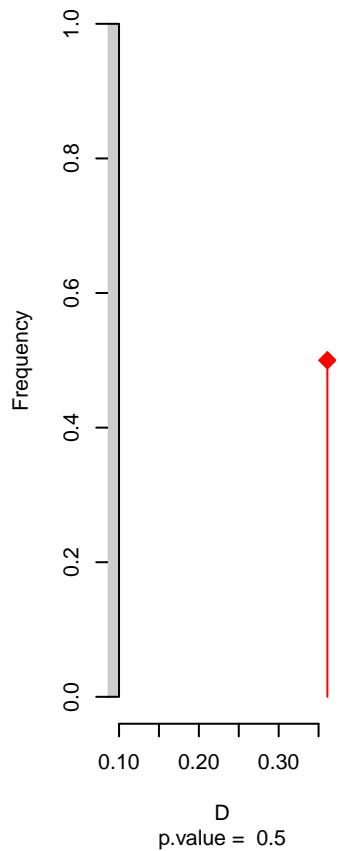
### Muscisaxicola\_griseus seasonal overlap



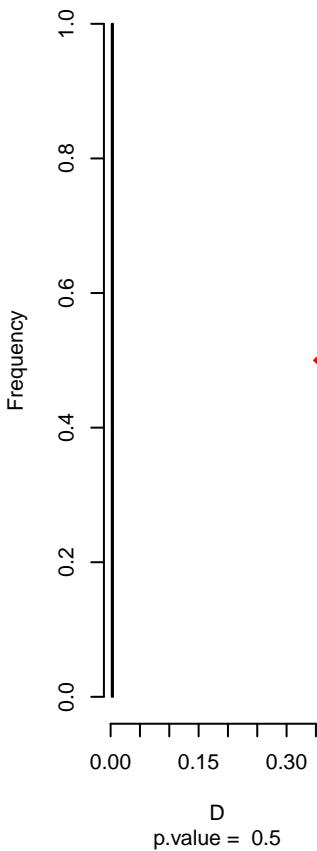
**Equivalency**



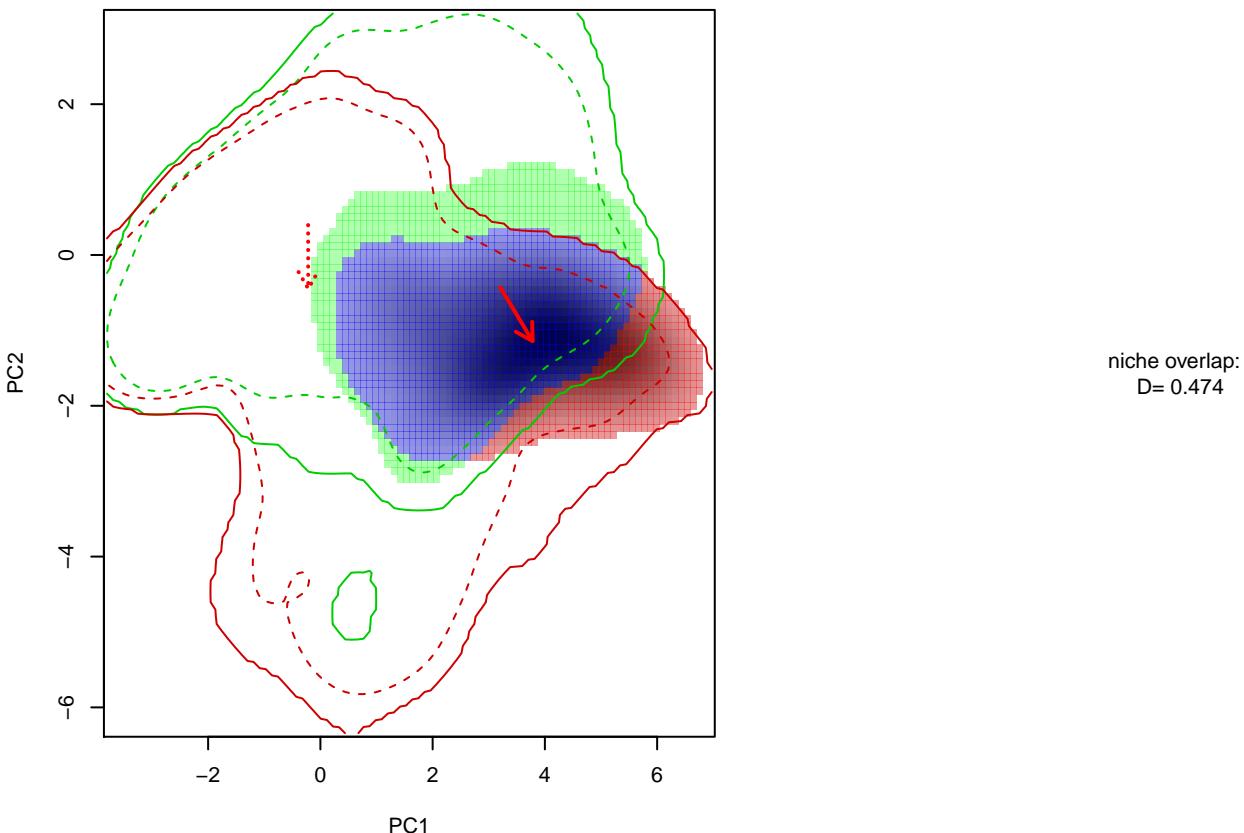
**Similarity 2→1**



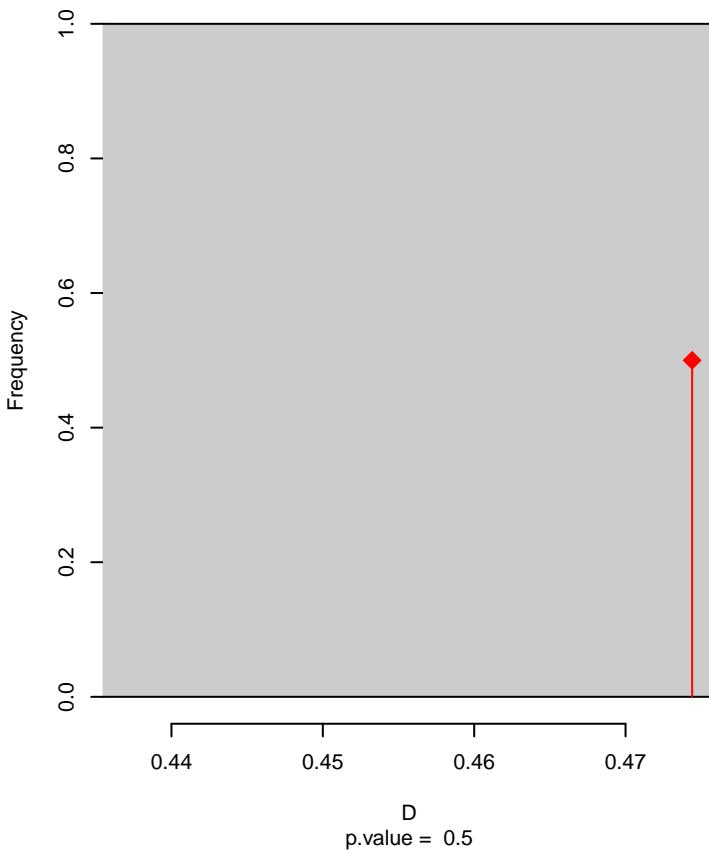
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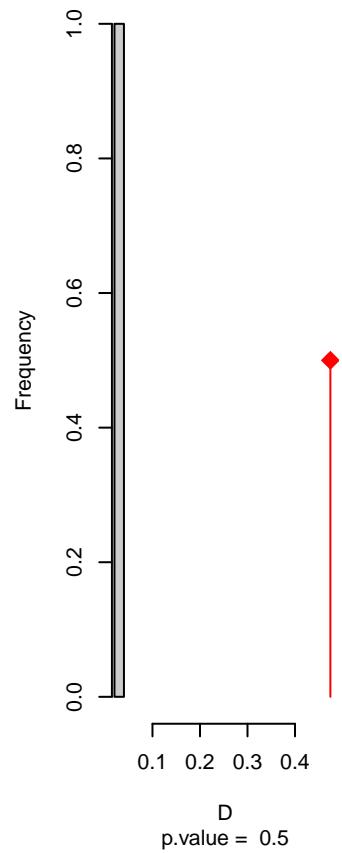
### Muscisaxicola\_juninensis seasonal overlap



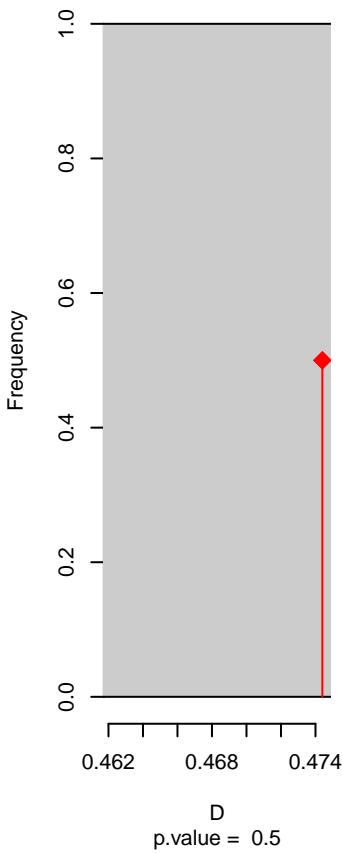
**Equivalency**



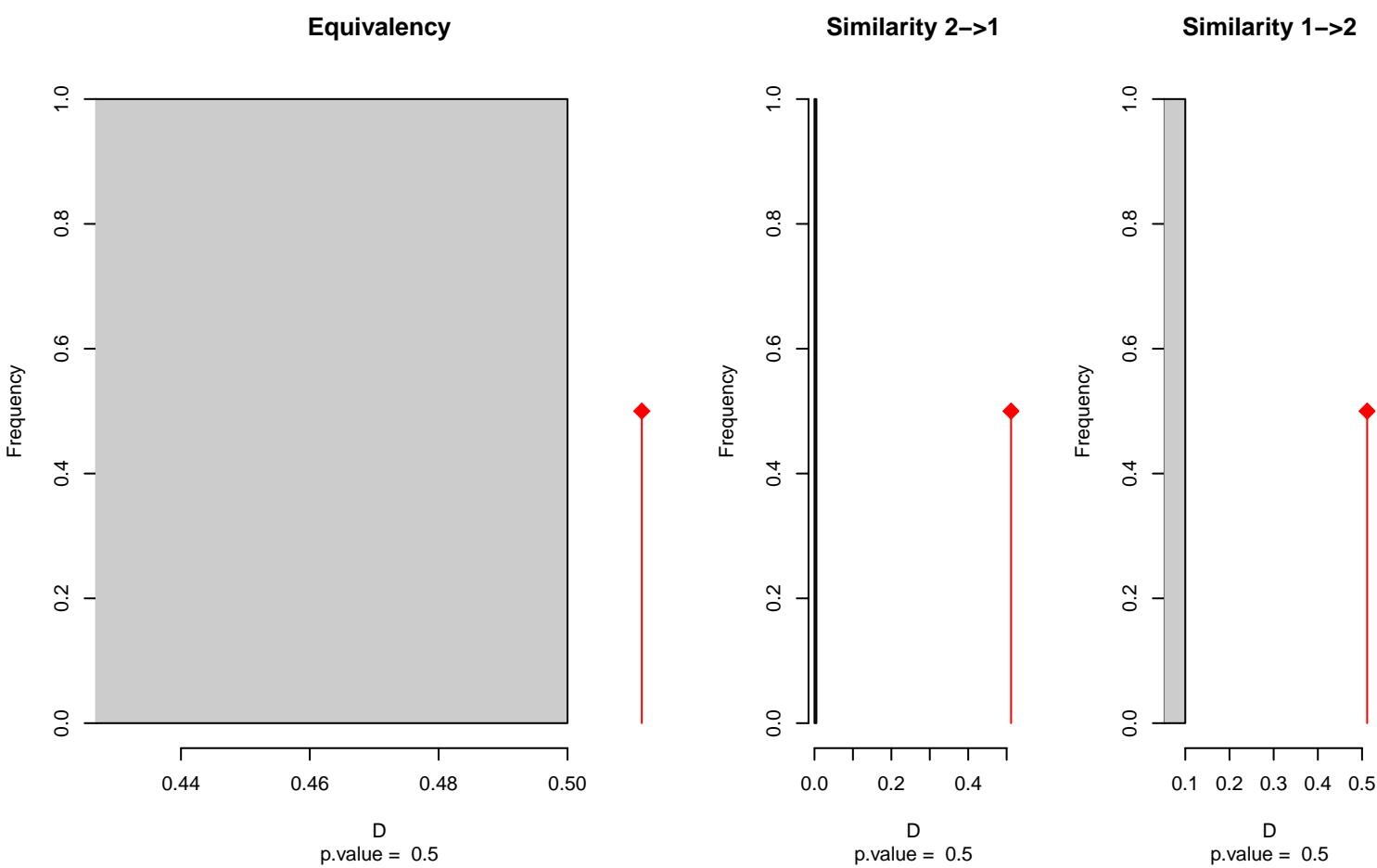
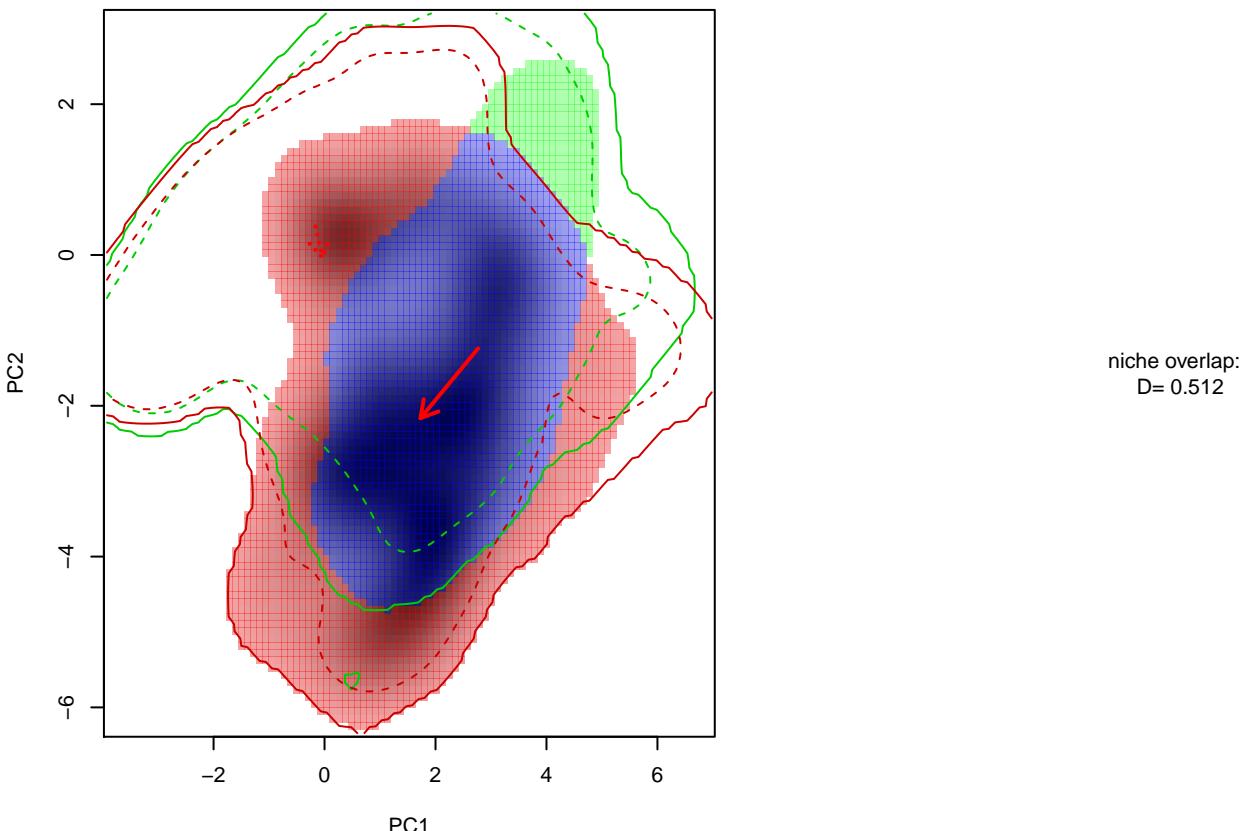
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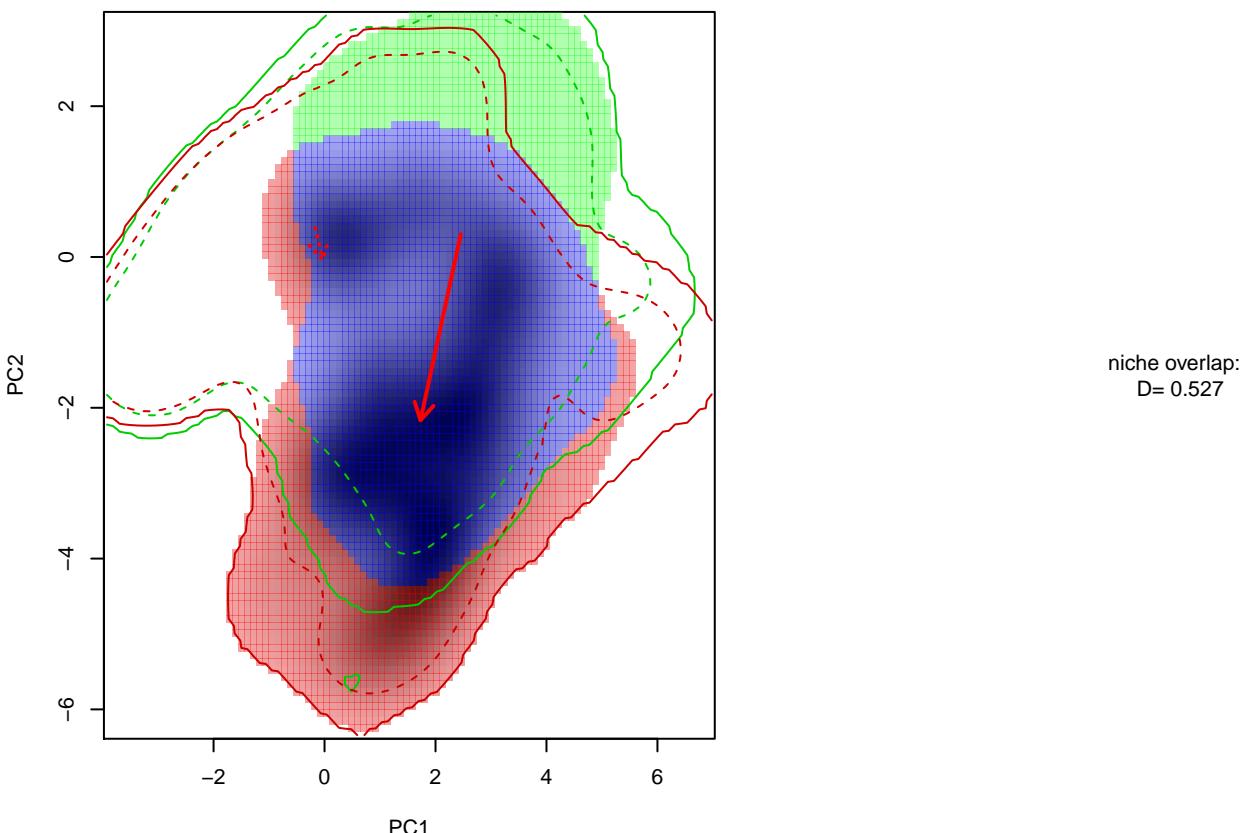
**Similarity 1→2**



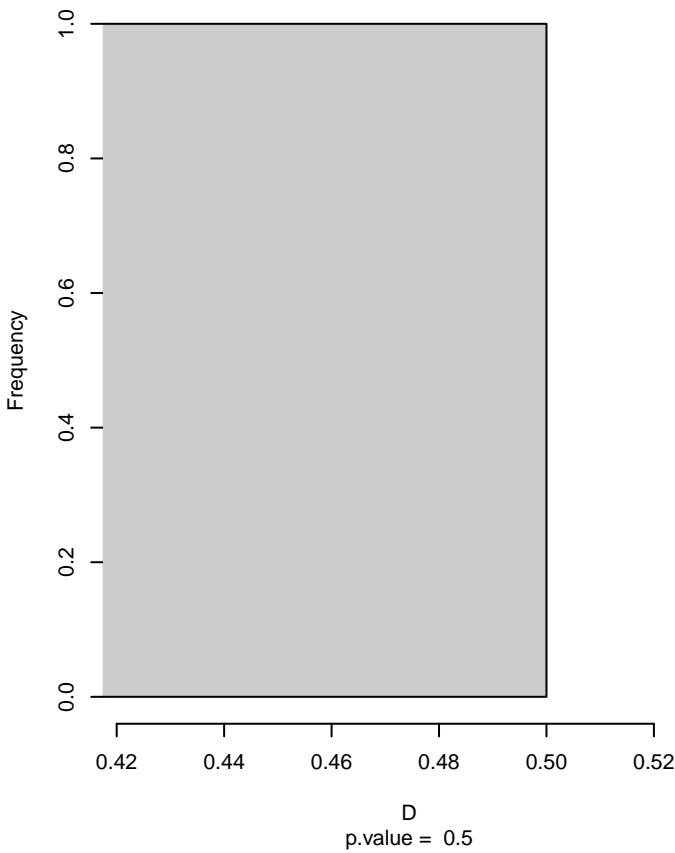
### *Muscisaxicola\_macleayanus* seasonal overlap



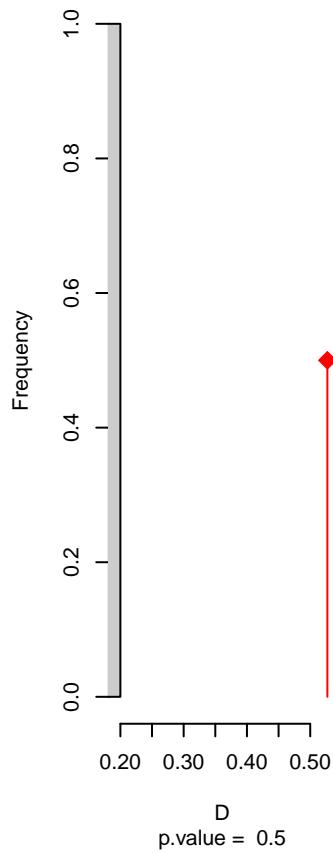
# Muscisaxicola\_maclovianus seasonal overlap-hypo.br



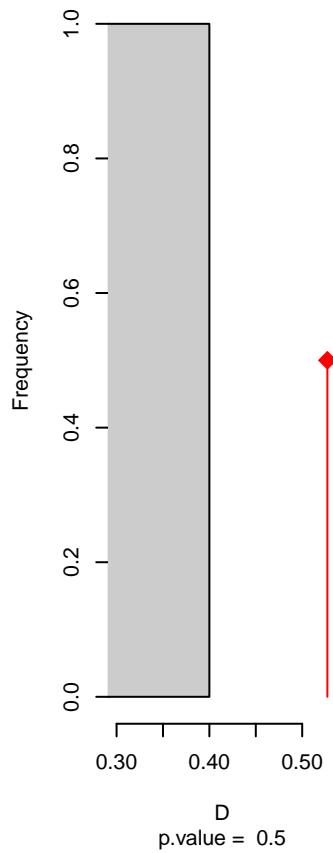
**Equivalency**



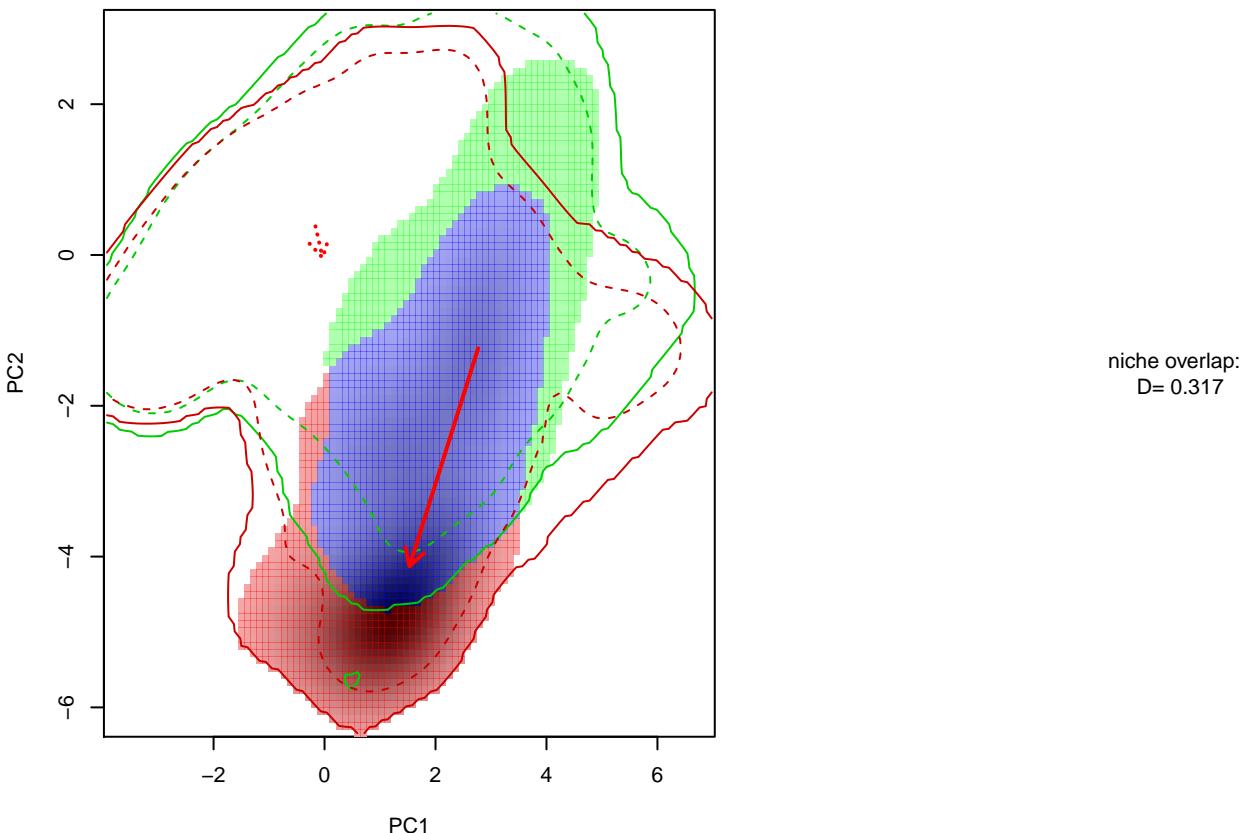
**Similarity 2→1**



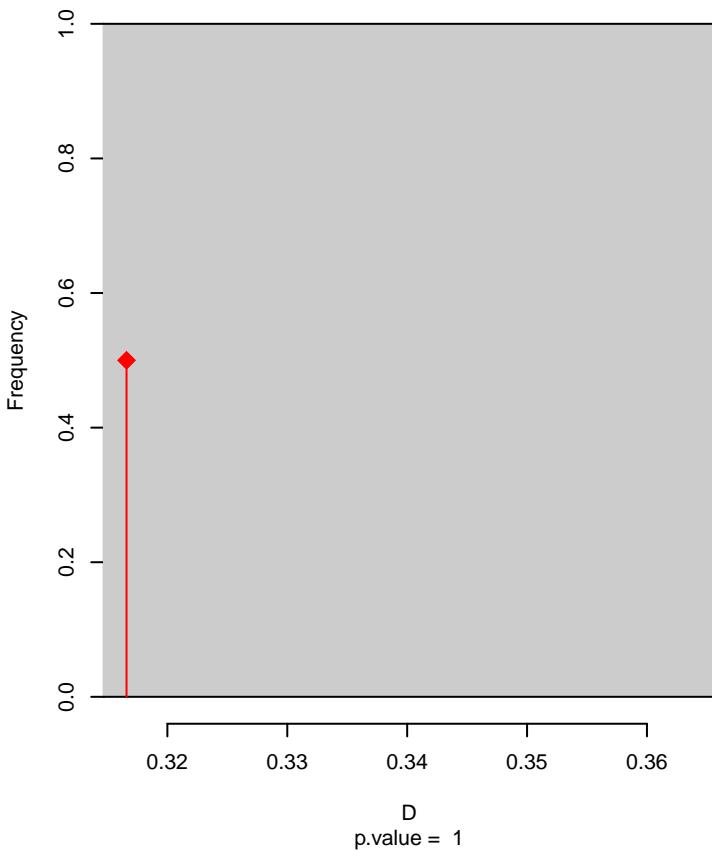
**Similarity 1→2**



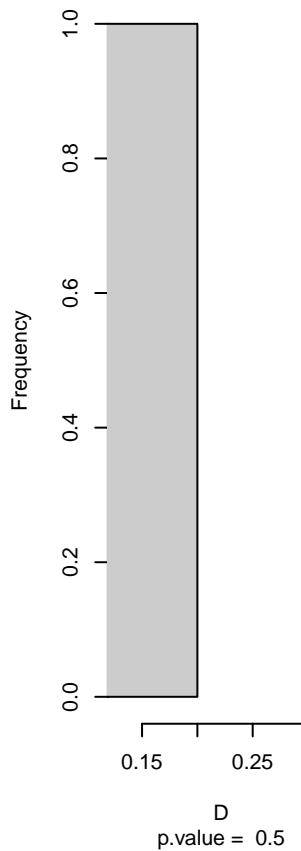
# *Muscisaxicola\_macleayanus* seasonal overlap-hypo wi



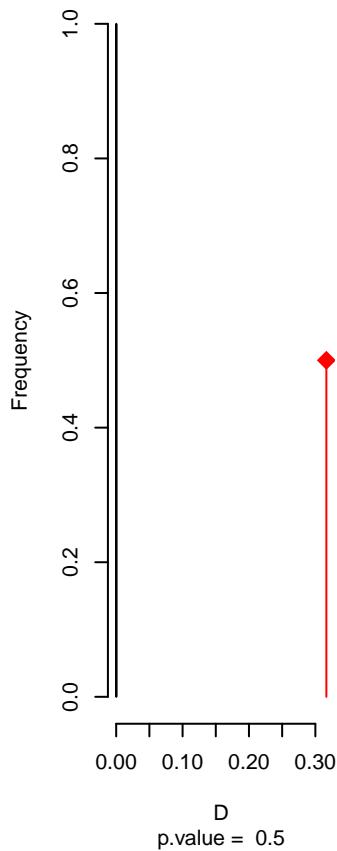
Equivalency



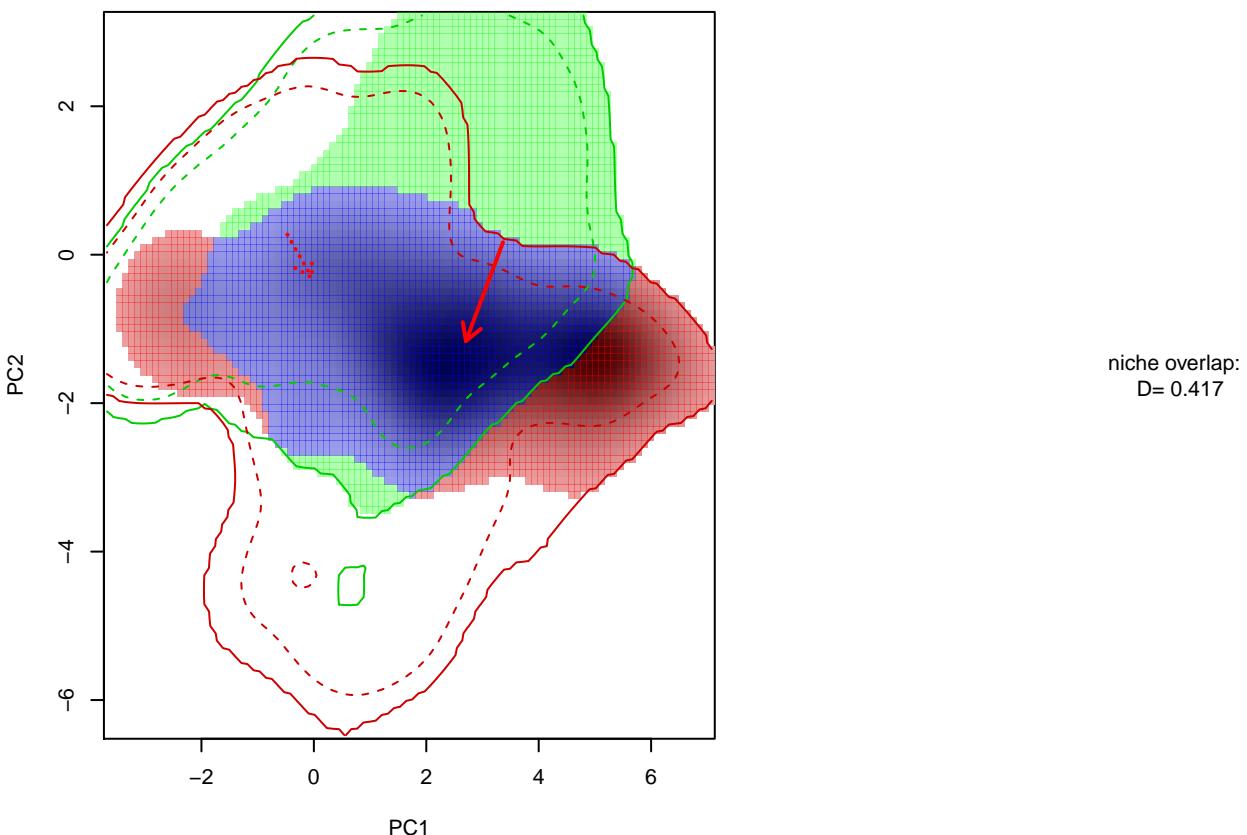
Similarity 2→1



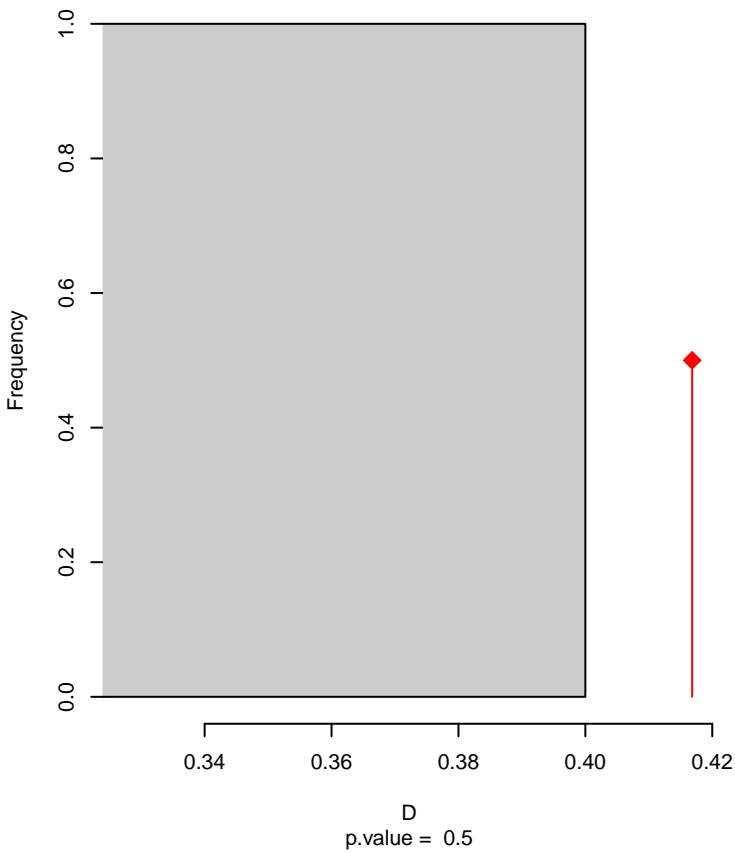
Similarity 1→2



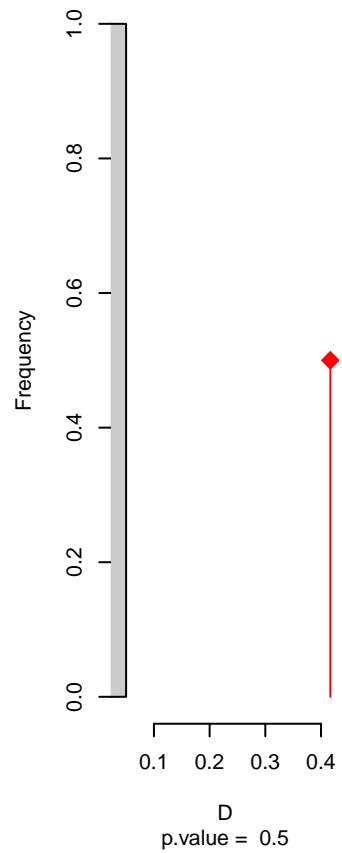
### Muscisaxicola\_maculirostris seasonal overlap



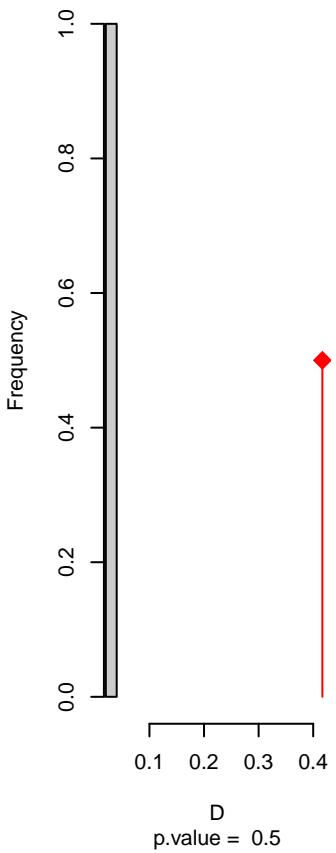
**Equivalency**



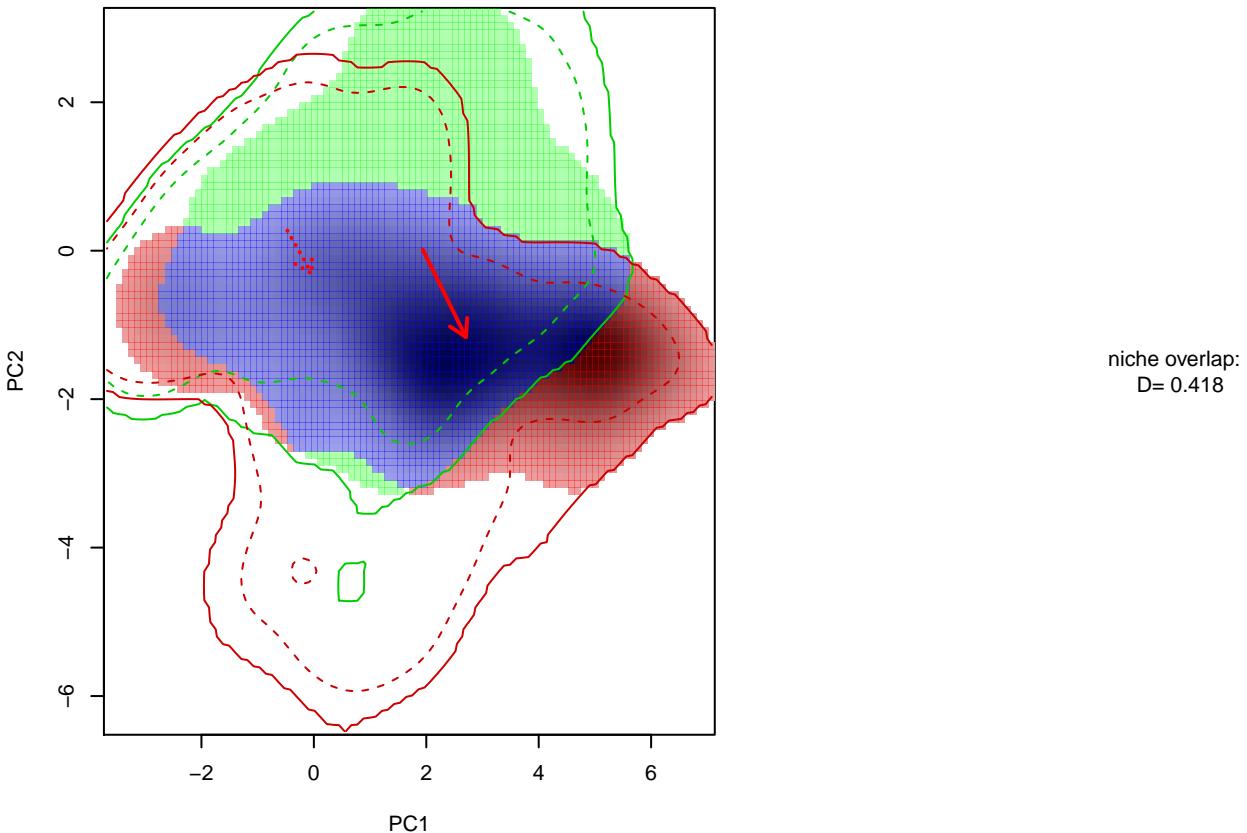
**Similarity 2→1**



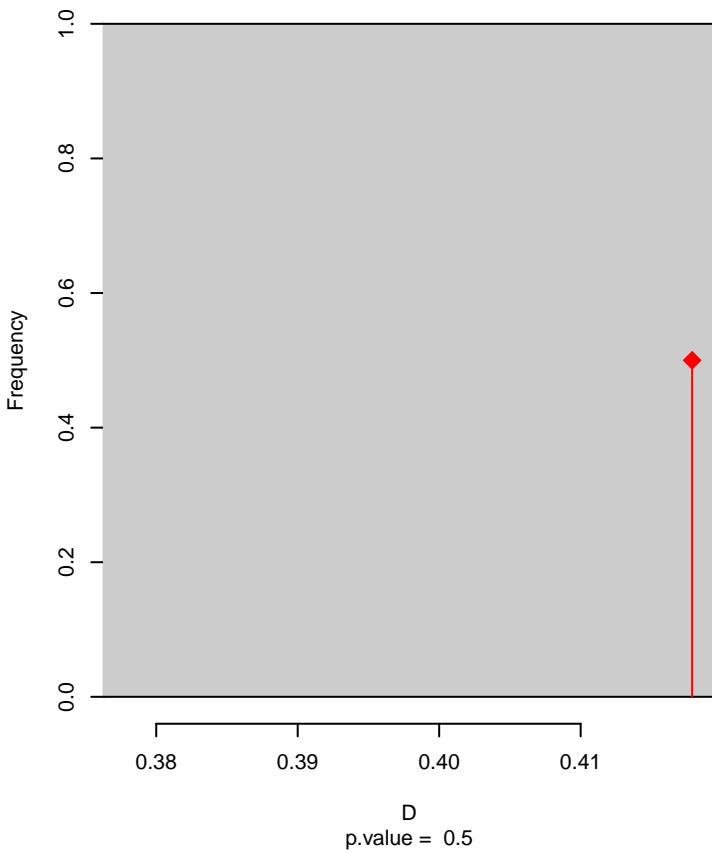
**Similarity 1→2**



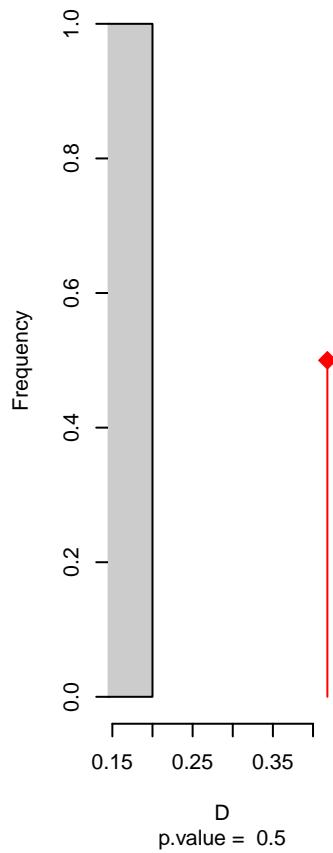
# Muscisaxicola\_maculirostris seasonal overlap-hypo.br



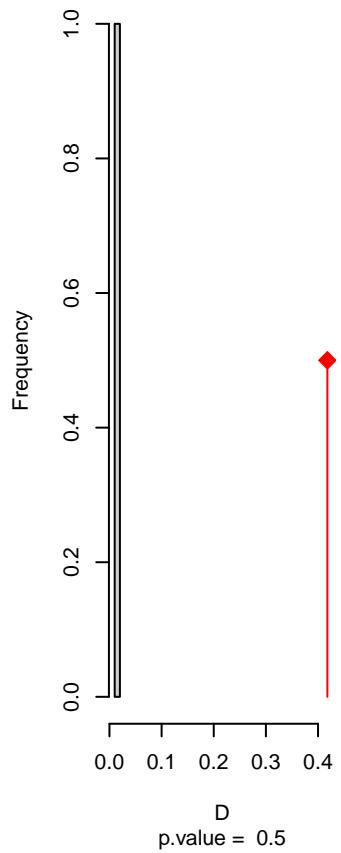
**Equivalency**



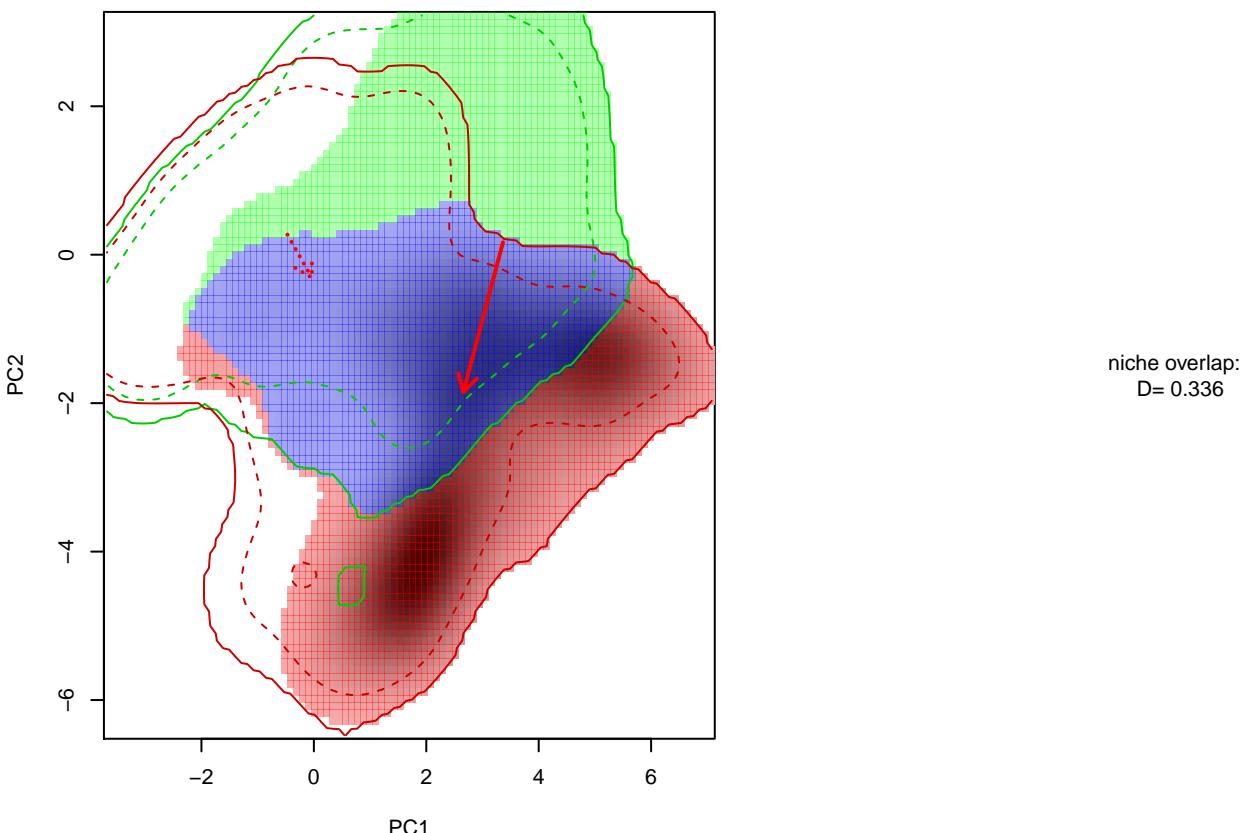
**Similarity 2→1**



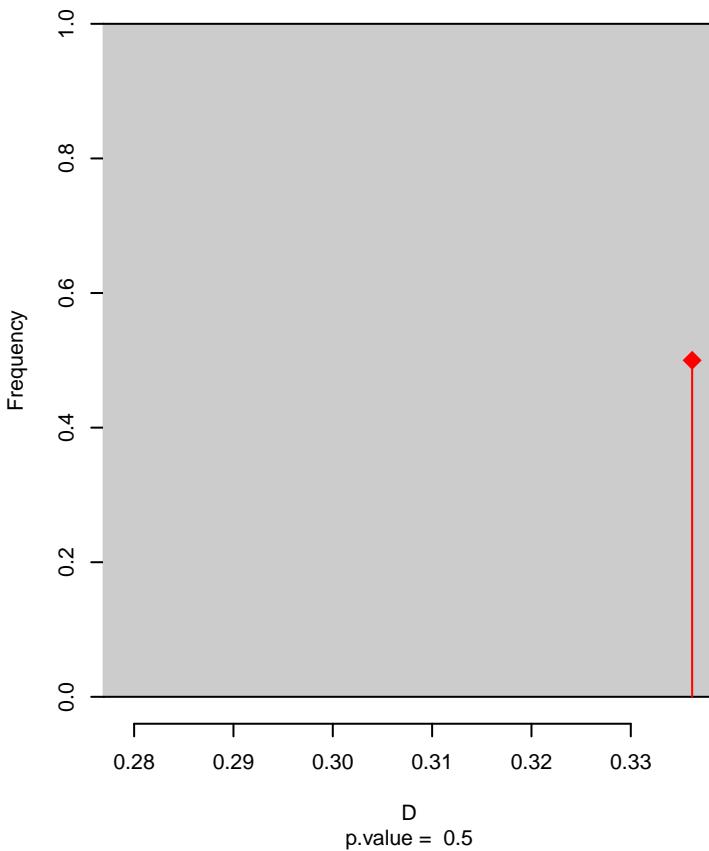
**Similarity 1→2**



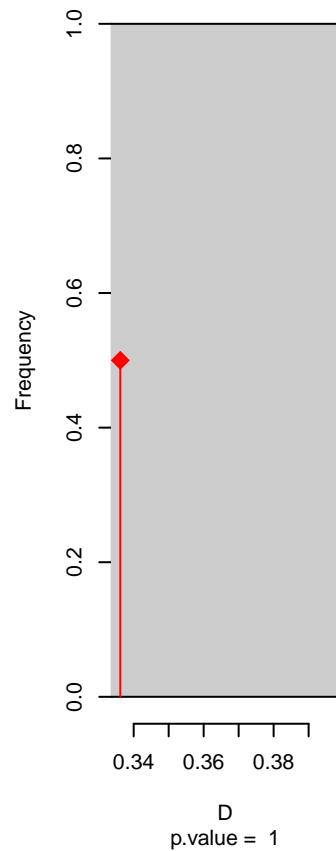
# *Muscisaxicola\_maculirostris* seasonal overlap-hypo wi



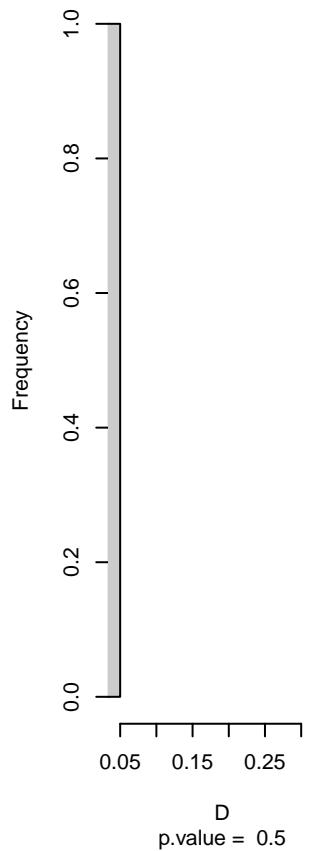
Equivalency



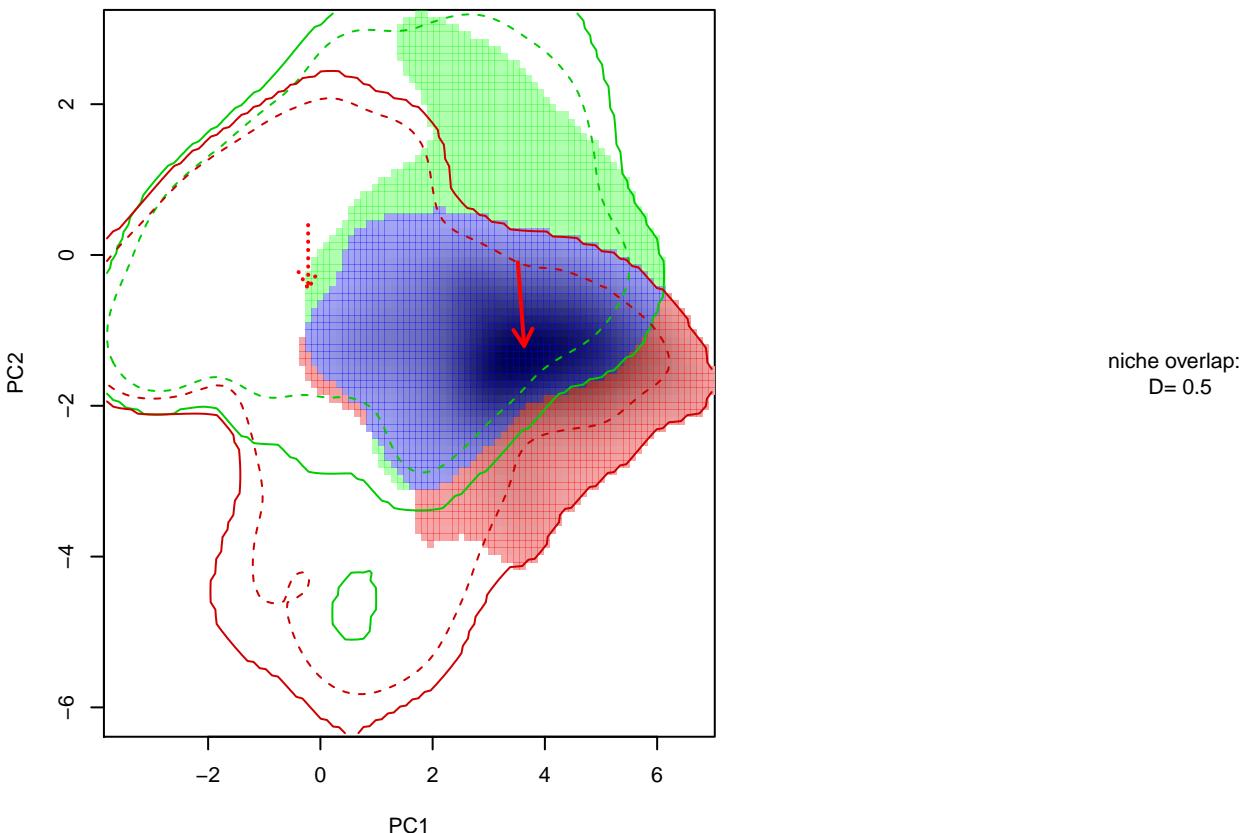
Similarity 2→1



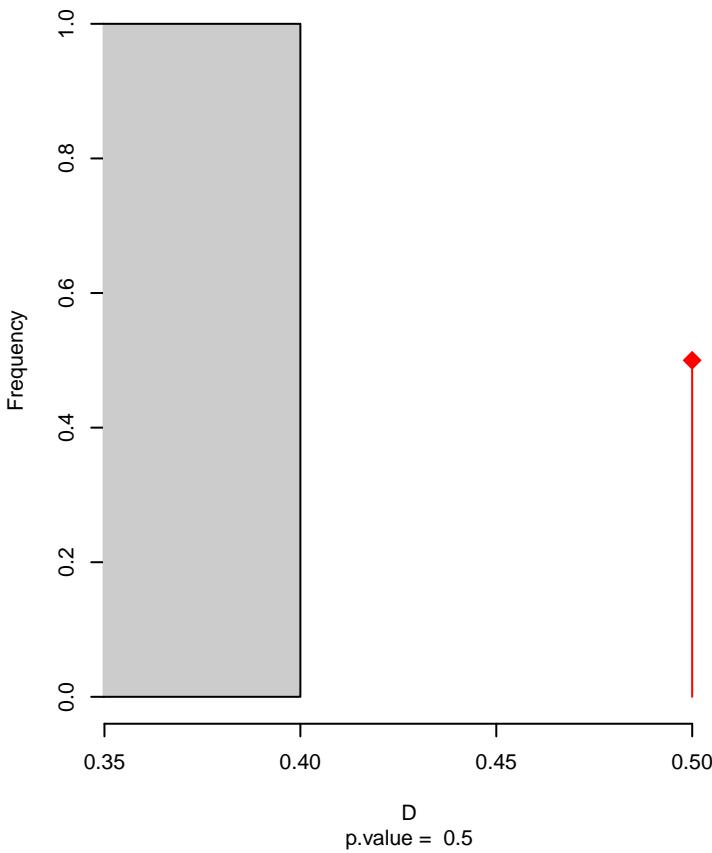
Similarity 1→2



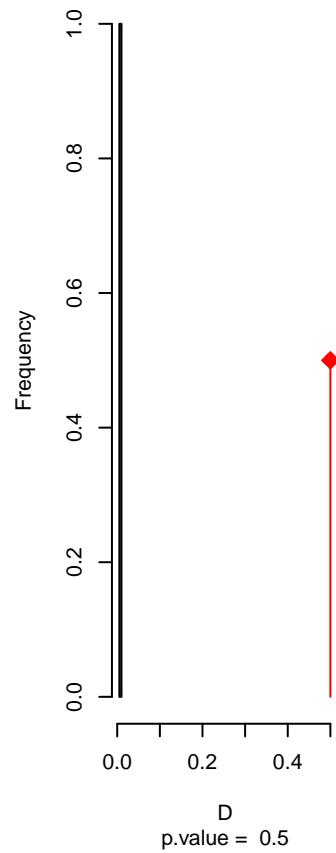
### Muscisaxicola\_rufivertex seasonal overlap



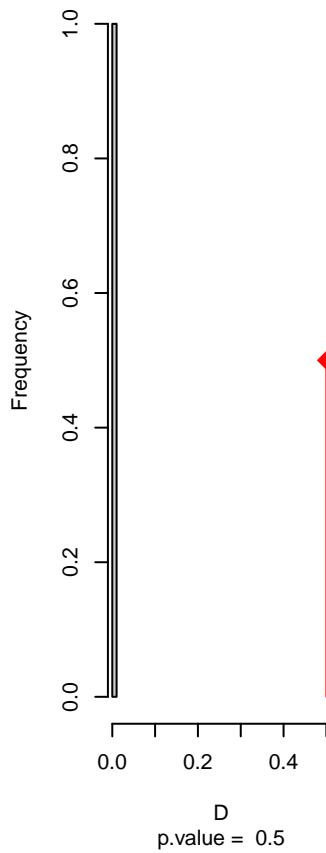
**Equivalency**



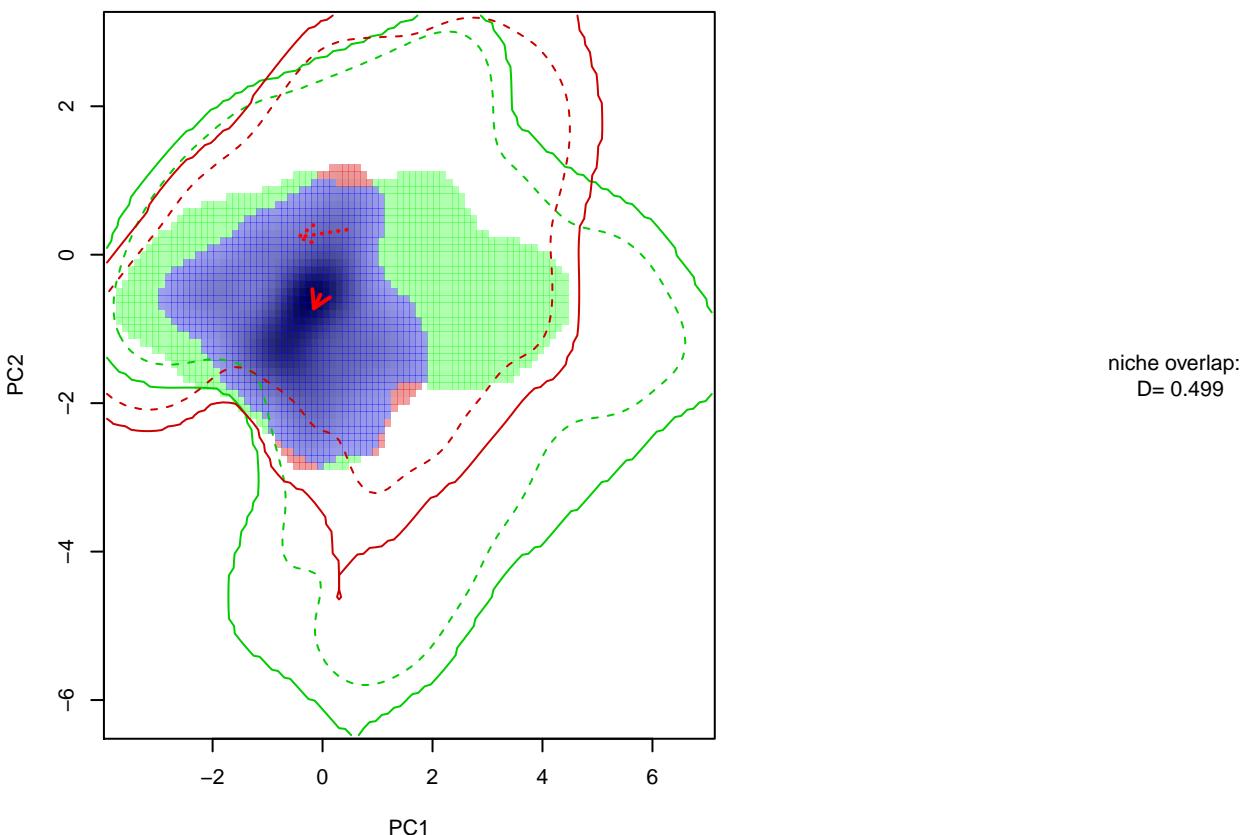
**Similarity 2→1**



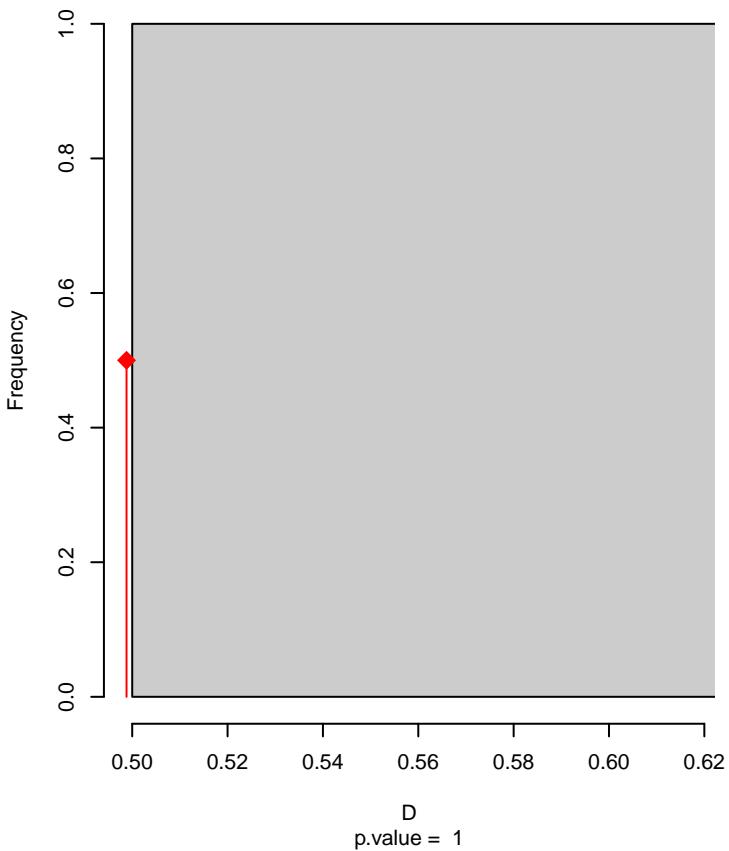
**Similarity 1→2**



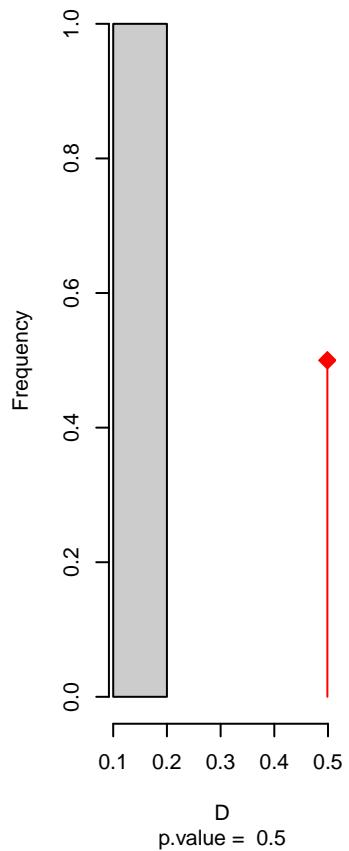
### *Myiotheretes\_fumigatus* seasonal overlap



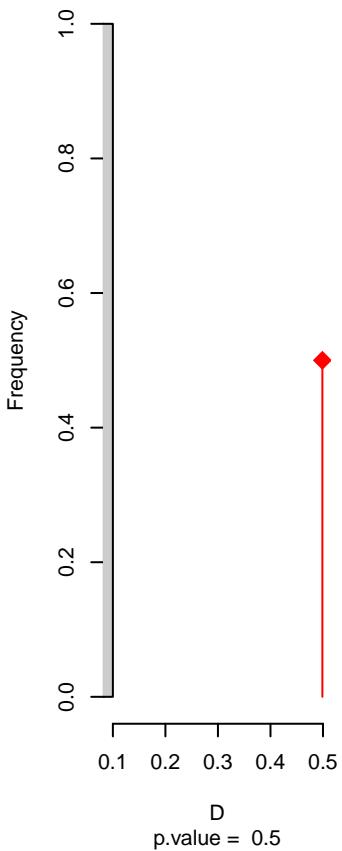
Equivalency



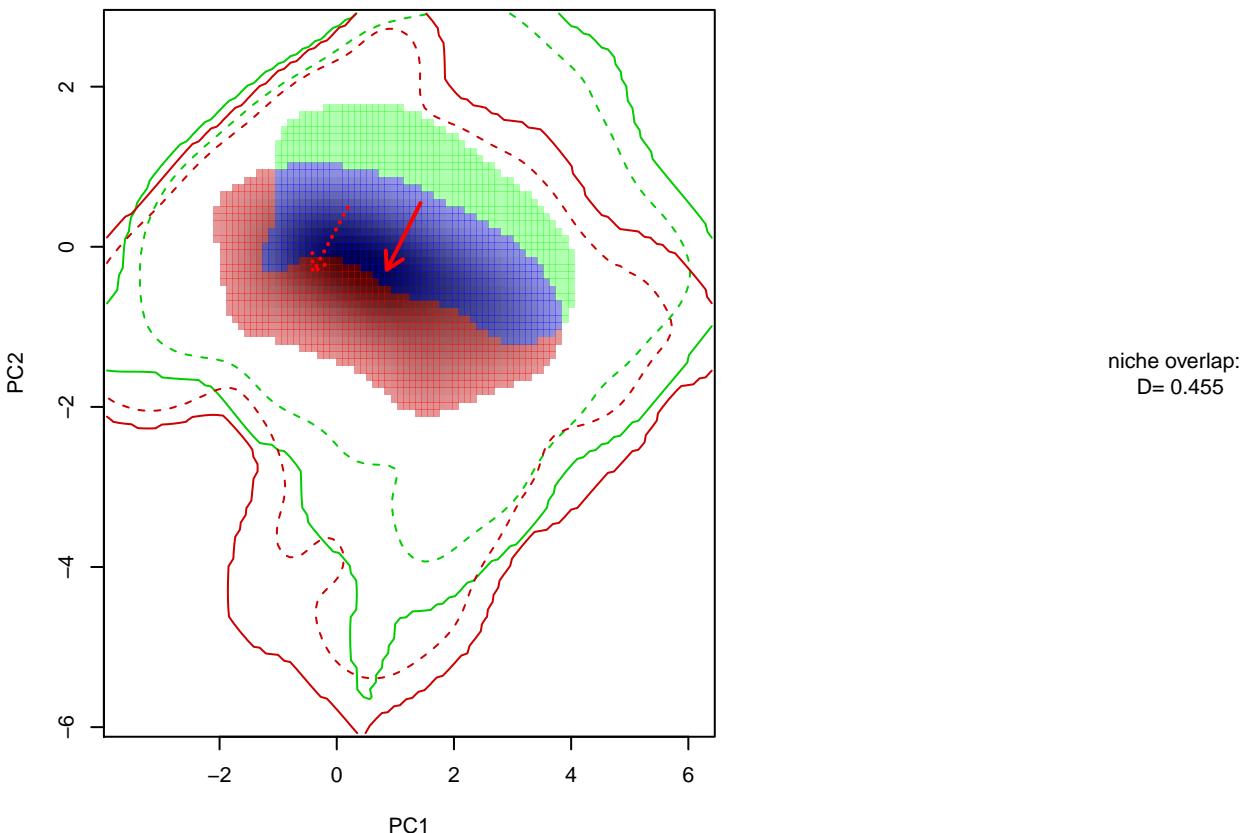
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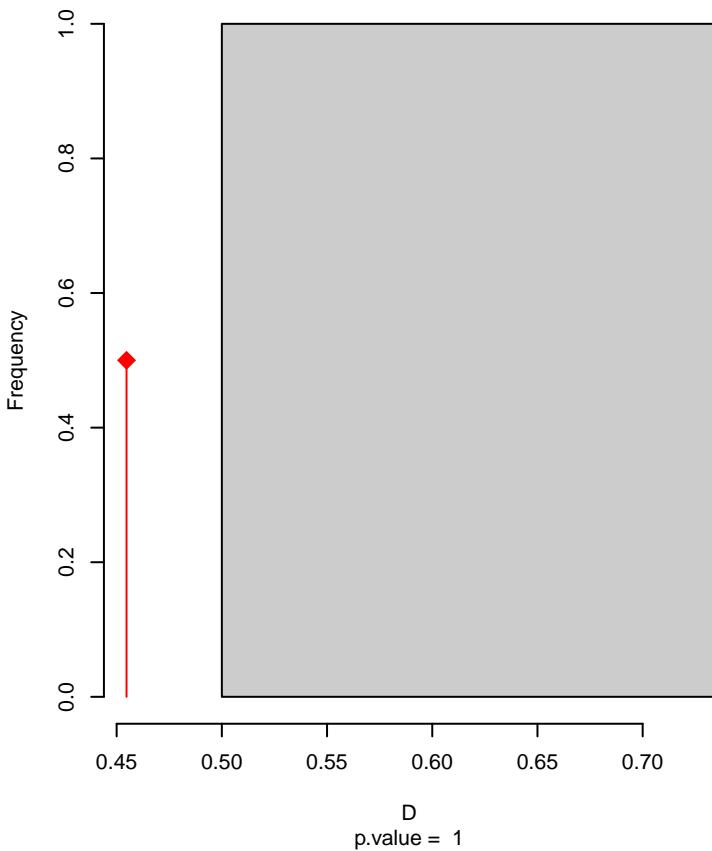
Similarity 1→2



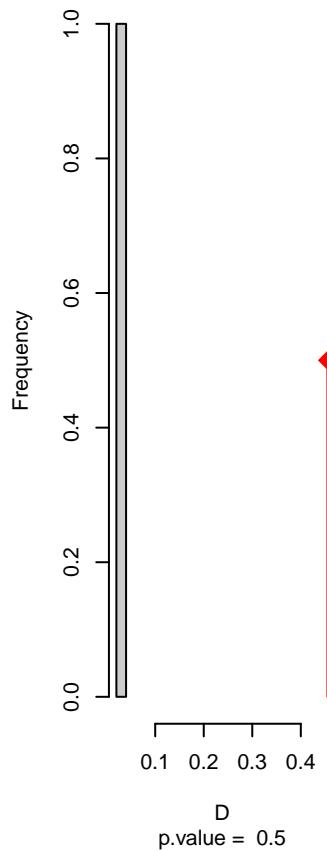
### **Myiotheretes\_fuscorufus seasonal overlap**



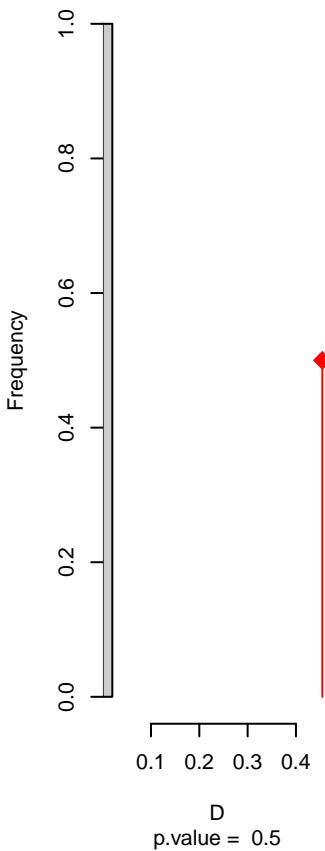
**Equivalency**



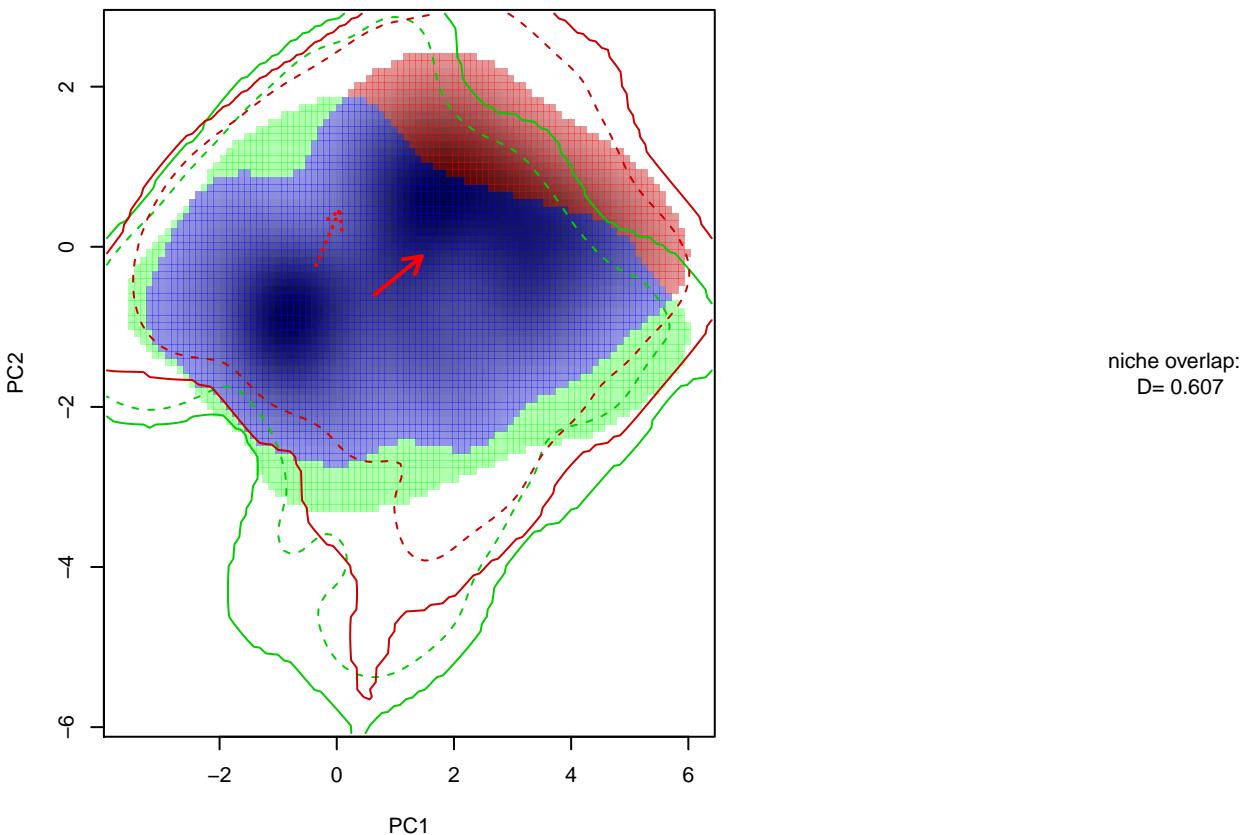
**Similarity 2→1**



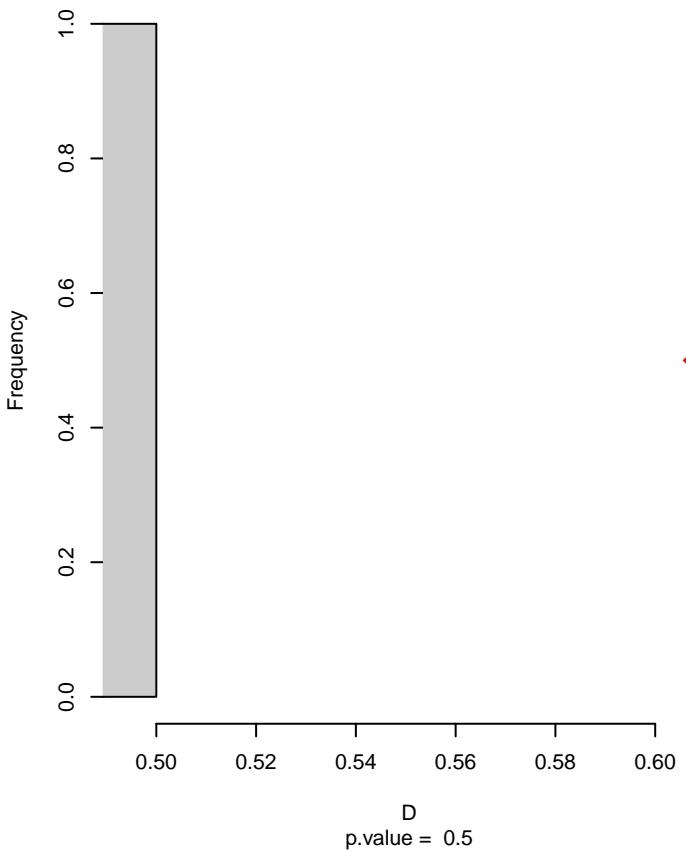
**Similarity 1→2**



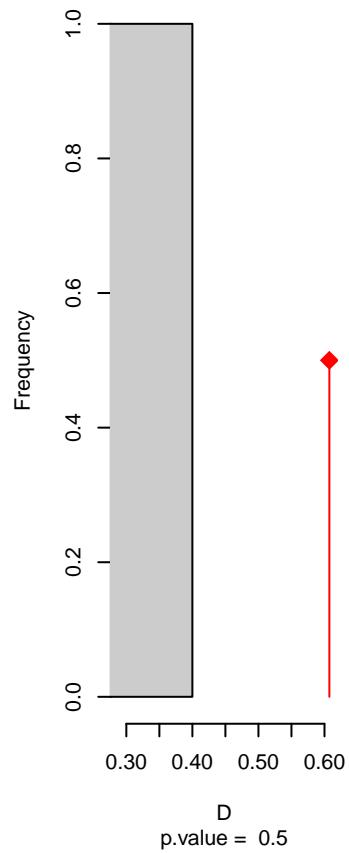
### *Myiotheretes\_striaticollis* seasonal overlap



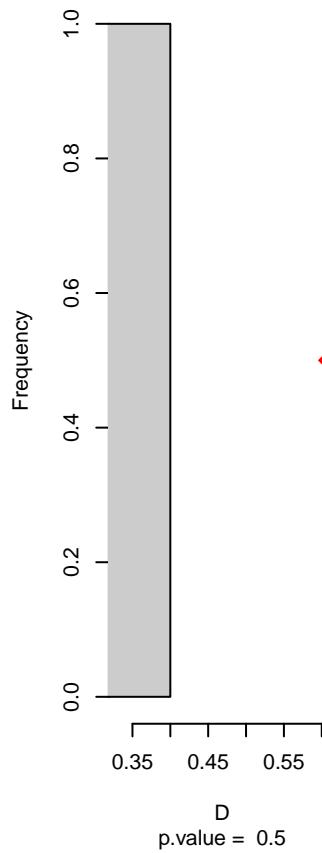
**Equivalency**



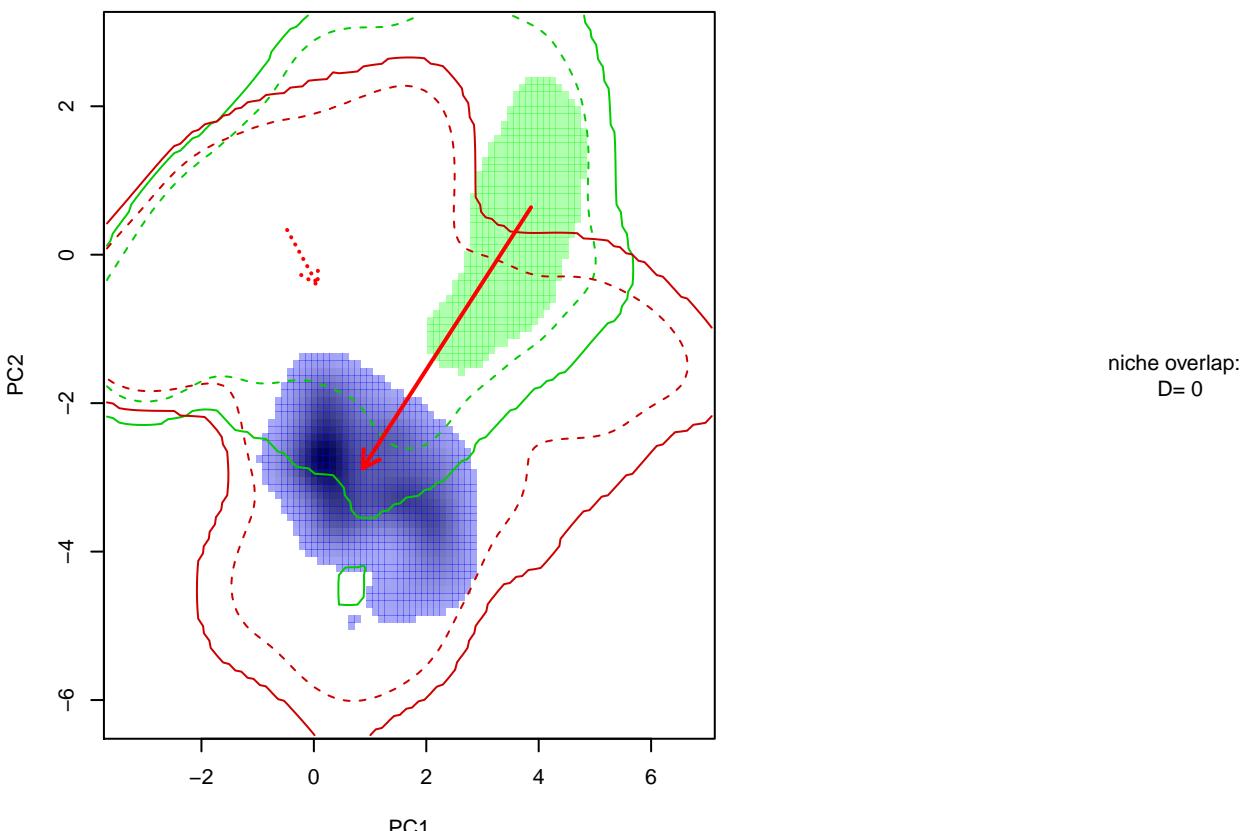
**Similarity 2→1**



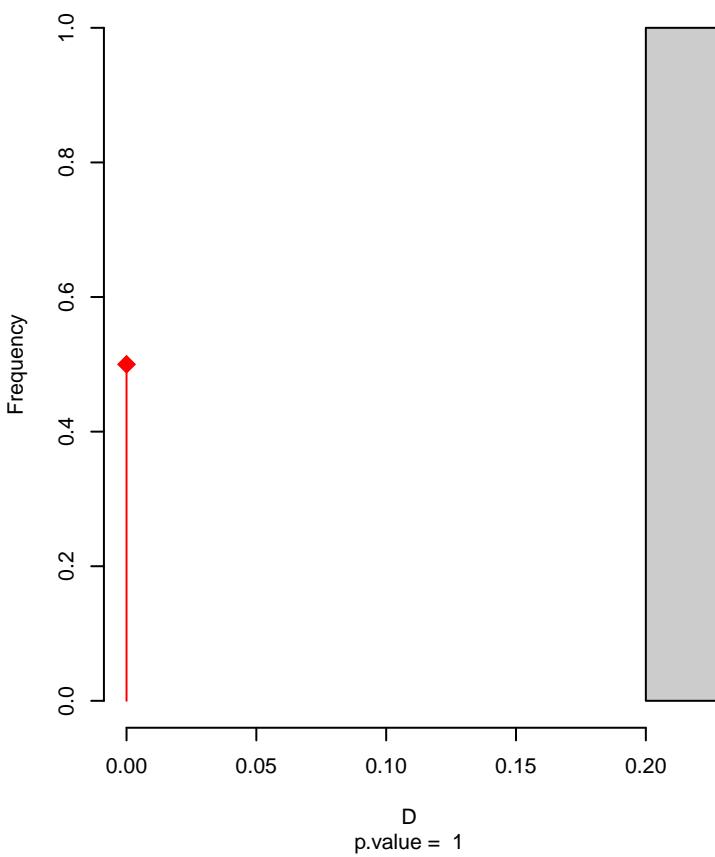
**Similarity 1→2**



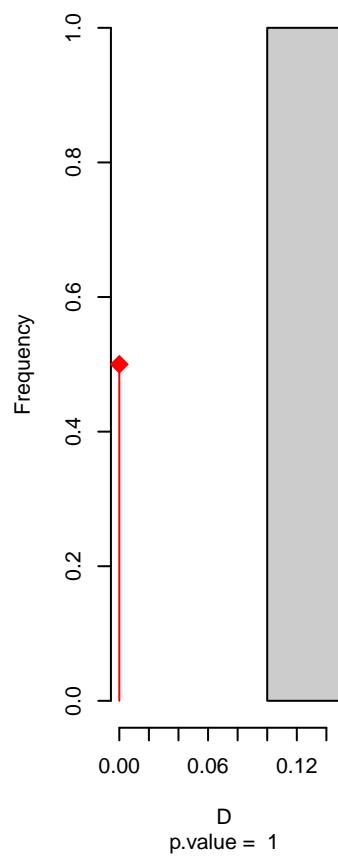
### Neoxolmis\_rufiventris seasonal overlap



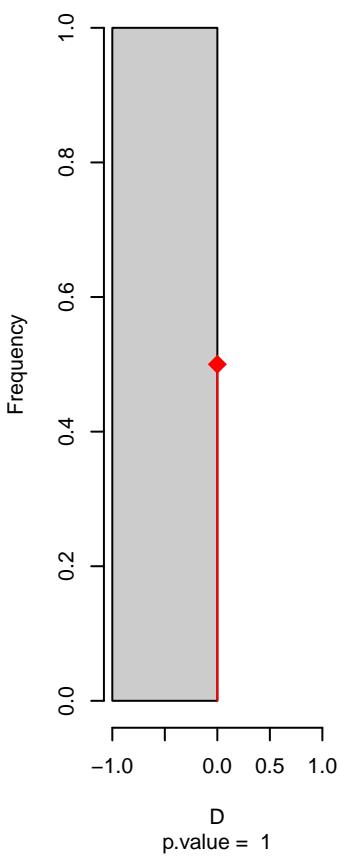
**Equivalency**



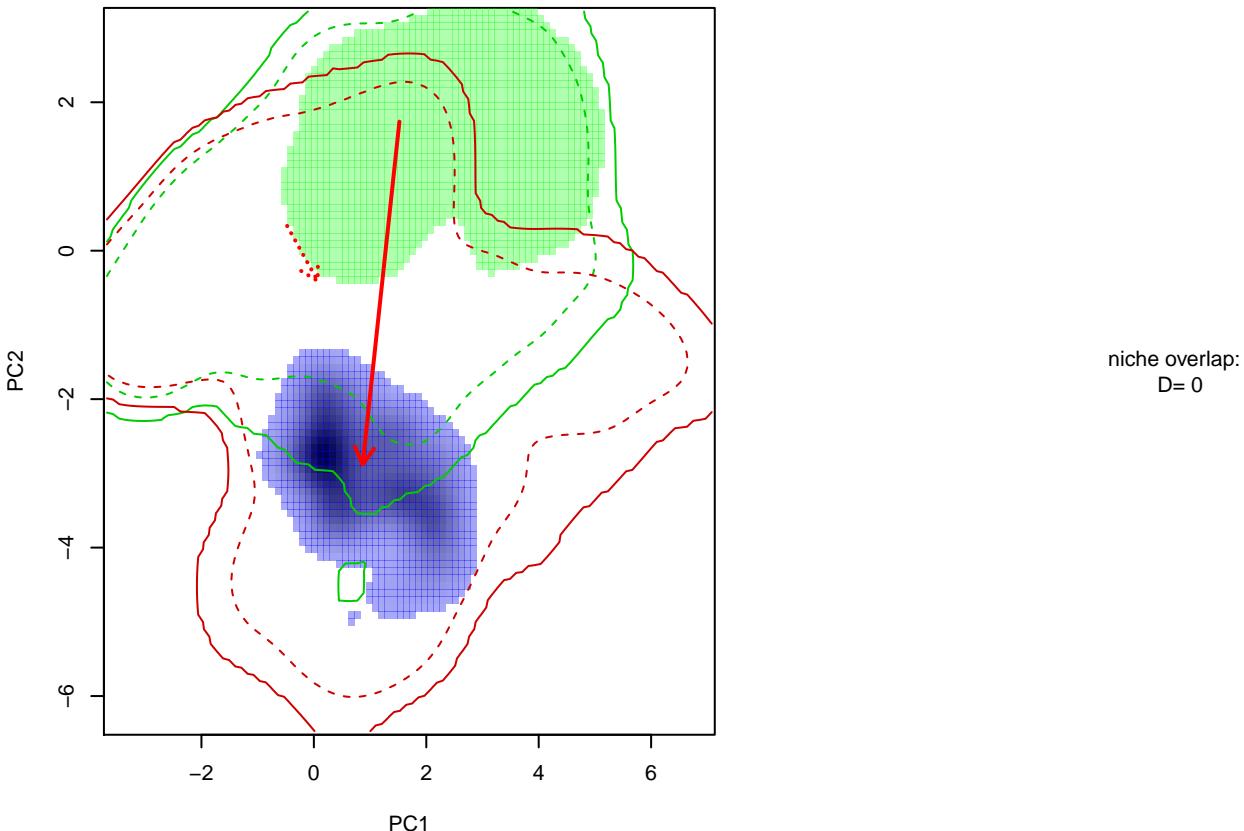
**Similarity 2→1**



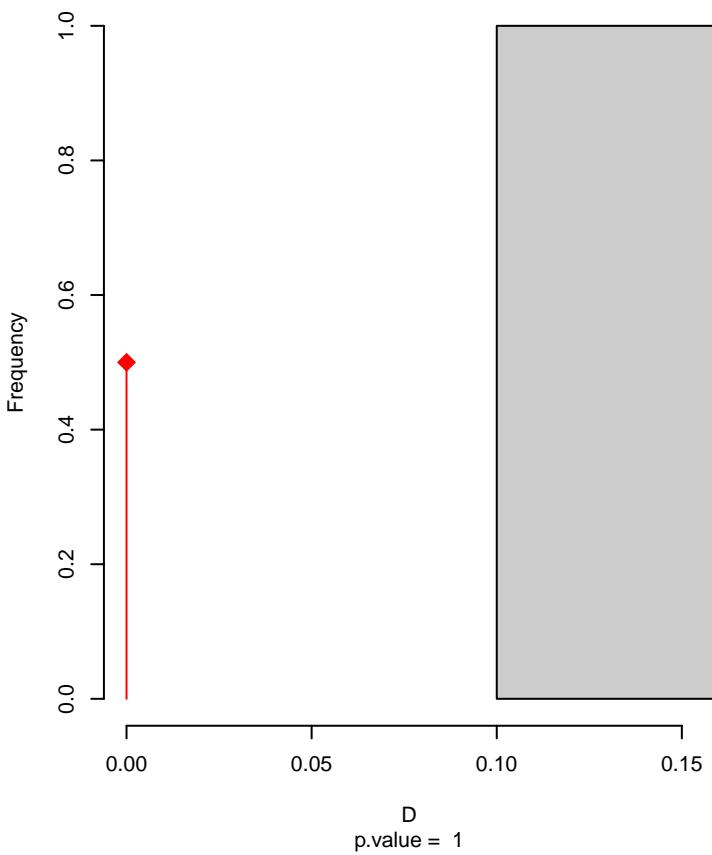
**Similarity 1→2**



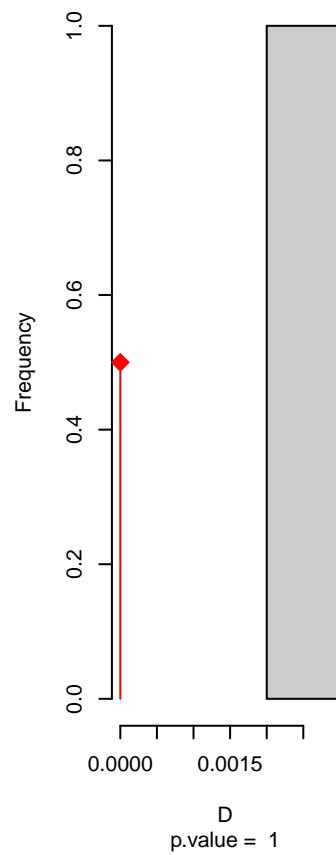
# Neoxolmis\_rufiventris seasonal overlap-hypo.br



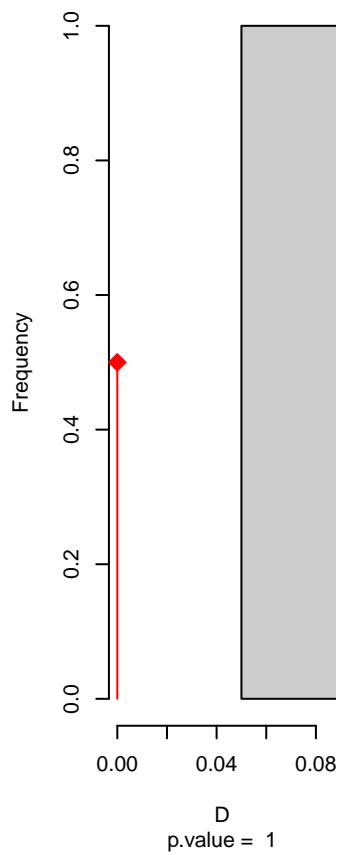
**Equivalency**



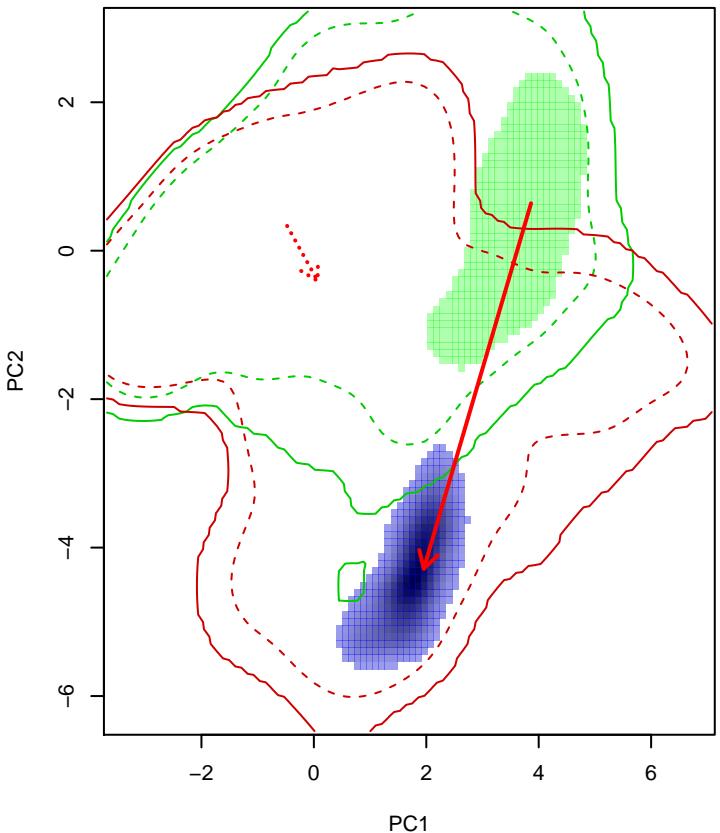
**Similarity 2→1**



**Similarity 1→2**

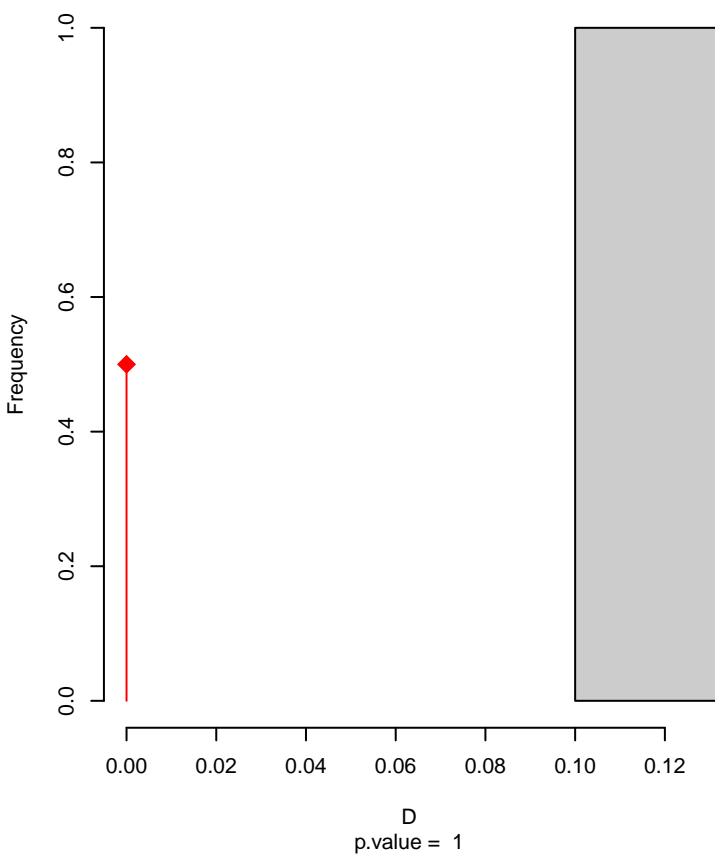


# Neoxolmis\_rufiventris seasonal overlap-hypo wi

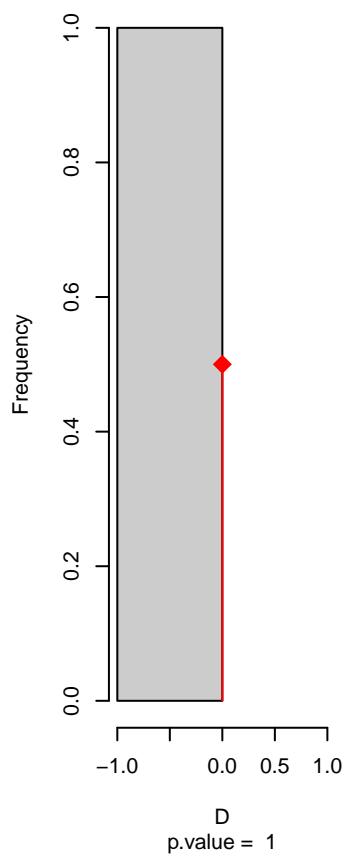


niche overlap:  
 $D = 0$

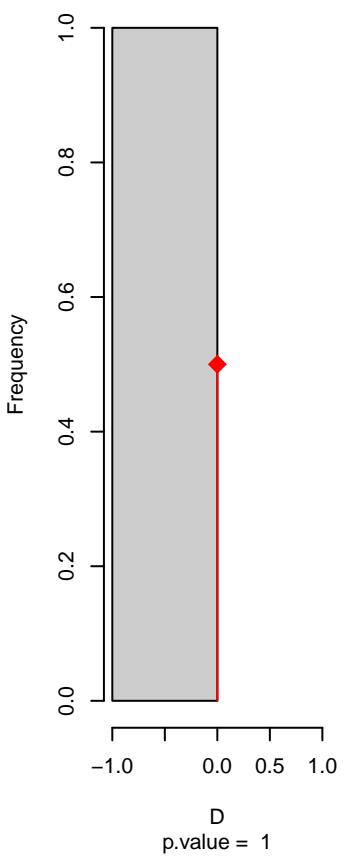
**Equivalency**



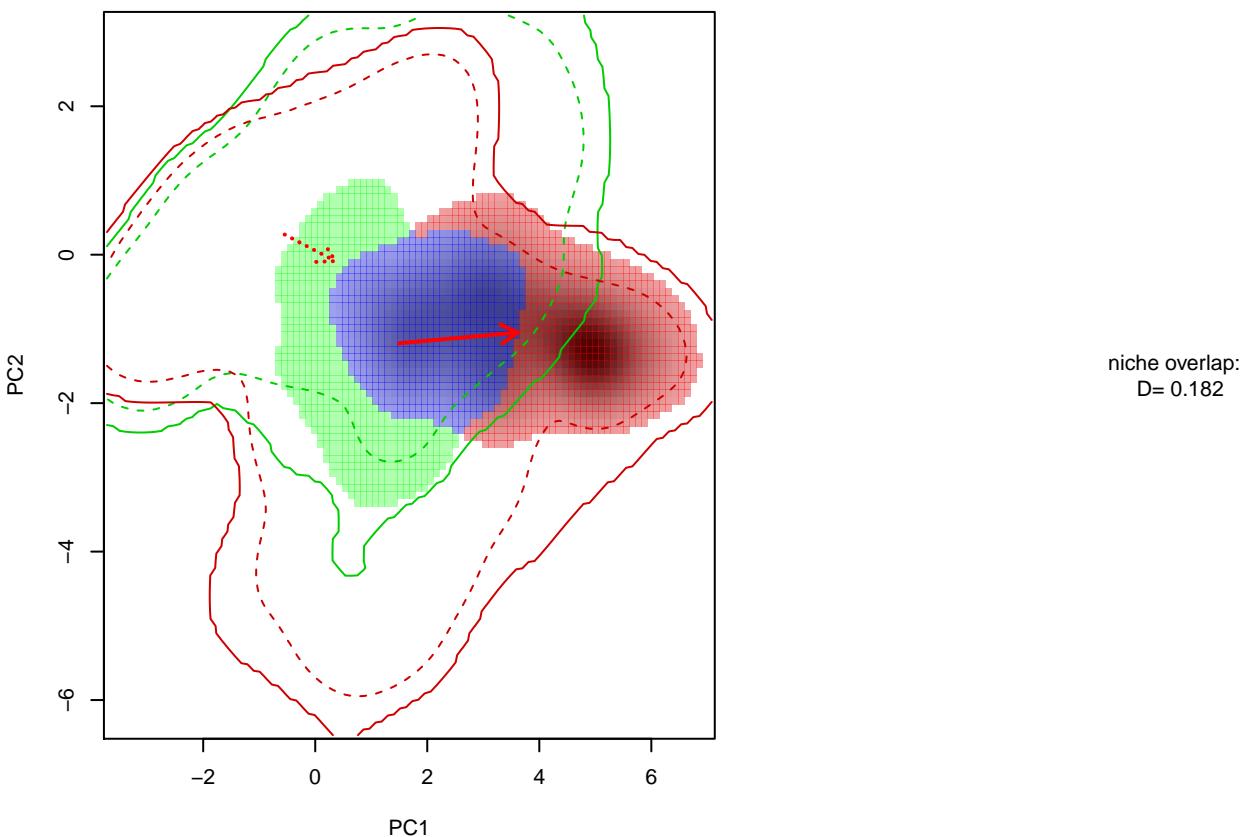
**Similarity 2→1**



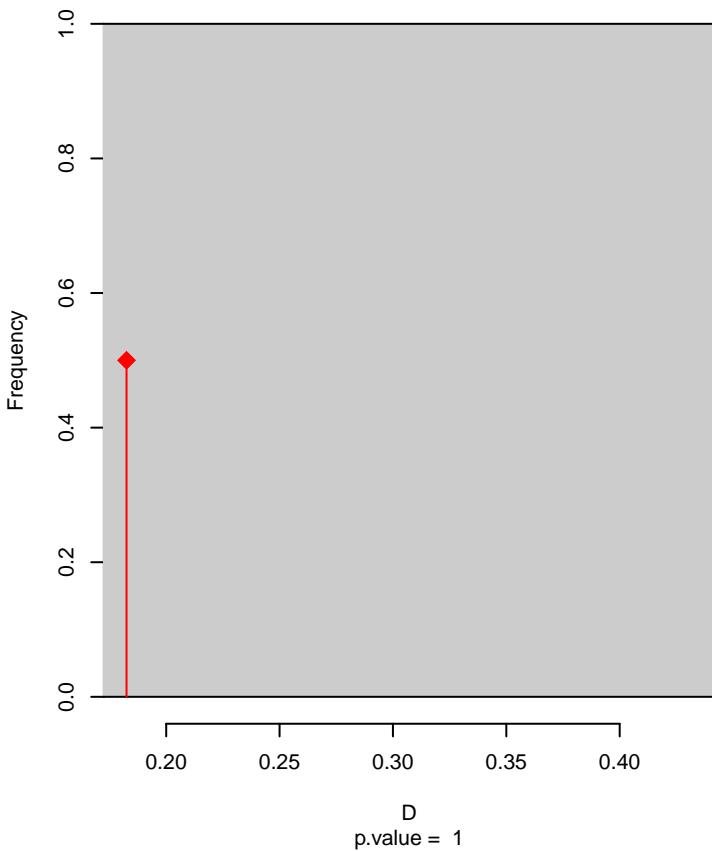
**Similarity 1→2**



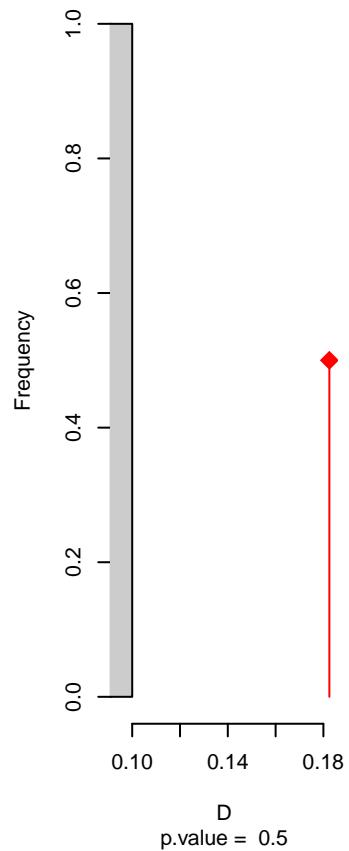
### Polioxolmis\_rufipennis seasonal overlap



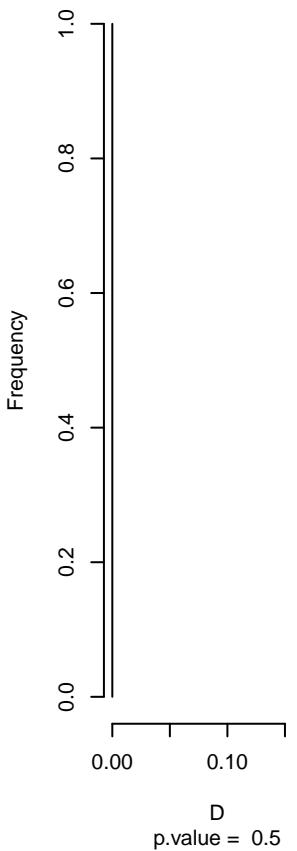
**Equivalency**



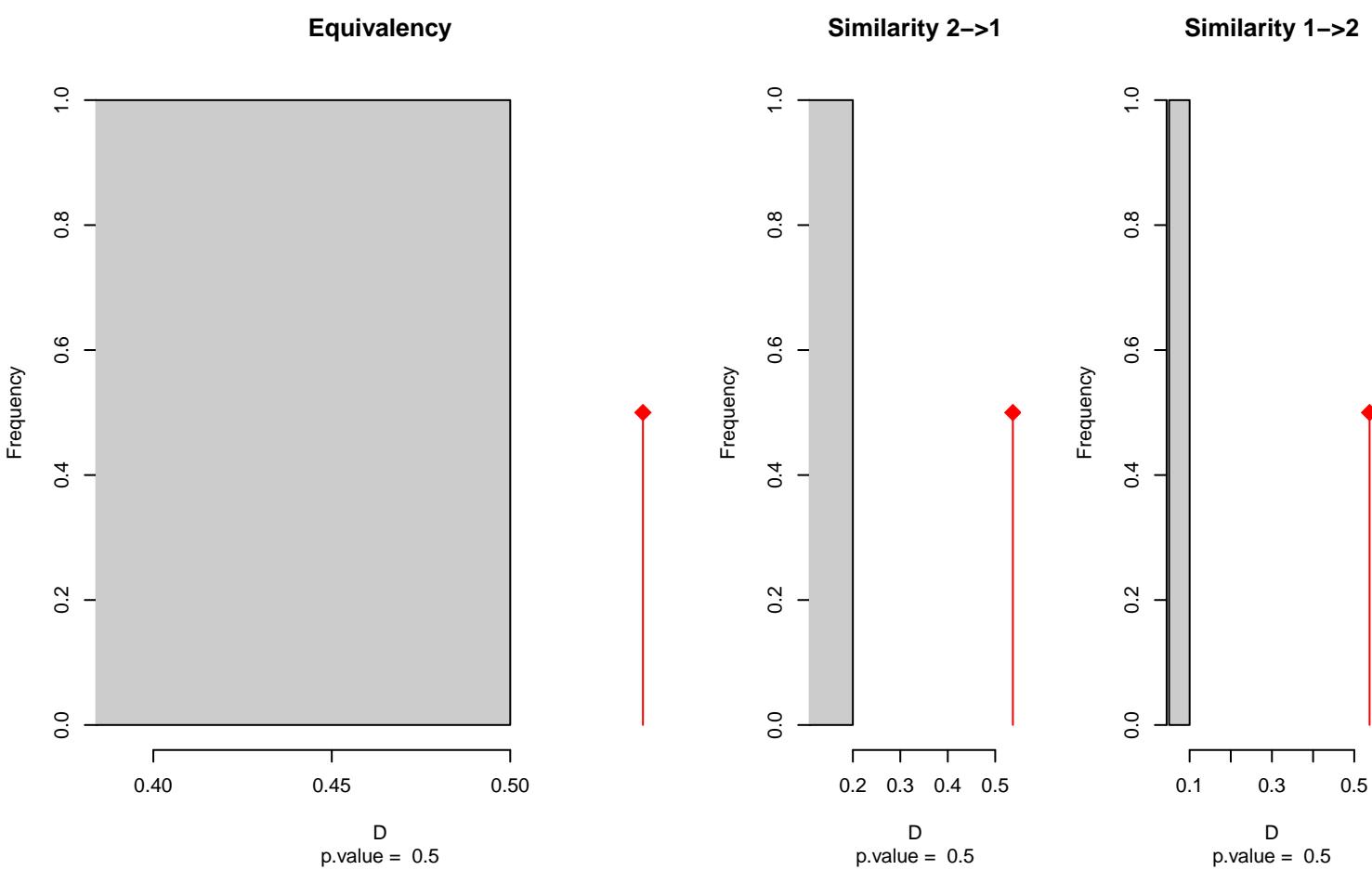
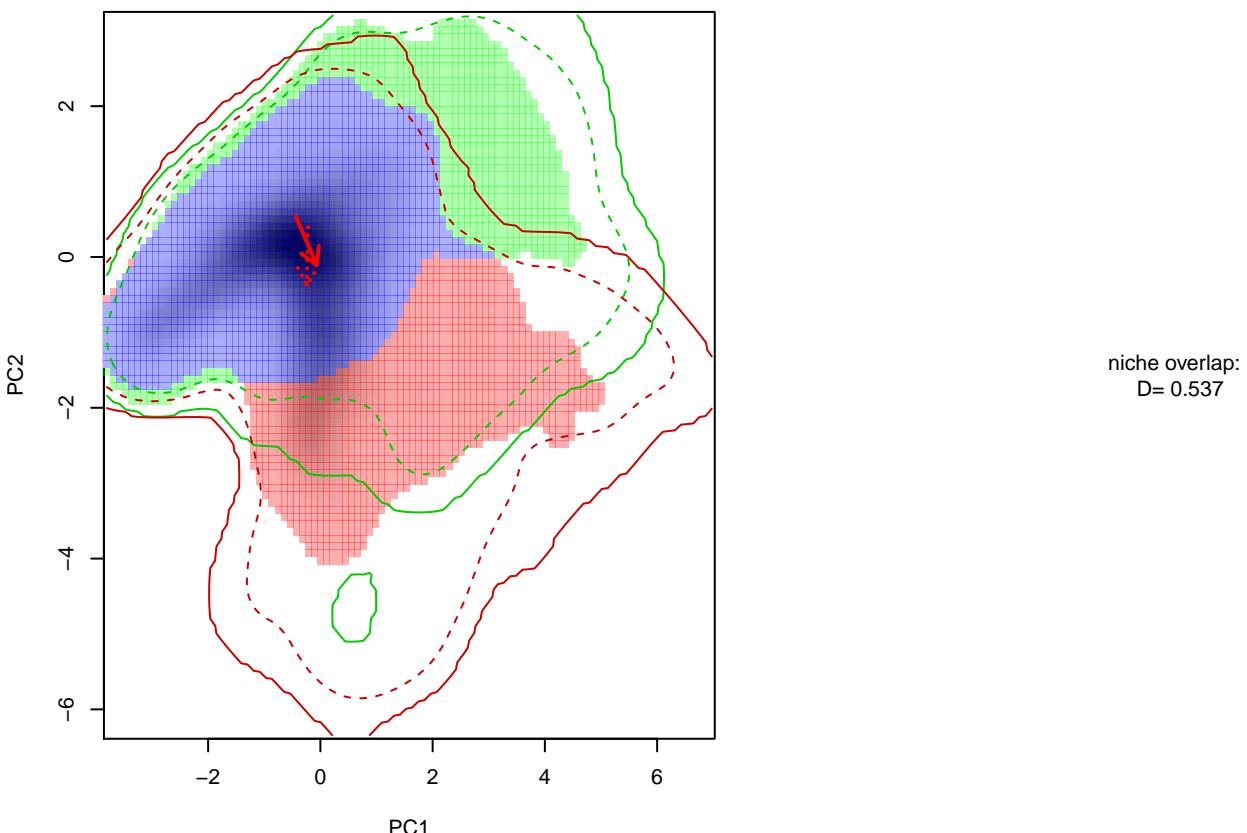
**Similarity 2→1**



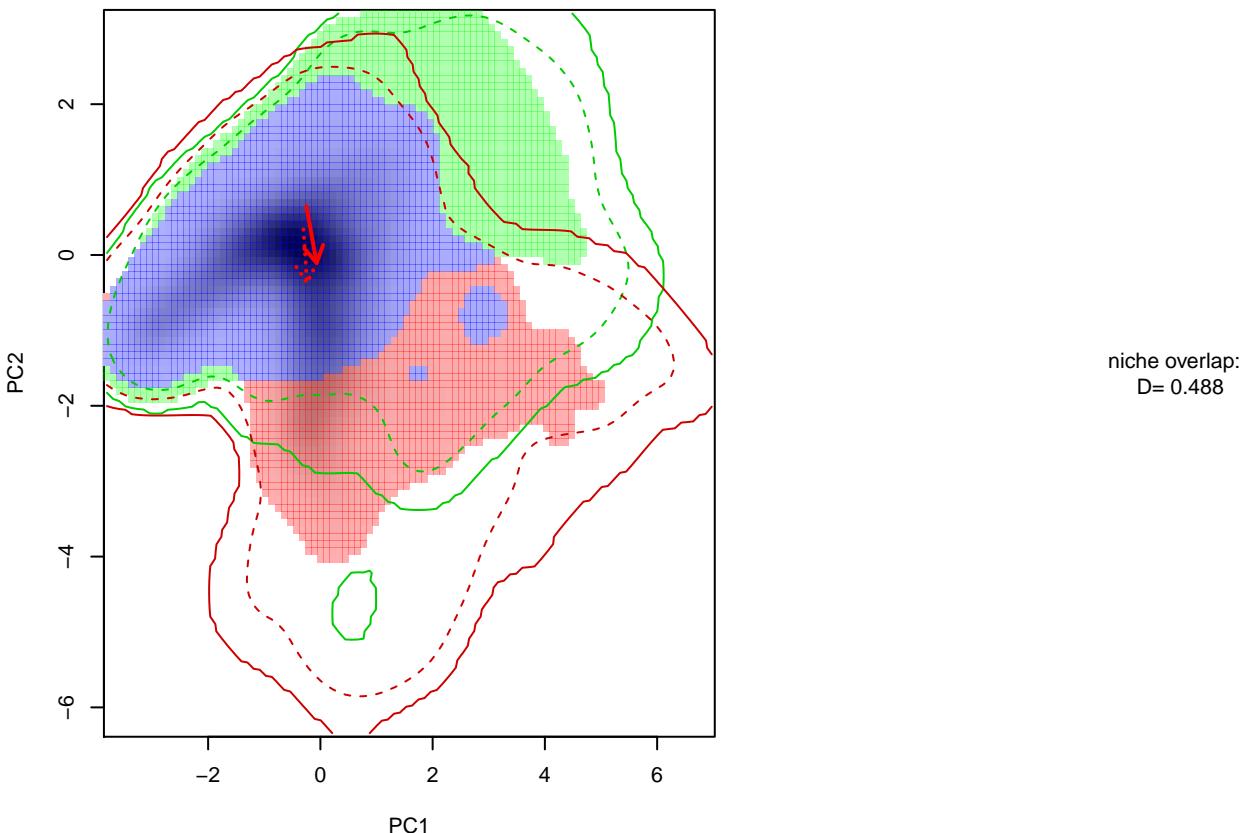
**Similarity 1→2**



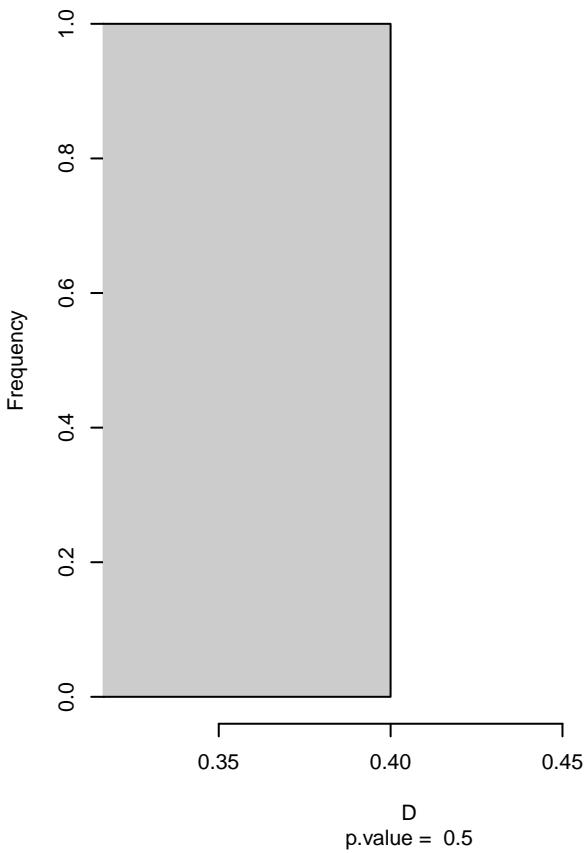
### Satrapa\_icterophrys seasonal overlap



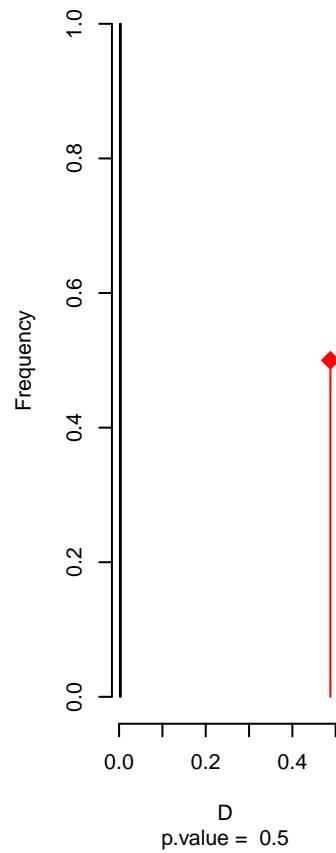
# Satrapa\_icterophrys seasonal overlap–hypo.br



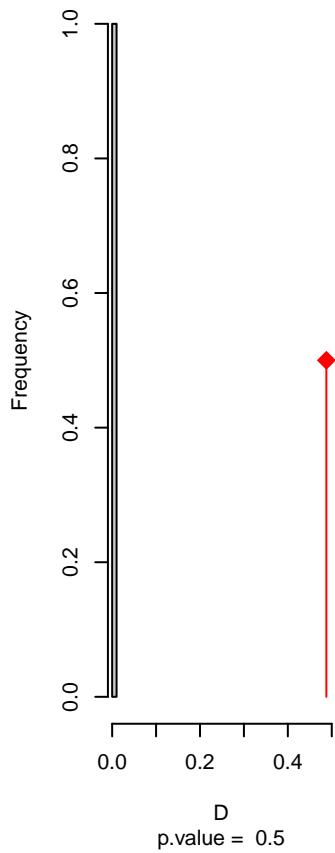
Equivalency



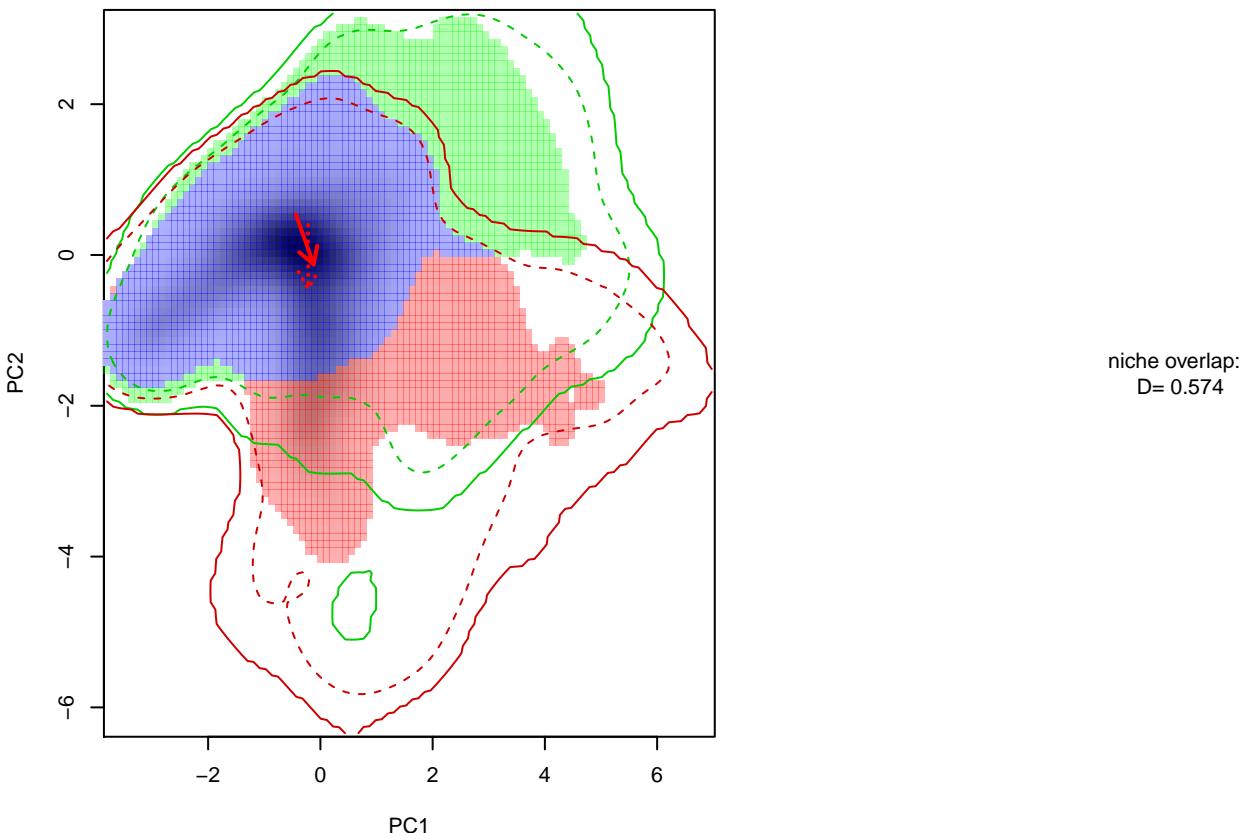
Similarity 2→1



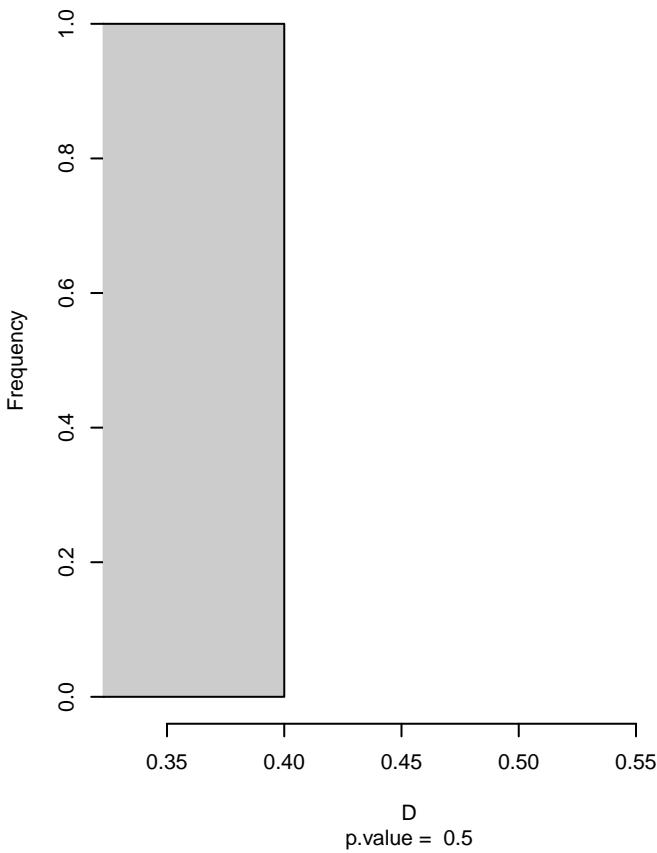
Similarity 1→2



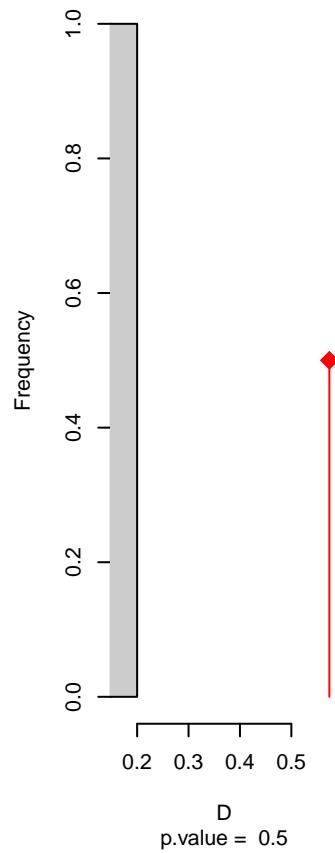
# Satrapa\_icterophrys seasonal overlap-hypo wi



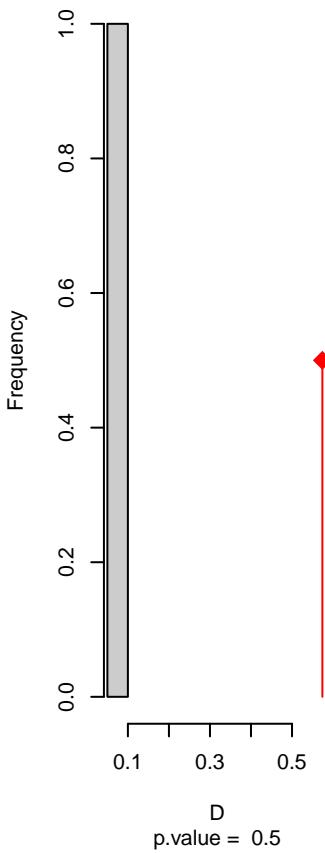
Equivalency



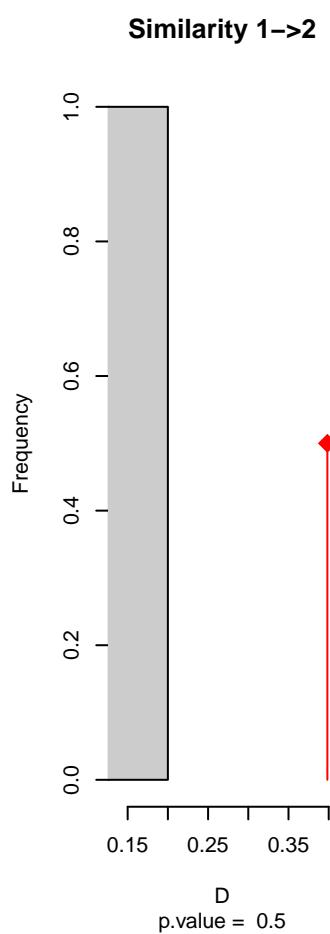
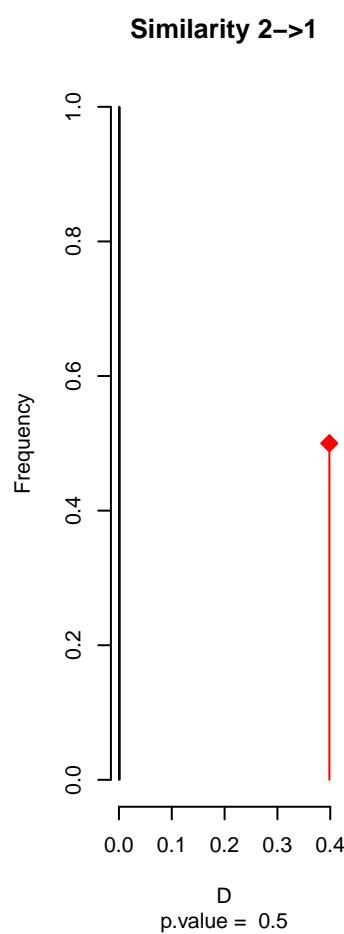
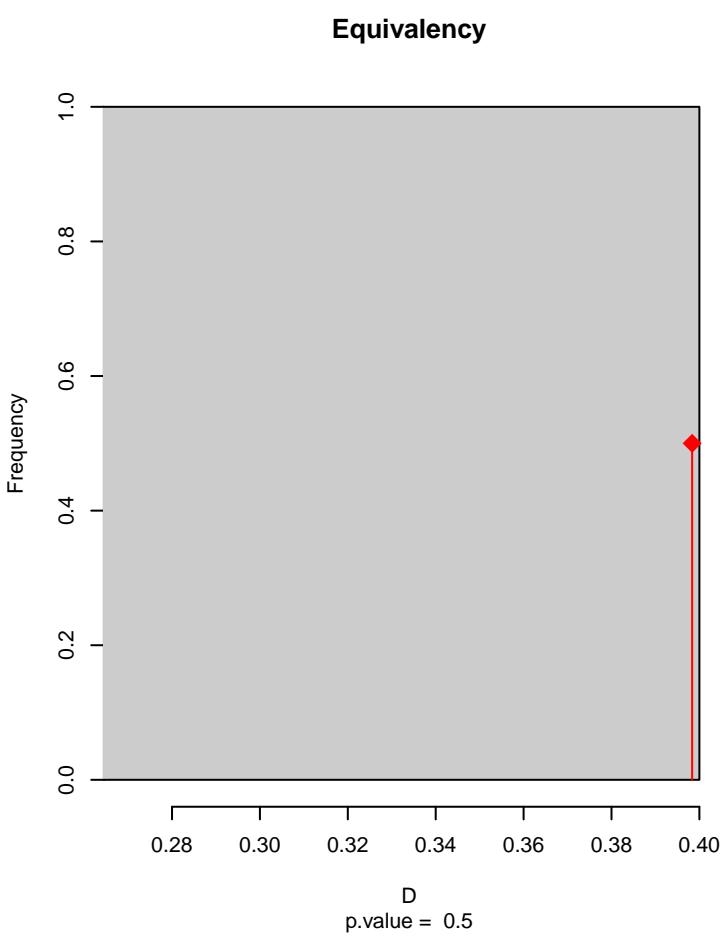
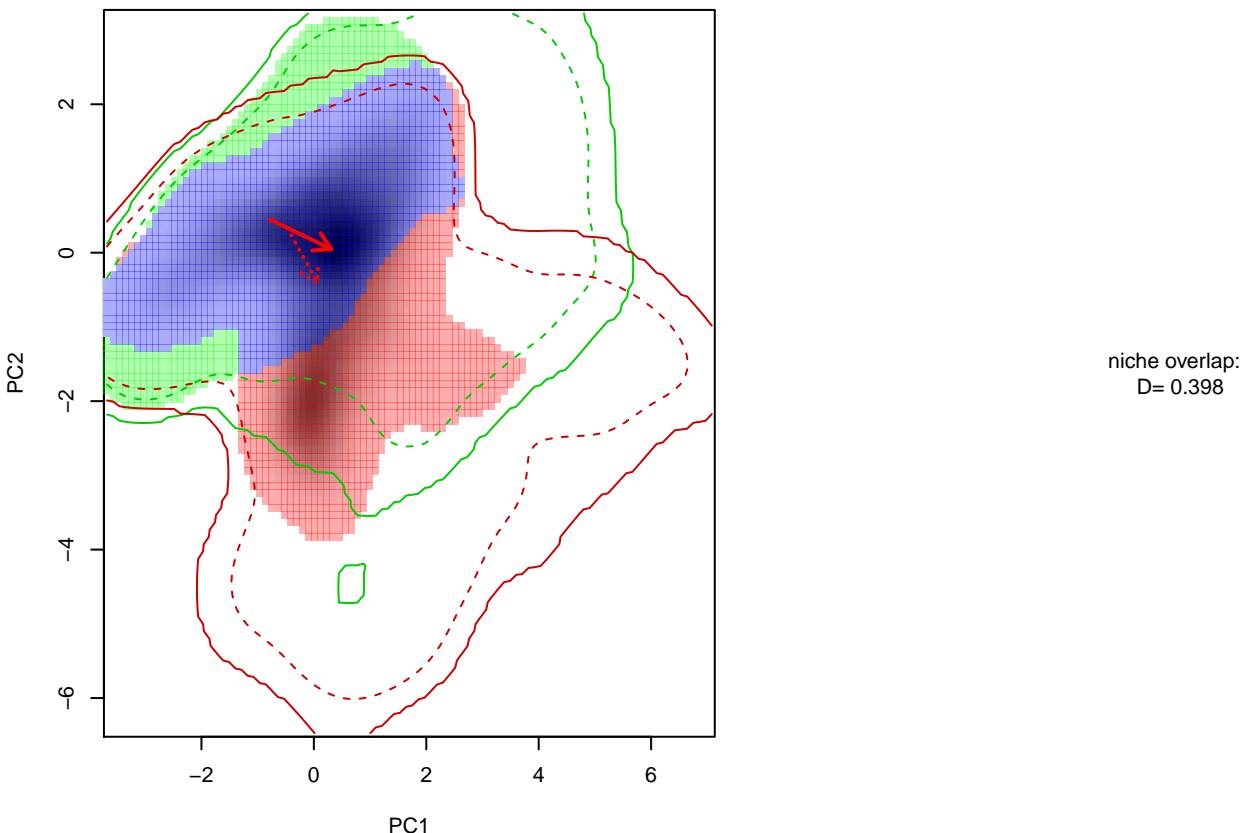
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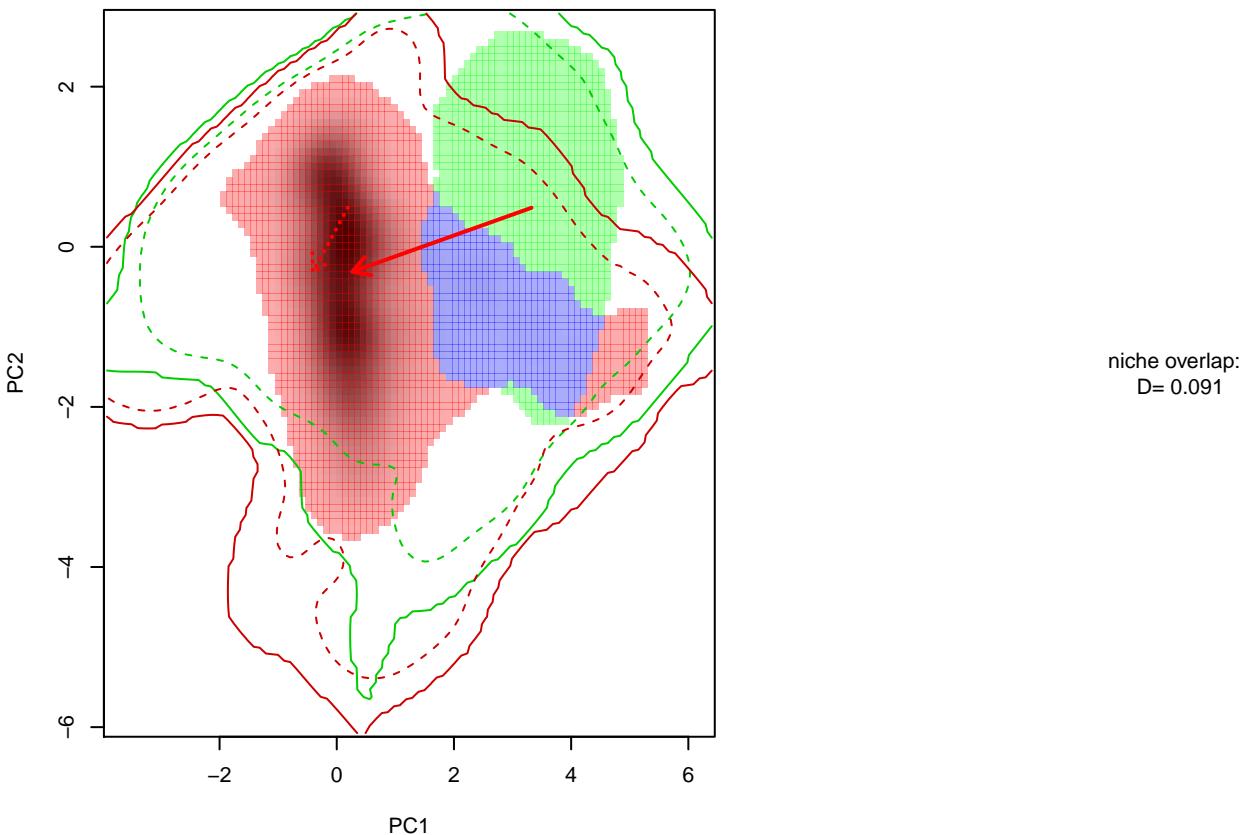
Similarity 1→2



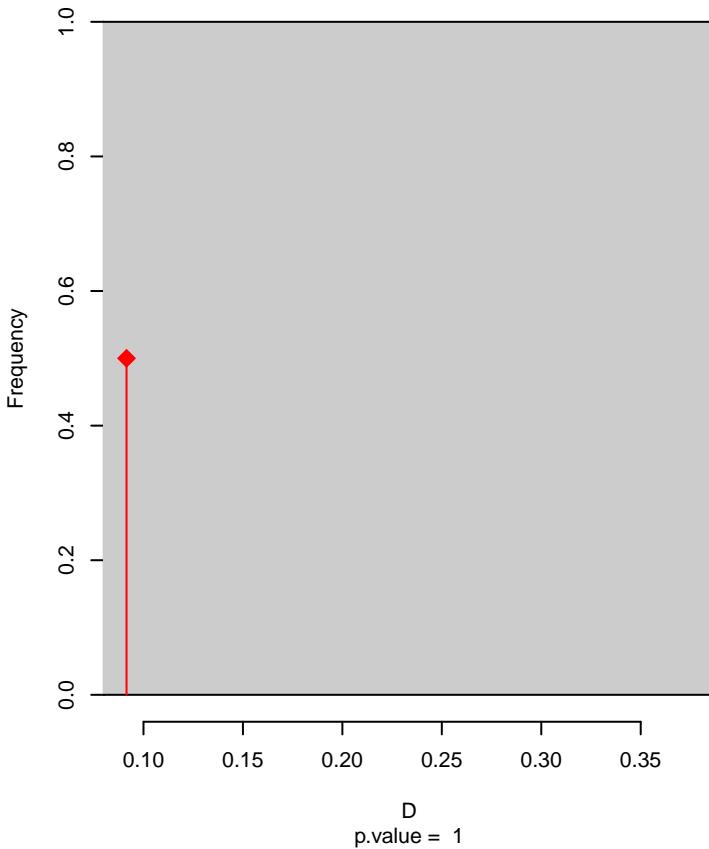
### Xolmis\_cinereus seasonal overlap



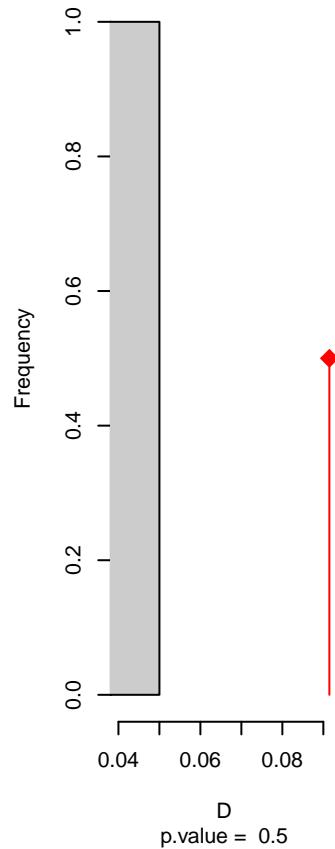
### Xolmis\_coronatus seasonal overlap



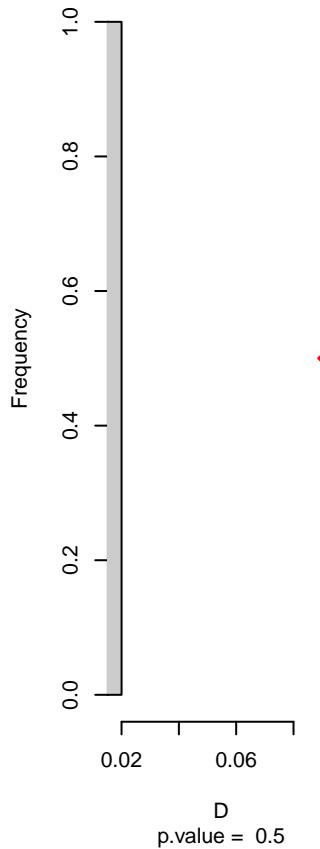
**Equivalency**



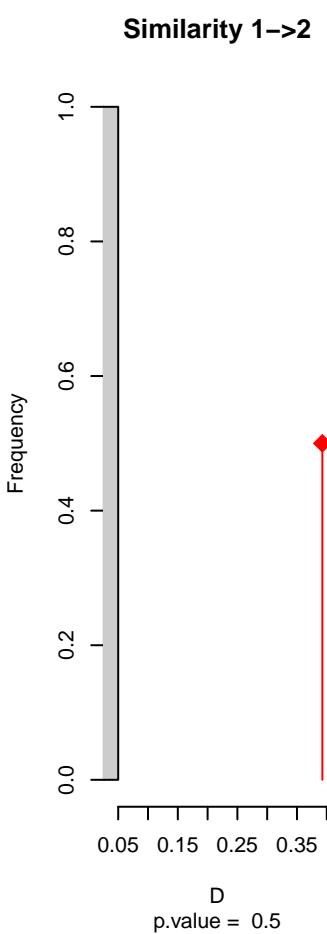
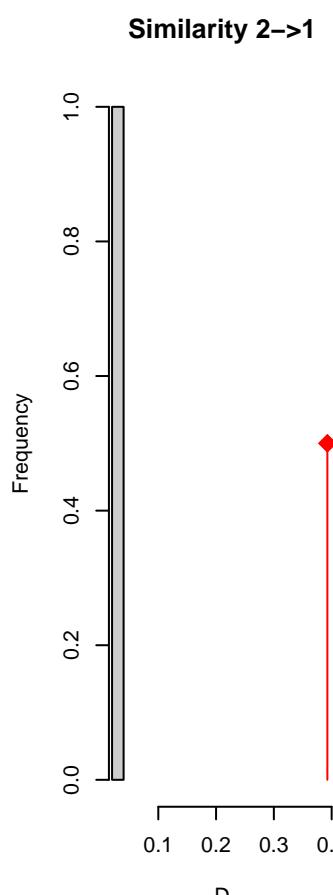
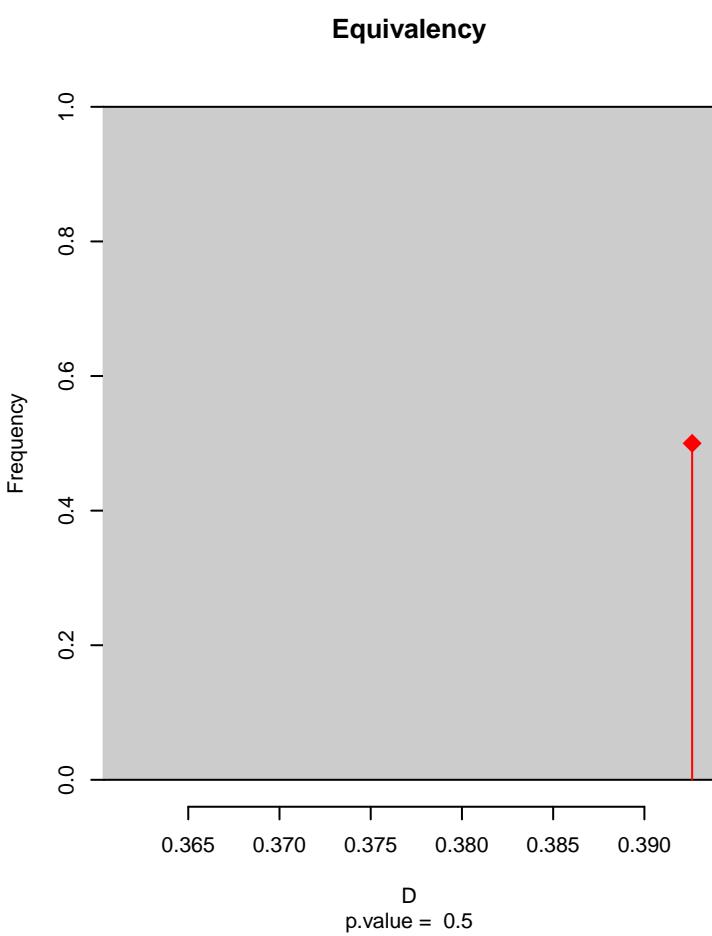
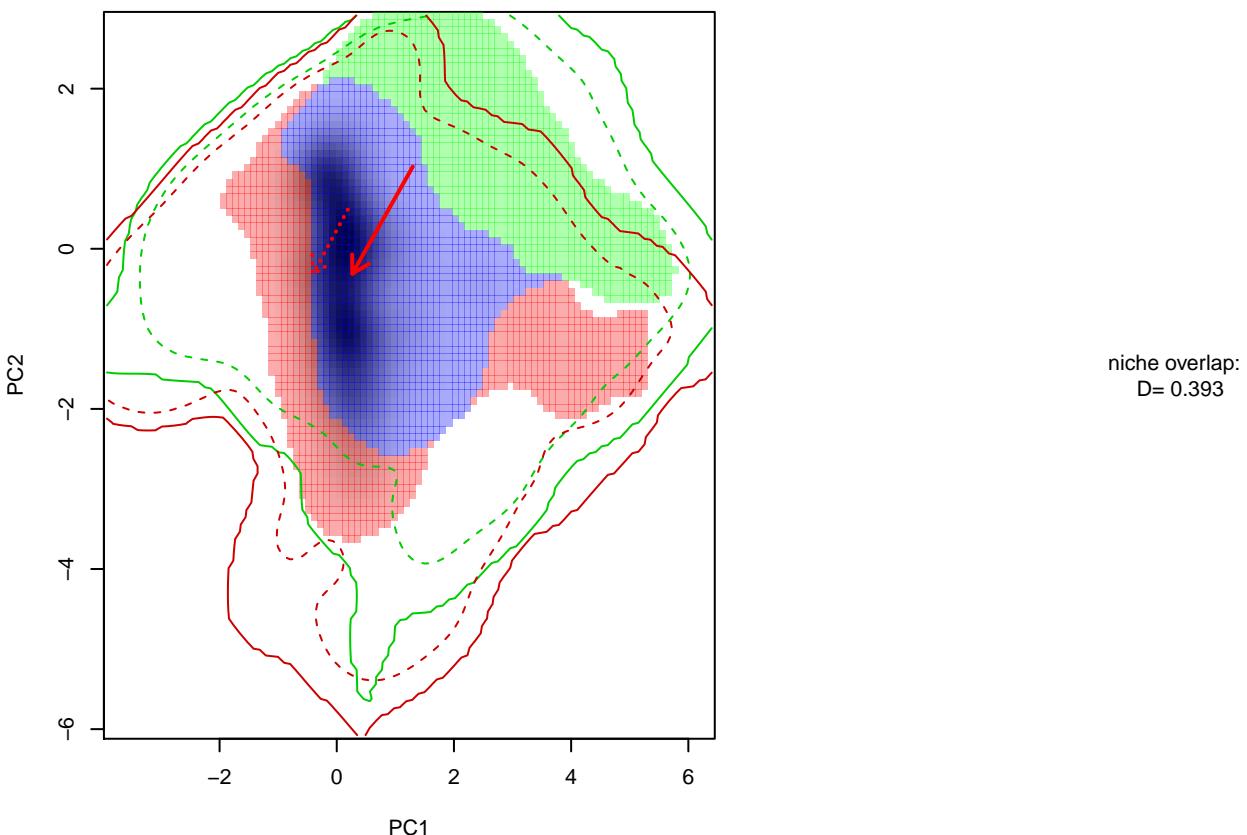
**Similarity 2→1**



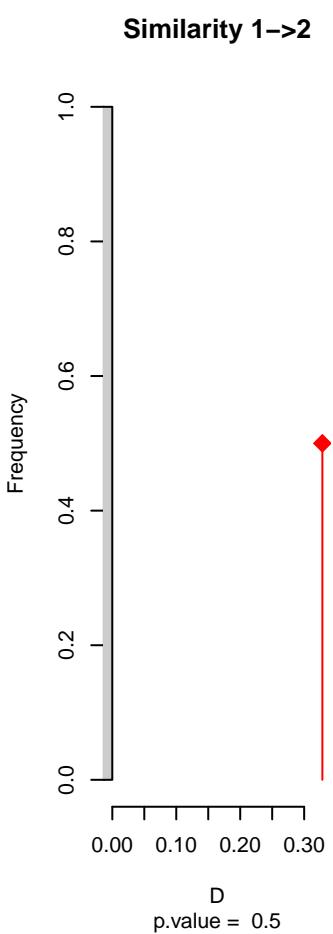
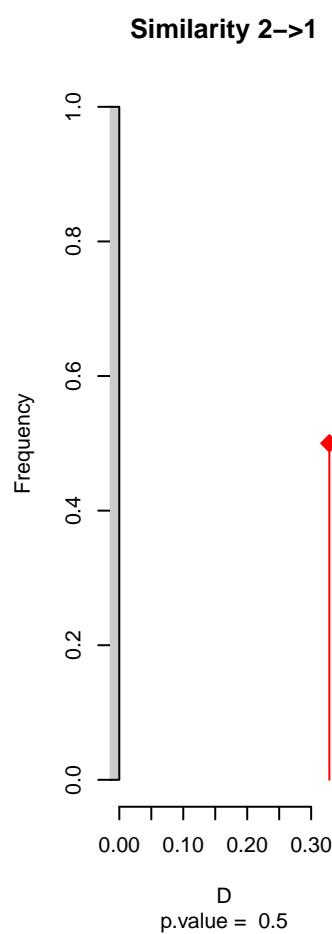
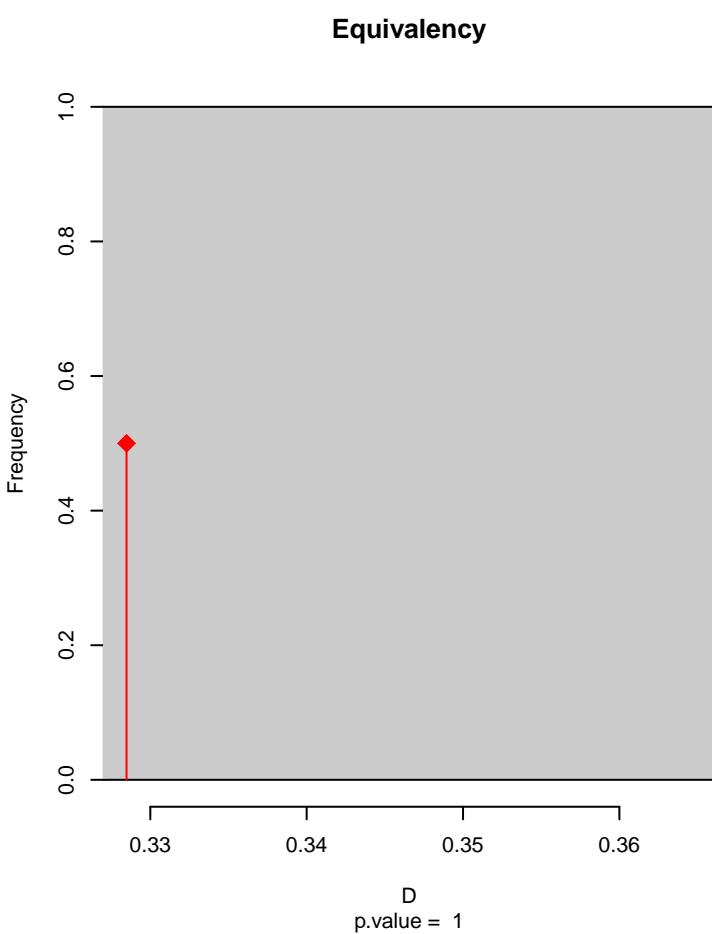
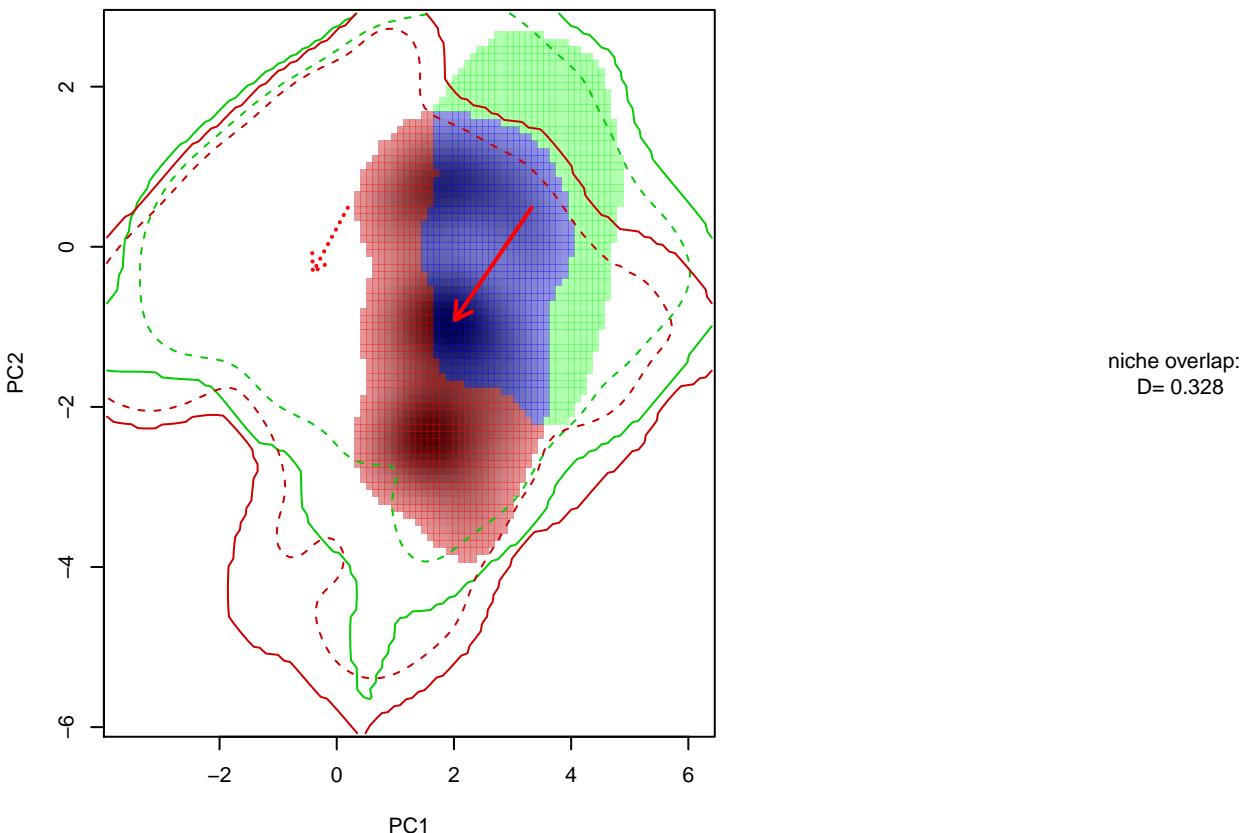
**Similarity 1→2**



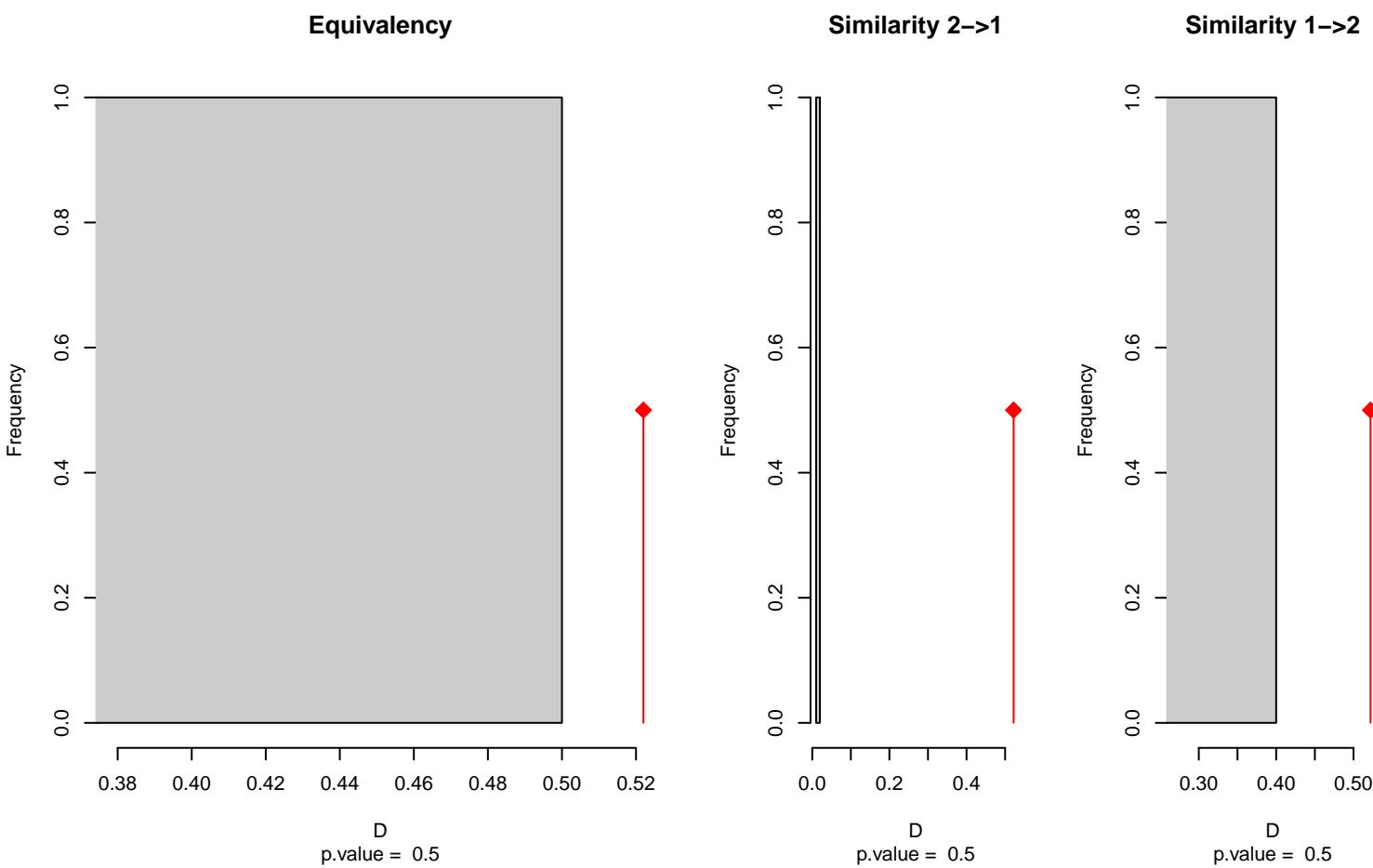
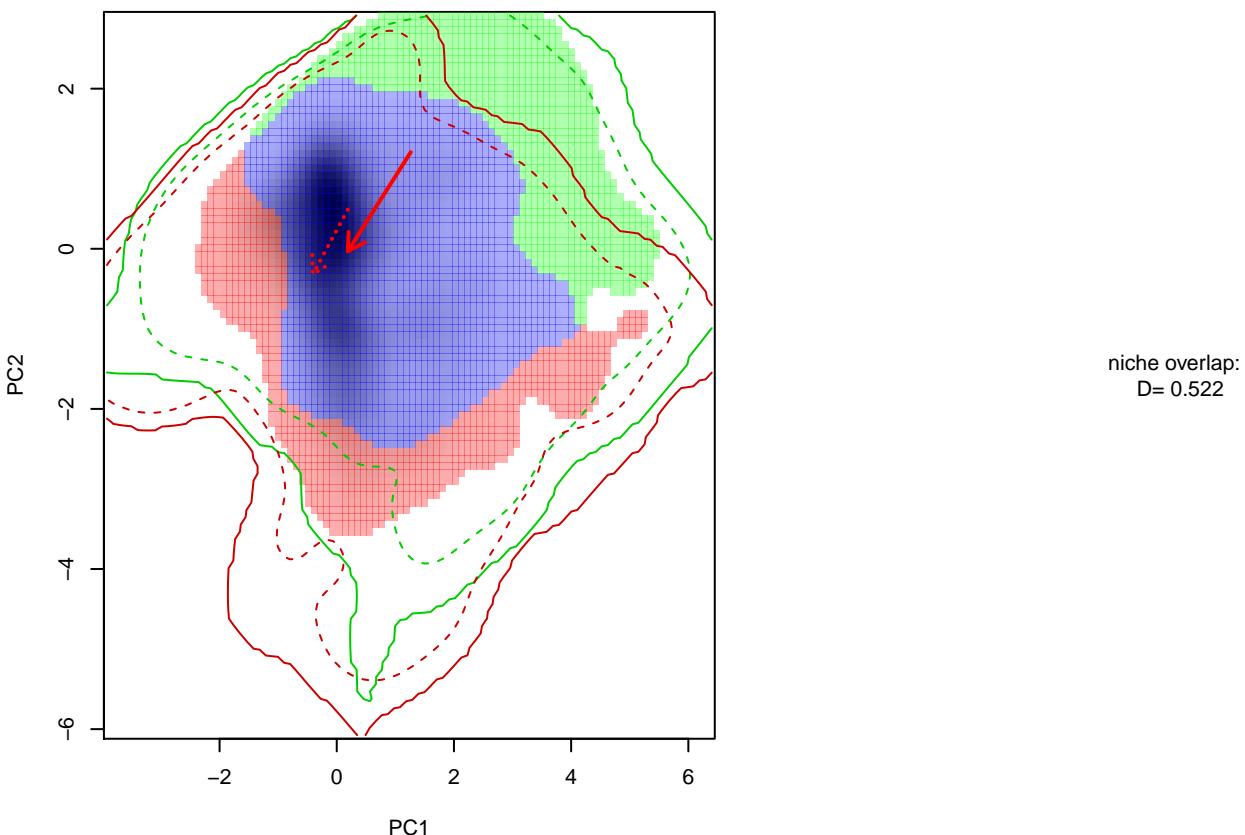
# Xolmis\_coronatus seasonal overlap-hypo.br



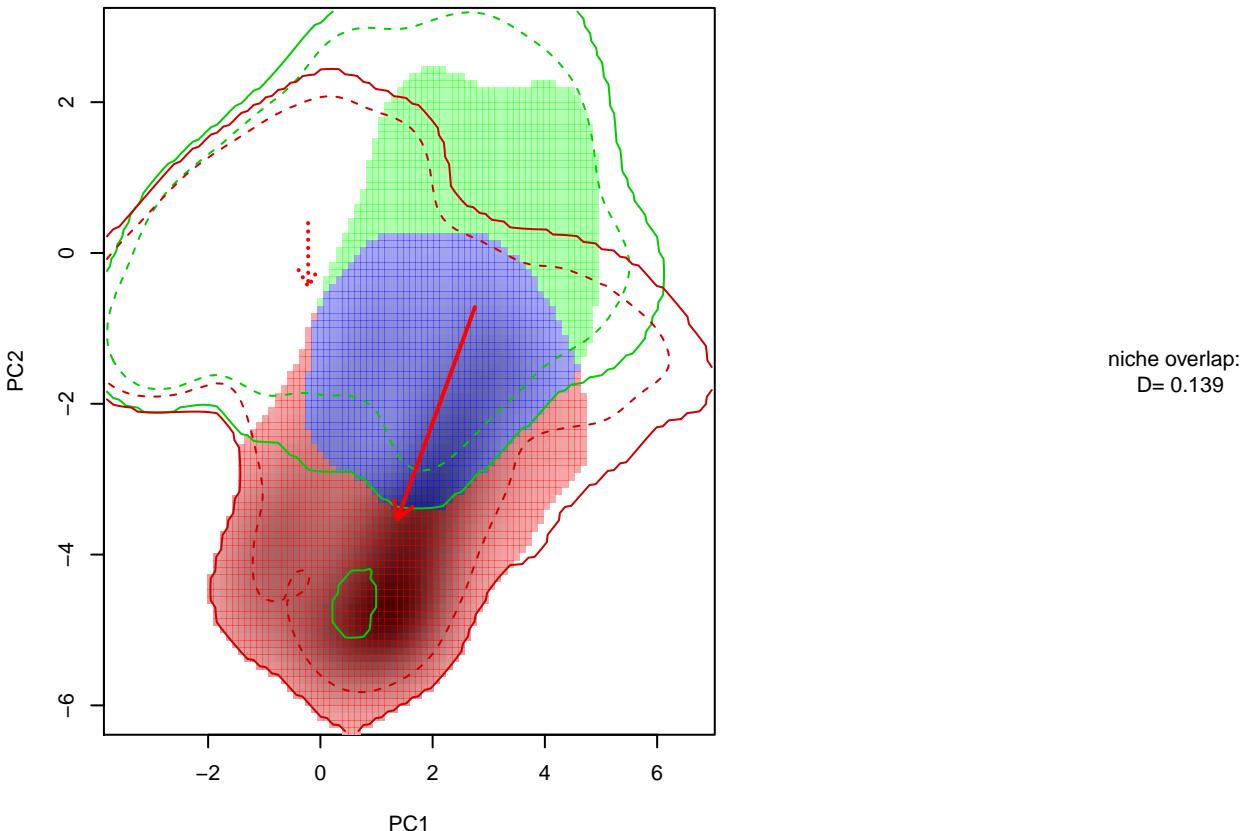
# Xolmis\_coronatus seasonal overlap-hypo wi



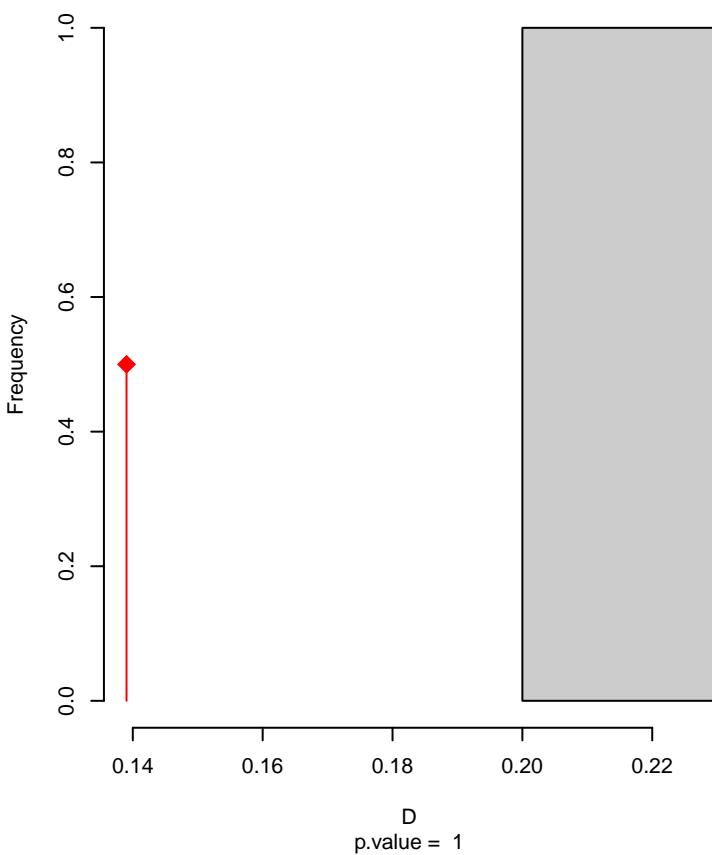
### Xolmis\_irupero seasonal overlap



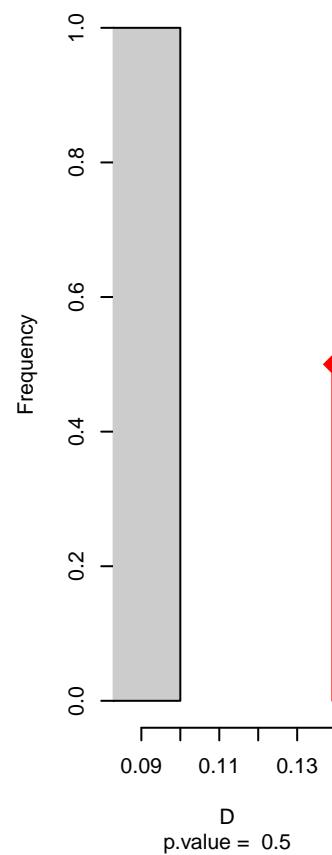
### Xolmis\_pyrope seasonal overlap



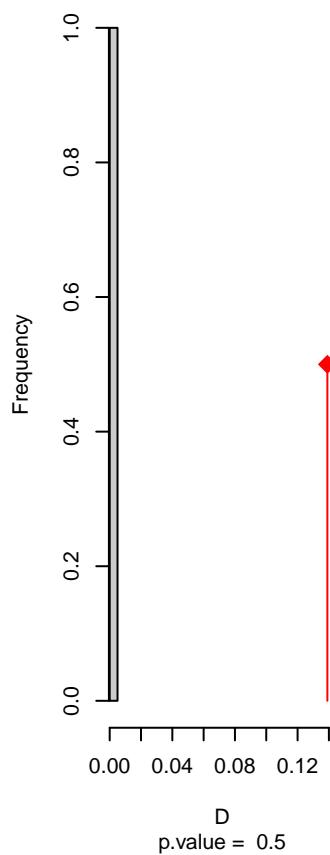
**Equivalency**



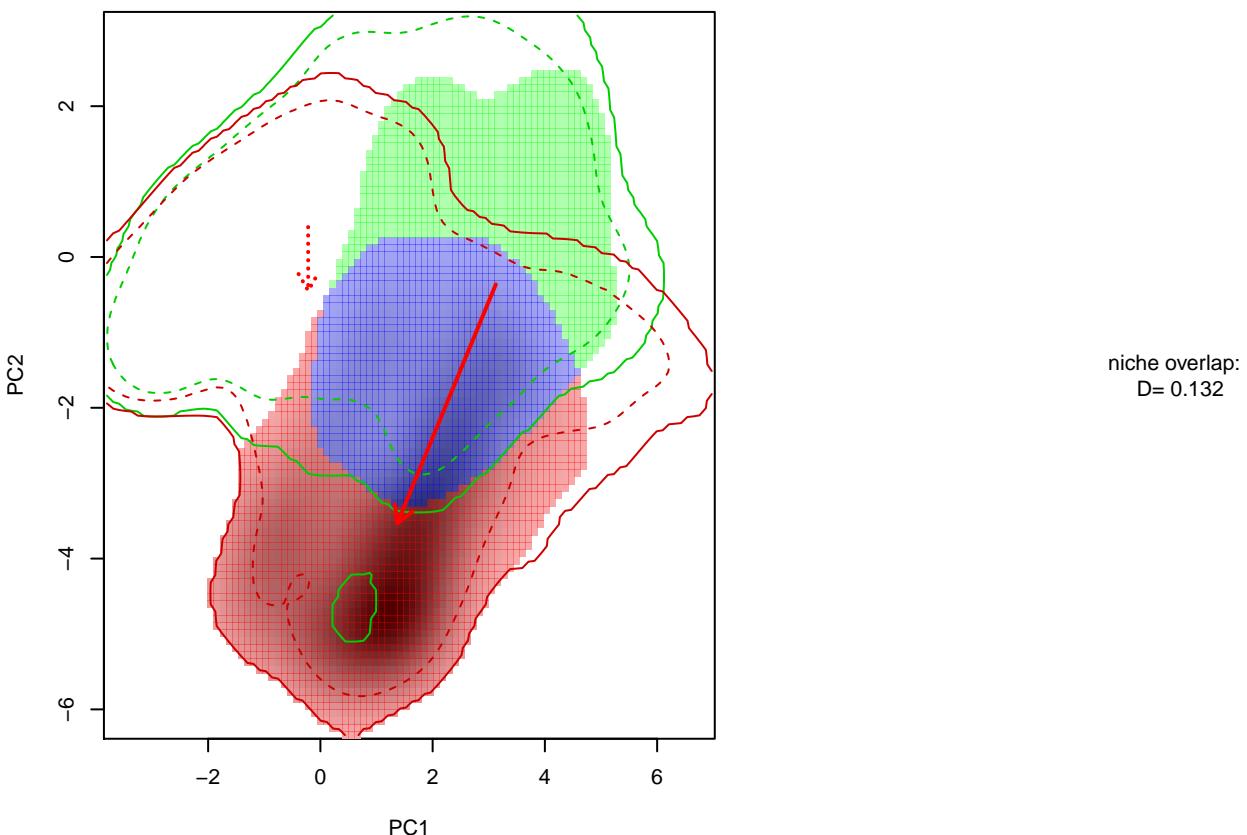
**Similarity 2→1**



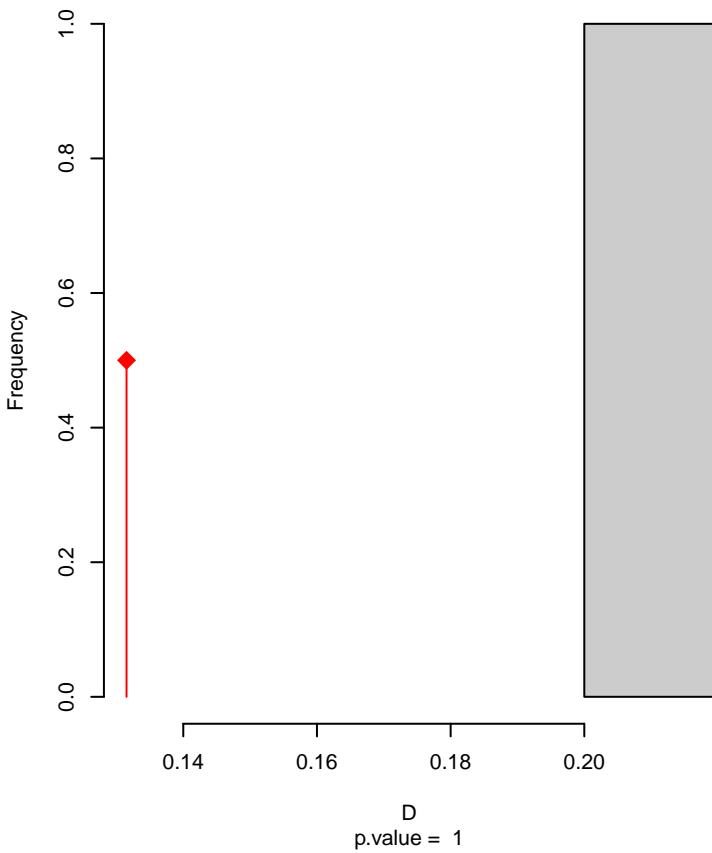
**Similarity 1→2**



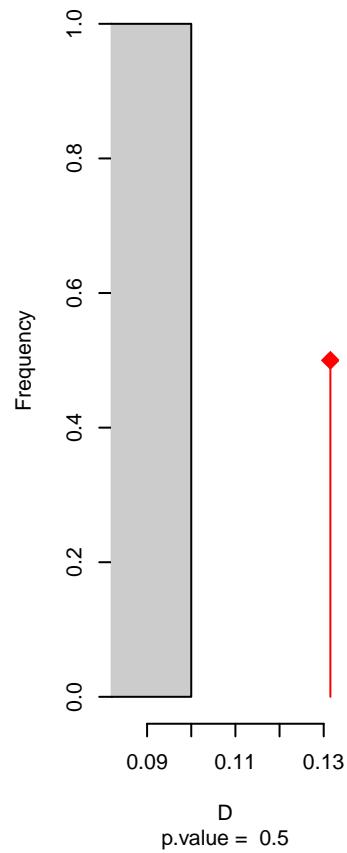
# Xolmis\_pyrope seasonal overlap-hypo.br



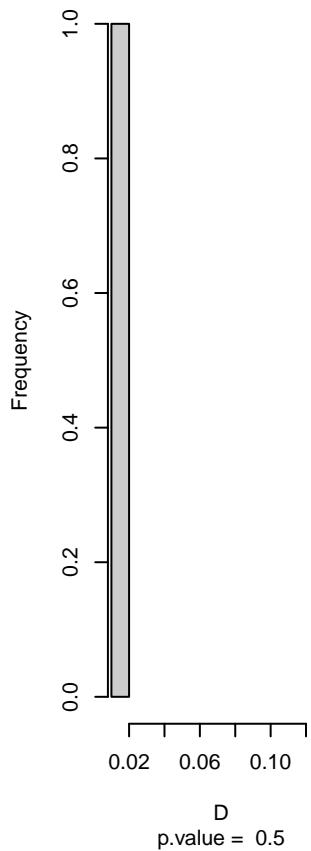
**Equivalency**



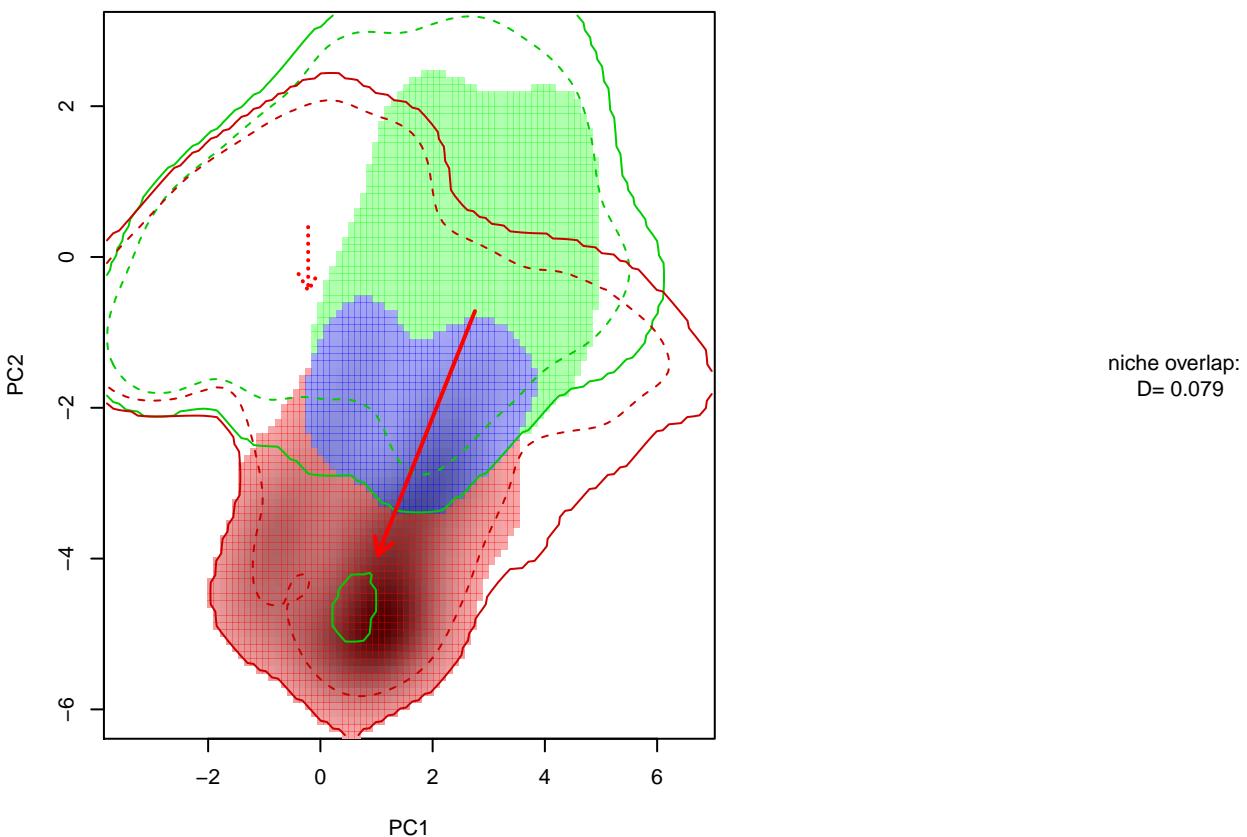
**Similarity 2→1**



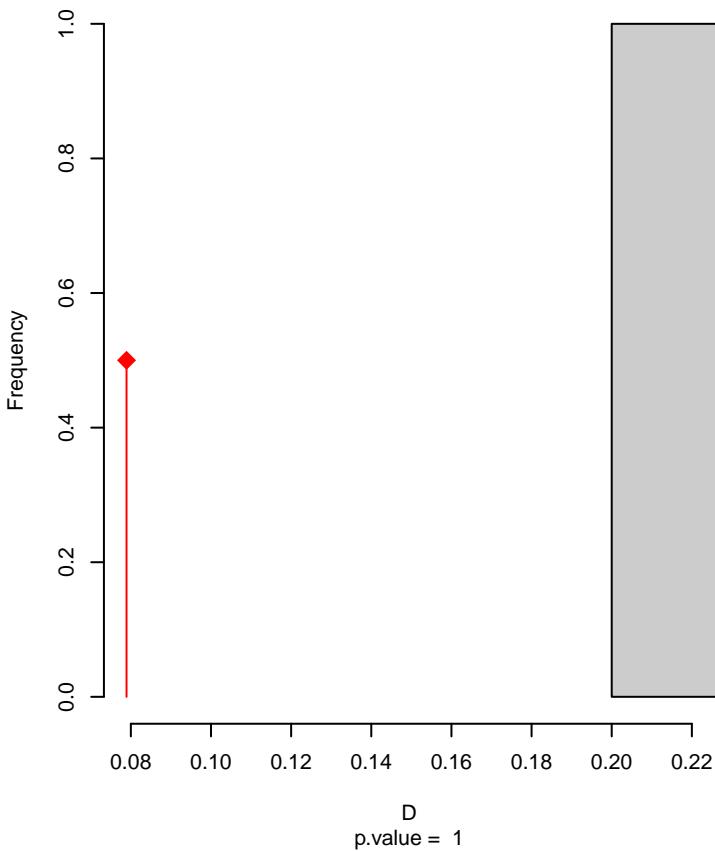
**Similarity 1→2**



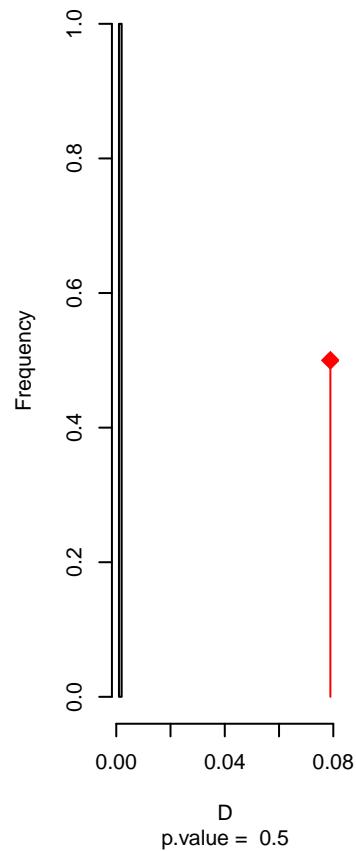
# Xolmis\_pyrope seasonal overlap-hypo wi



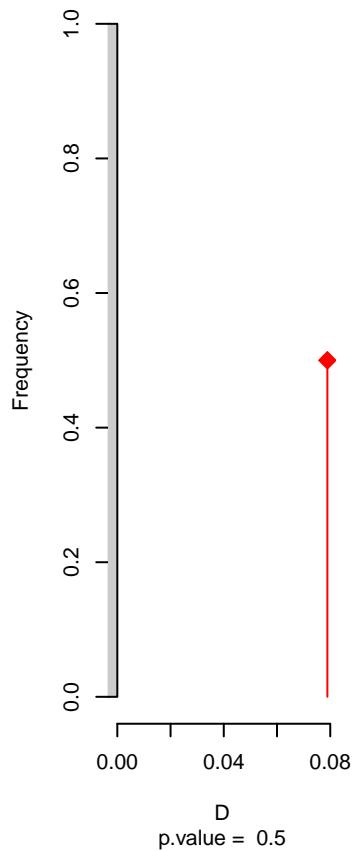
**Equivalency**



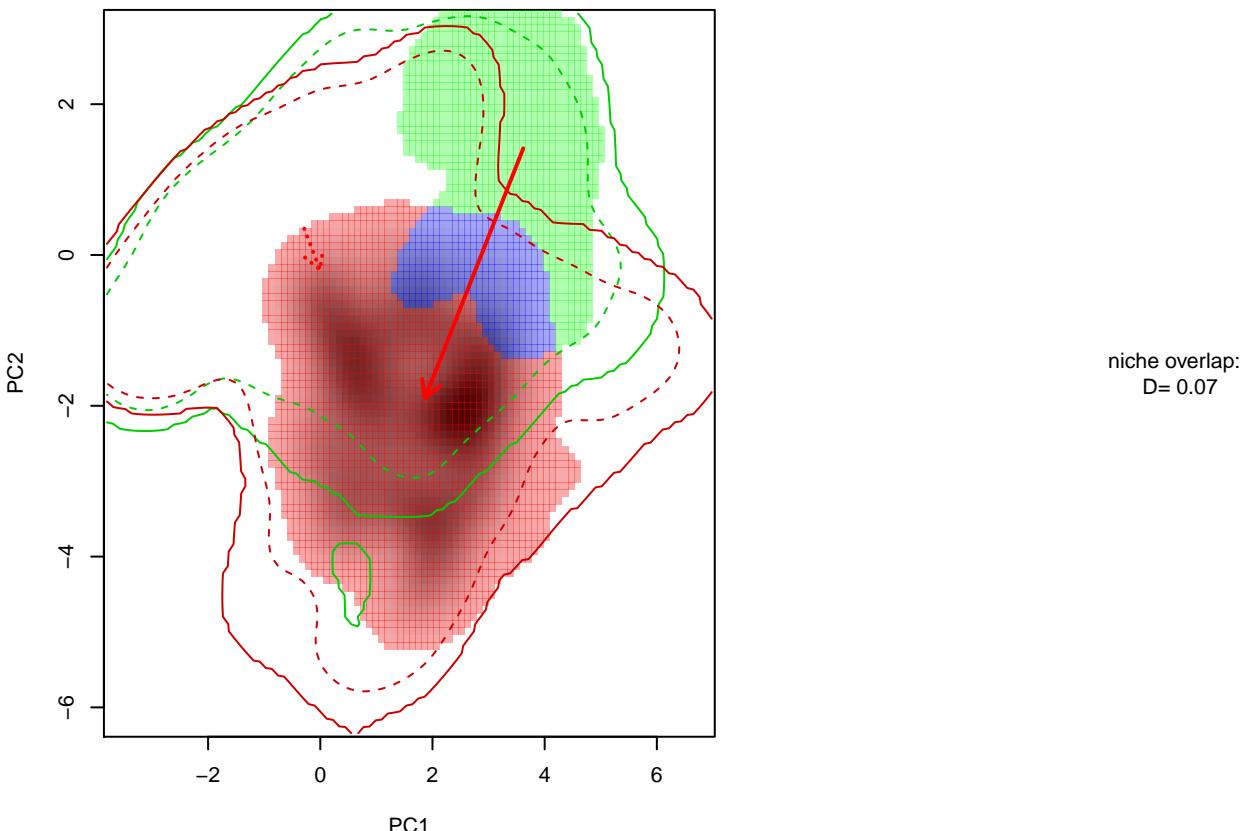
**Similarity 2→1**



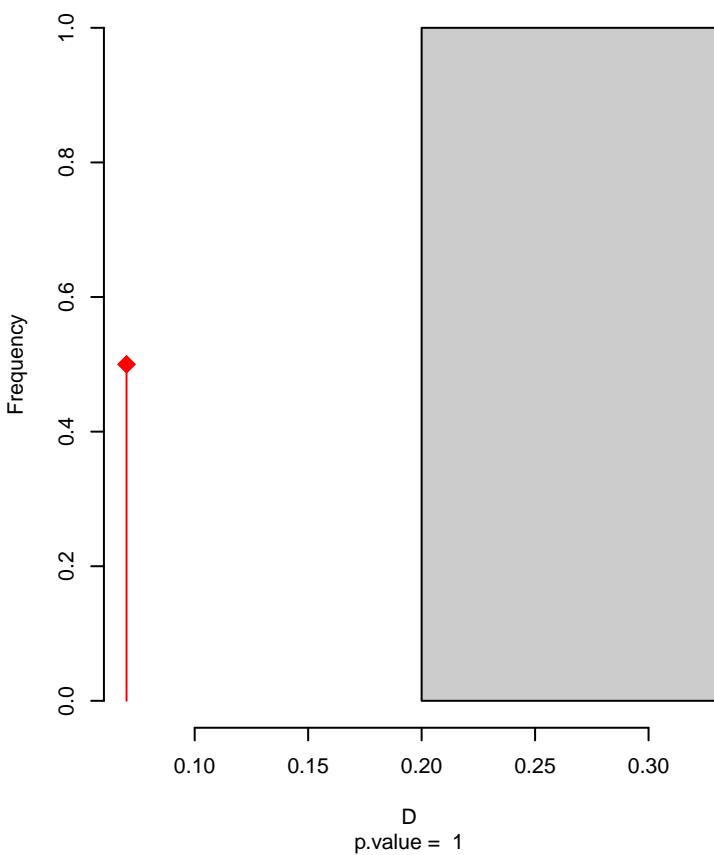
**Similarity 1→2**



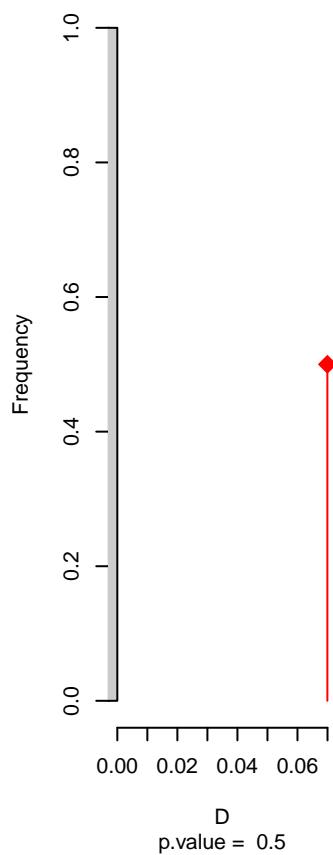
### Xolmis\_rubetra seasonal overlap



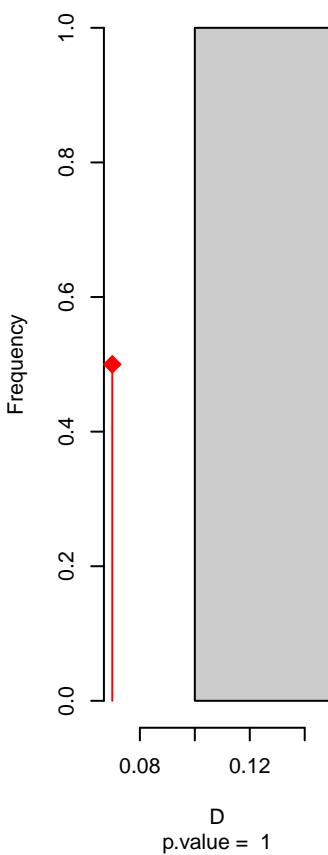
**Equivalency**



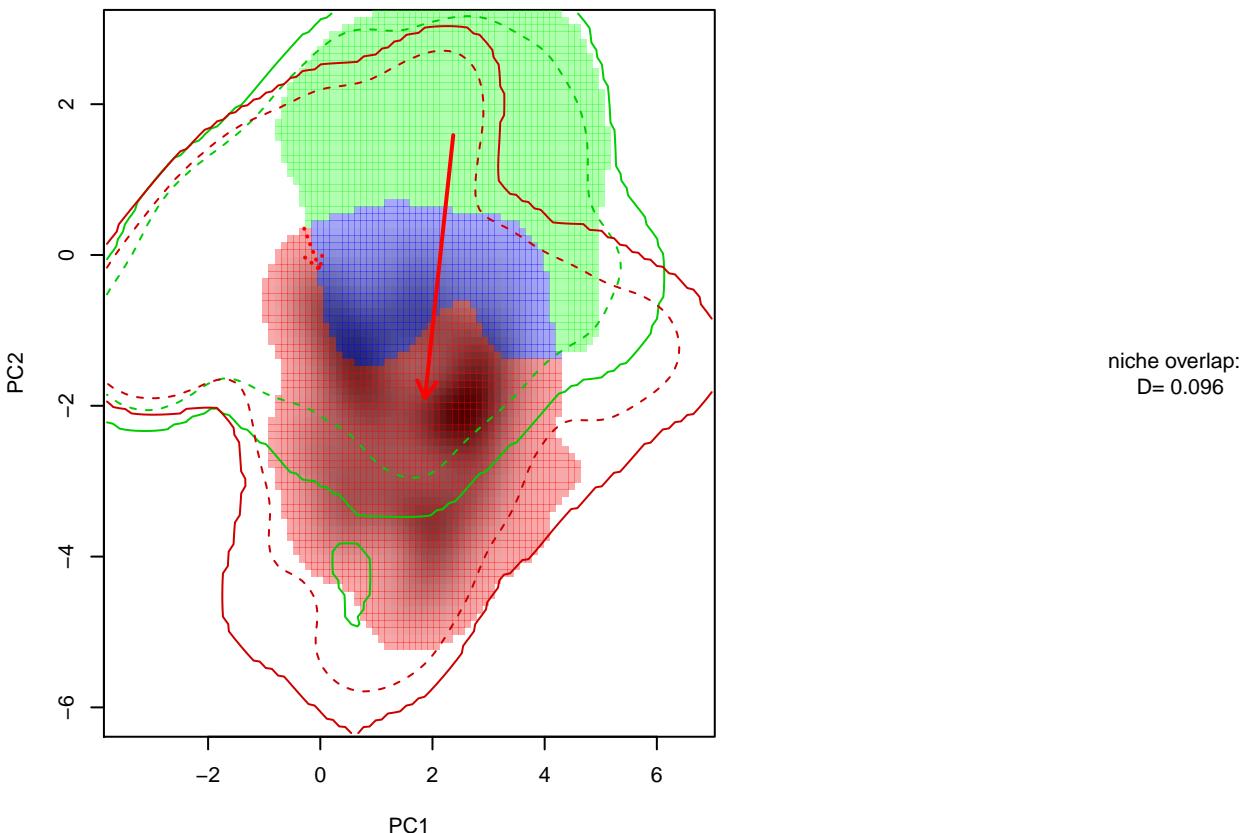
**Similarity 2→1**



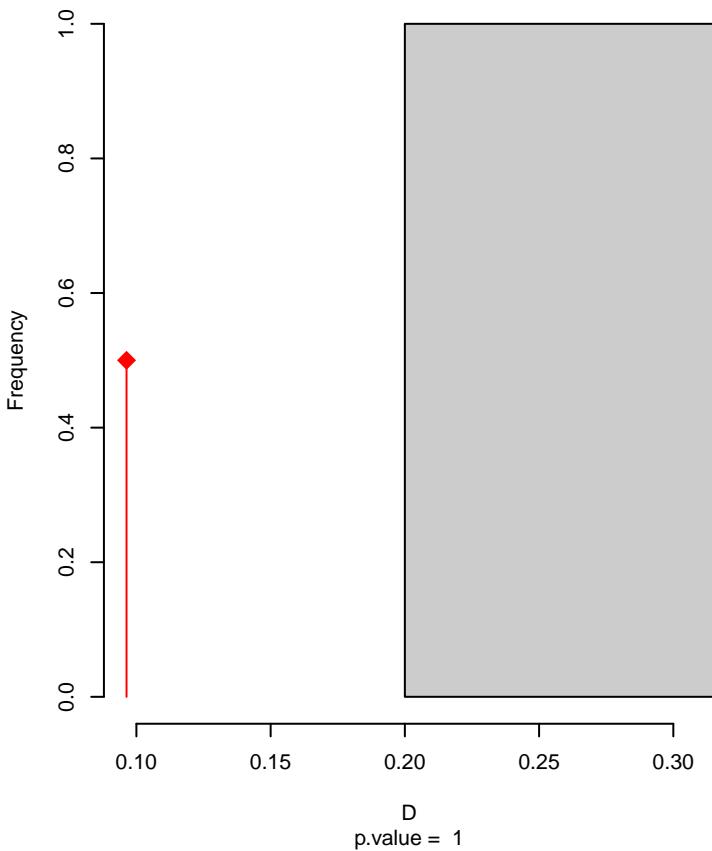
**Similarity 1→2**



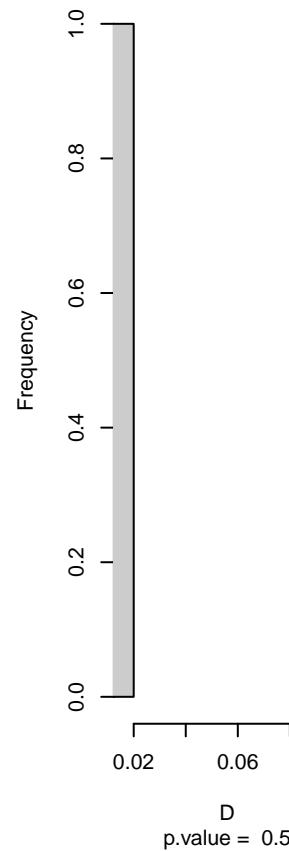
# *Xolmis\_rubetra* seasonal overlap-hypo.br



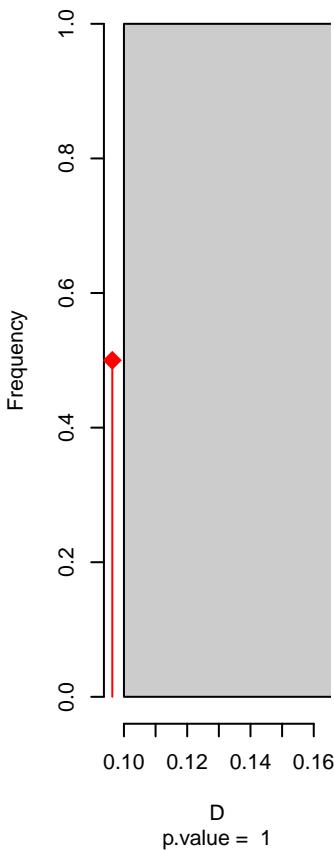
Equivalency



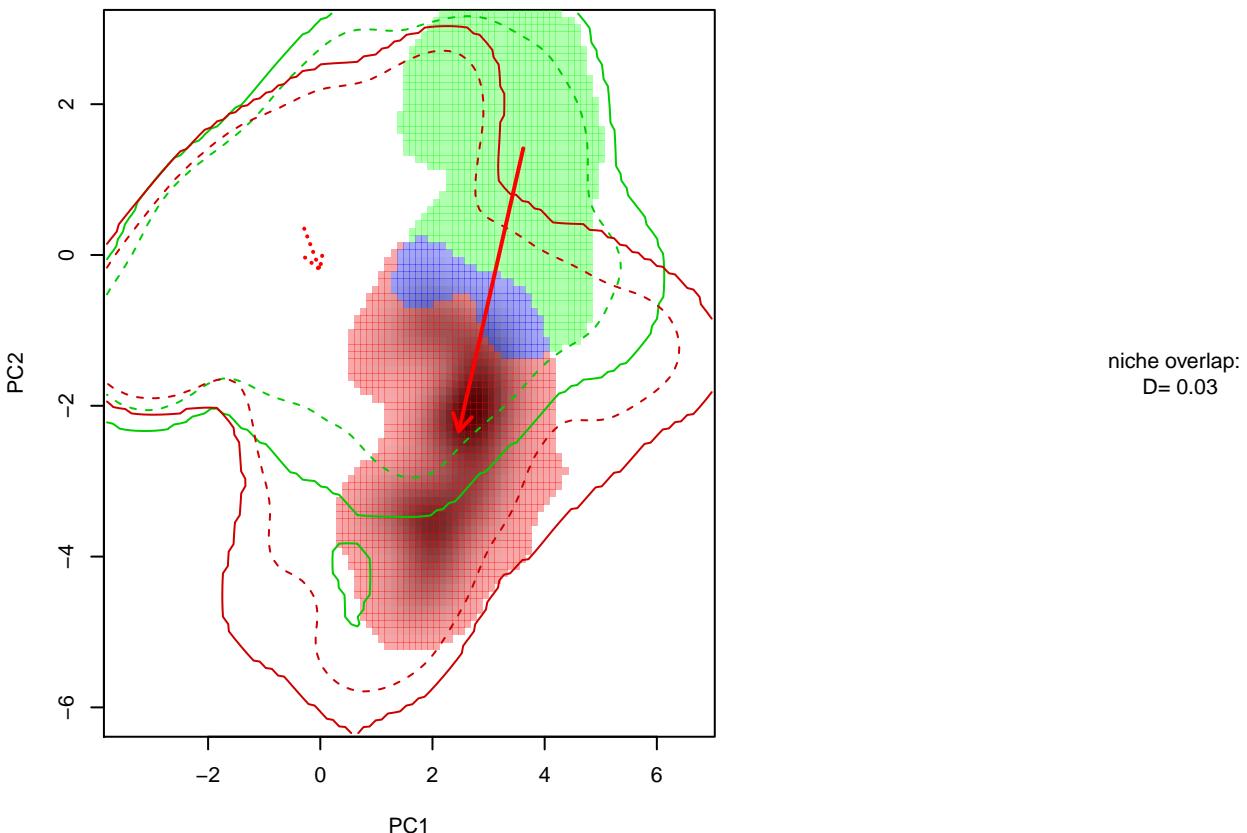
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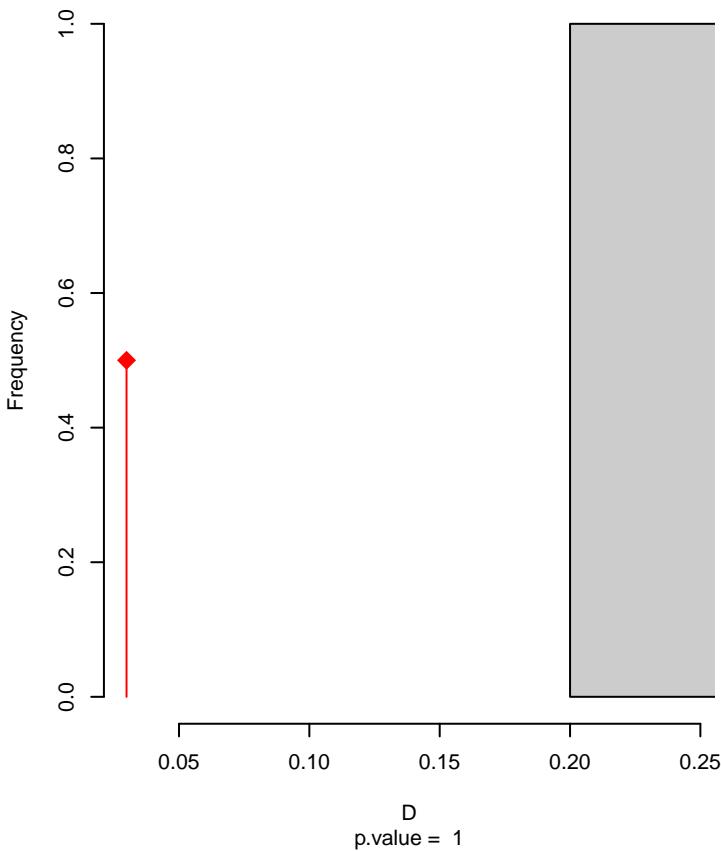
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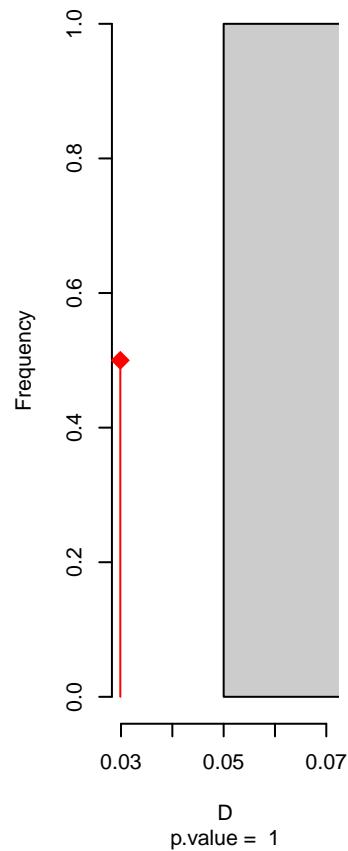
# Xolmis\_rubetra seasonal overlap-hypo wi



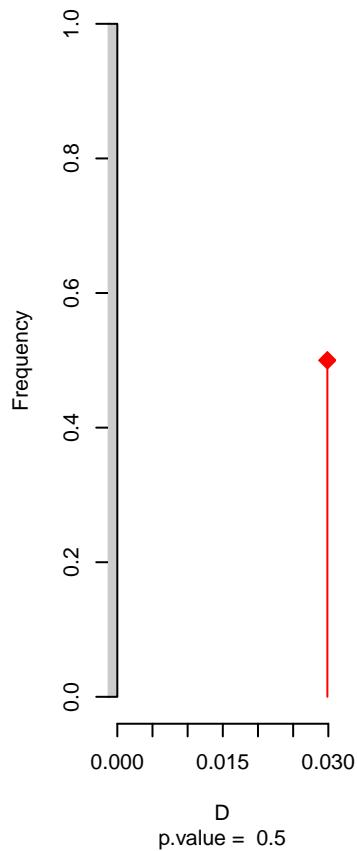
**Equivalency**

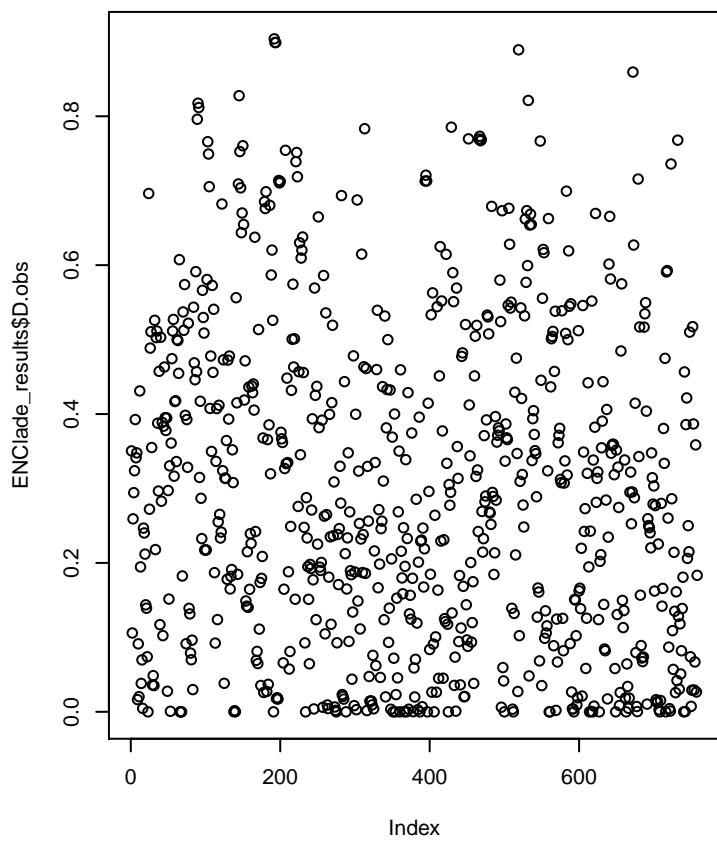
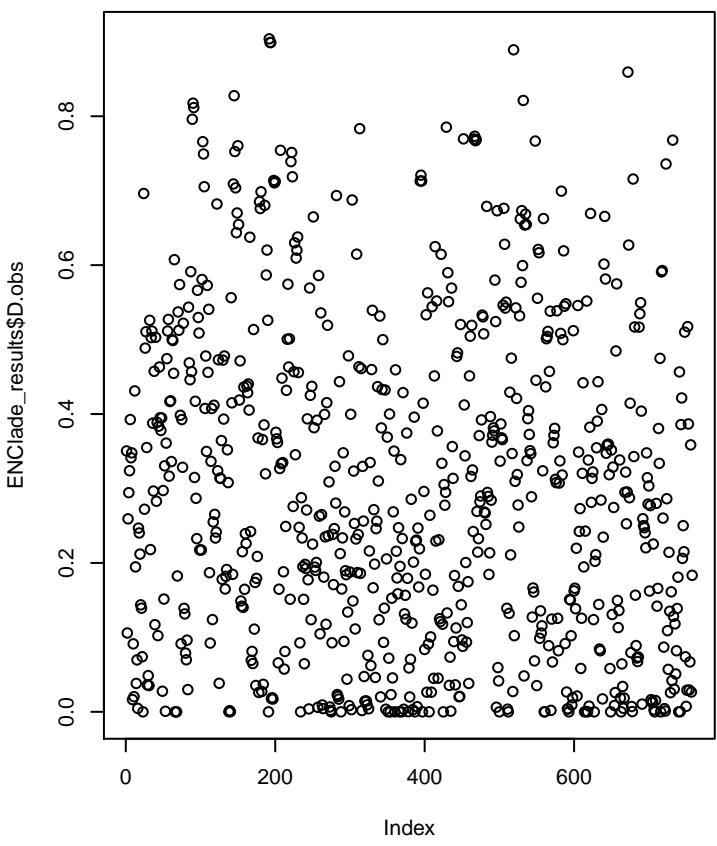


**Similarity 2→1**

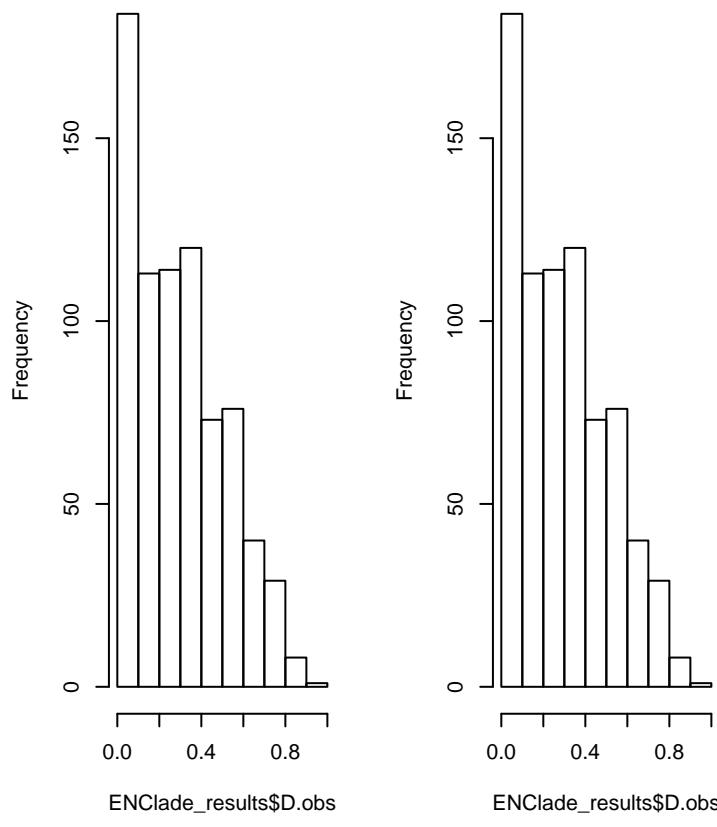
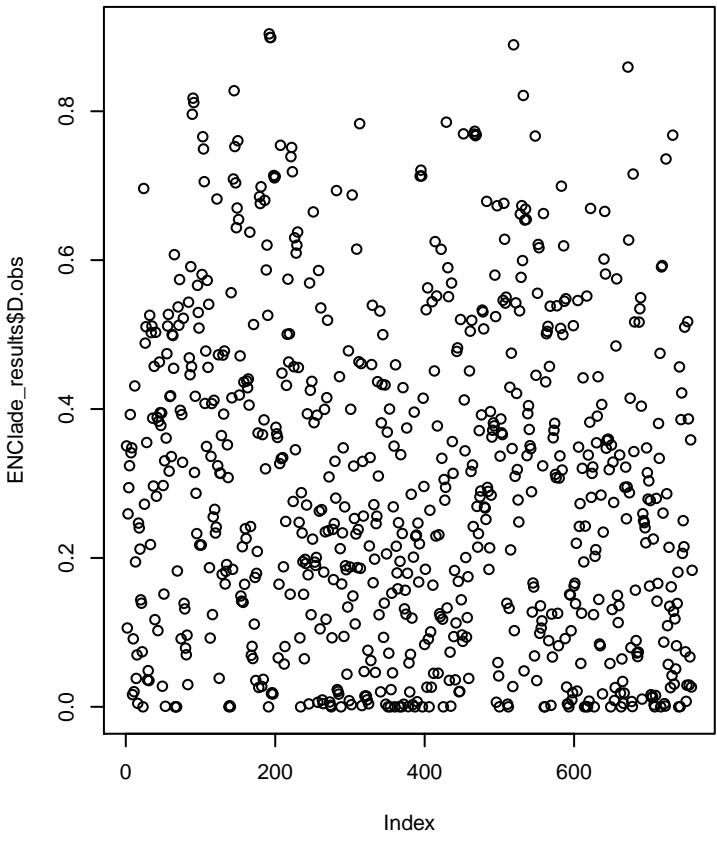


**Similarity 1→2**

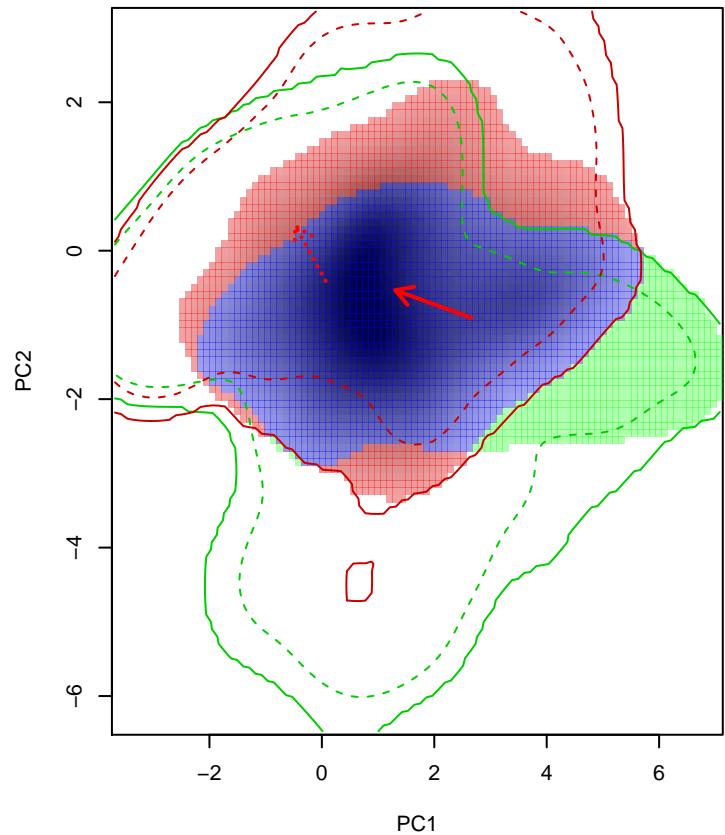
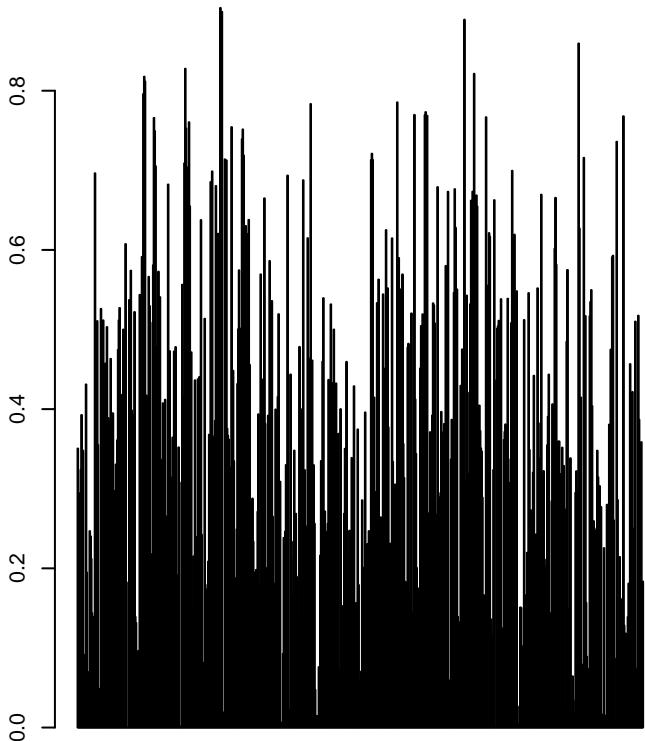




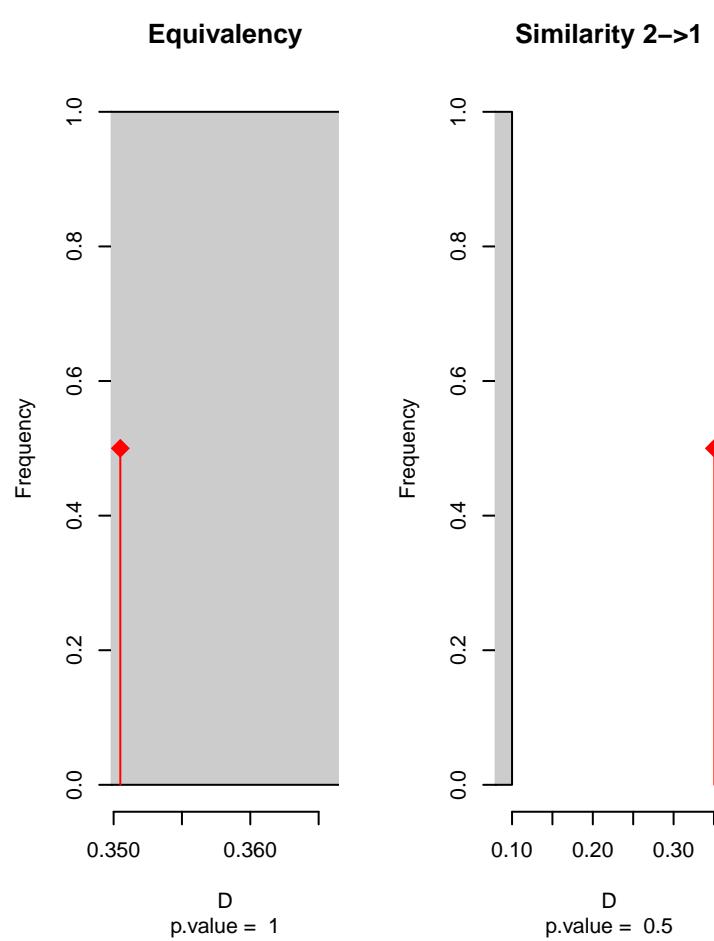
histogram of ENClade\_results\$listogram of ENClade\_results\$



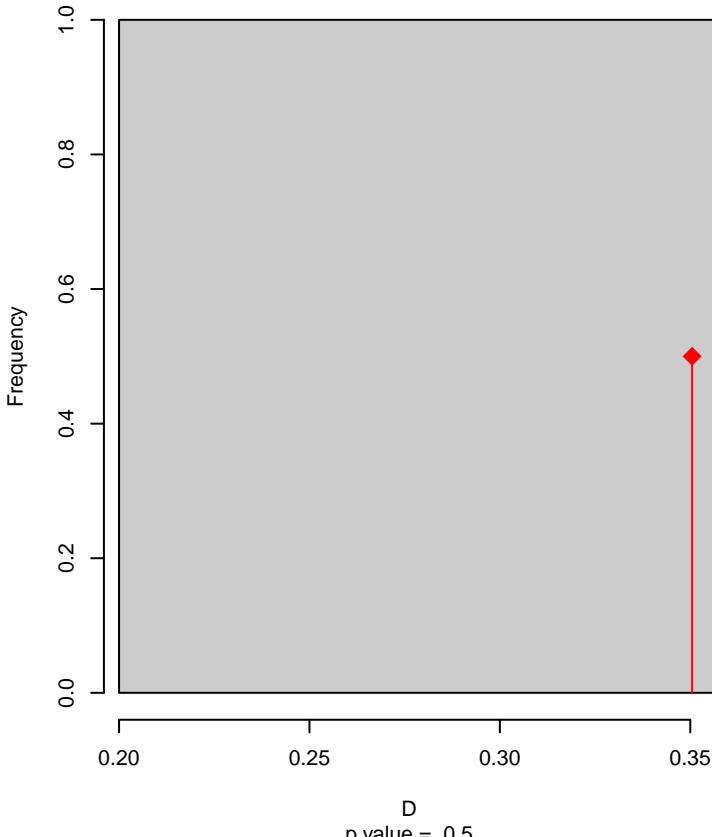
### Agriornis\_albicauda seasonal overlap



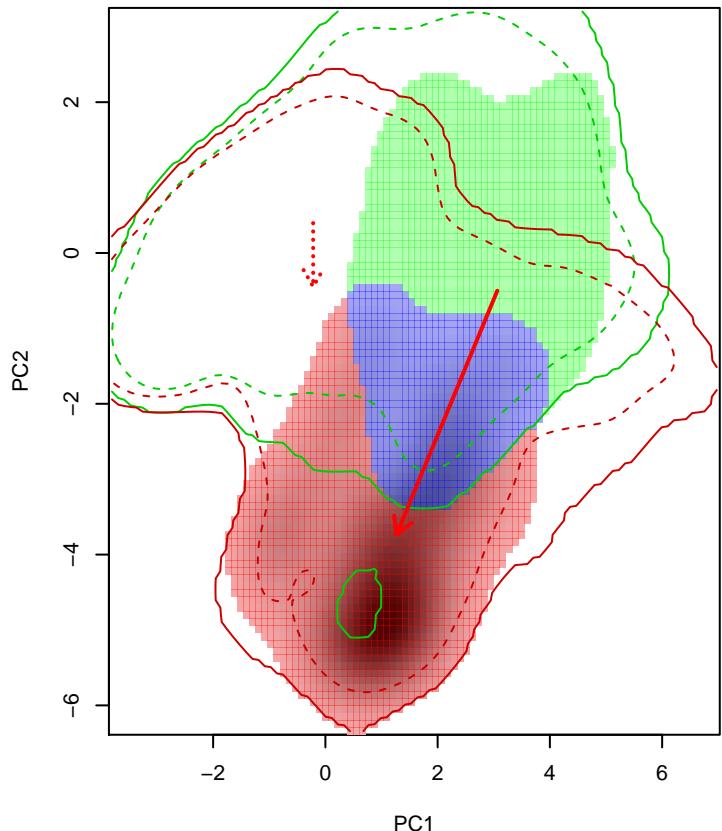
niche overlap:  
 $D = 0.35$



**Similarity 1→2**

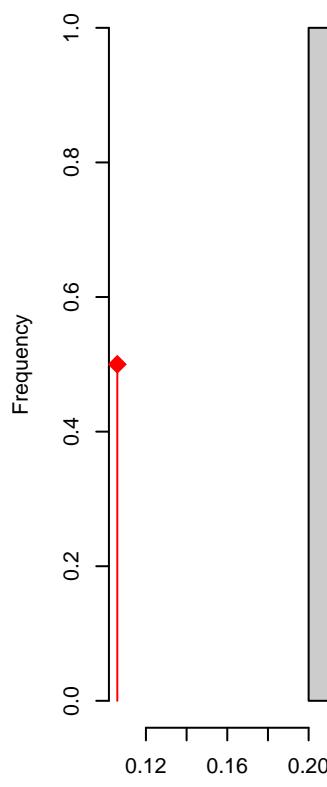


**Agriornis\_lividus seasonal overlap**

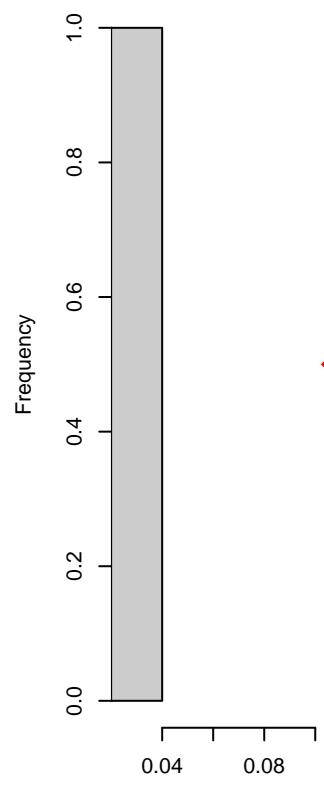


niche overlap:  
 $D = 0.106$

**Equivalency**



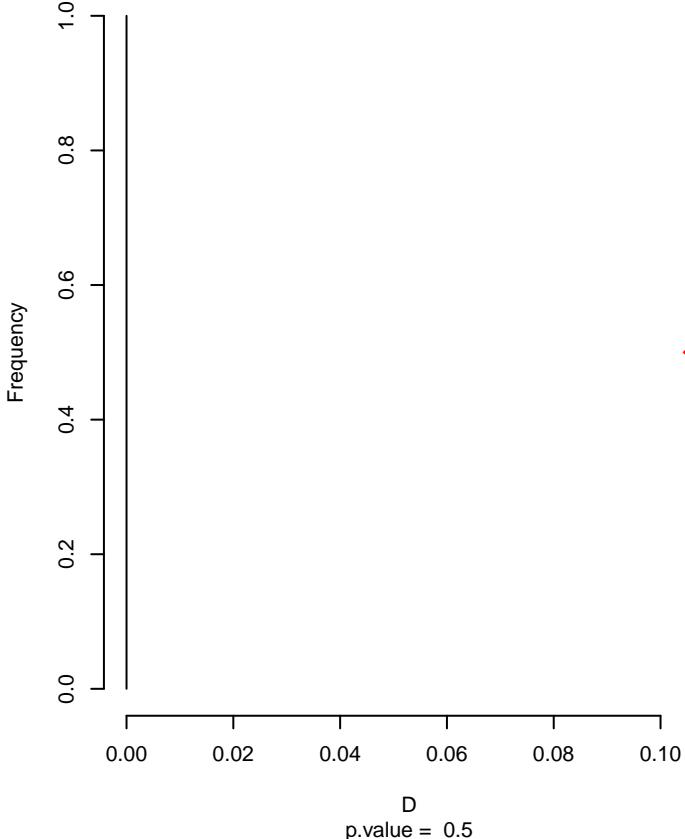
**Similarity 2→1**



D  
p.value = 1

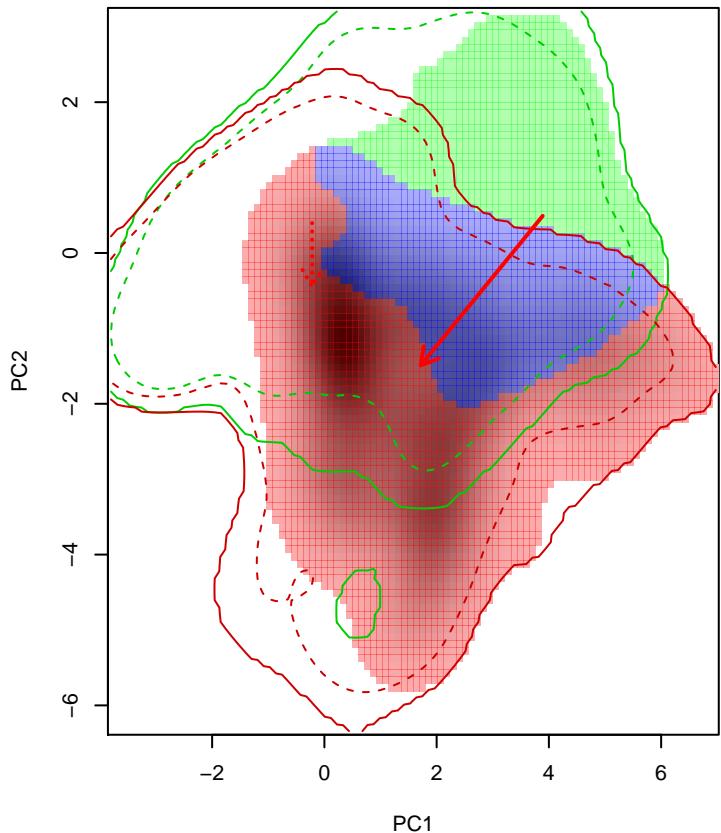
D  
p.value = 0.5

**Similarity 1->2**

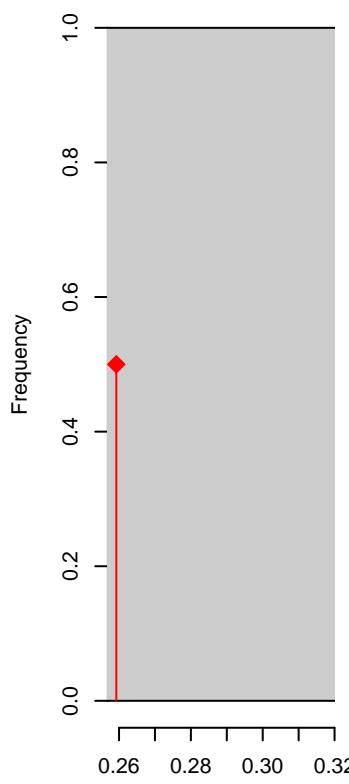


niche overlap:  
 $D=0.259$

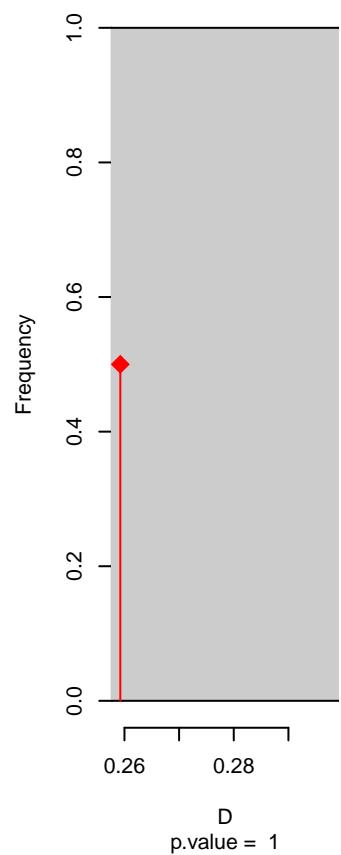
**Agriornis\_micropterus seasonal overlap**



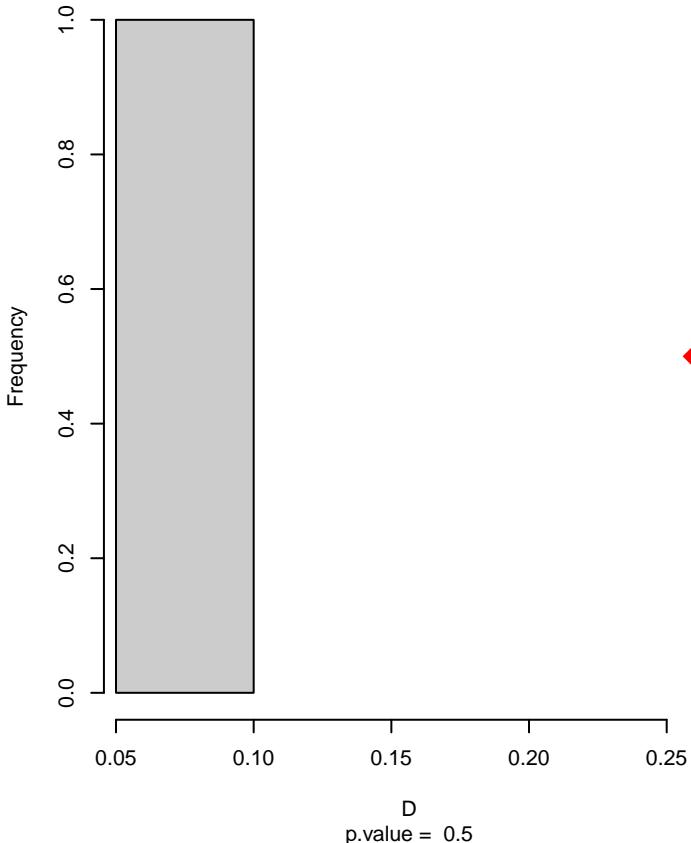
**Equivalency**



**Similarity 2->1**

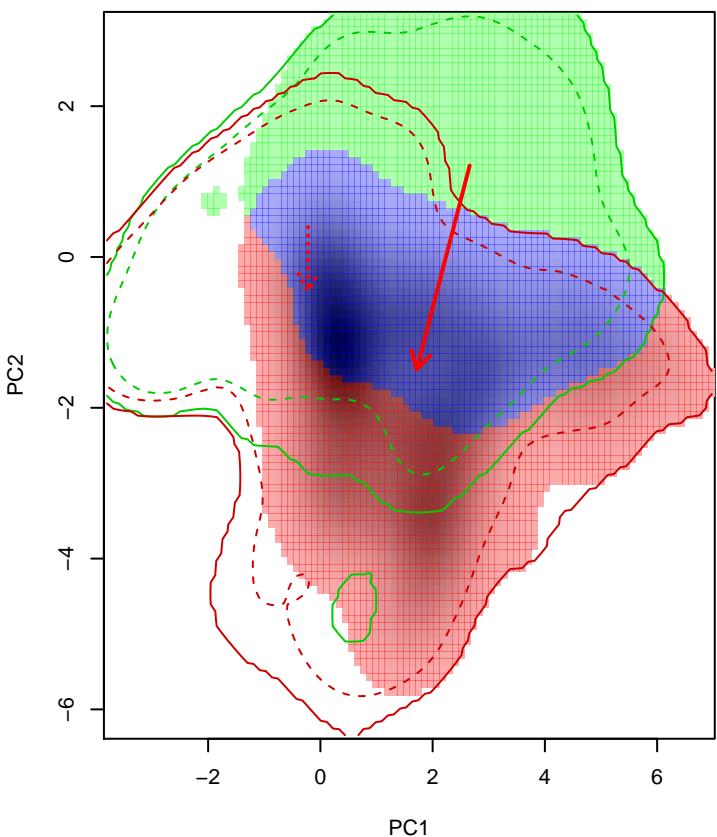


Similarity 1->2

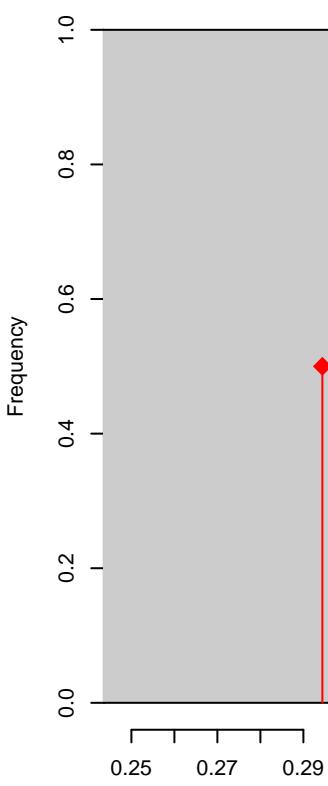


niche overlap:  
 $D=0.294$

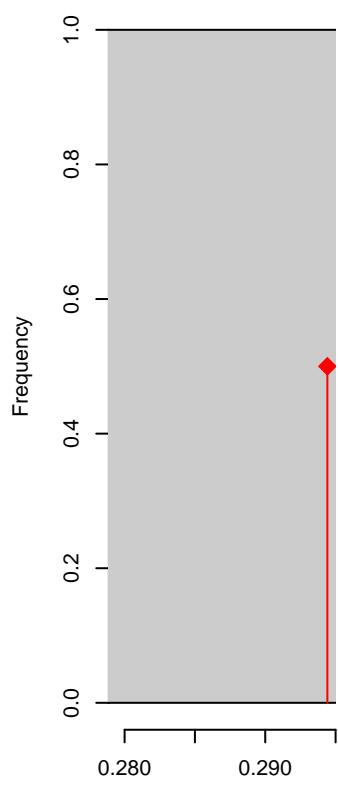
Agriornis\_micropoterus seasonal overlap-hypo.br



Equivalency



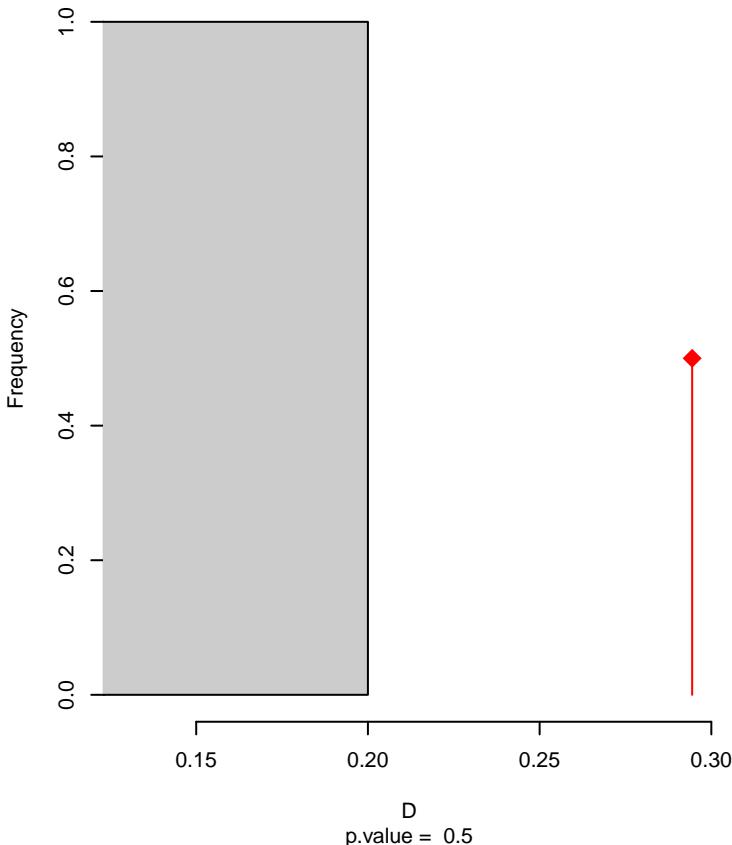
Similarity 2->1



D  
p.value = 0.5

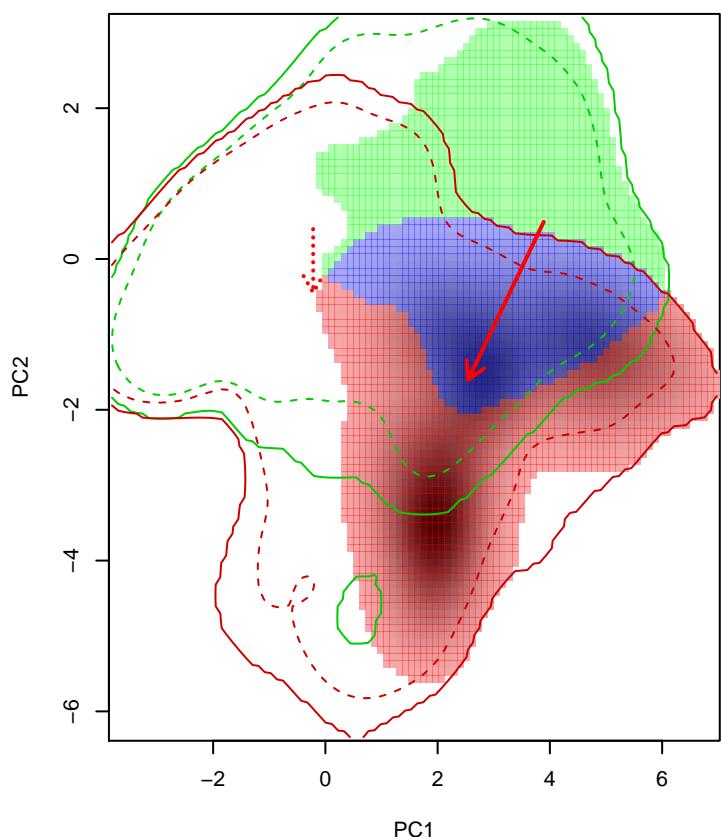
D  
p.value = 0.5

**Similarity 1->2**

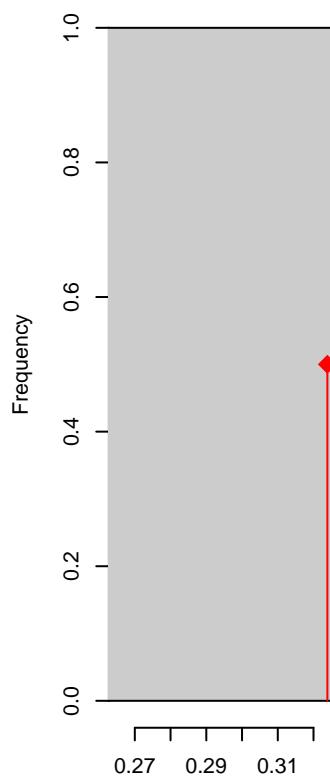


niche overlap:  
D= 0.324

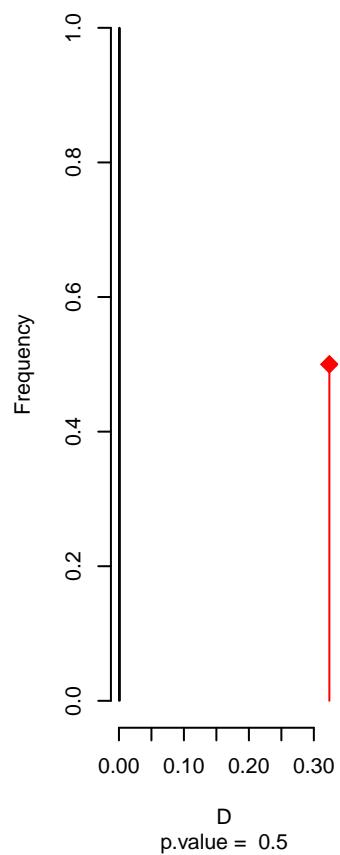
**Agriornis\_micropterus seasonal overlap-hypo wi**



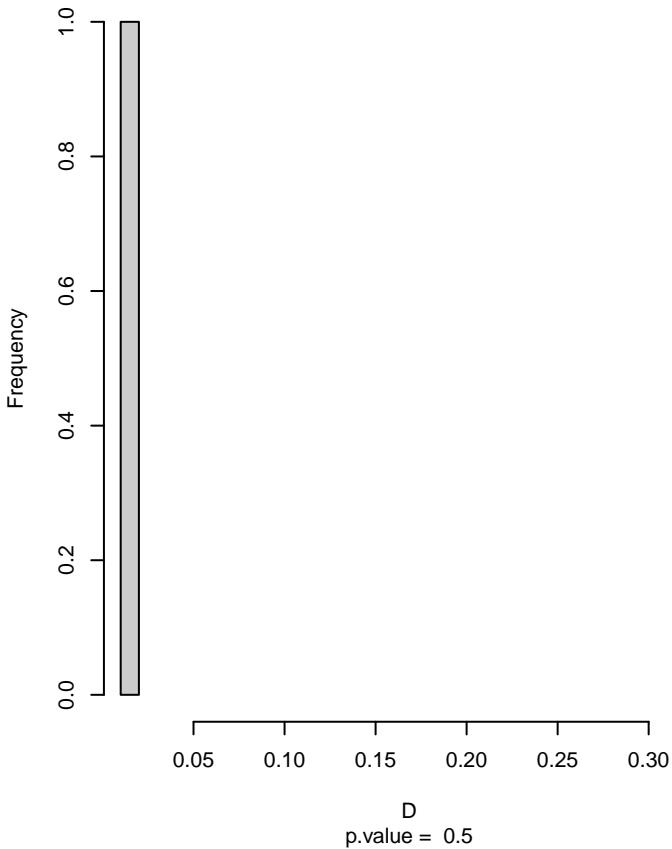
**Equivalency**



**Similarity 2->1**

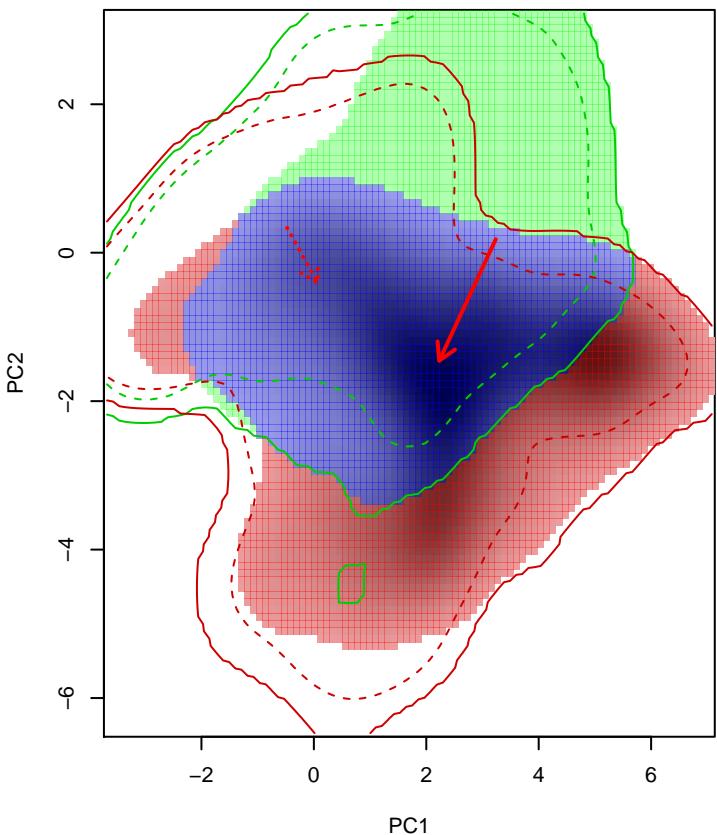


**Similarity 1->2**

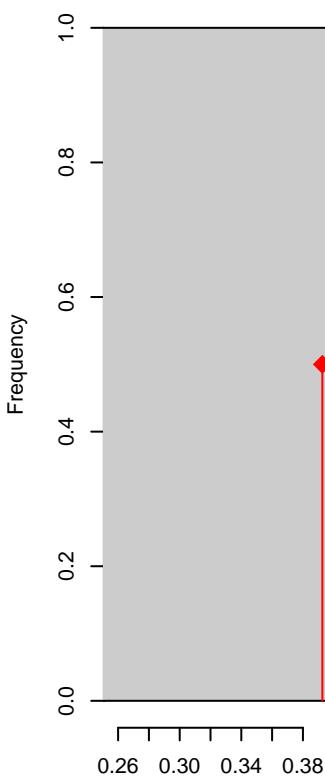


niche overlap:  
 $D = 0.393$

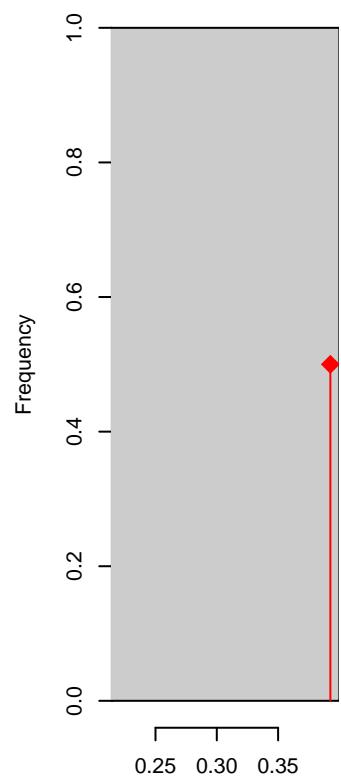
***Agriornis\_montanus* seasonal overlap**



**Equivalency**



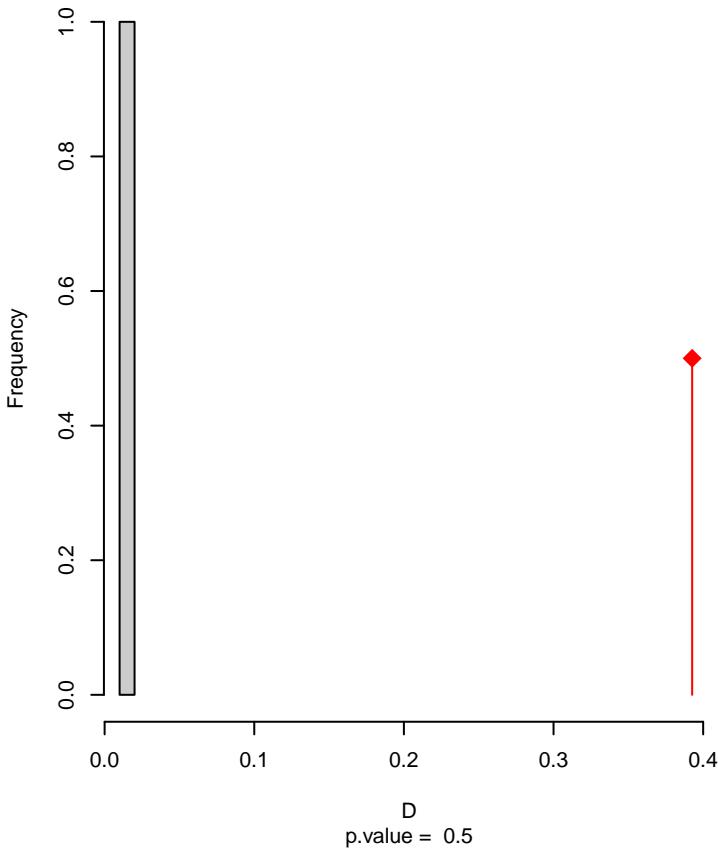
**Similarity 2->1**



D  
p.value = 0.5

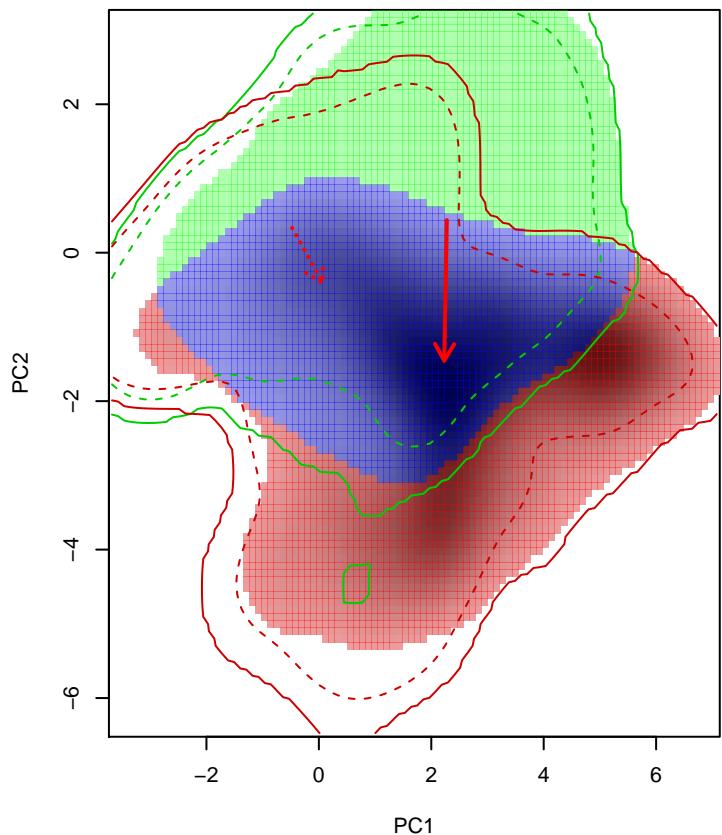
D  
p.value = 0.5

**Similarity 1->2**

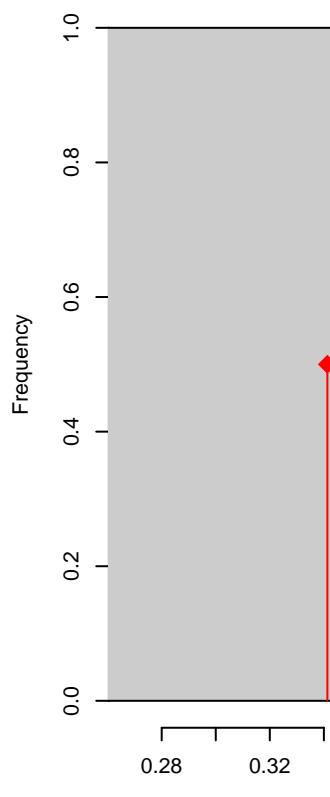


niche overlap:  
 $D = 0.341$

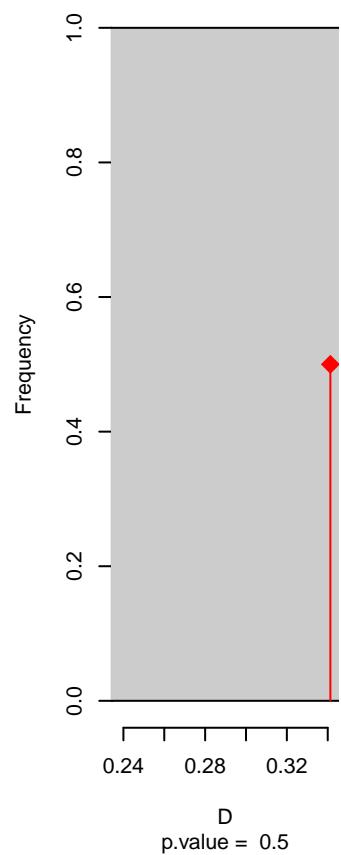
***Agriornis\_montanus* seasonal overlap-hypo.br**



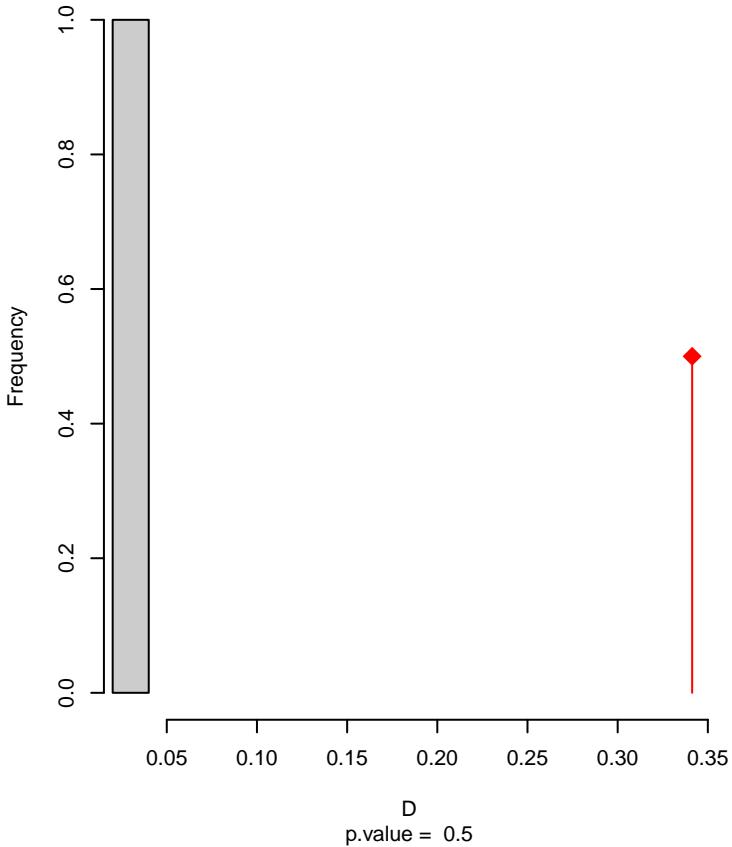
**Equivalency**



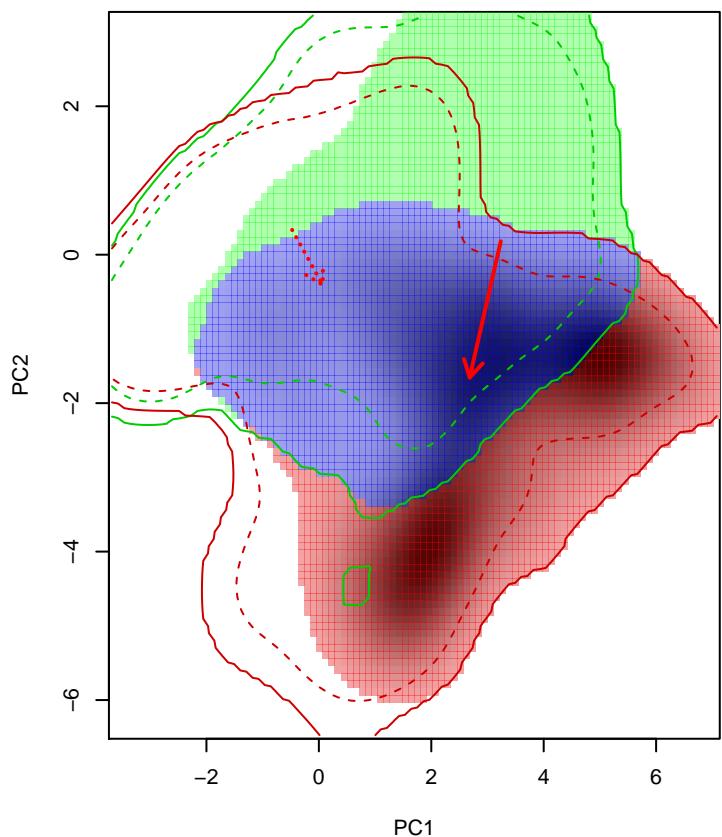
**Similarity 2->1**



**Similarity 1->2**

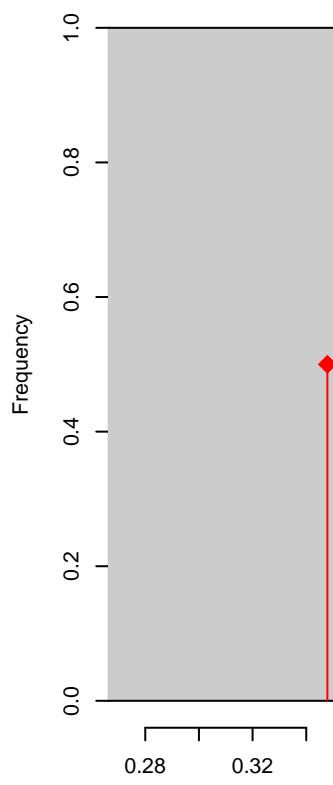


**Agriornis\_montanus seasonal overlap-hypo wi**

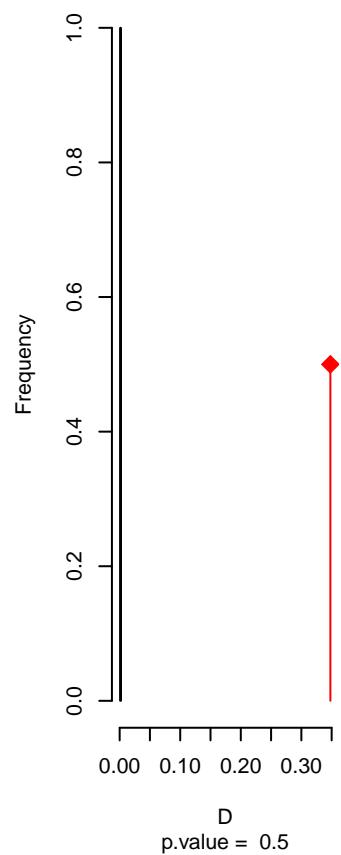


niche overlap:  
D= 0.348

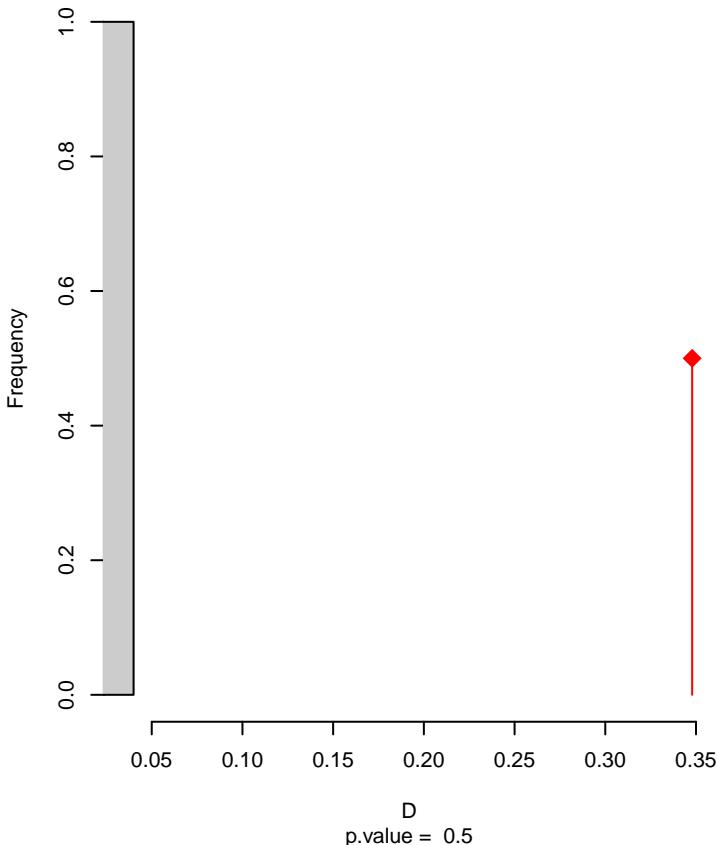
**Equivalency**



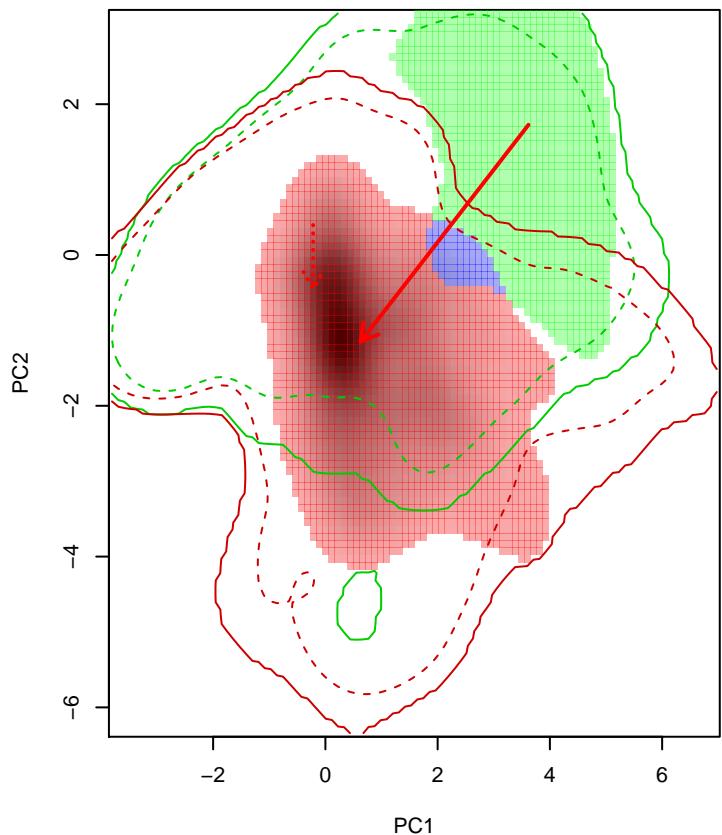
**Similarity 2->1**



**Similarity 1→2**

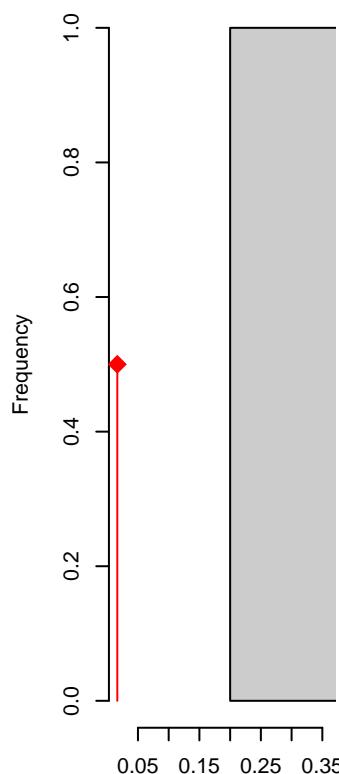


***Agriornis\_murinus* seasonal overlap**

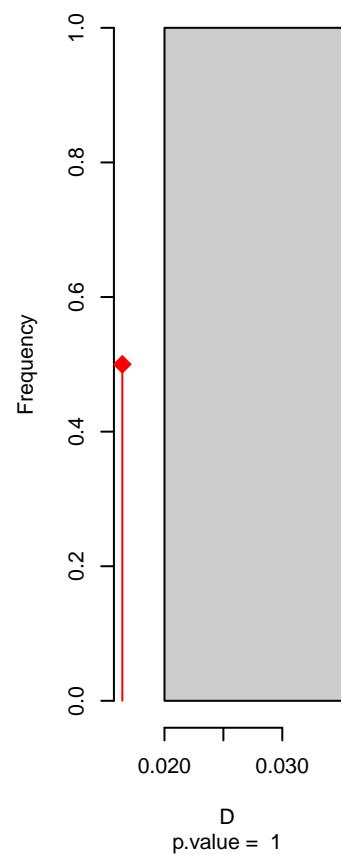


niche overlap:  
D= 0.016

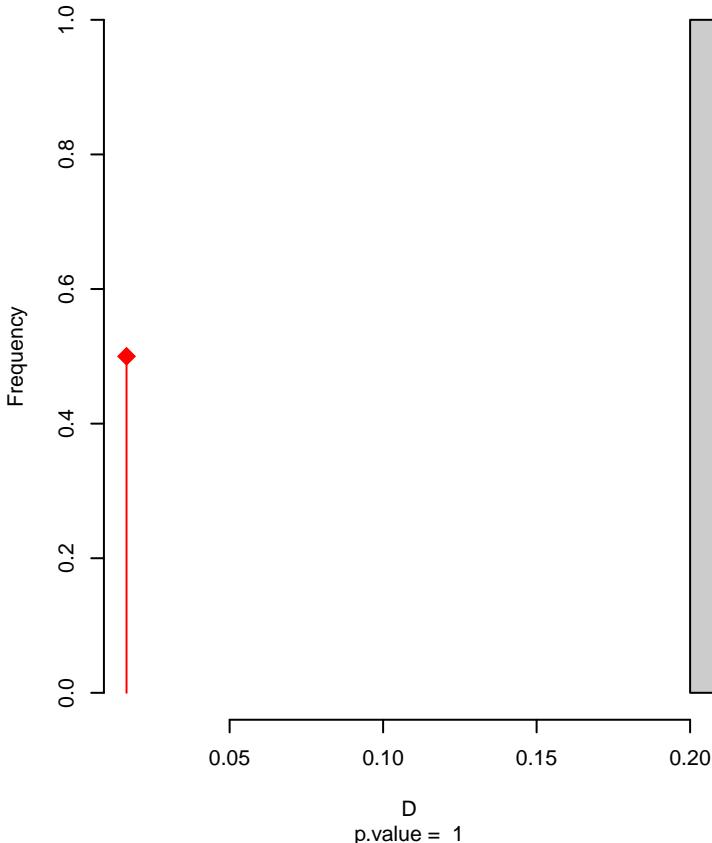
**Equivalency**



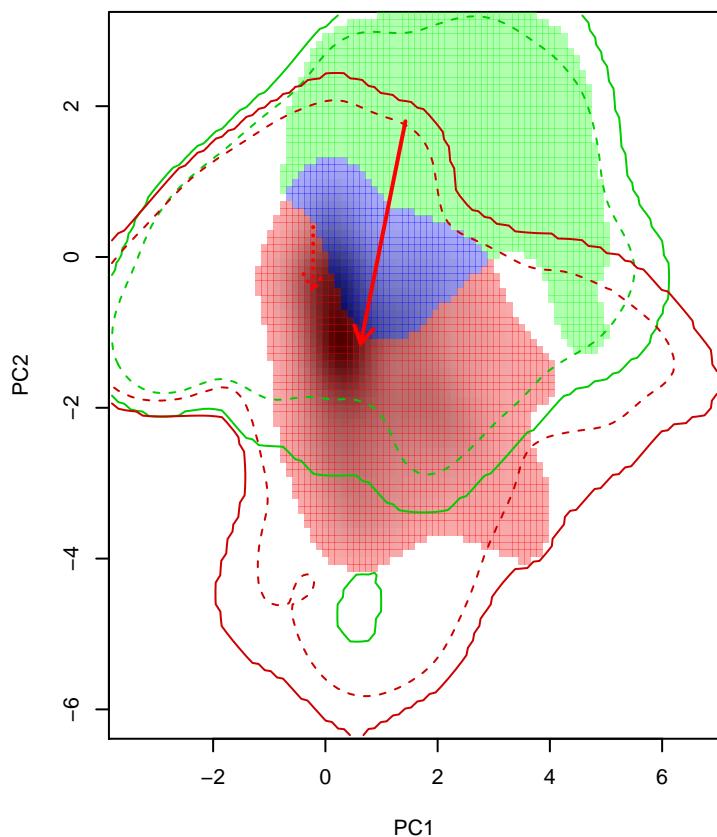
**Similarity 2→1**



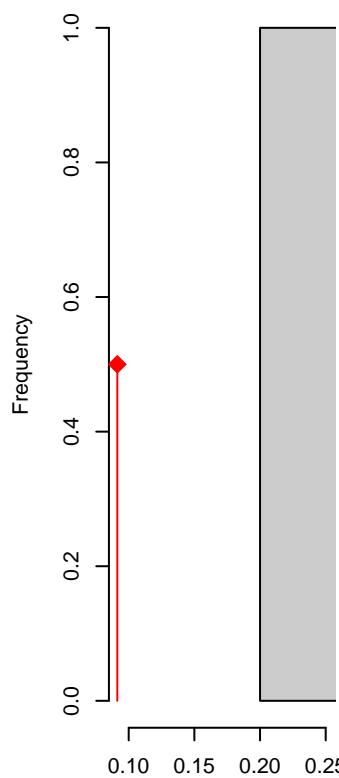
**Similarity 1->2**



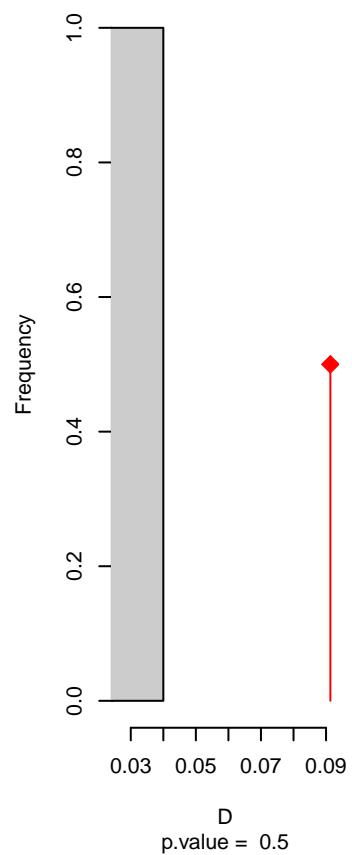
**Agriornis\_murinus seasonal overlap-hypo.br**



**Equivalency**

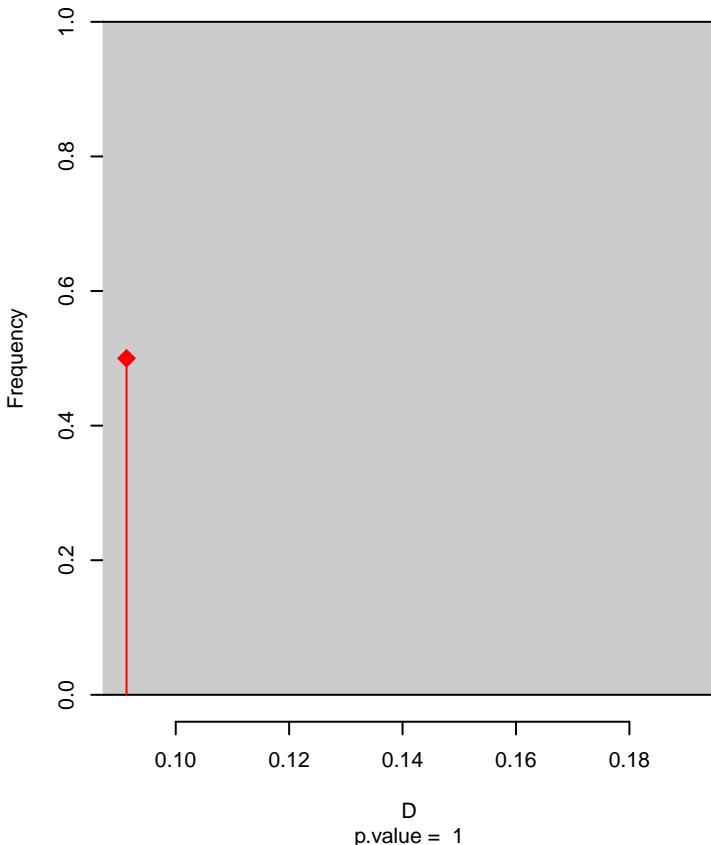


**Similarity 2->1**

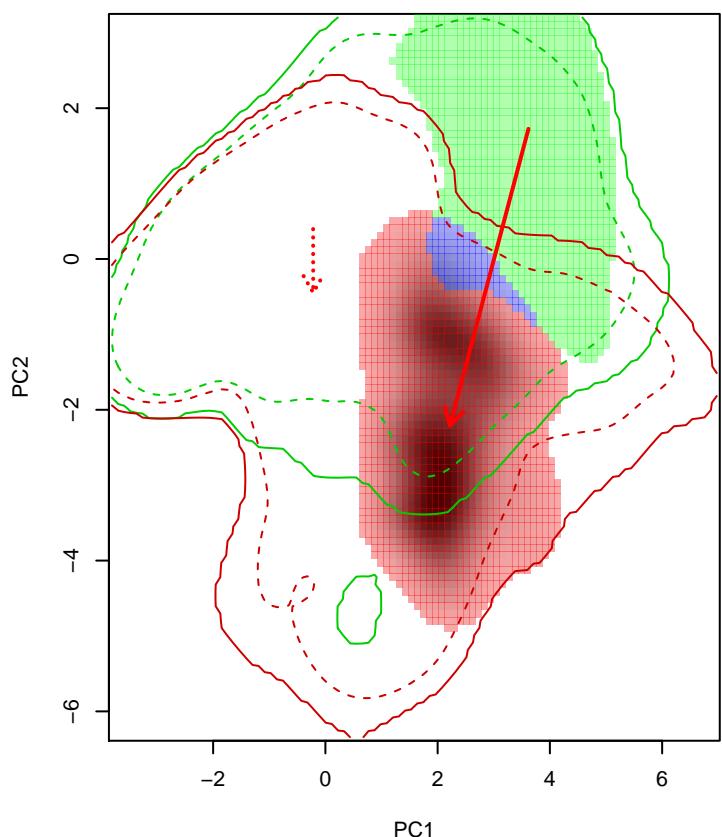


niche overlap:  
D= 0.091

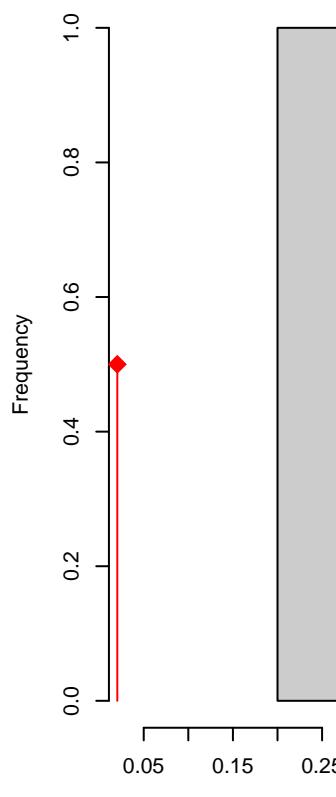
**Similarity 1->2**



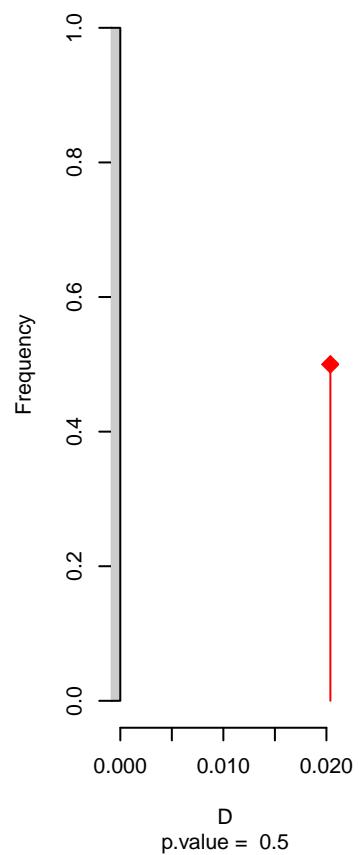
**Agriornis\_murinus seasonal overlap-hypo wi**



**Equivalency**

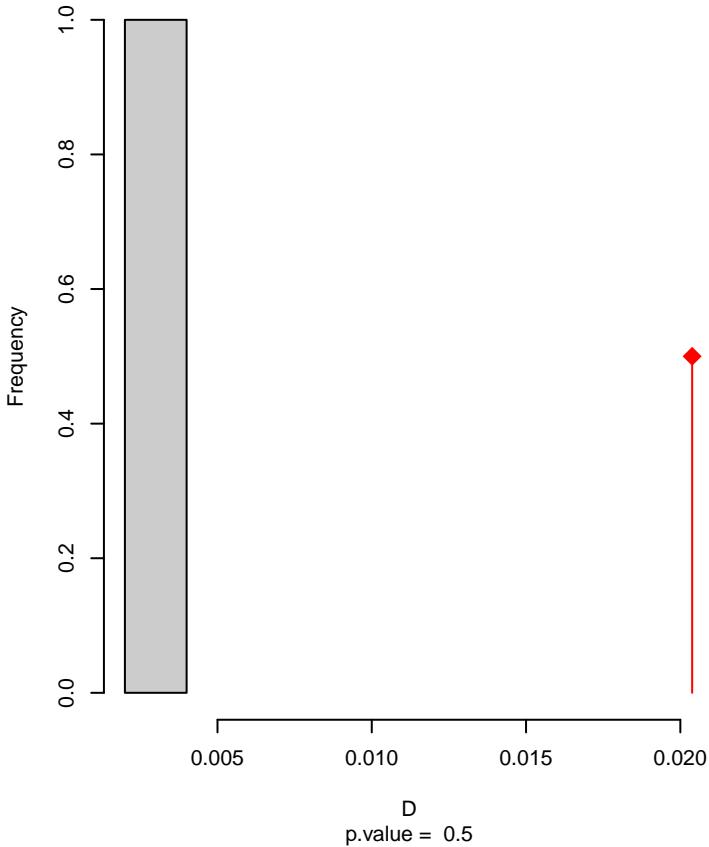


**Similarity 2->1**



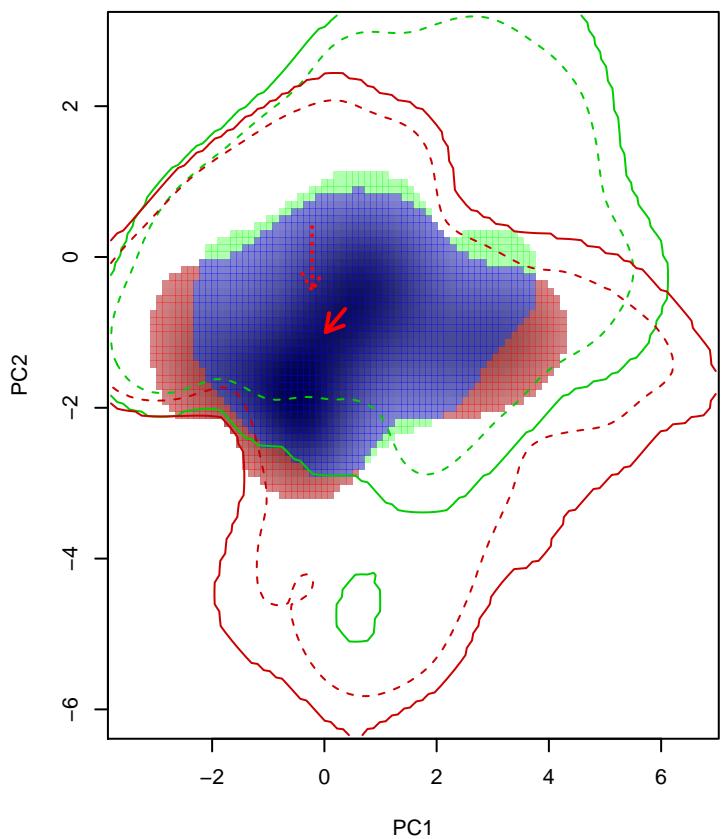
niche overlap:  
D= 0.02

**Similarity 1->2**

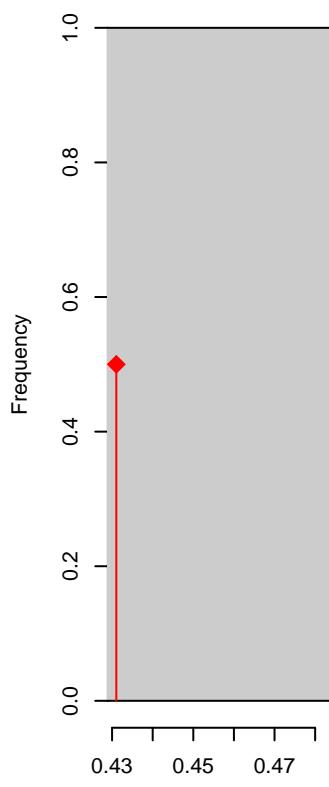


niche overlap:  
D= 0.431

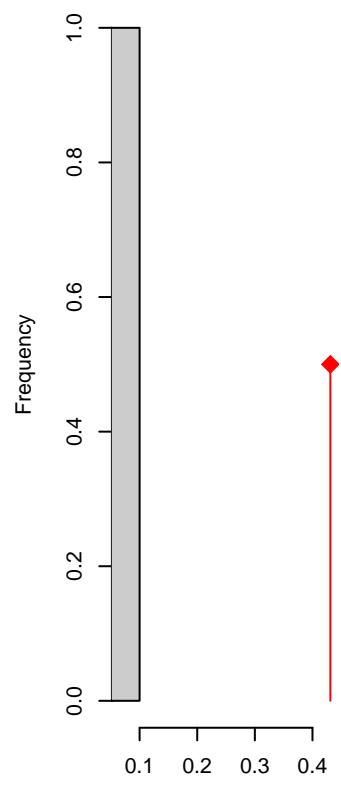
**Cnemarchus\_erythropygius seasonal overlap**



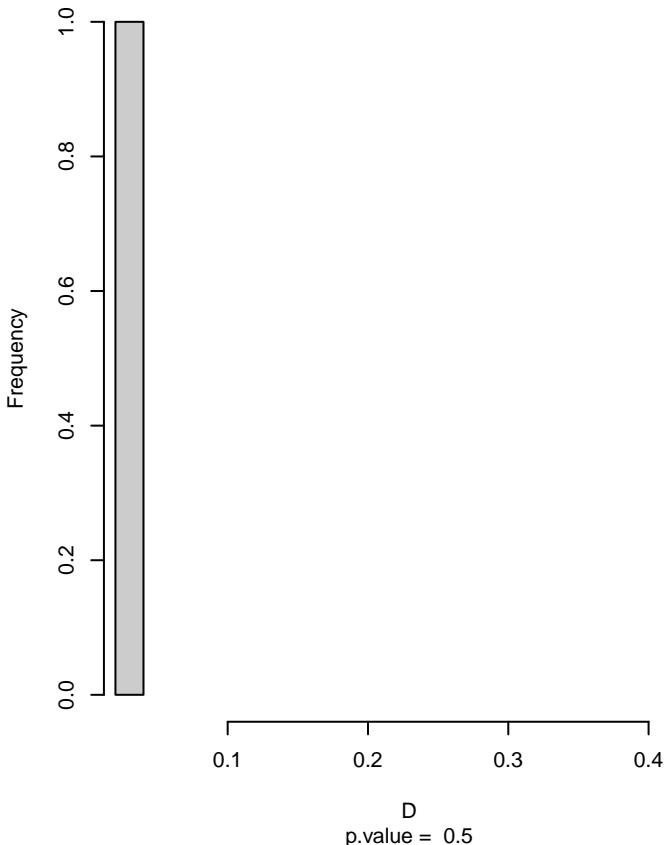
**Equivalency**



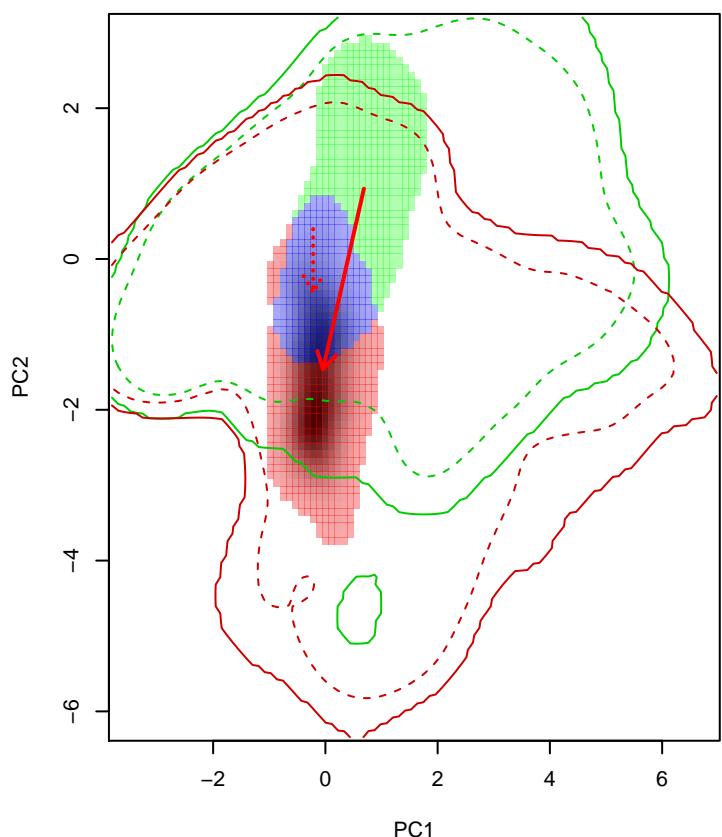
**Similarity 2->1**



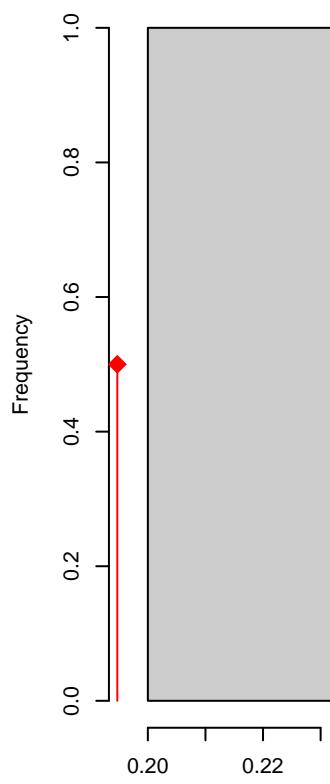
**Similarity 1→2**



**Heteroxolmis\_dominicana seasonal overlap**

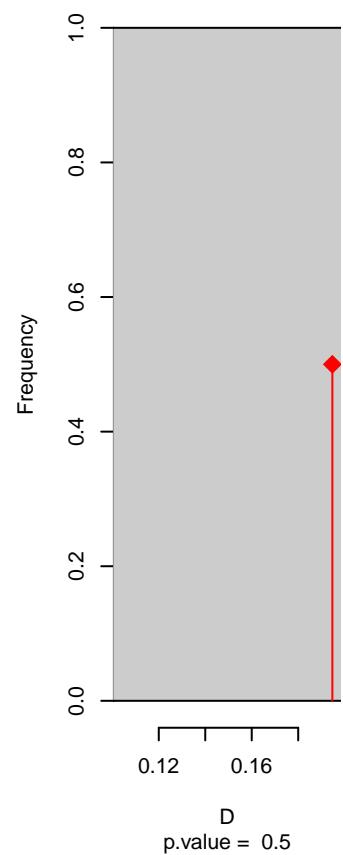


**Equivalency**



niche overlap:  
 $D = 0.195$

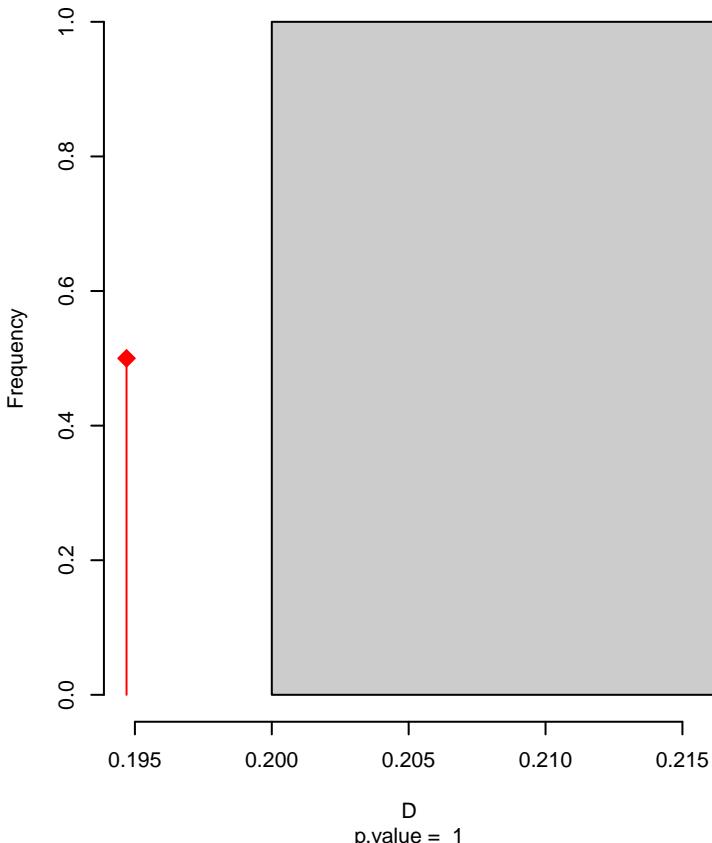
**Similarity 2→1**



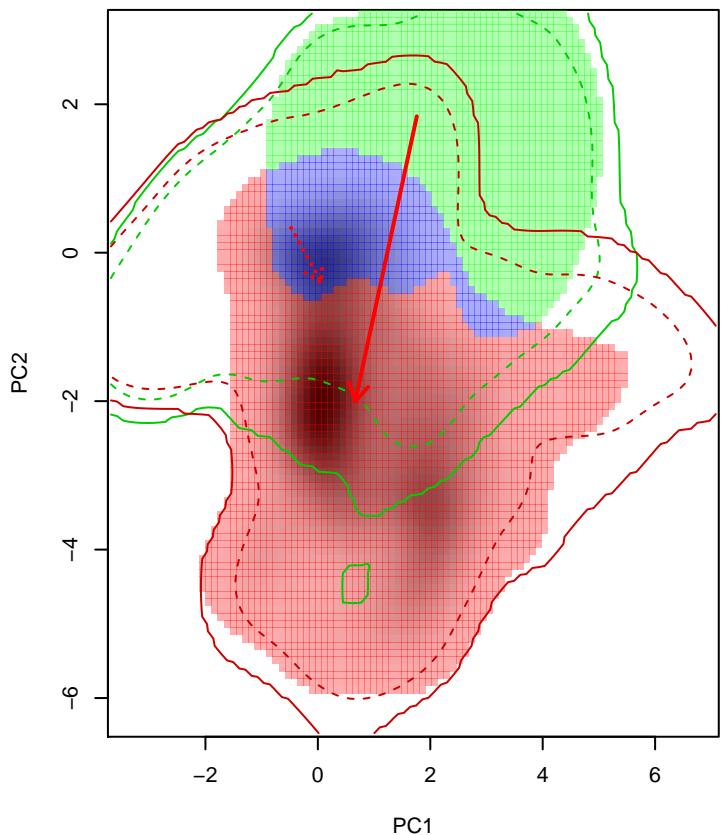
D  
p.value = 1

D  
p.value = 0.5

**Similarity 1->2**

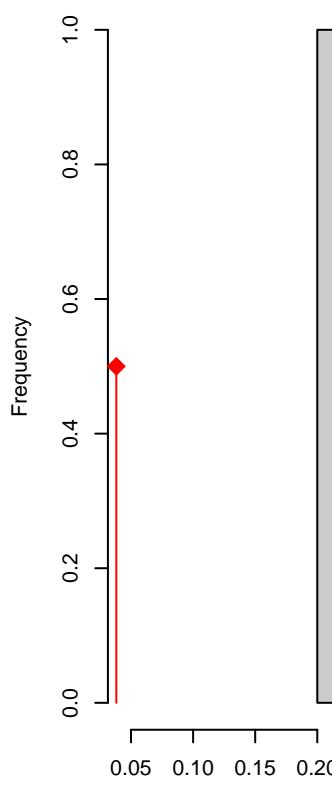


**Hymenops\_perspicillatus seasonal overlap**

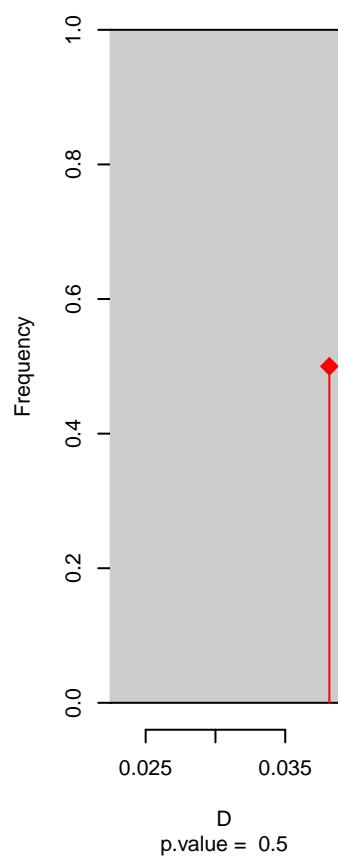


**Equivalency**

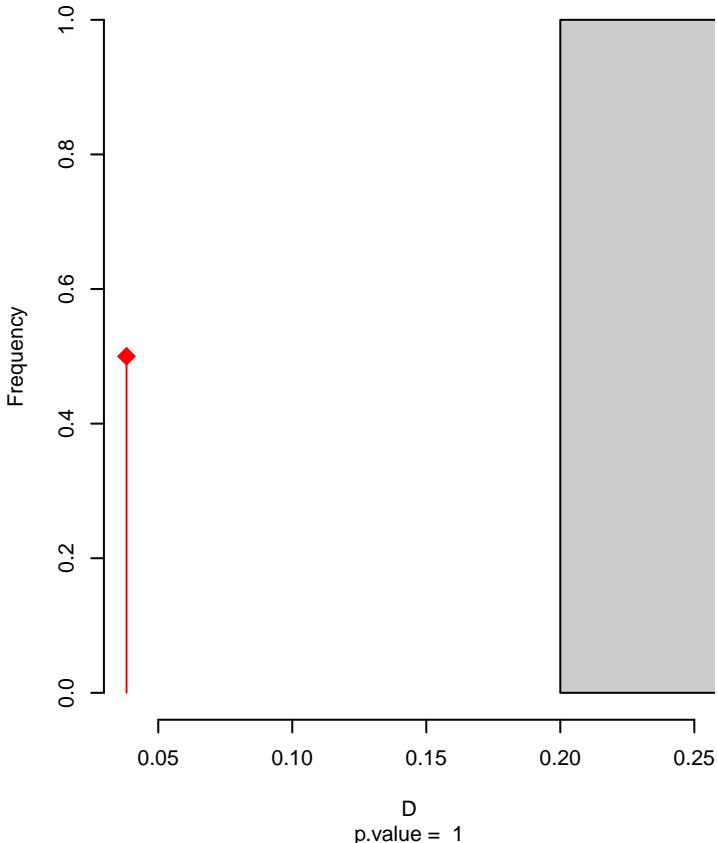
niche overlap:  
 $D=0.038$



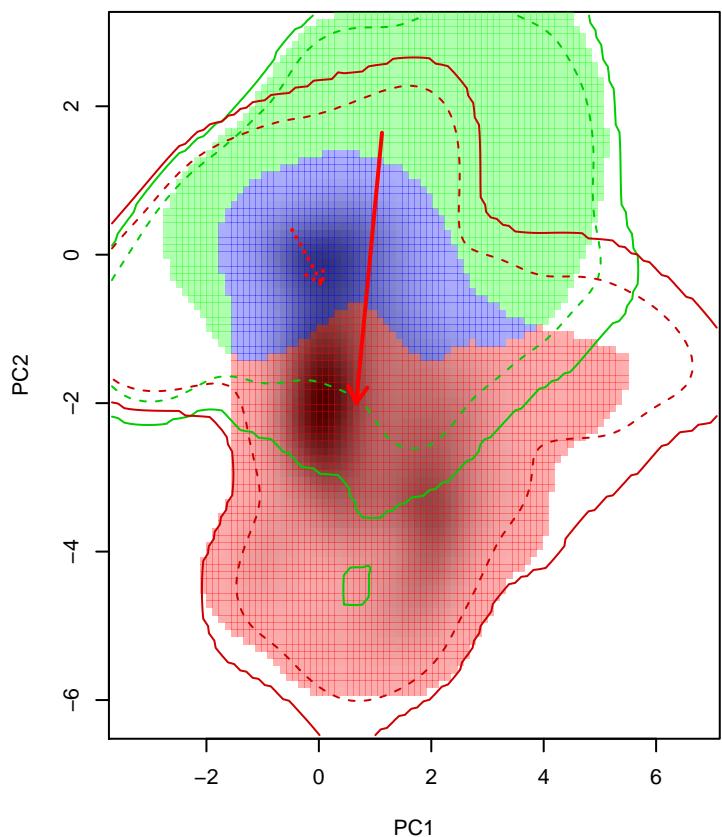
**Similarity 2->1**



**Similarity 1->2**

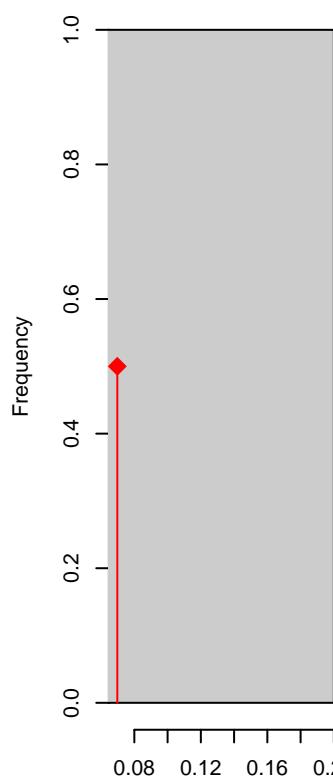


**Hymenops\_perspicillatus seasonal overlap-hypo.br**

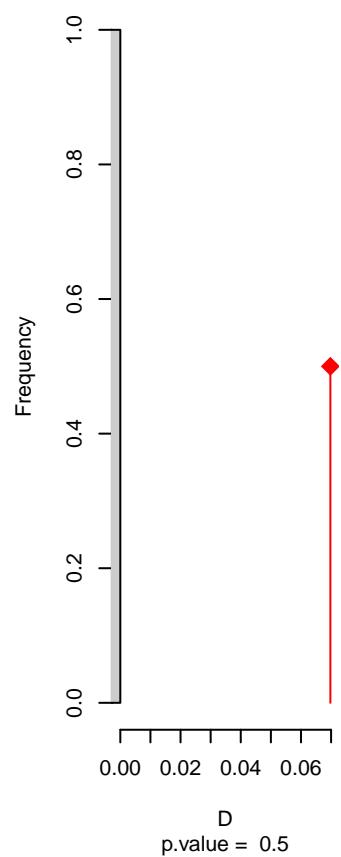


**Equivalency**

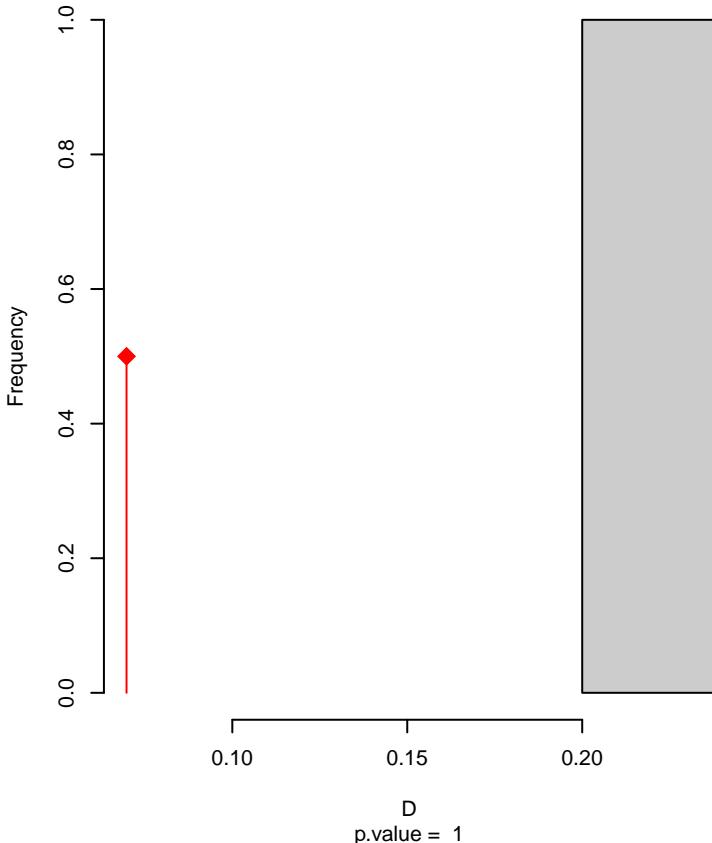
niche overlap:  
D= 0.07



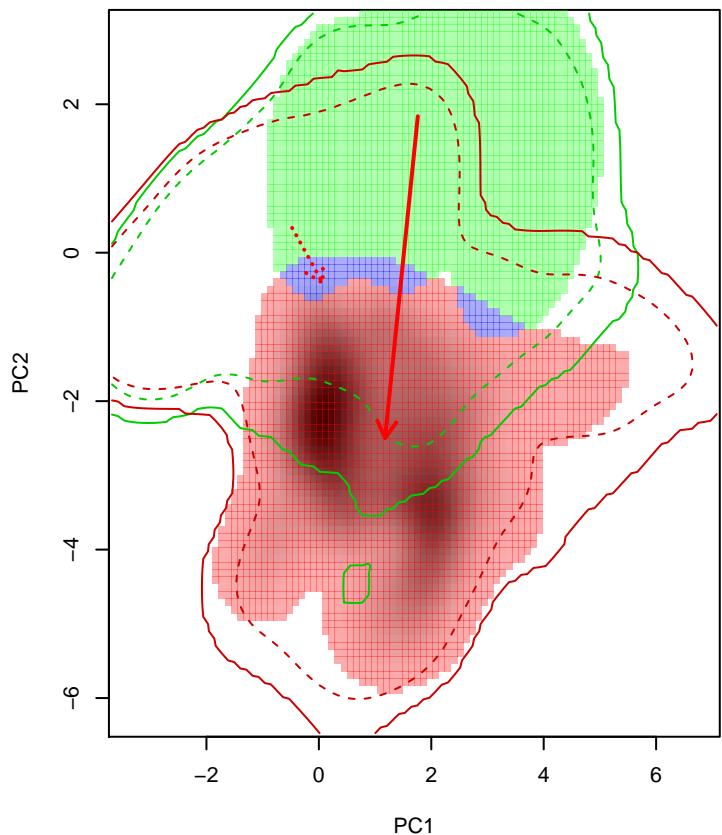
**Similarity 2->1**



**Similarity 1→2**

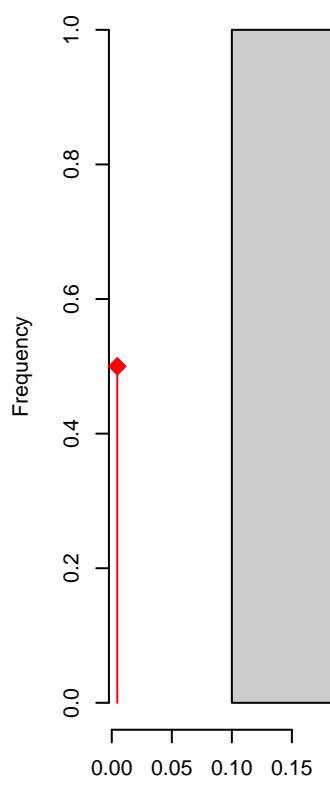


**Hymenops\_perspicillatus seasonal overlap-hypo wi**

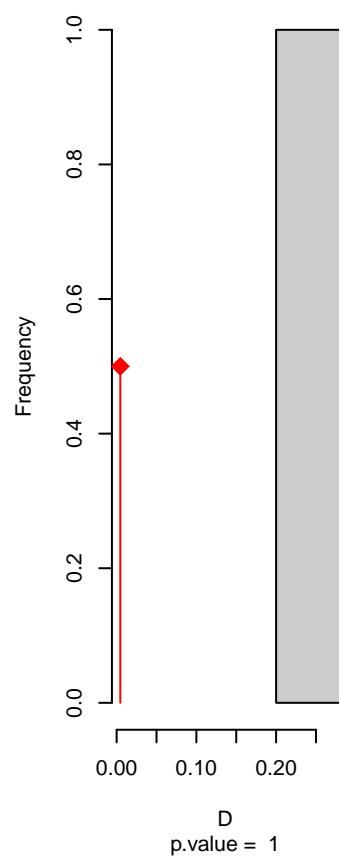


**Equivalency**

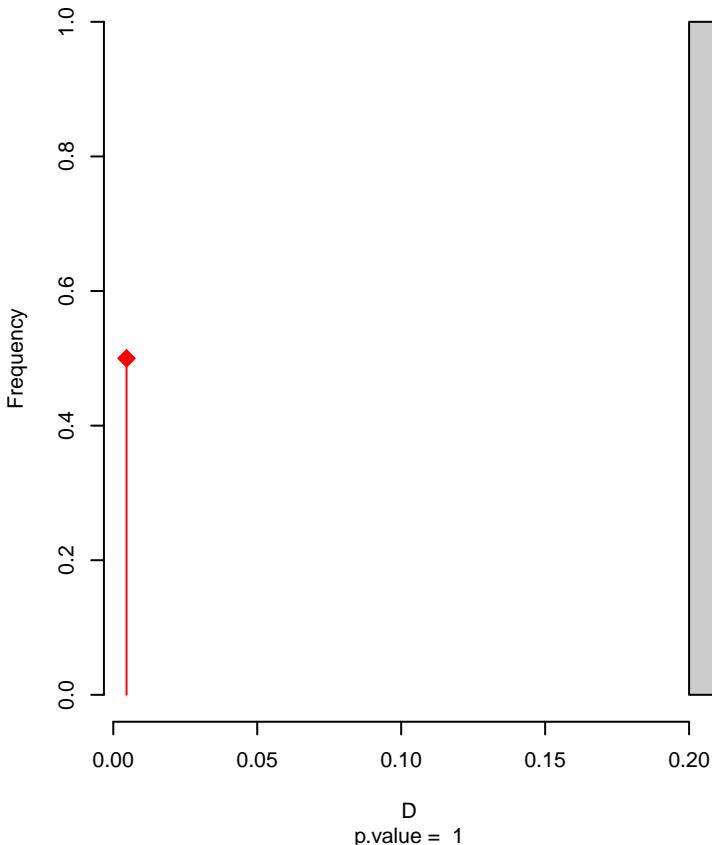
niche overlap:  
 $D = 0.005$



**Similarity 2→1**

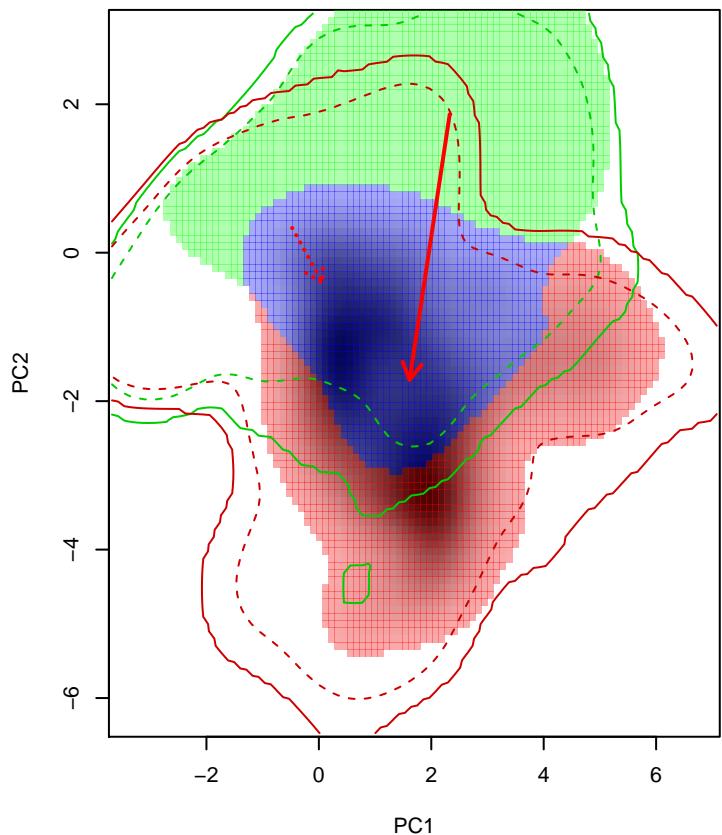


**Similarity 1->2**

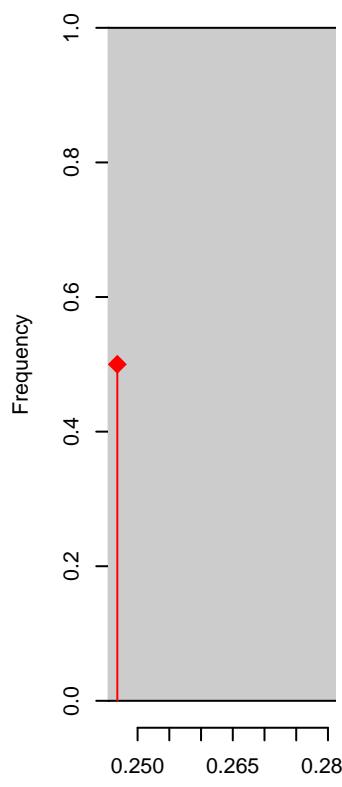


niche overlap:  
 $D = 0.247$

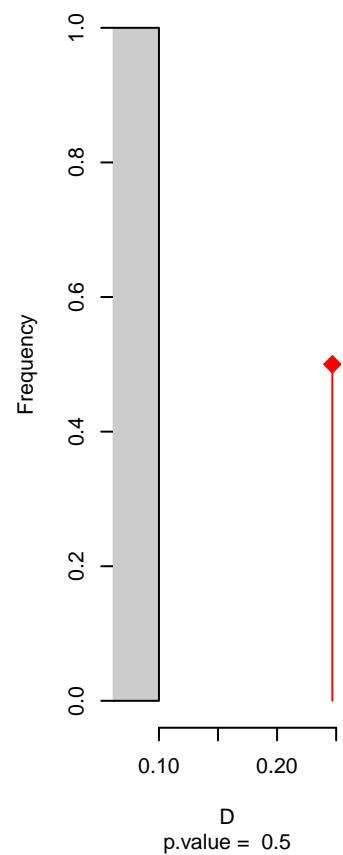
**Knipolegus\_aterrimus seasonal overlap**



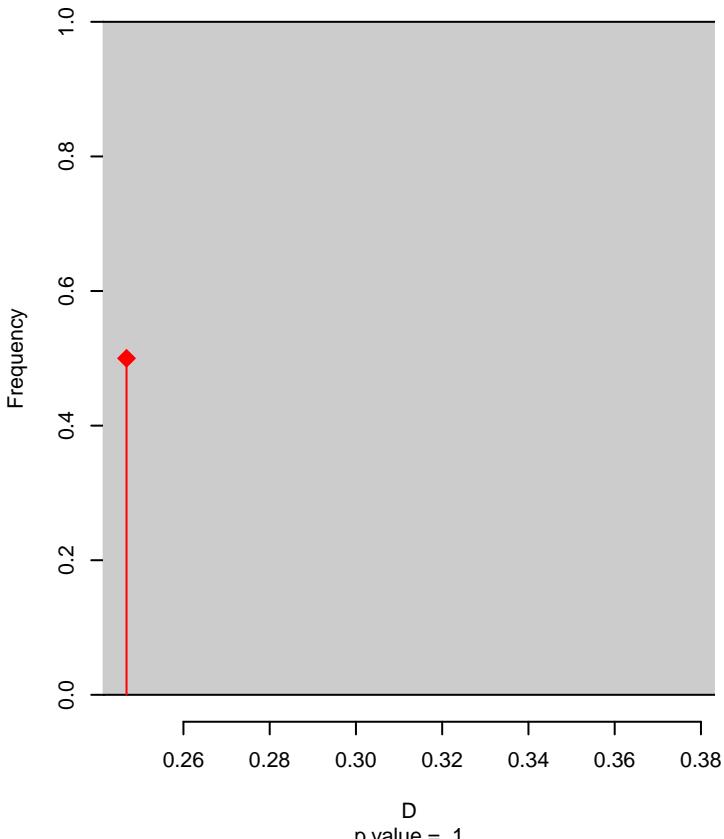
**Equivalency**



**Similarity 2->1**

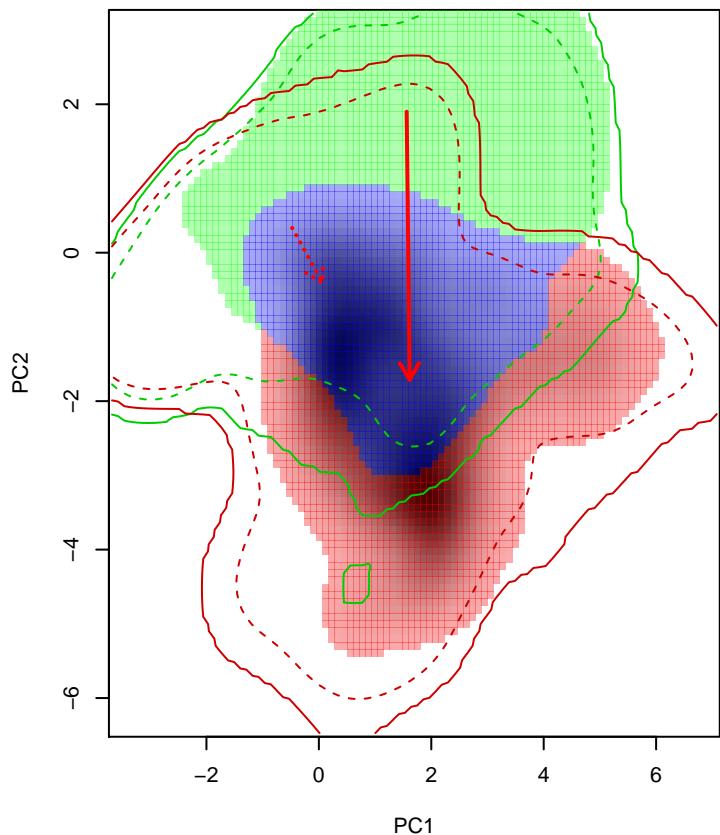


**Similarity 1->2**

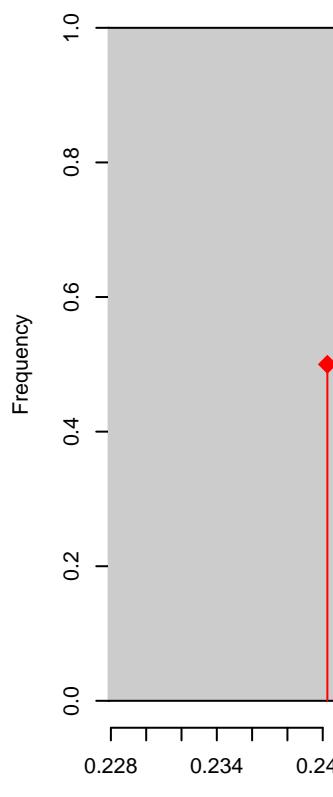


niche overlap:  
D= 0.24

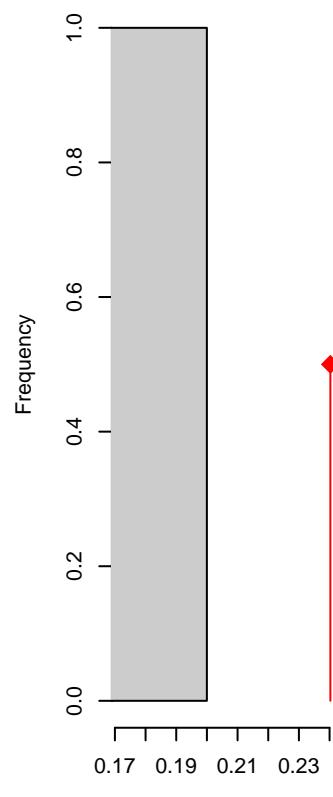
**Knipolegus\_aterrimus seasonal overlap-hypo.br**



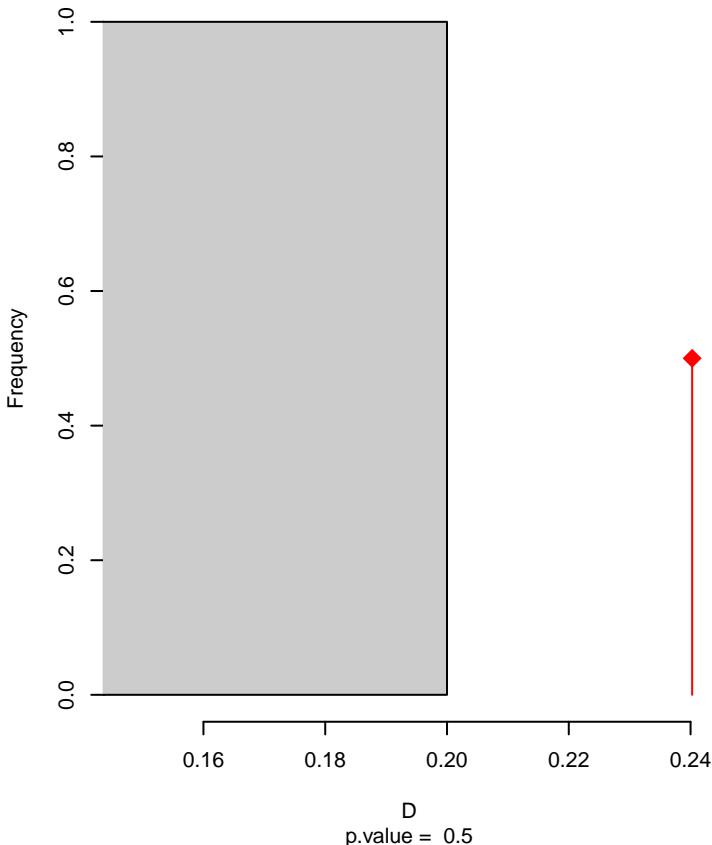
**Equivalency**



**Similarity 2->1**

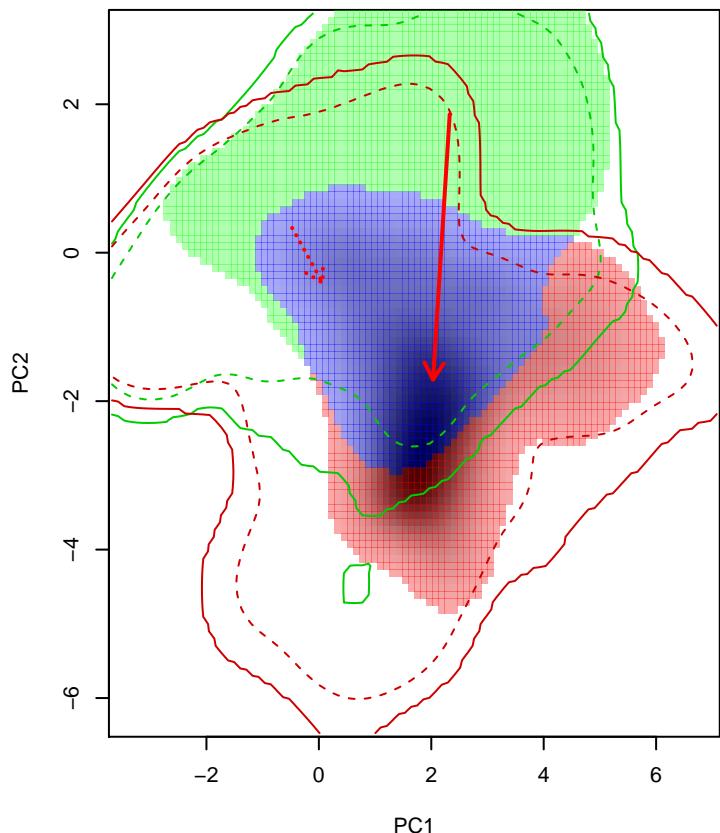


**Similarity 1->2**

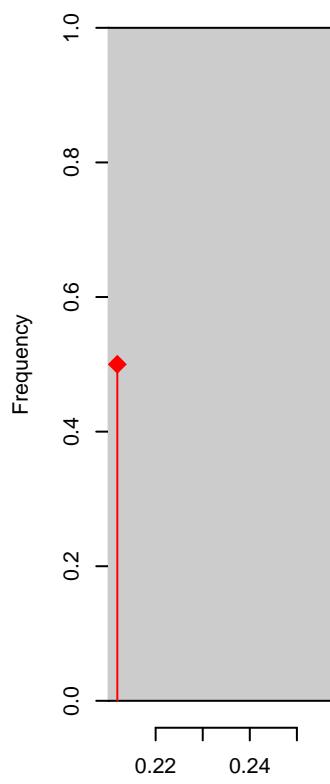


niche overlap:  
 $D = 0.212$

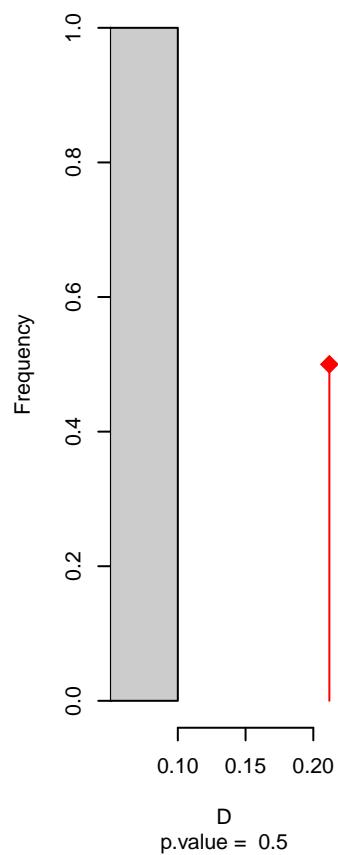
**Knipolegus\_aterrimus seasonal overlap-hypo wi**



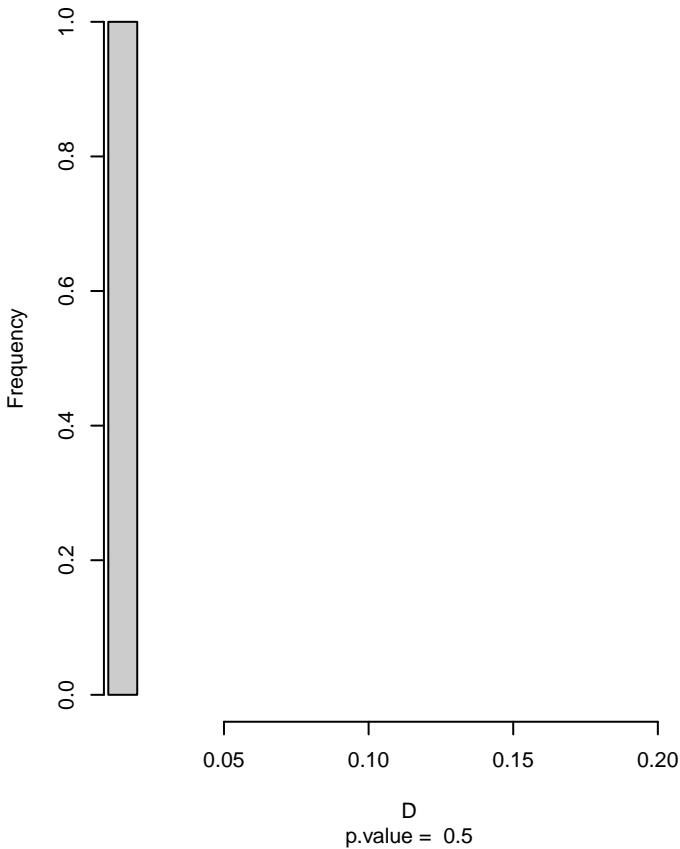
**Equivalency**



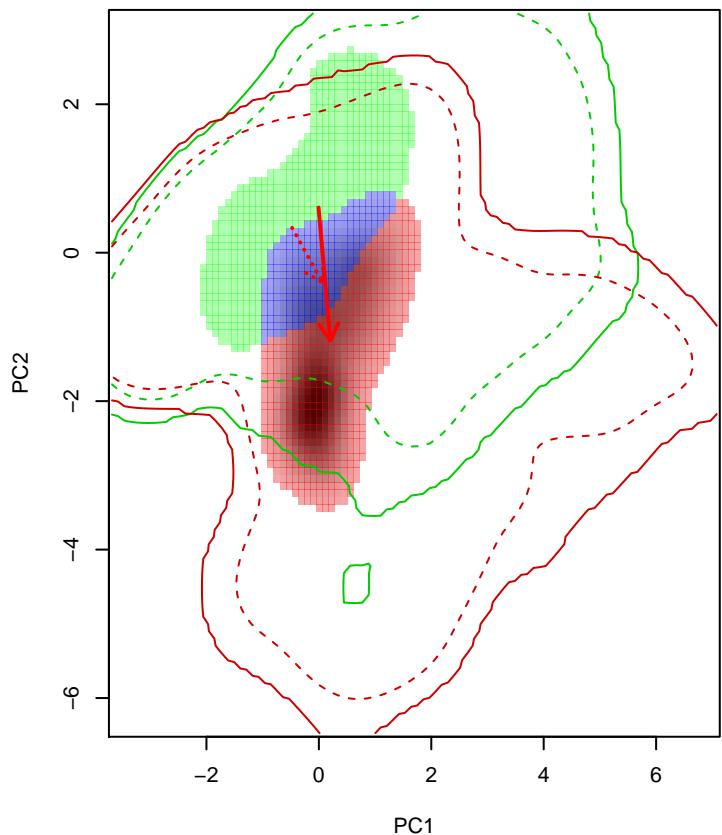
**Similarity 2->1**



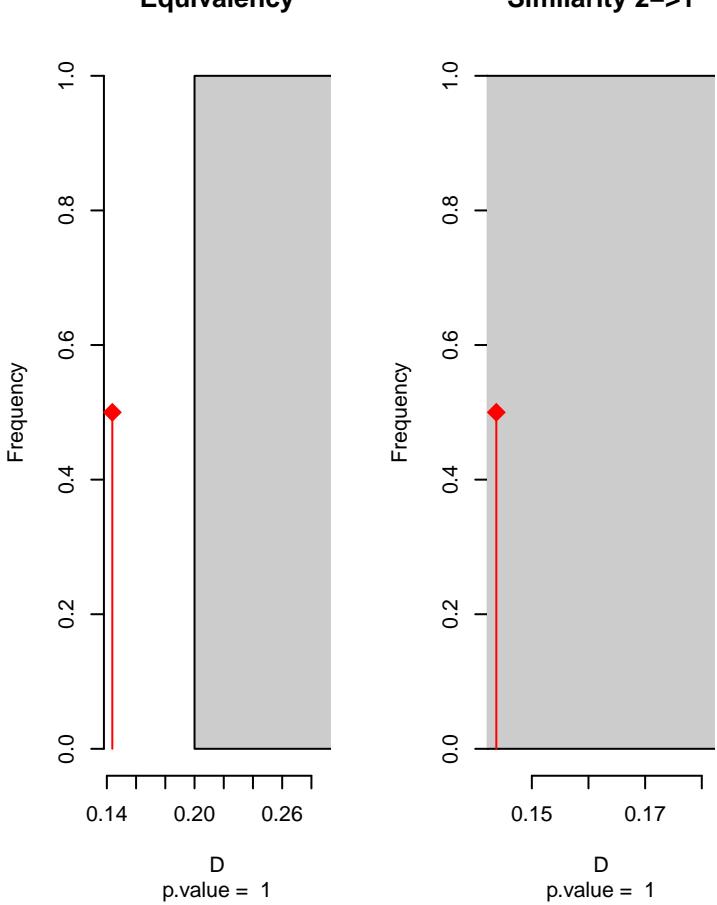
**Similarity 1->2**



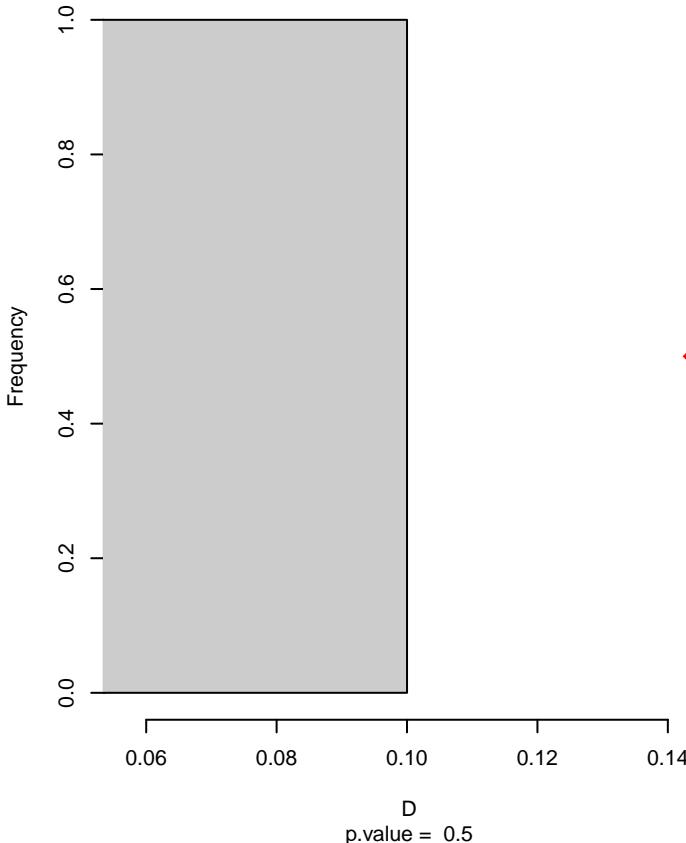
***Knipolegus\_cyanirostris* seasonal overlap**



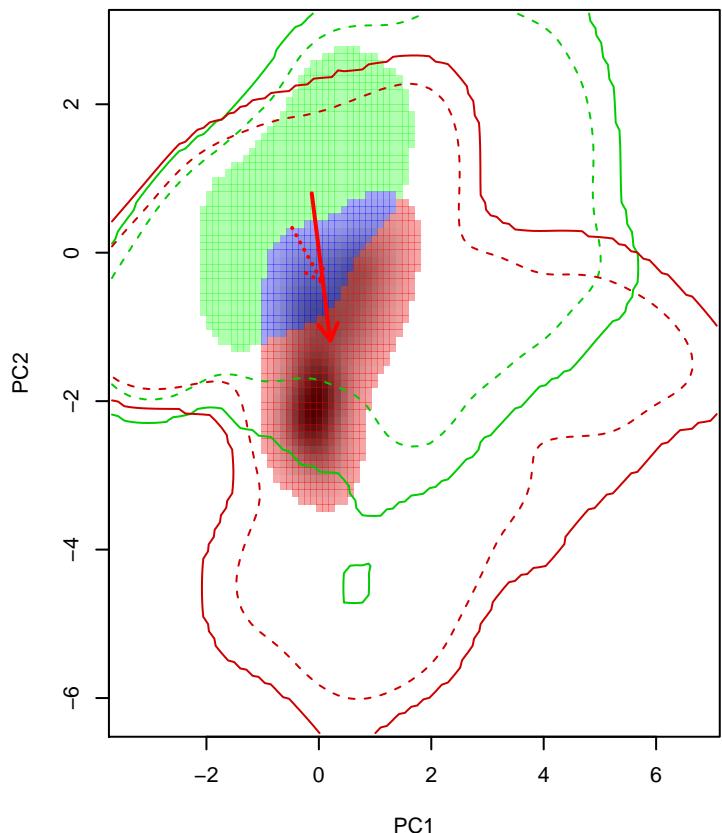
niche overlap:  
 $D = 0.144$



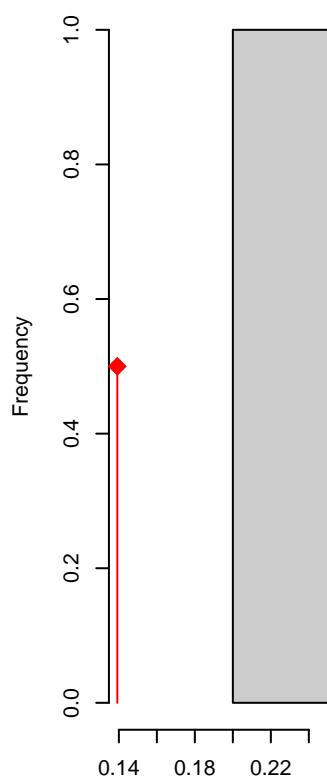
**Similarity 1->2**



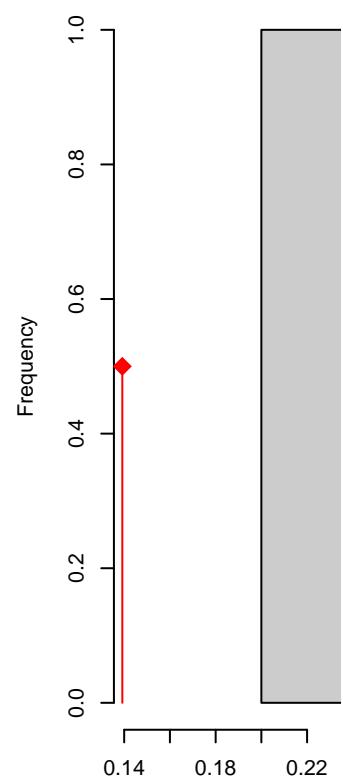
***Knipolegus\_cyanirostris* seasonal overlap-hypo.br**



**Equivalency**

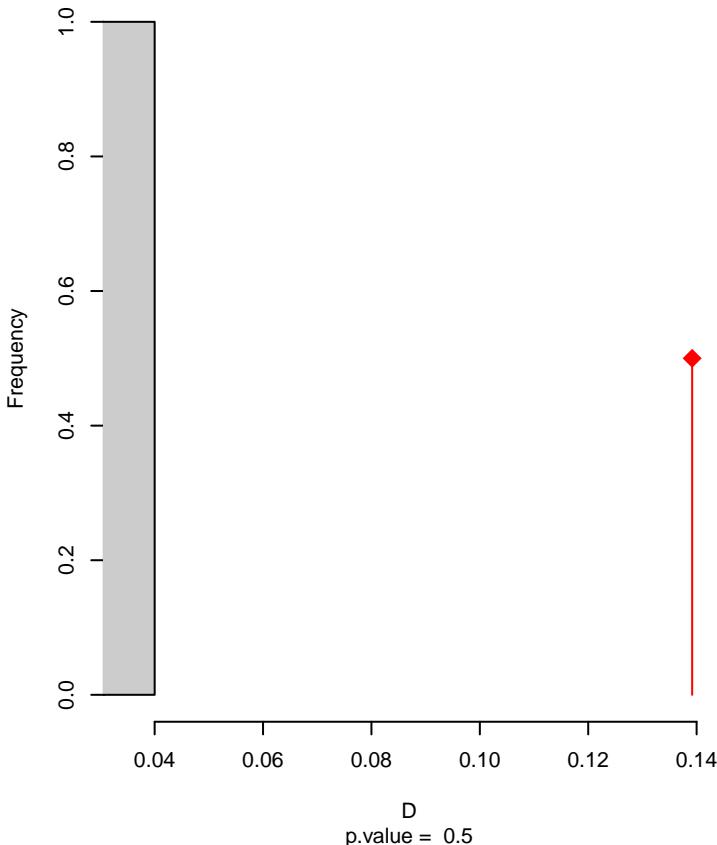


**Similarity 2->1**

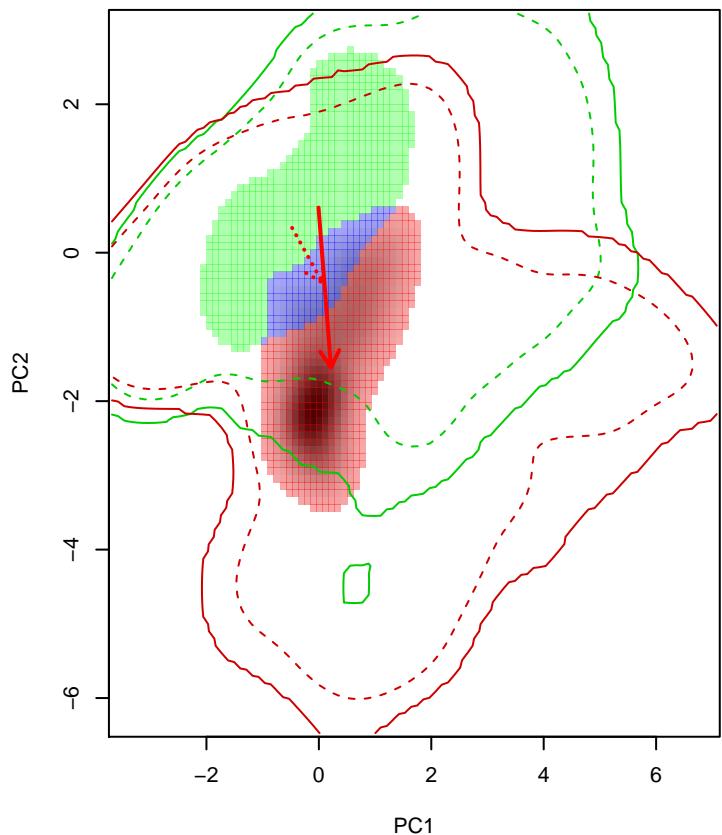


niche overlap:  
D= 0.139

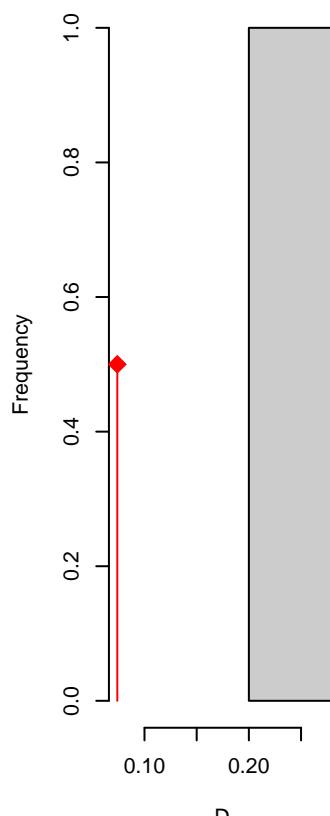
**Similarity 1->2**



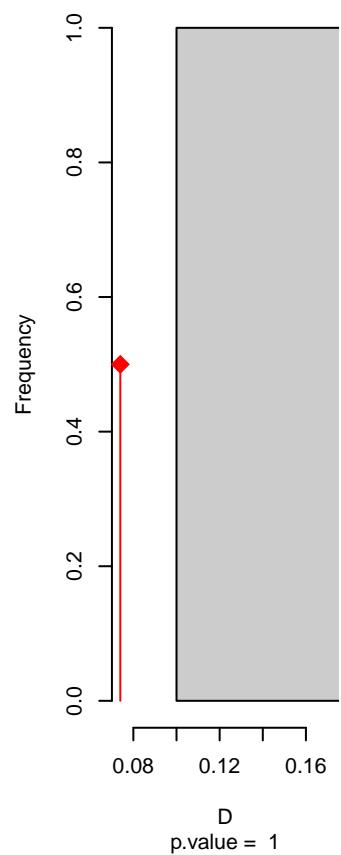
**Knipolegus\_cyanirostris seasonal overlap-hypo wi**



**Equivalency**

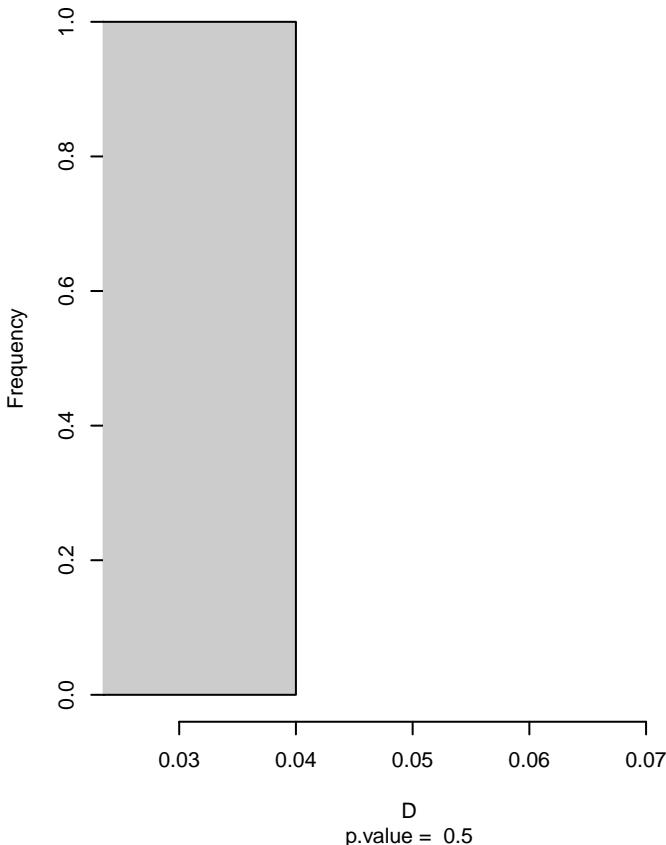


**Similarity 2->1**

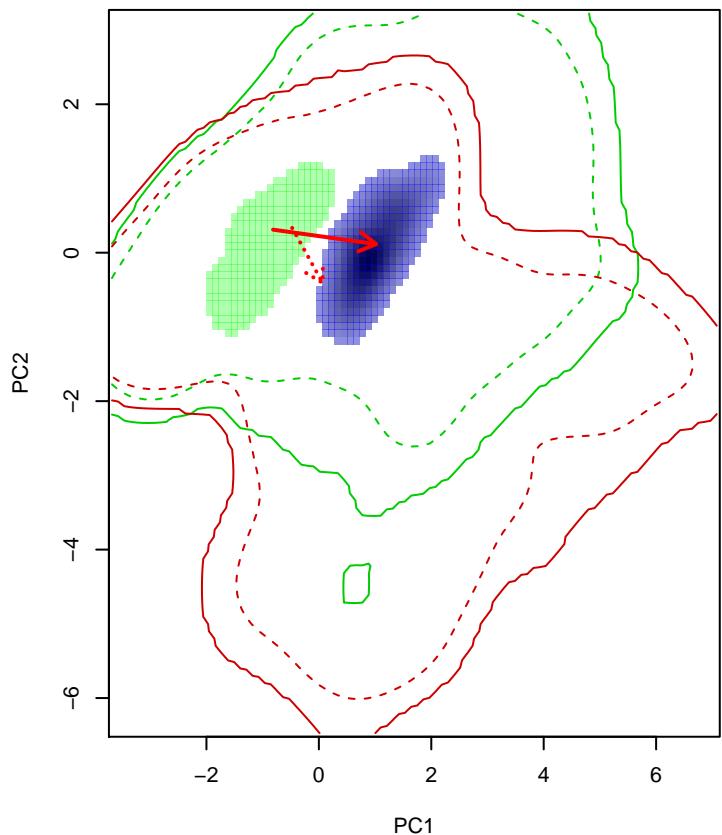


niche overlap:  
D= 0.074

**Similarity 1→2**

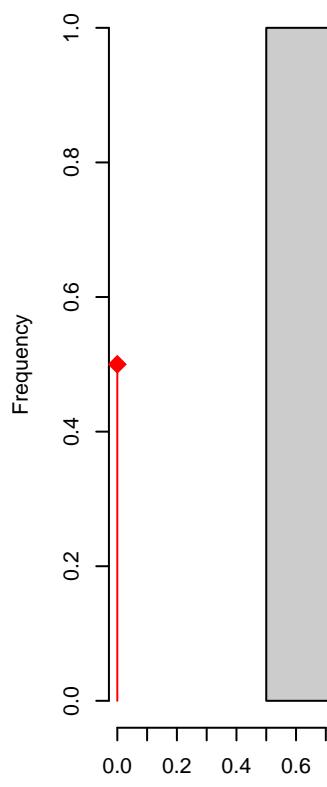


**Knipolegus\_franciscanus seasonal overlap**

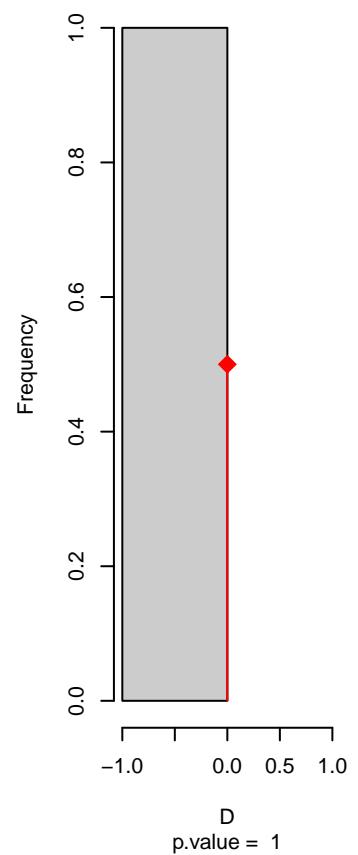


niche overlap:  
D=0

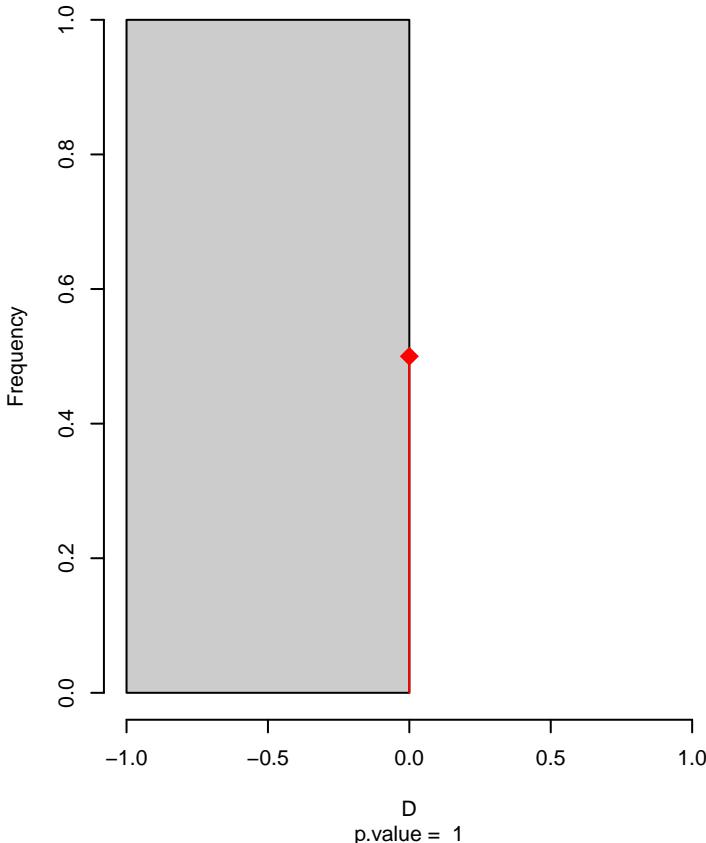
**Equivalency**



**Similarity 2→1**

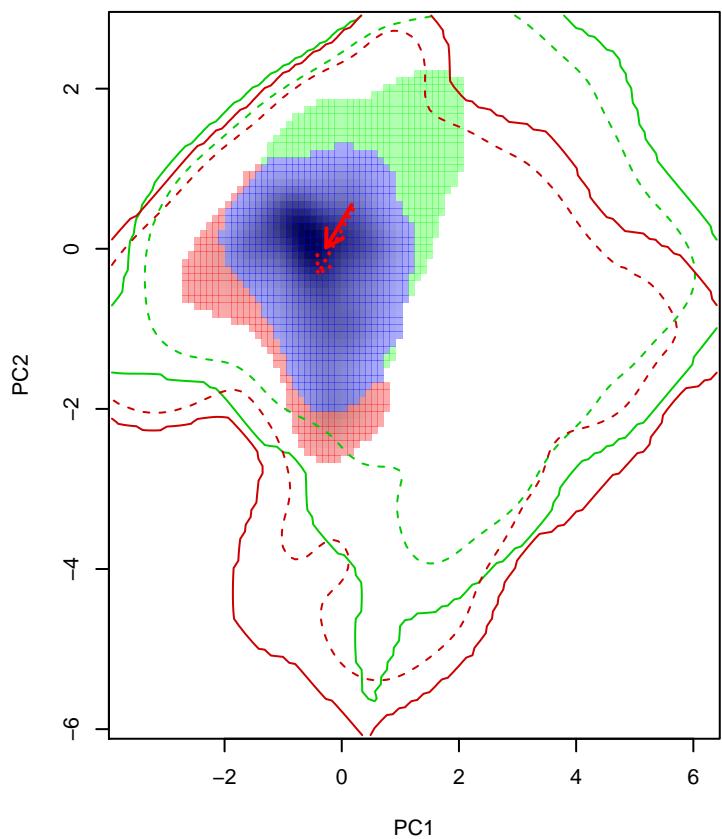


**Similarity 1->2**

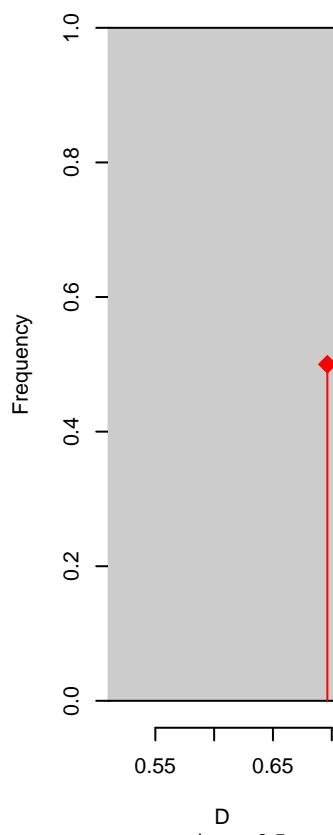


niche overlap:  
D= 0.696

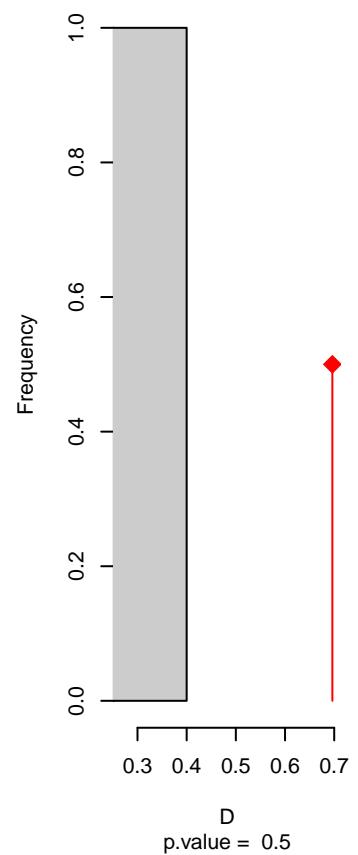
**Knipolegus\_lophotes seasonal overlap**



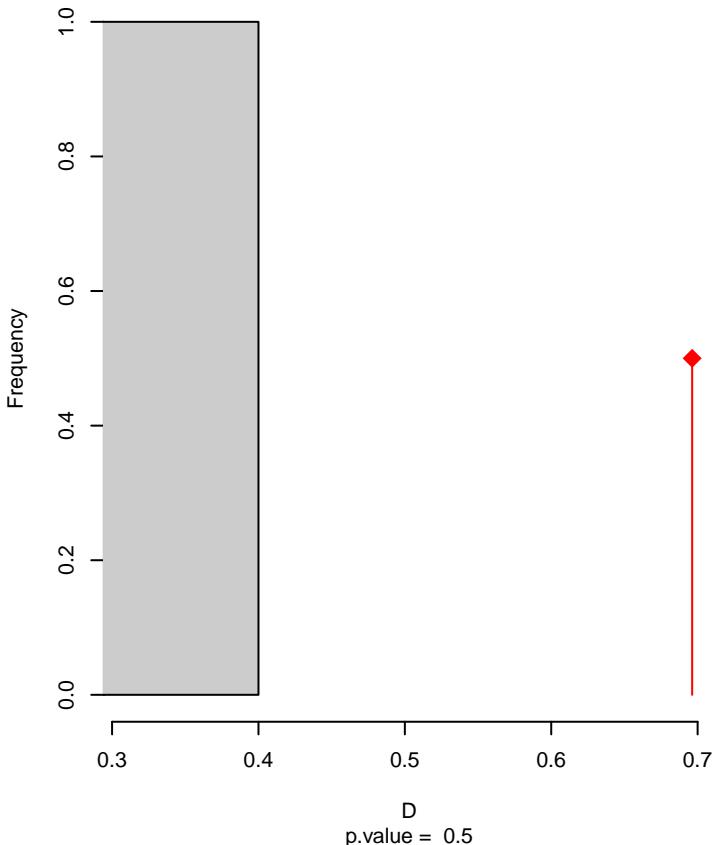
**Equivalency**



**Similarity 2->1**

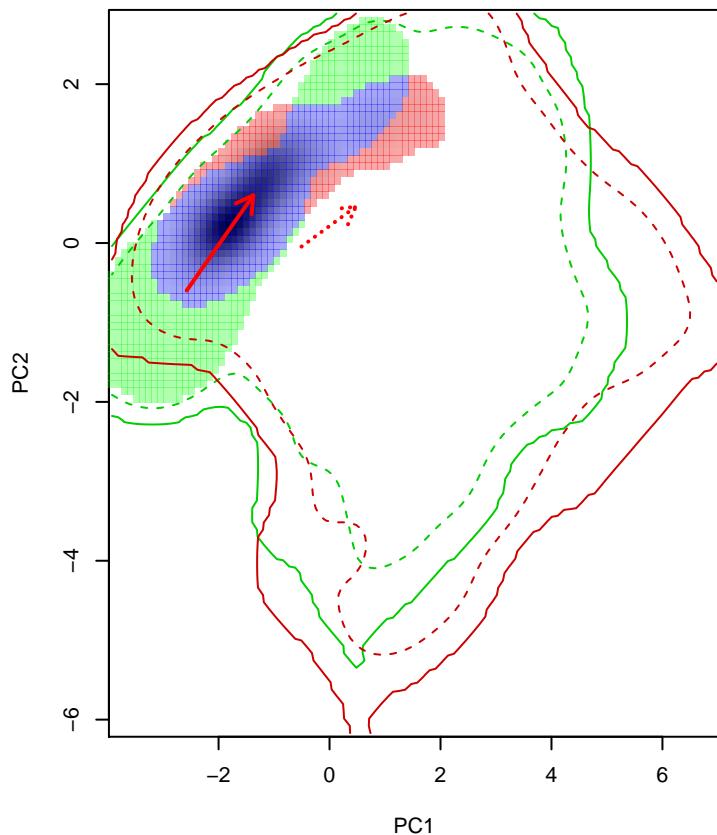


**Similarity 1→2**

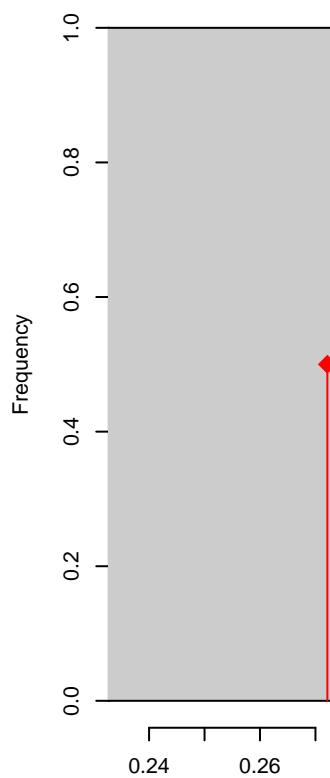


niche overlap:  
 $D=0.272$

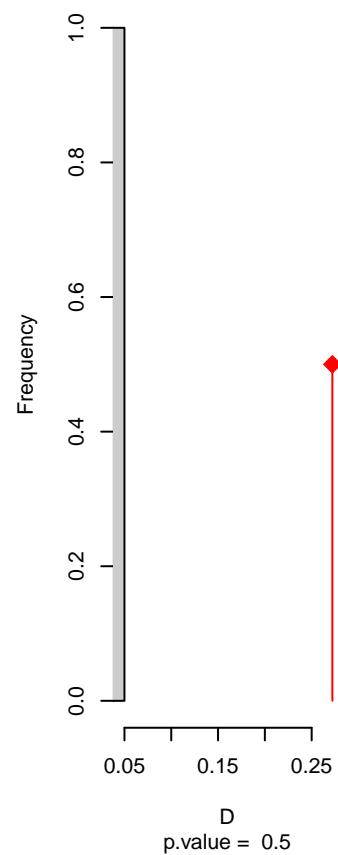
**Knipolegus\_orenocensis seasonal overlap**



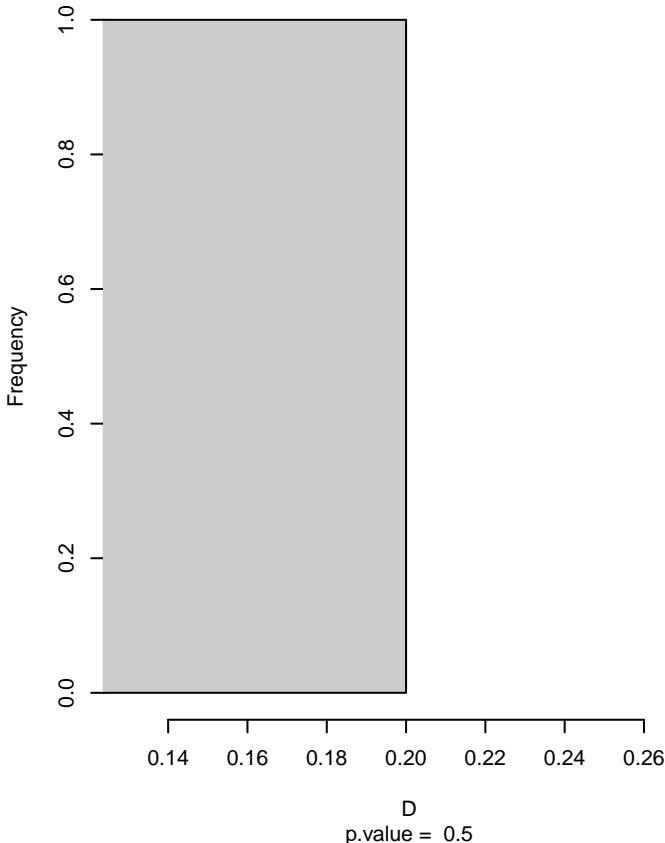
**Equivalency**



**Similarity 2→1**

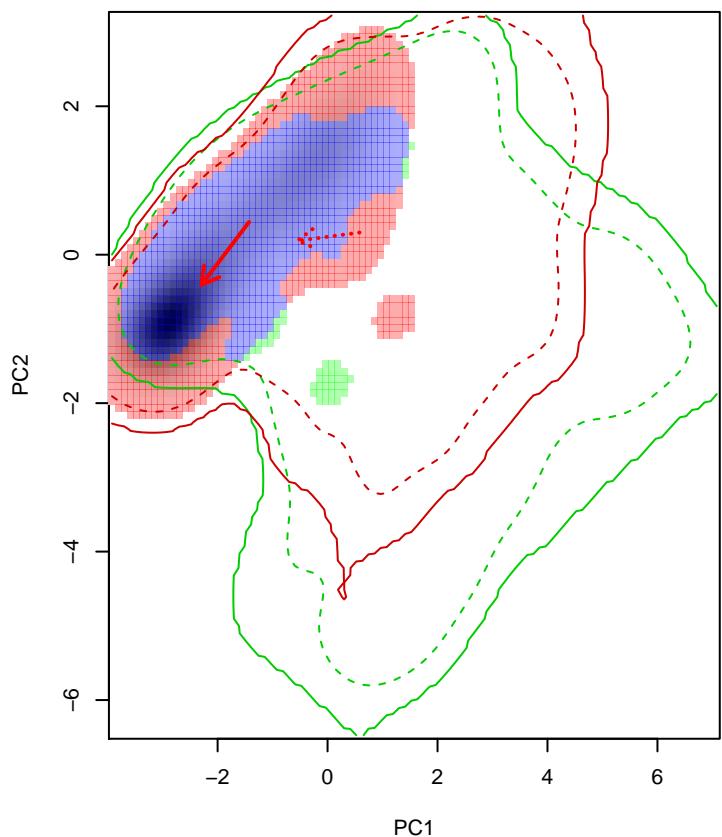


**Similarity 1->2**

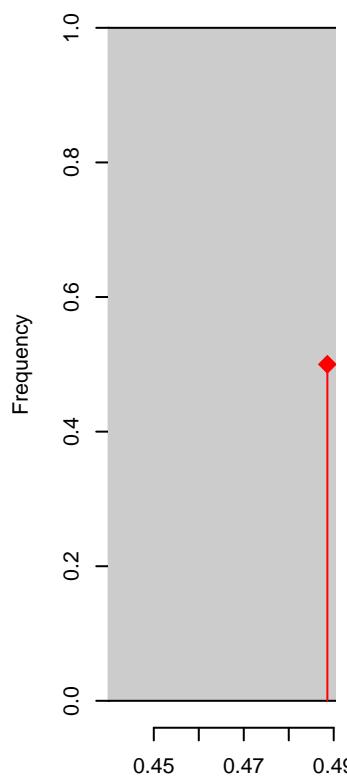


niche overlap:  
 $D = 0.489$

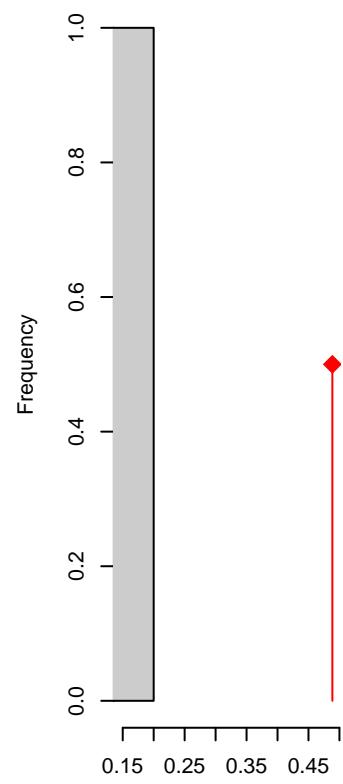
***Knipolegus\_poecilocercus* seasonal overlap**



**Equivalency**



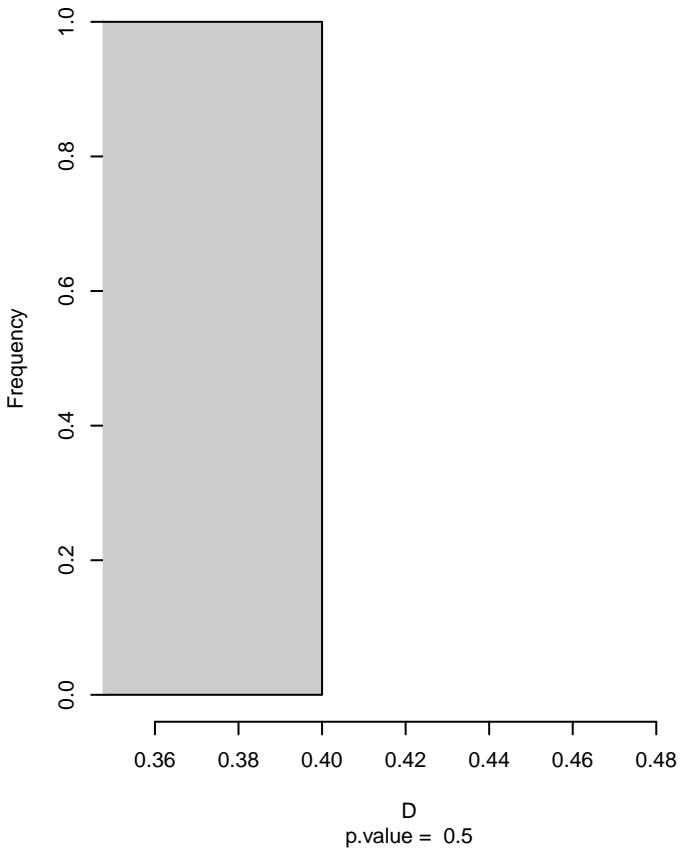
**Similarity 2->1**



D  
p.value = 0.5

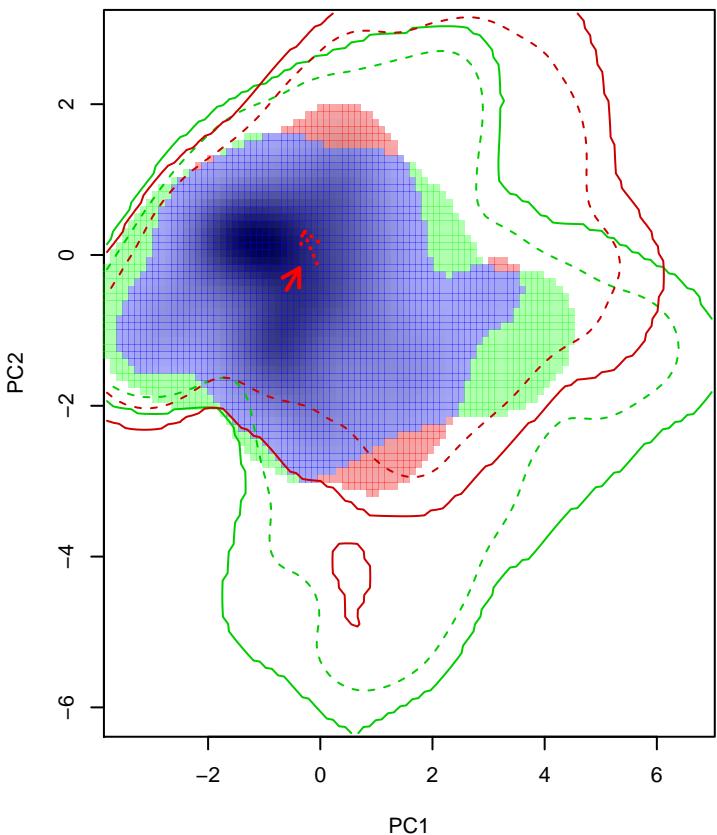
D  
p.value = 0.5

**Similarity 1->2**

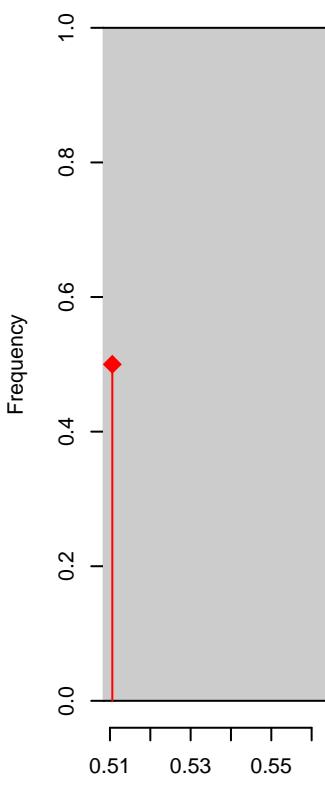


niche overlap:  
D= 0.511

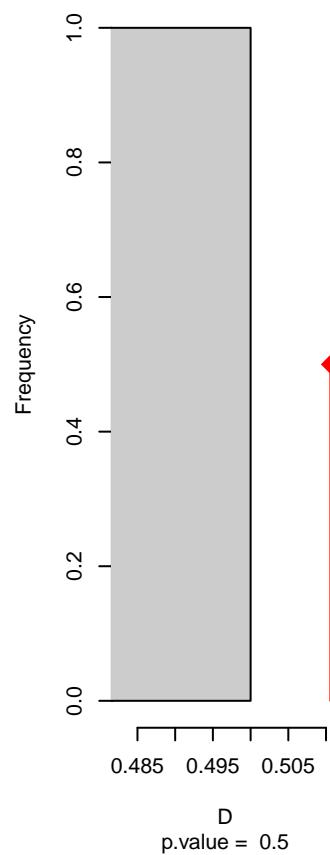
**Knipolegus\_poeilurus seasonal overlap**



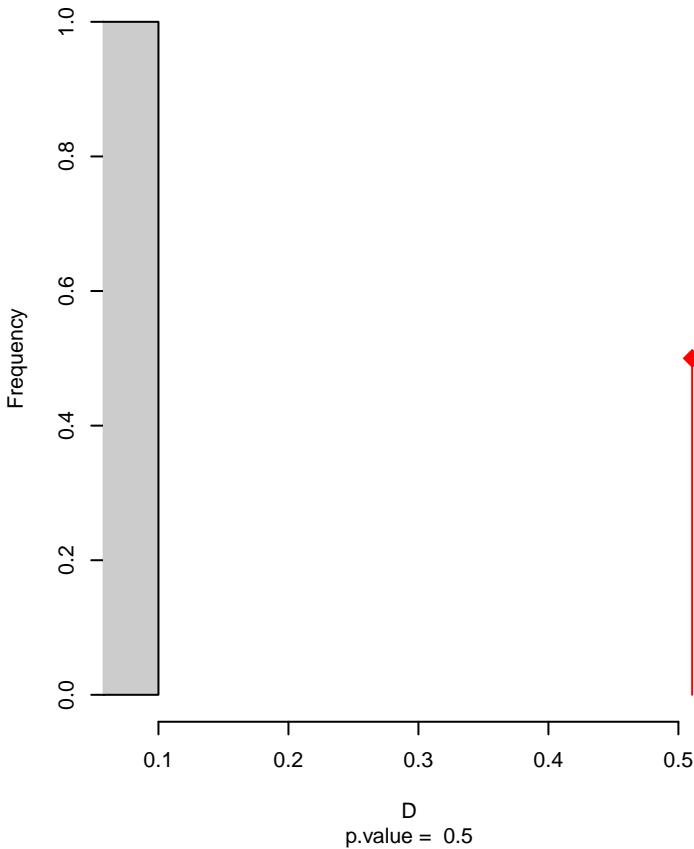
**Equivalency**



**Similarity 2->1**

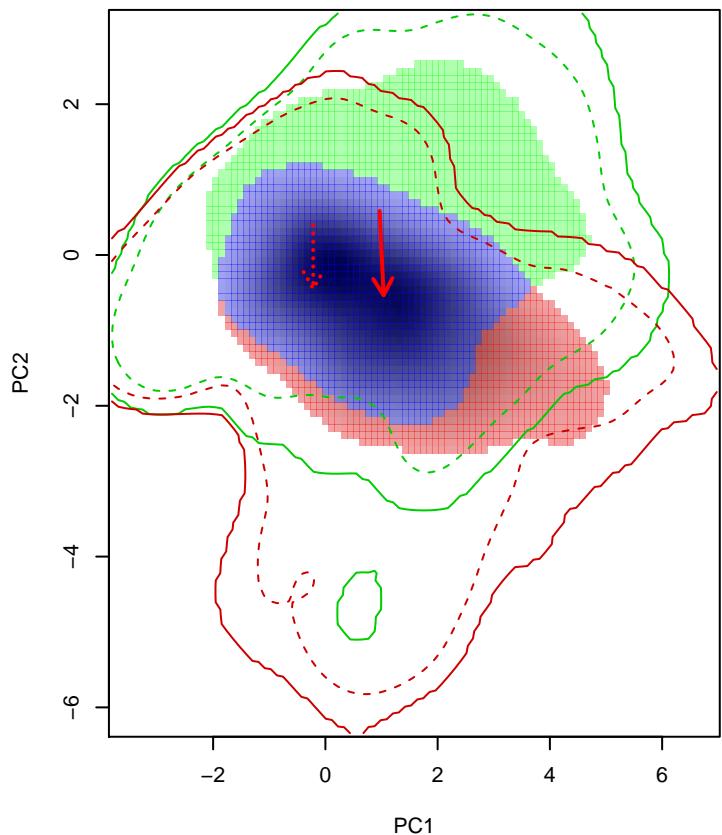


**Similarity 1->2**

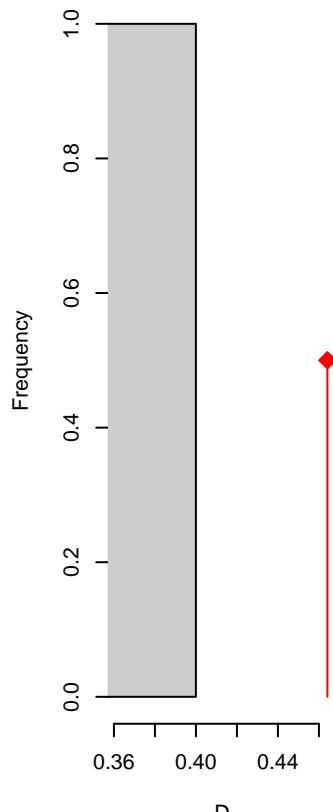


niche overlap:  
 $D = 0.464$

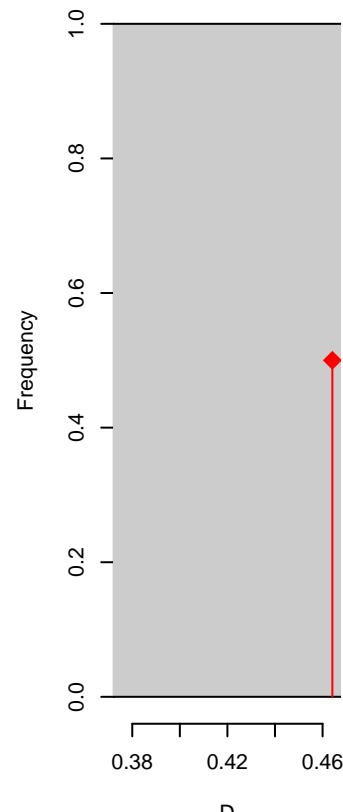
**Knipolegus\_signatus seasonal overlap**



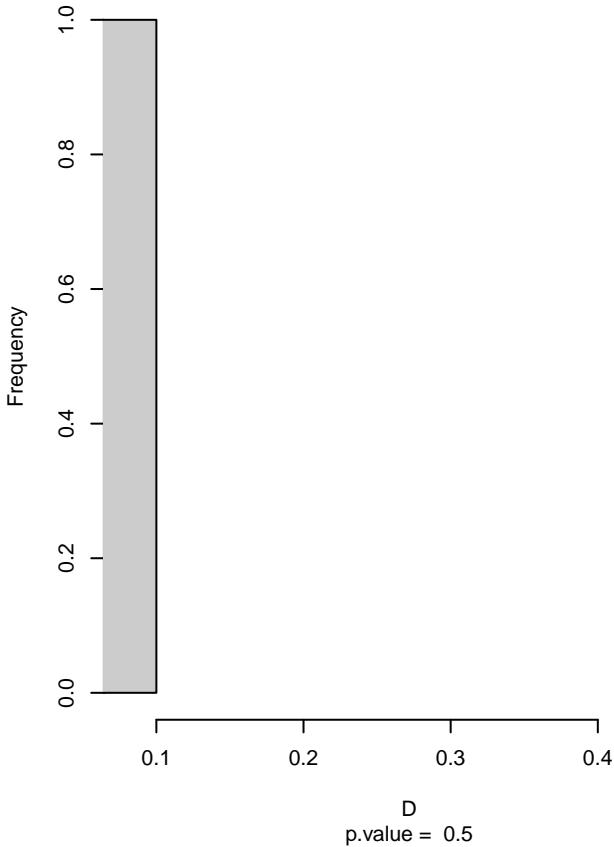
**Equivalency**



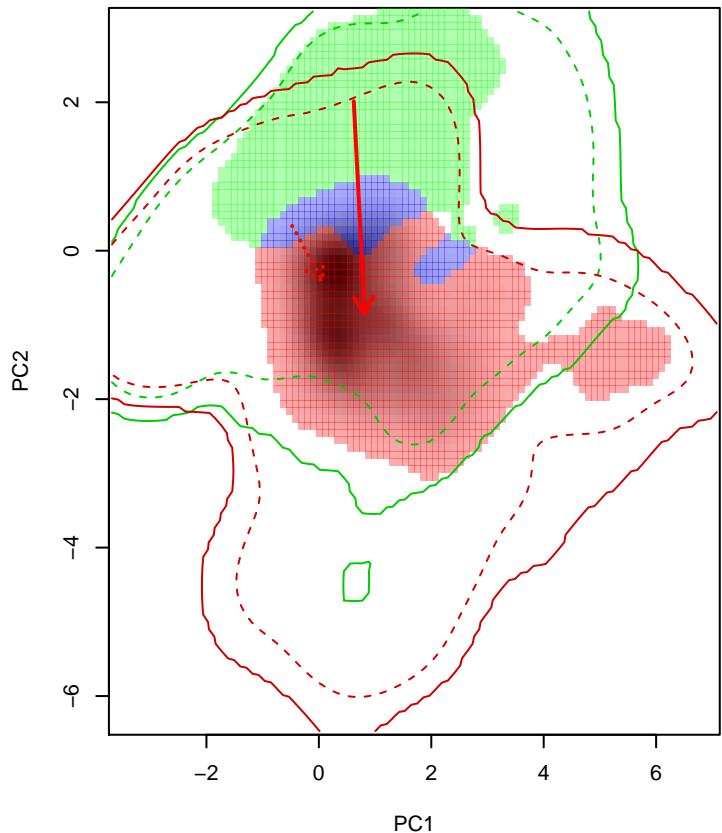
**Similarity 2->1**



**Similarity 1->2**

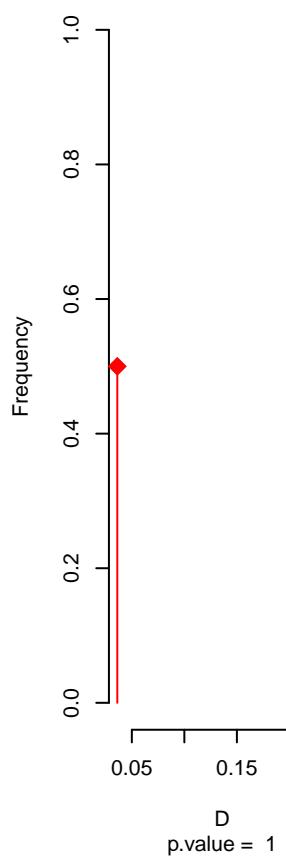


**Knipolegus\_striaticeps seasonal overlap**

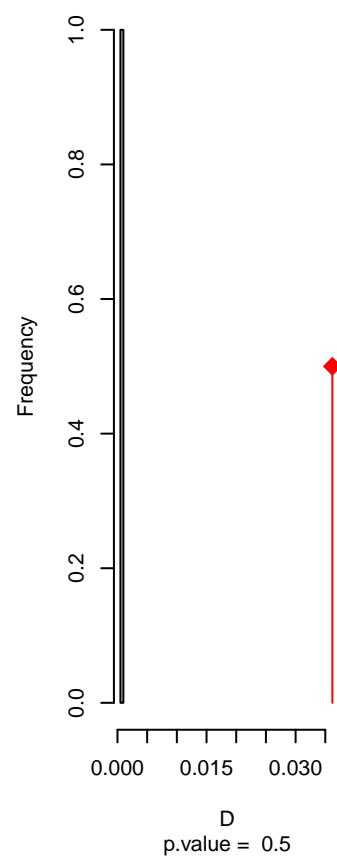


niche overlap:  
D= 0.036

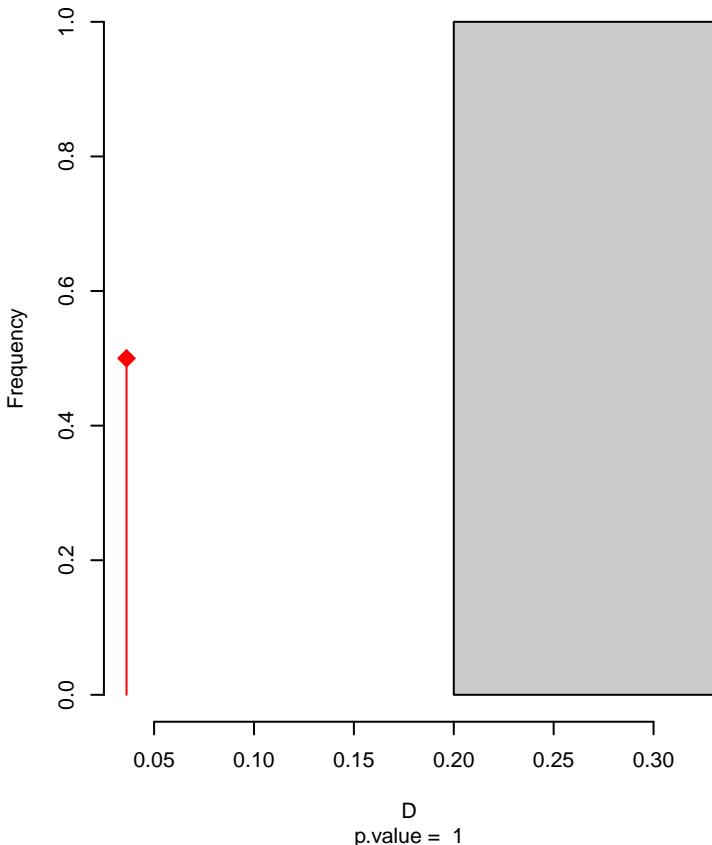
**Equivalency**



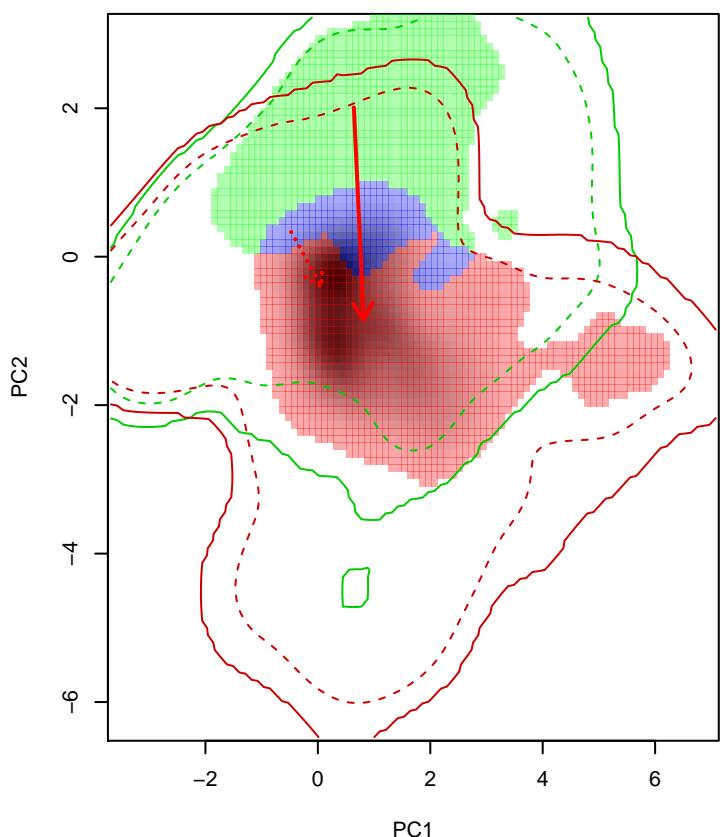
**Similarity 2->1**



**Similarity 1->2**

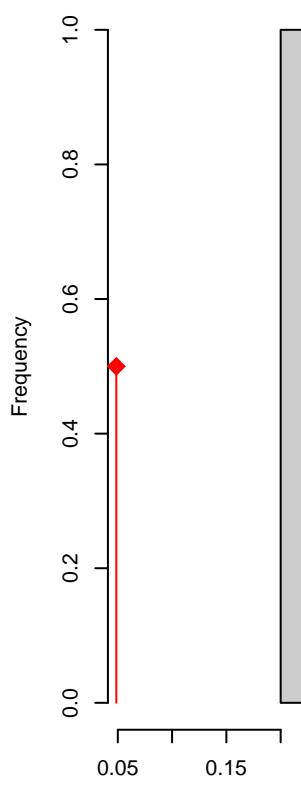


**Knipolegus\_striaticeps seasonal overlap-hypo.br**

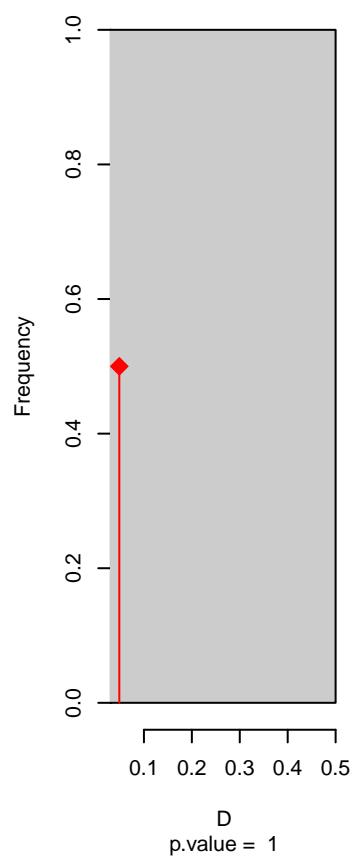


**Equivalency**

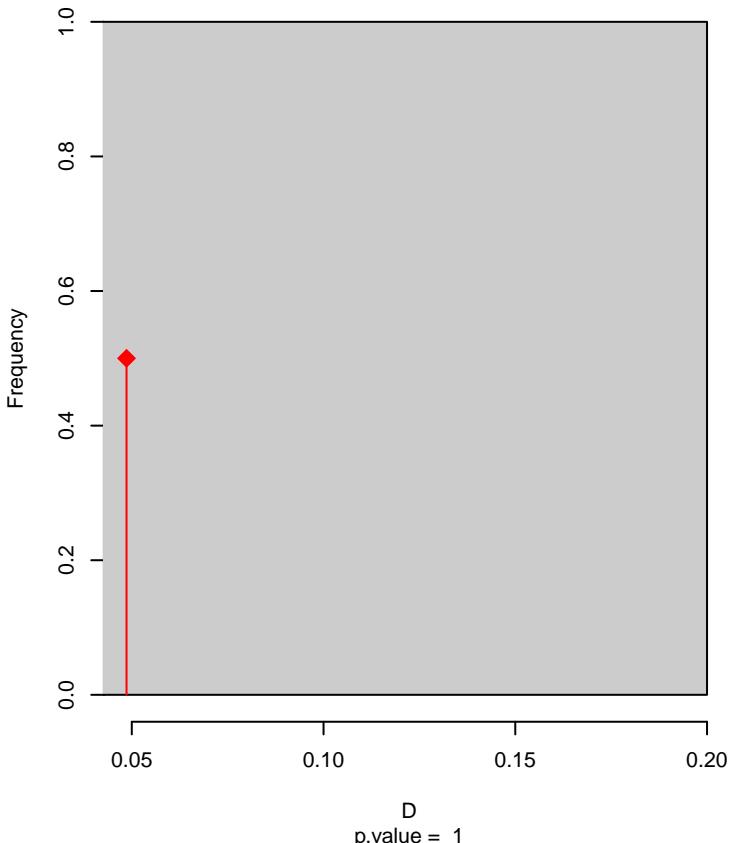
niche overlap:  
 $D=0.049$



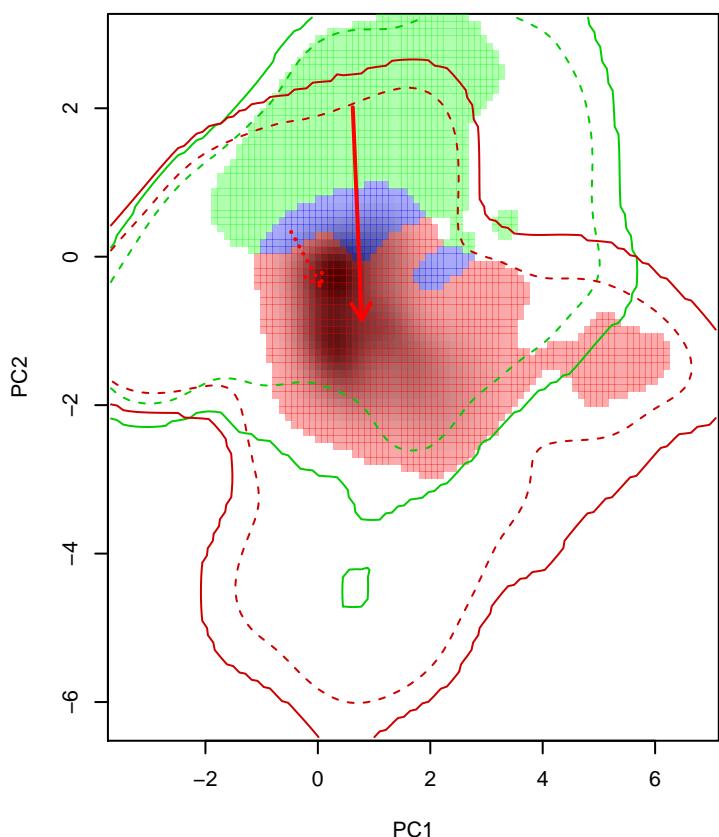
**Similarity 2->1**



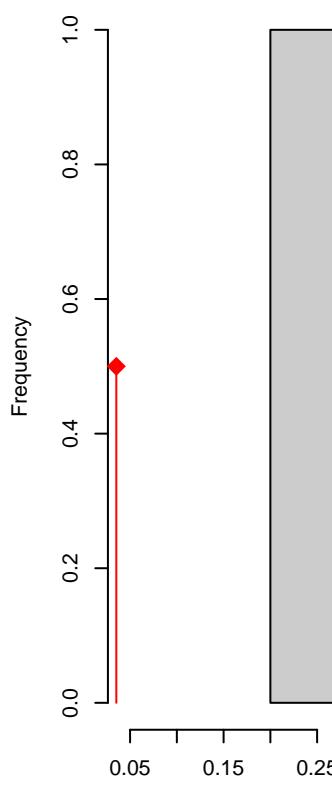
**Similarity 1->2**



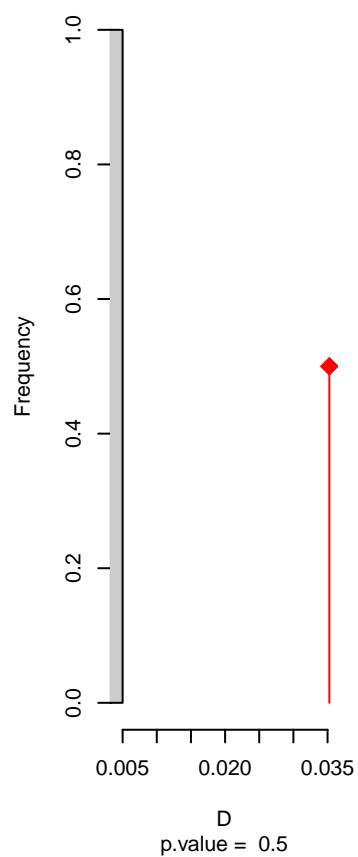
**Knipolegus\_striaticeps seasonal overlap-hypo wi**



**Equivalency**

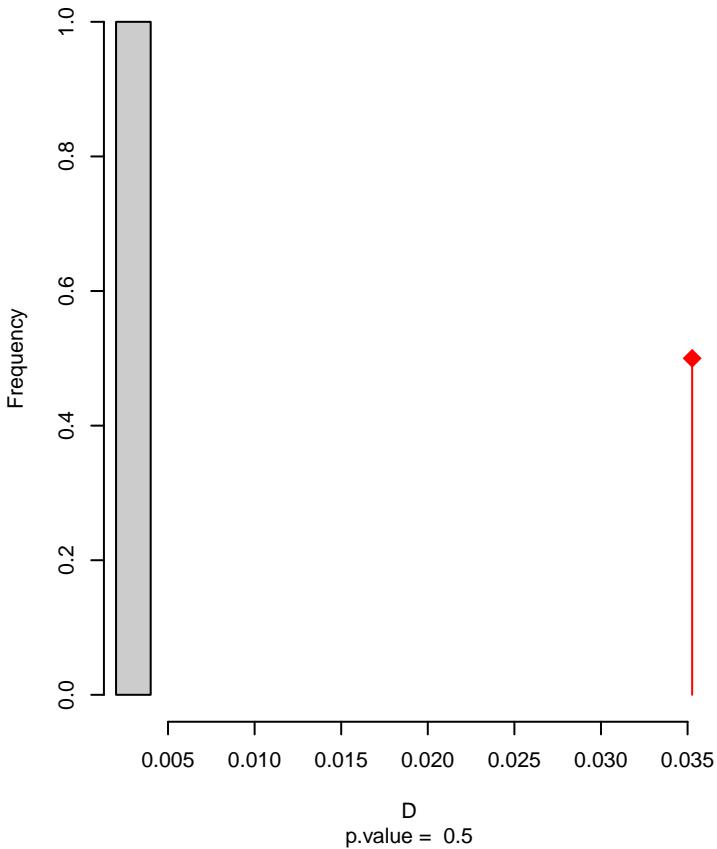


**Similarity 2->1**

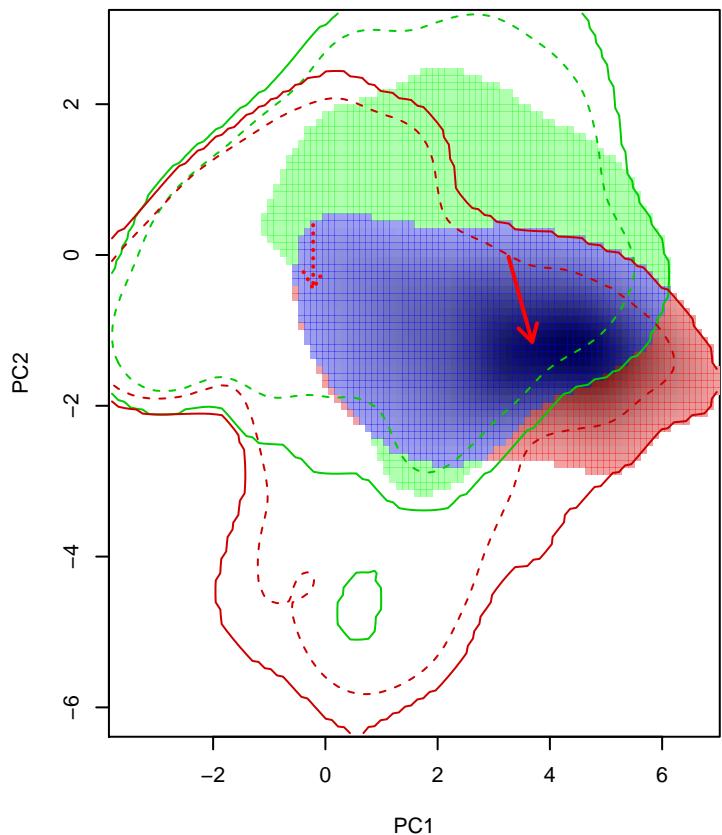


niche overlap:  
D= 0.035

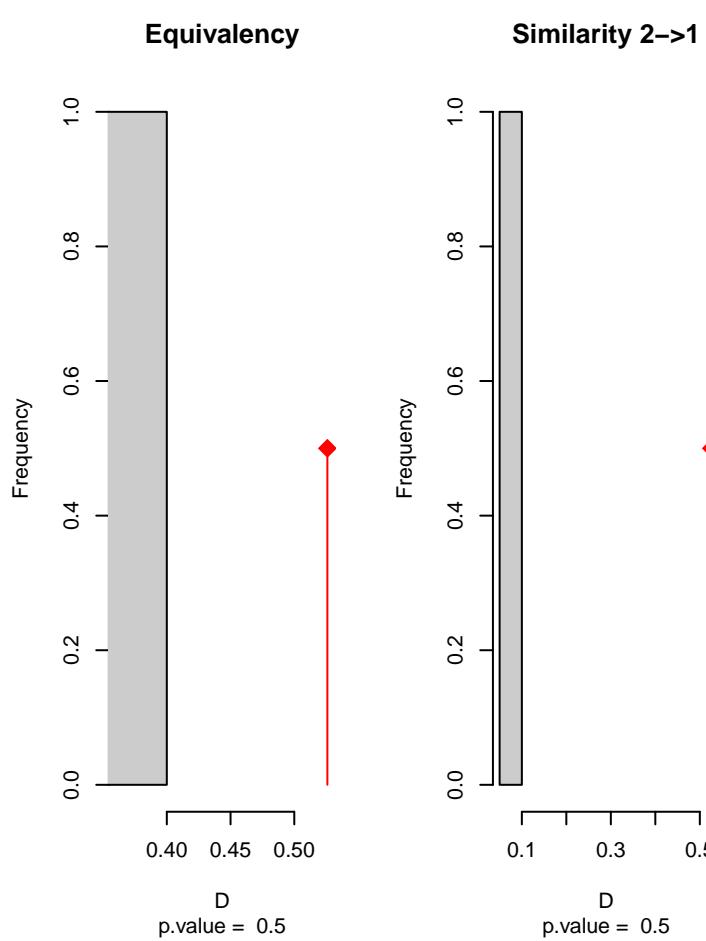
**Similarity 1->2**



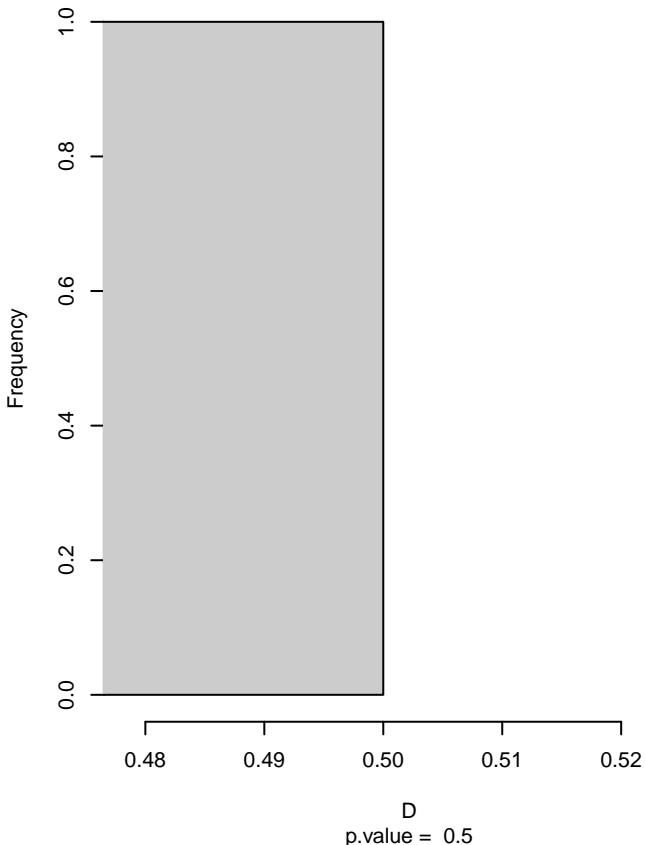
**Lessonia\_oreas seasonal overlap**



niche overlap:  
 $D = 0.526$

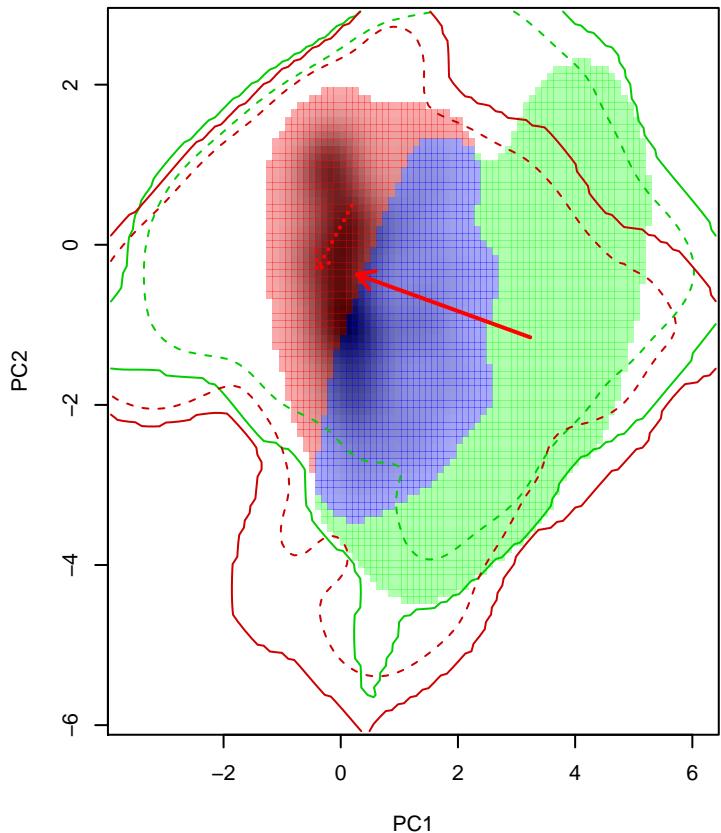


**Similarity 1→2**

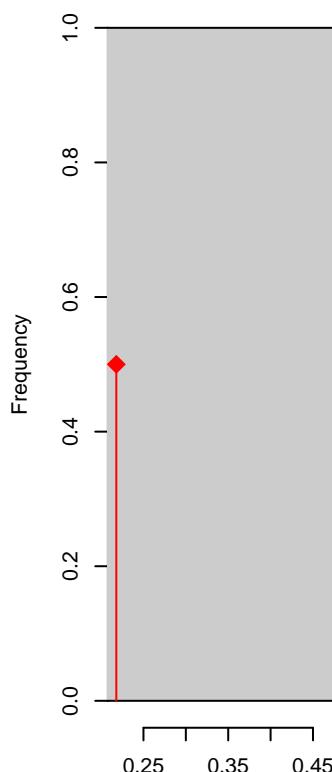


niche overlap:  
 $D = 0.218$

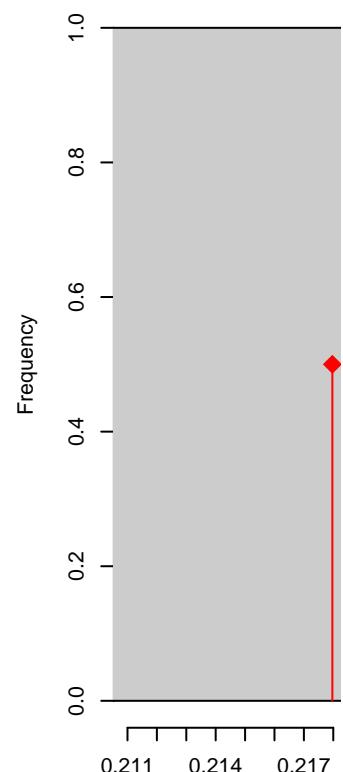
**Lessonia\_rufa seasonal overlap**



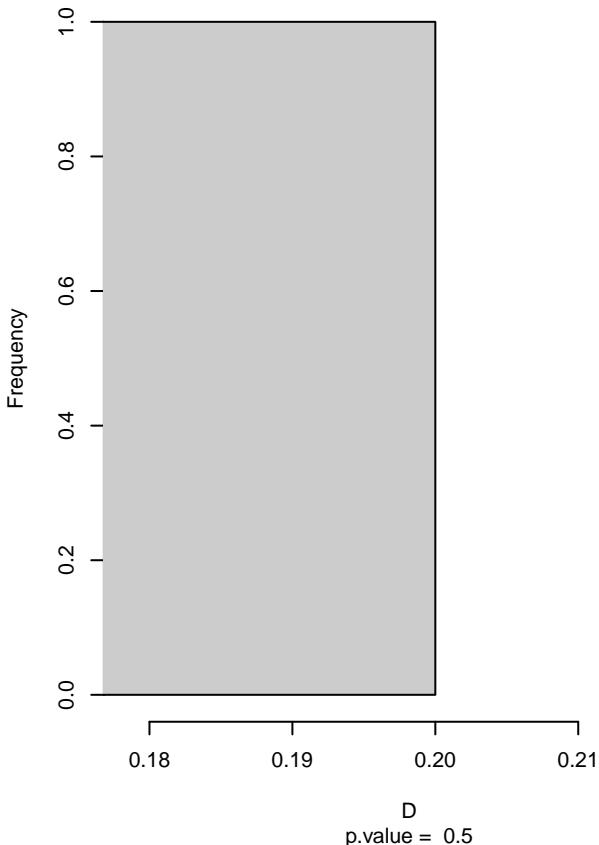
**Equivalency**



**Similarity 2→1**

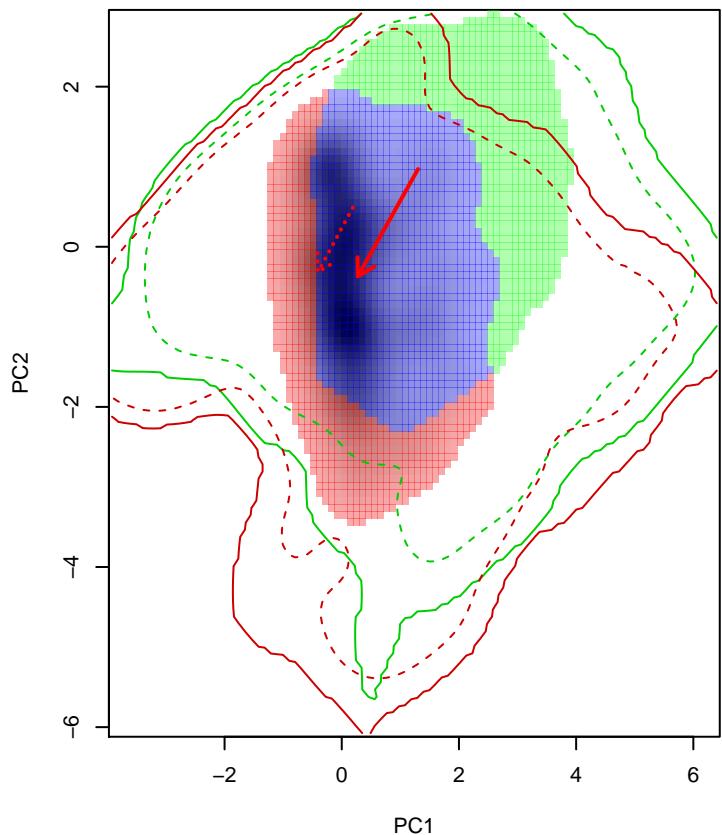


**Similarity 1->2**

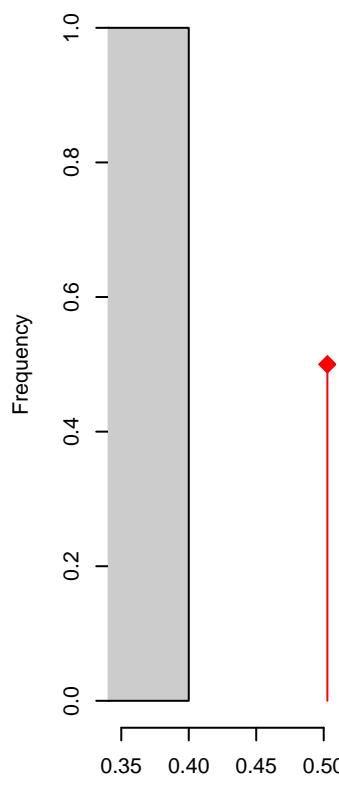


niche overlap:  
 $D = 0.503$

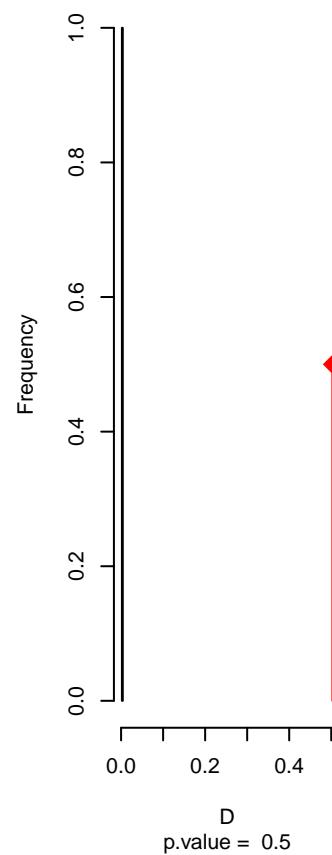
**Lessonia\_rufa seasonal overlap-hypo.br**



**Equivalency**



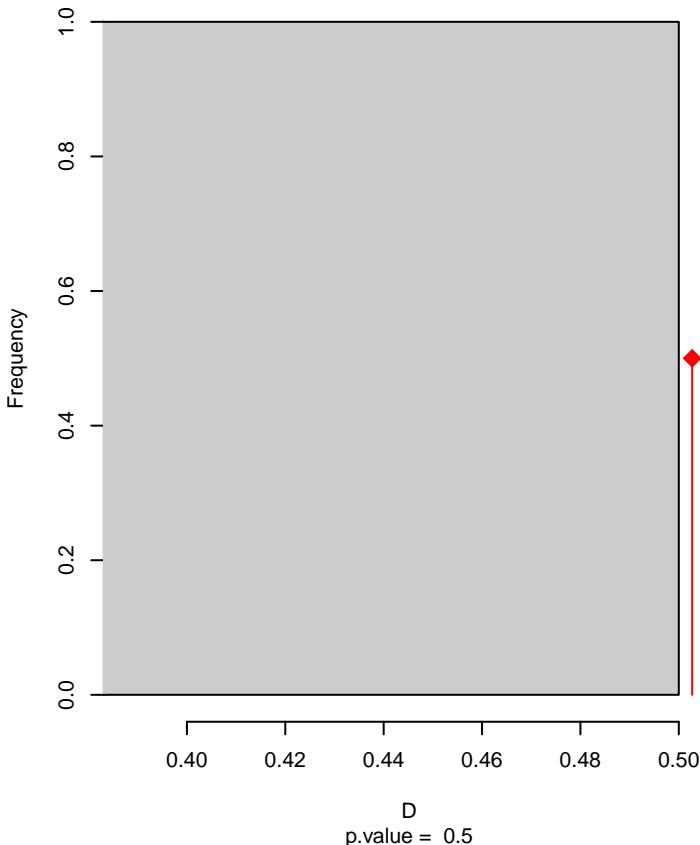
**Similarity 2->1**



$D$   
p.value = 0.5

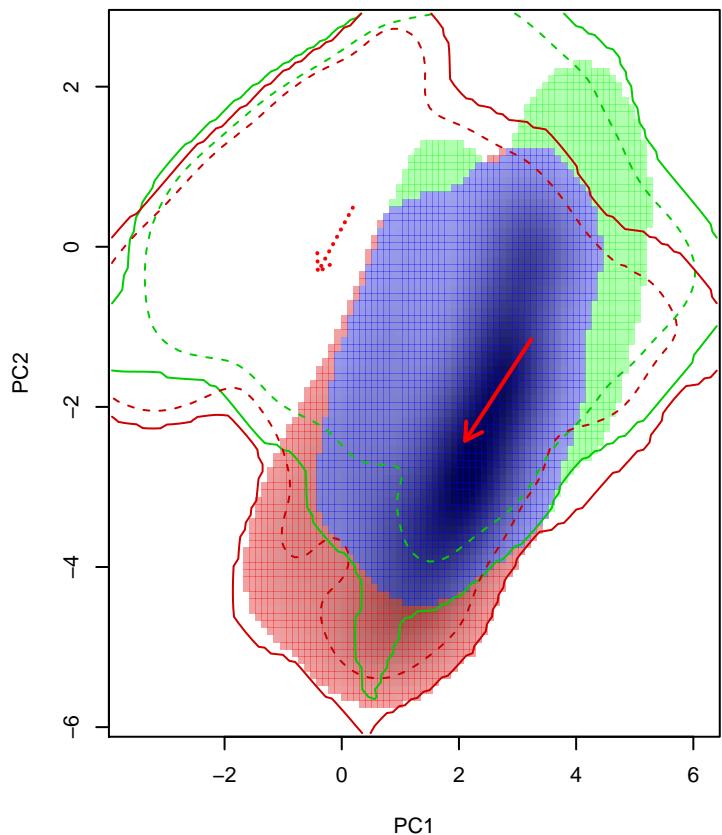
$D$   
p.value = 0.5

**Similarity 1->2**

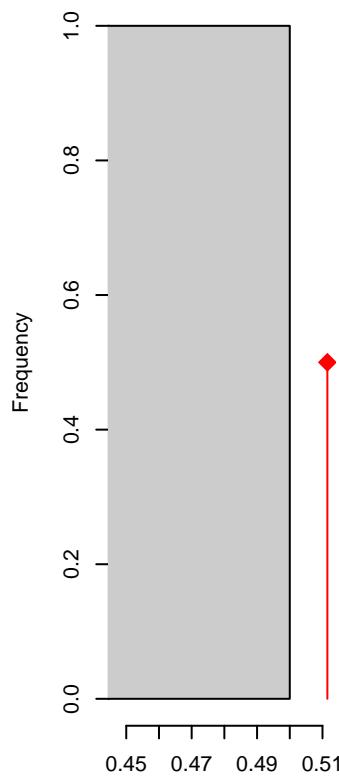


niche overlap:  
 $D = 0.511$

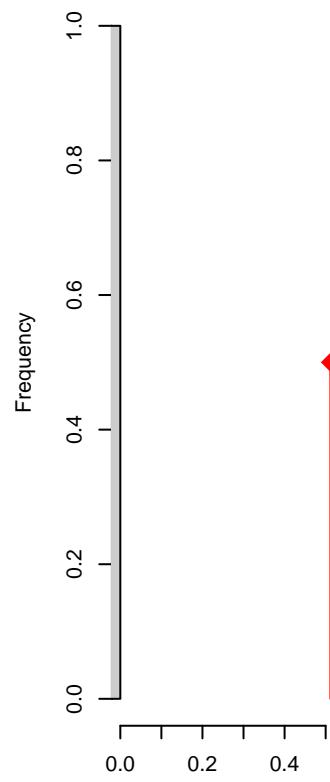
**Lessonia\_rufa seasonal overlap-hypo wi**



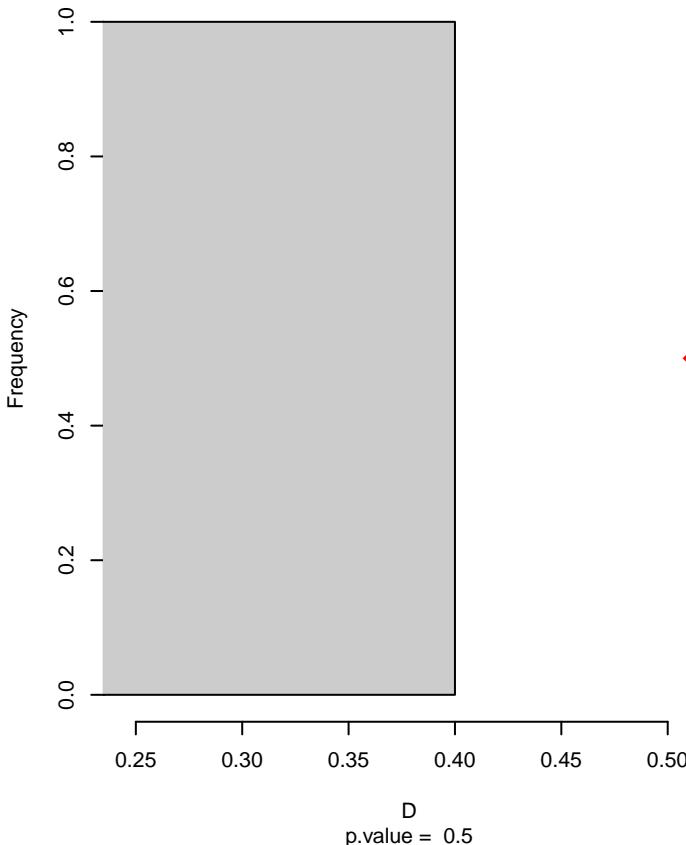
**Equivalency**



**Similarity 2->1**

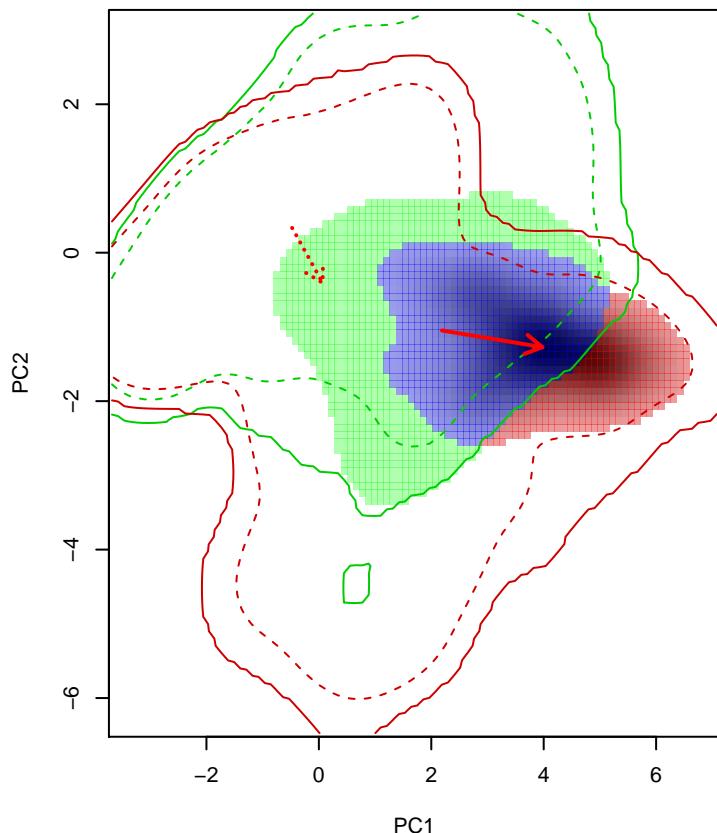


**Similarity 1→2**

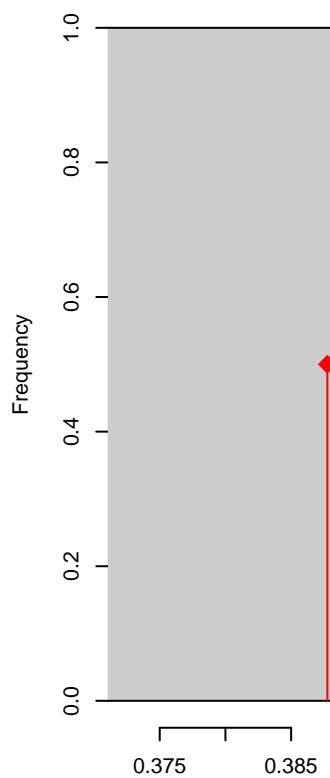


niche overlap:  
 $D = 0.388$

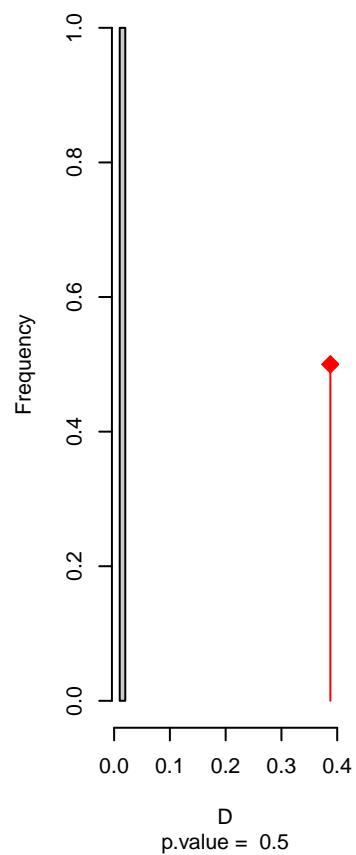
**Muscisaxicola\_albifrons seasonal overlap**



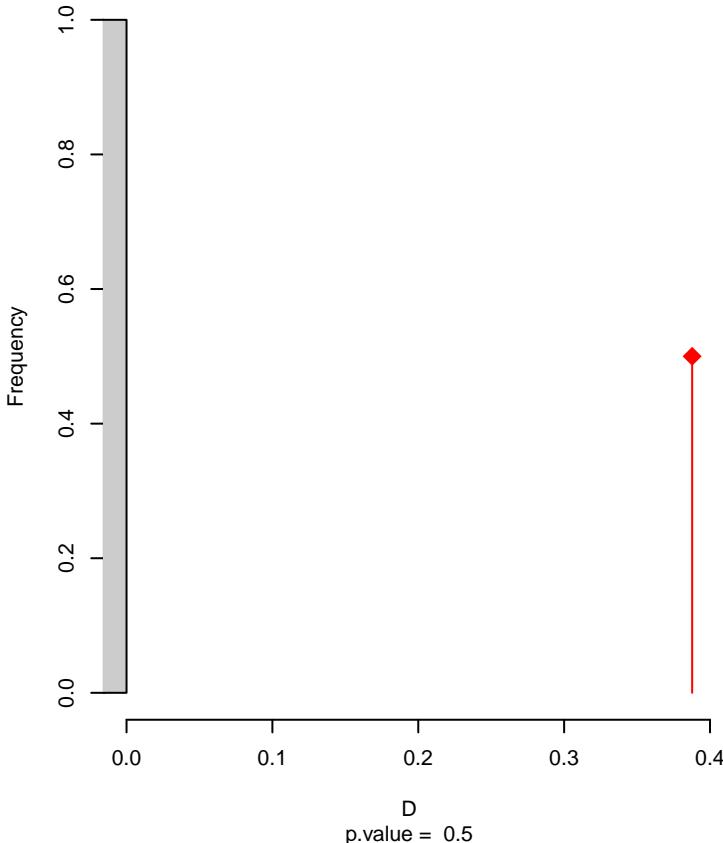
**Equivalency**



**Similarity 2→1**

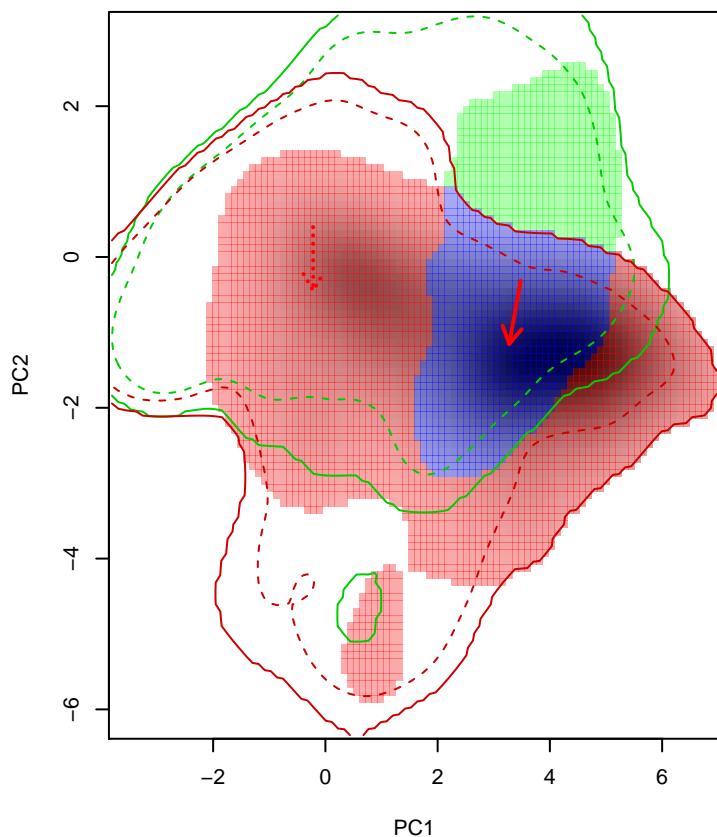


**Similarity 1->2**

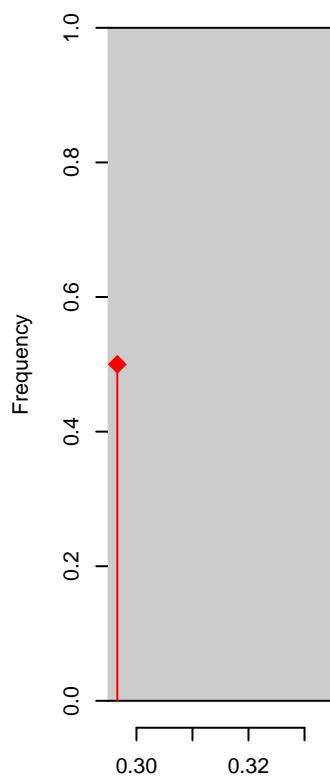


niche overlap:  
 $D = 0.297$

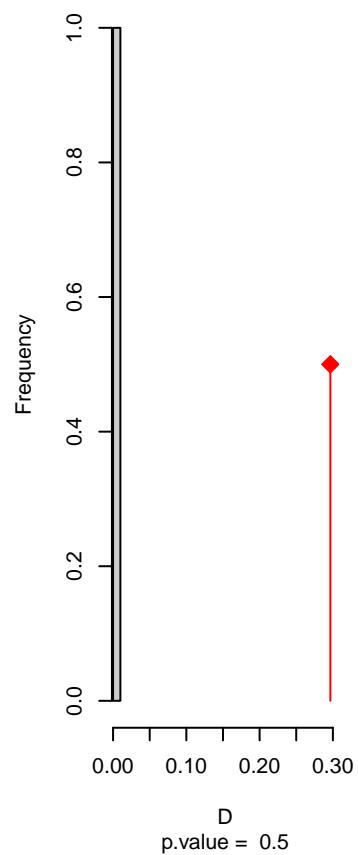
**Muscisaxicola\_albilora seasonal overlap**



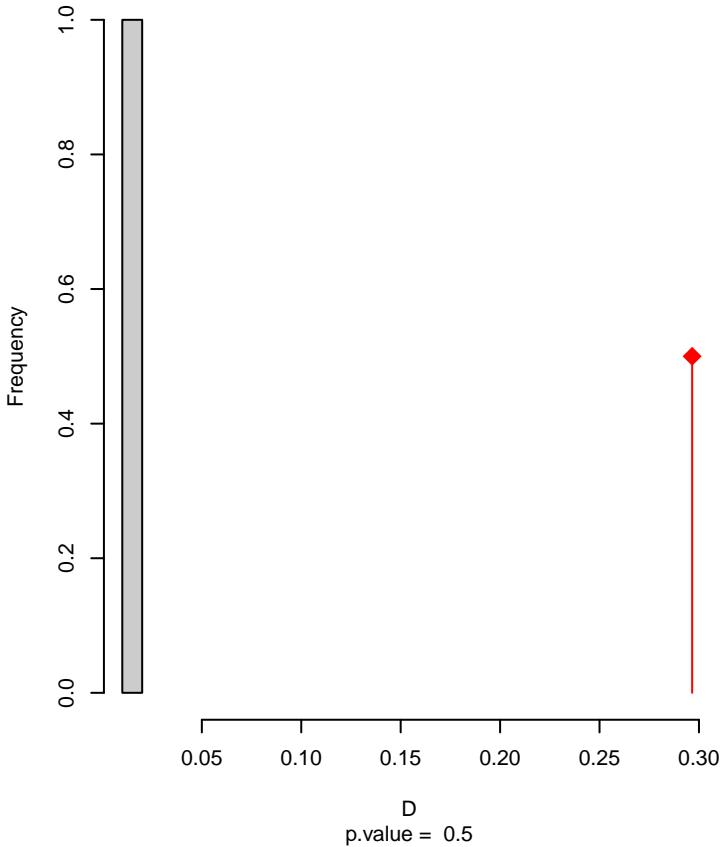
**Equivalency**



**Similarity 2->1**

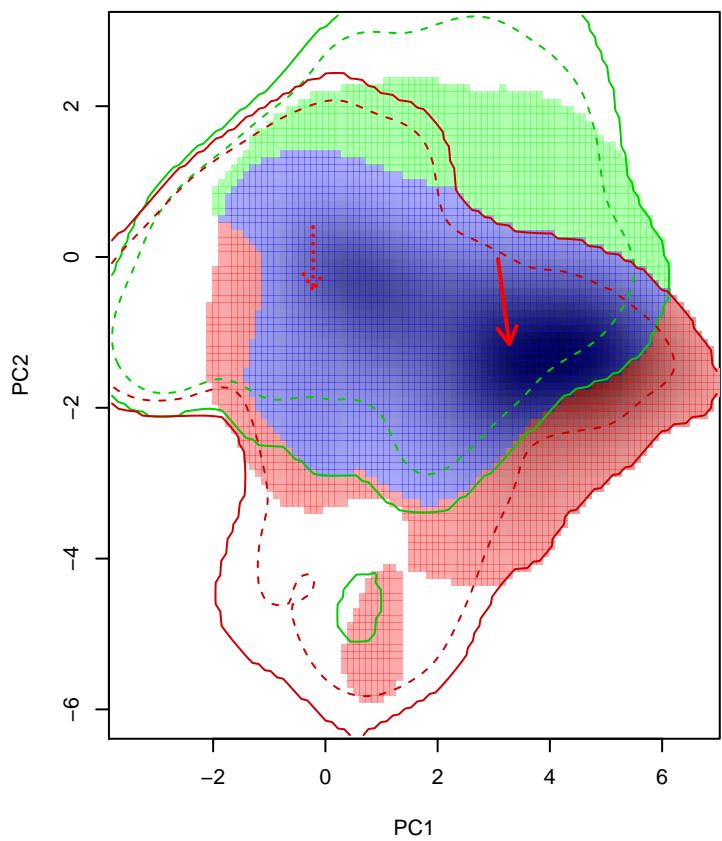


**Similarity 1->2**

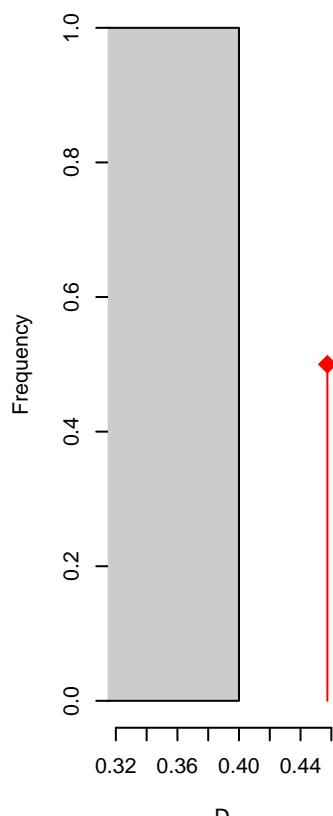


niche overlap:  
D= 0.457

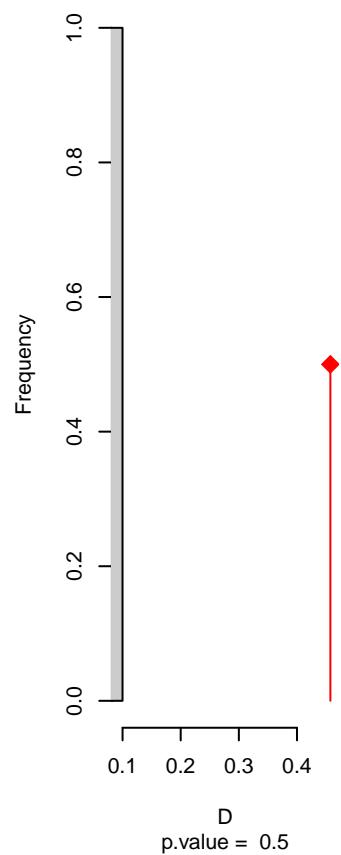
**Muscisaxicola\_albilora seasonal overlap-hypo.br**



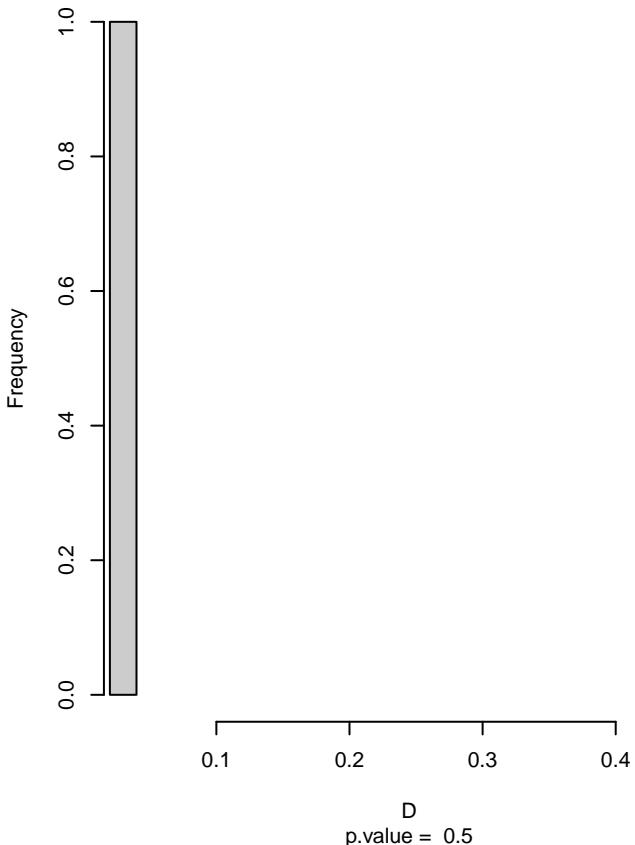
**Equivalency**



**Similarity 2->1**

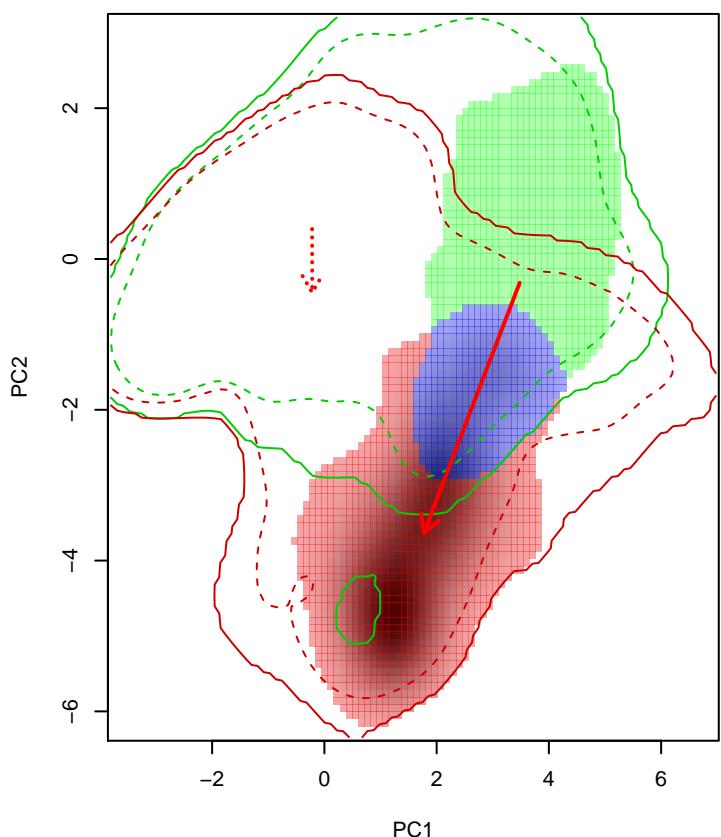


**Similarity 1->2**

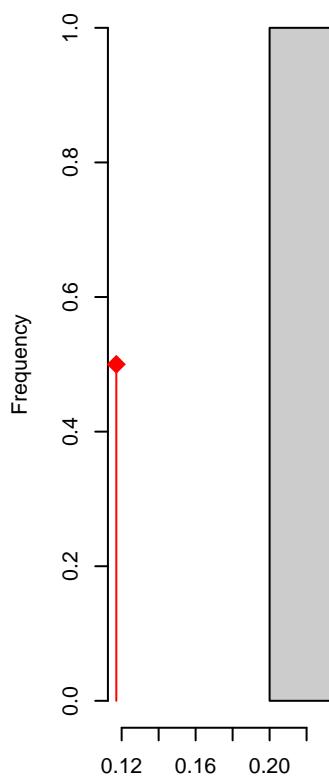


niche overlap:  
 $D=0.117$

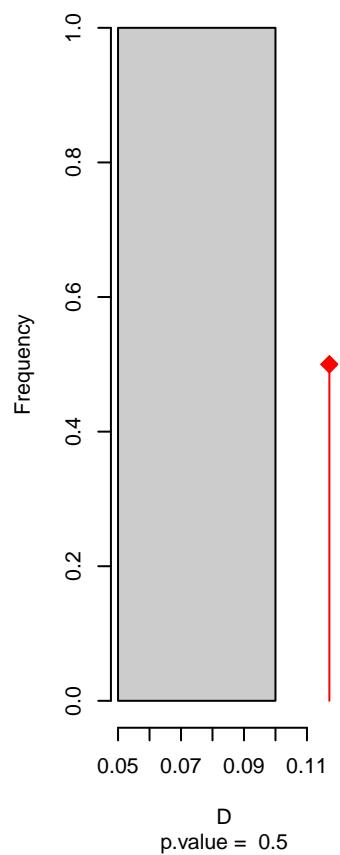
**Muscisaxicola\_albilora seasonal overlap–hypo wi**



**Equivalency**

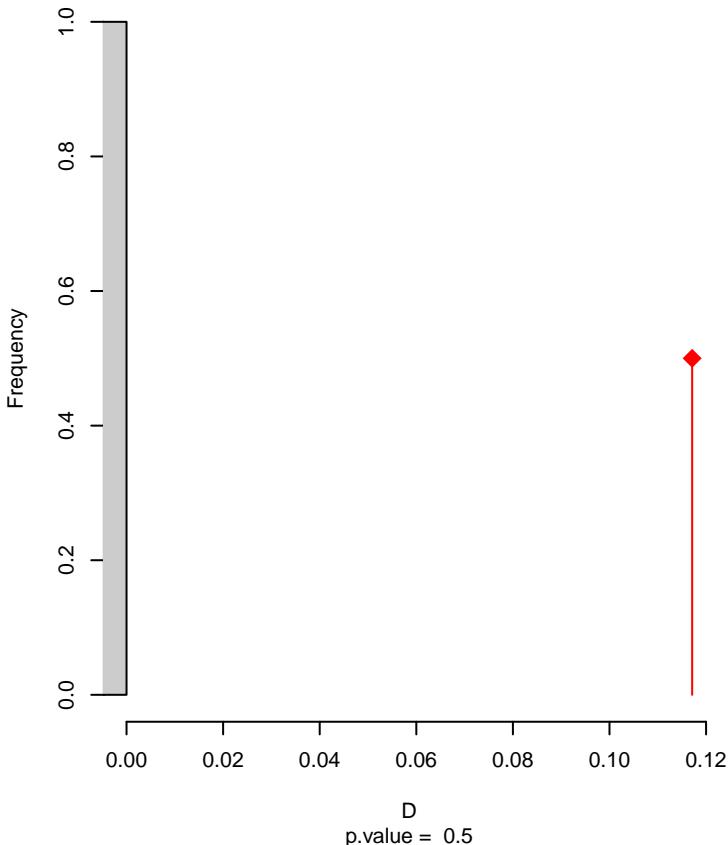


**Similarity 2->1**



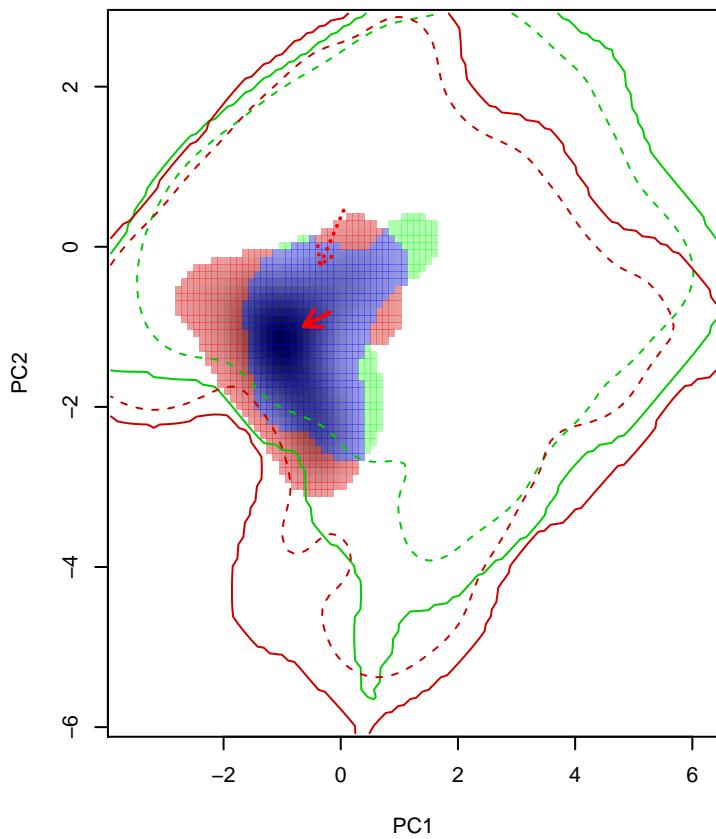
**D**  
p.value = 0.5

**Similarity 1->2**

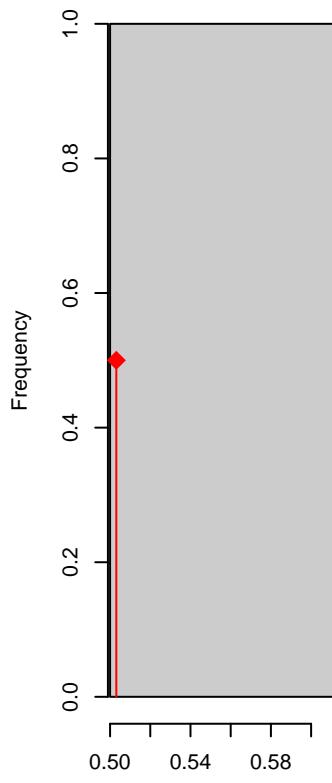


niche overlap:  
 $D = 0.503$

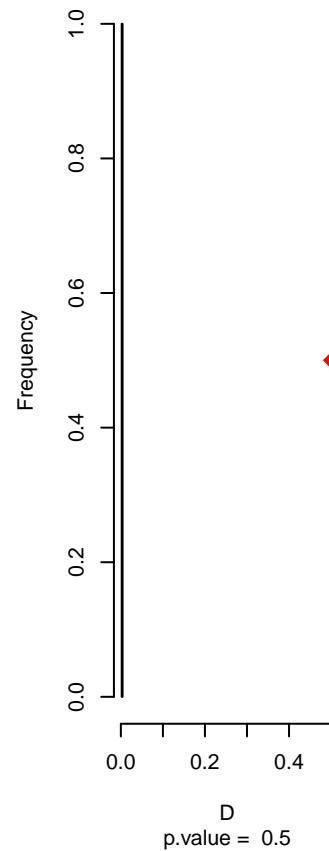
**Muscisaxicola\_alpinus seasonal overlap**



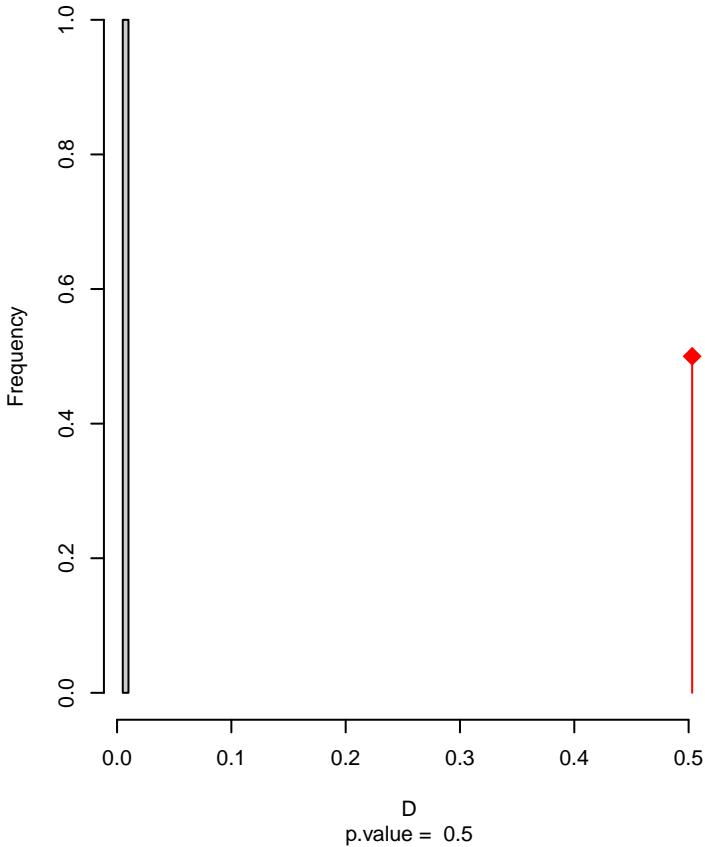
**Equivalency**



**Similarity 2->1**

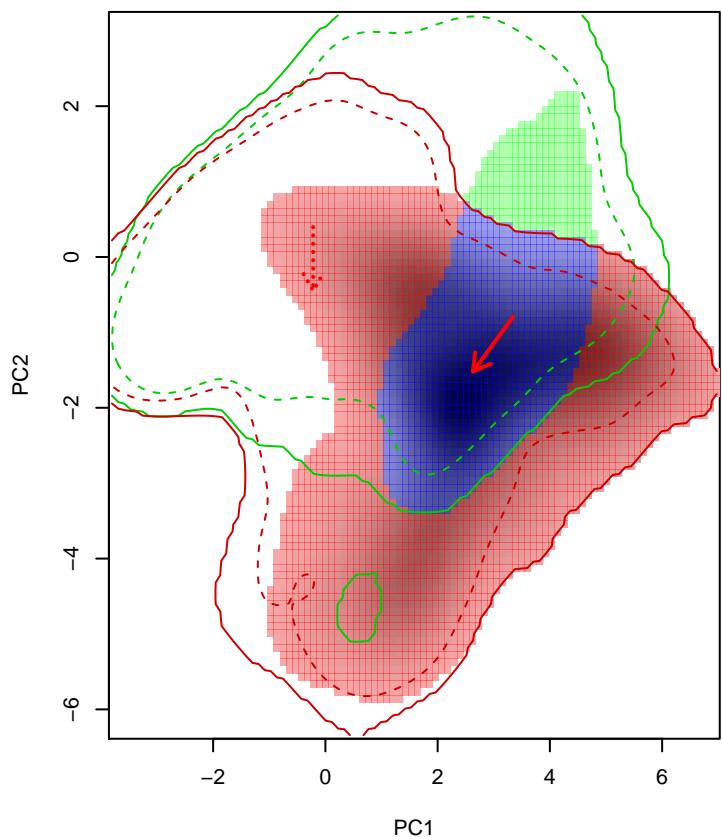


**Similarity 1->2**

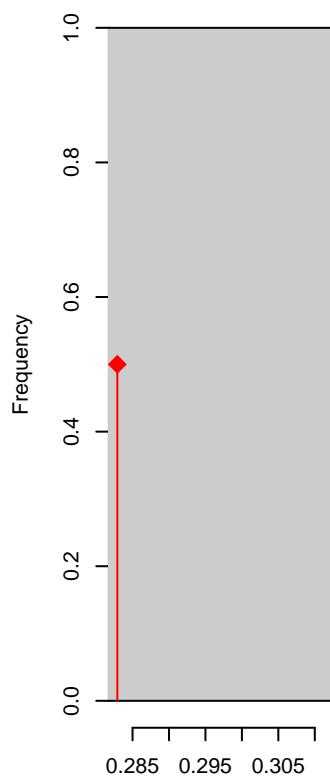


niche overlap:  
 $D = 0.283$

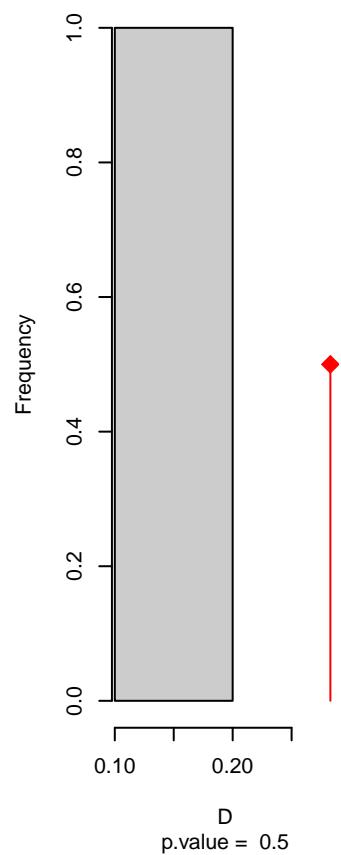
**Muscisaxicola\_capistratus seasonal overlap**



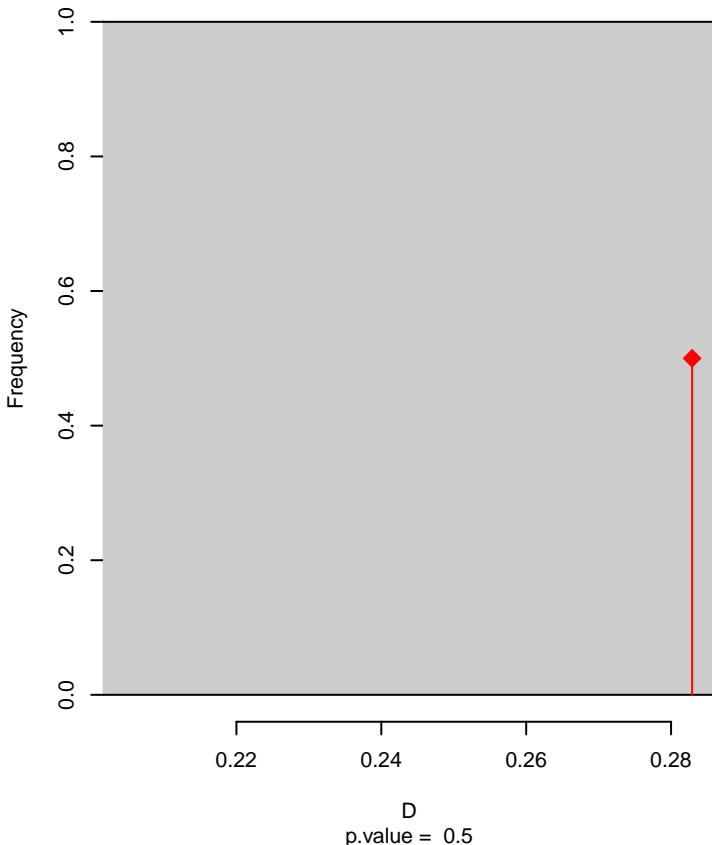
**Equivalency**



**Similarity 2->1**

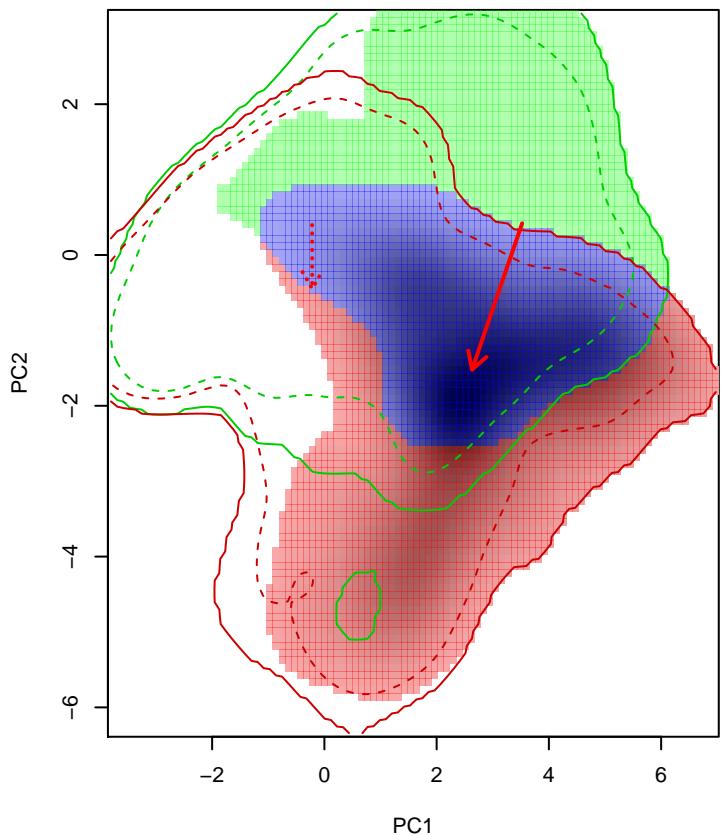


**Similarity 1->2**

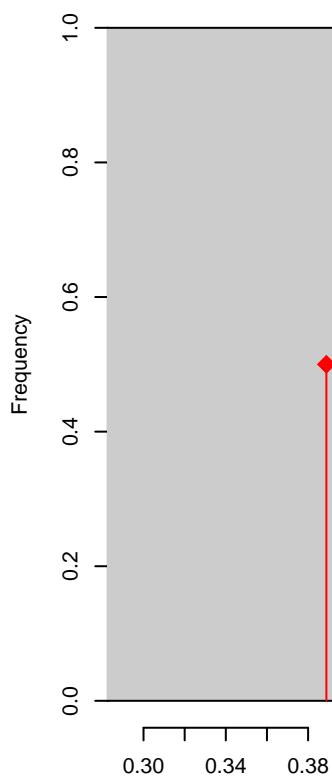


niche overlap:  
 $D=0.389$

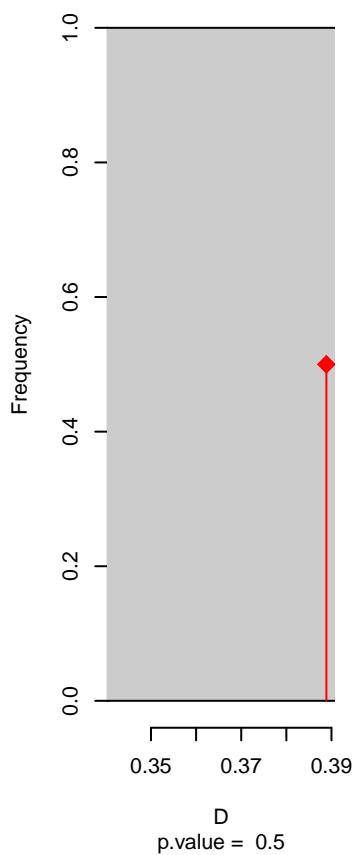
***Muscisaxicola\_capistratus* seasonal overlap-hypo.br**



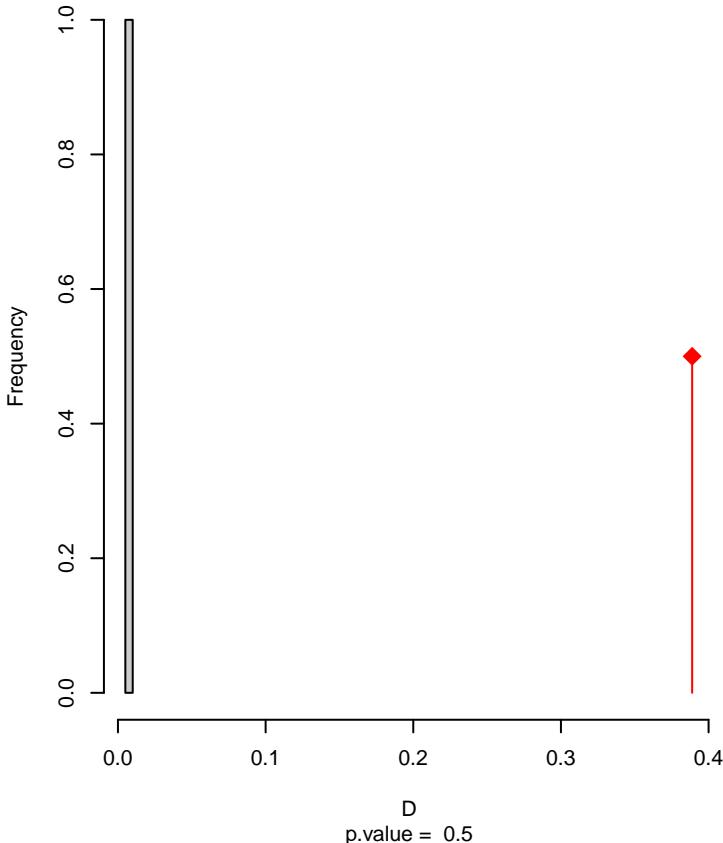
**Equivalency**



**Similarity 2->1**

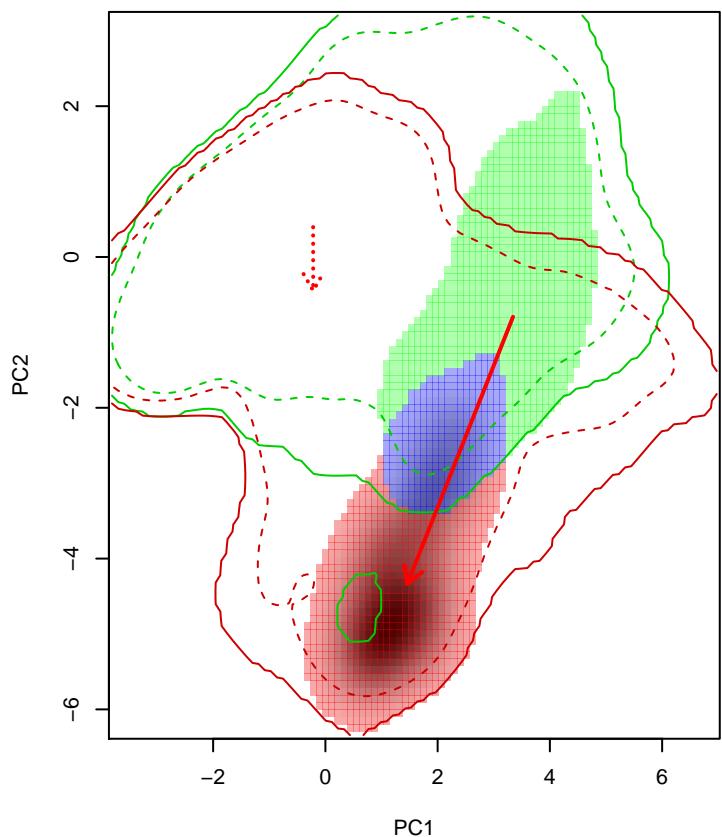


**Similarity 1->2**

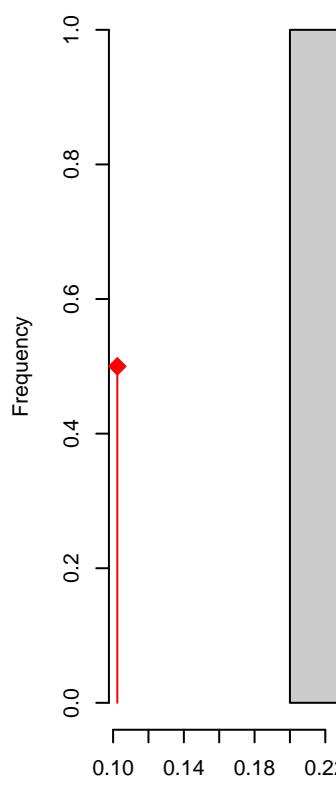


niche overlap:  
 $D = 0.102$

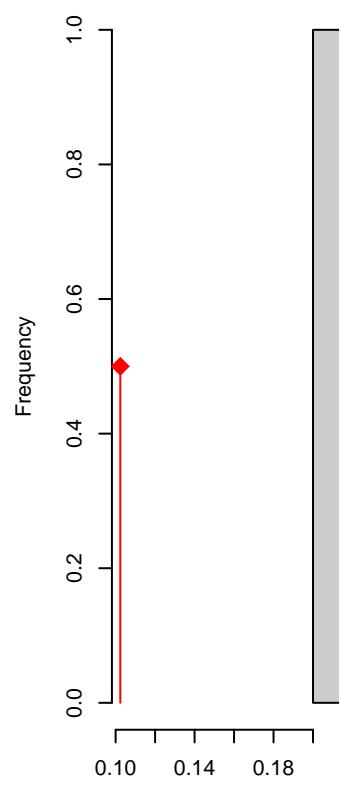
**Muscisaxicola\_capistratus seasonal overlap-hypo wi**



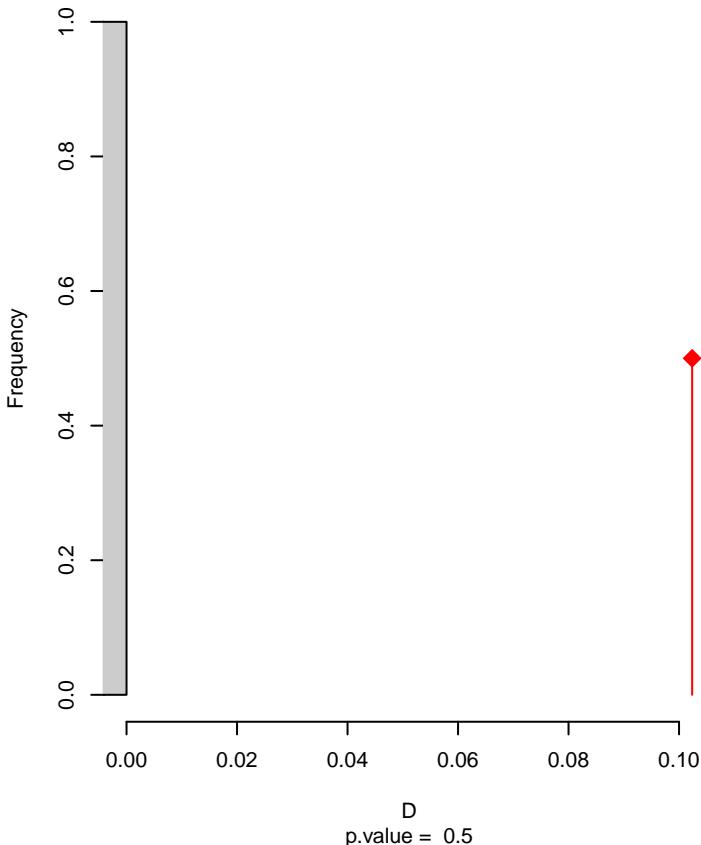
**Equivalency**



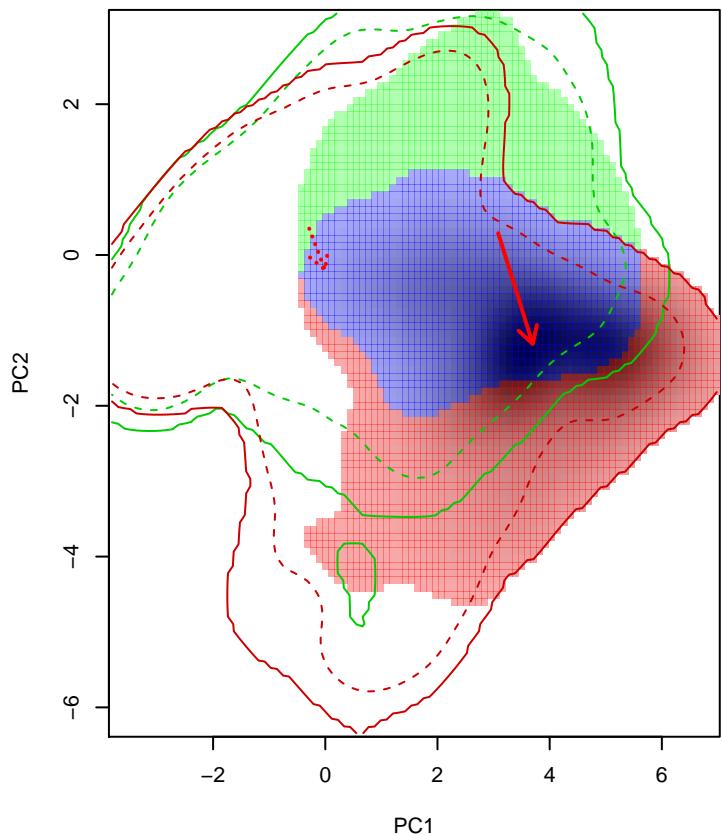
**Similarity 2->1**



**Similarity 1->2**

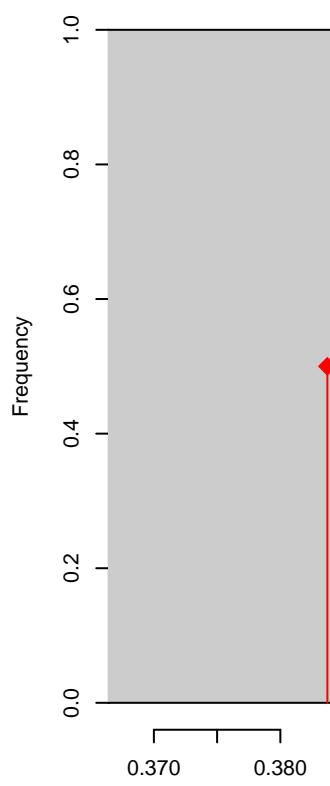


**Muscisaxicola\_cinereus seasonal overlap**

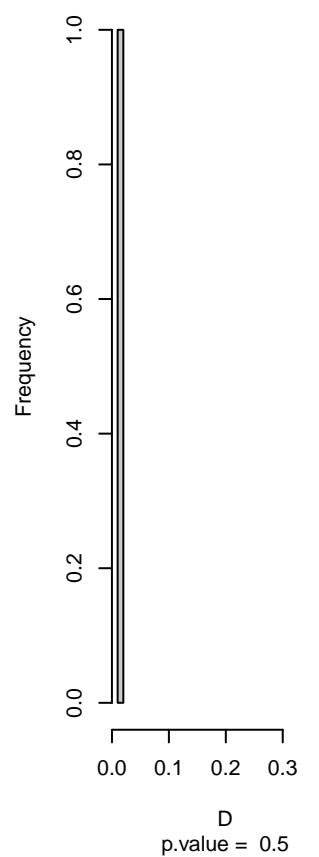


niche overlap:  
 $D=0.384$

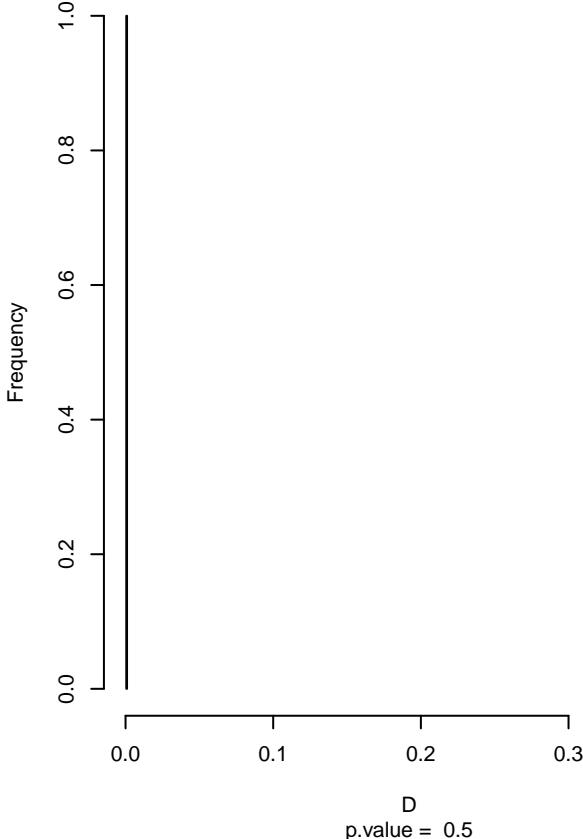
**Equivalency**



**Similarity 2->1**

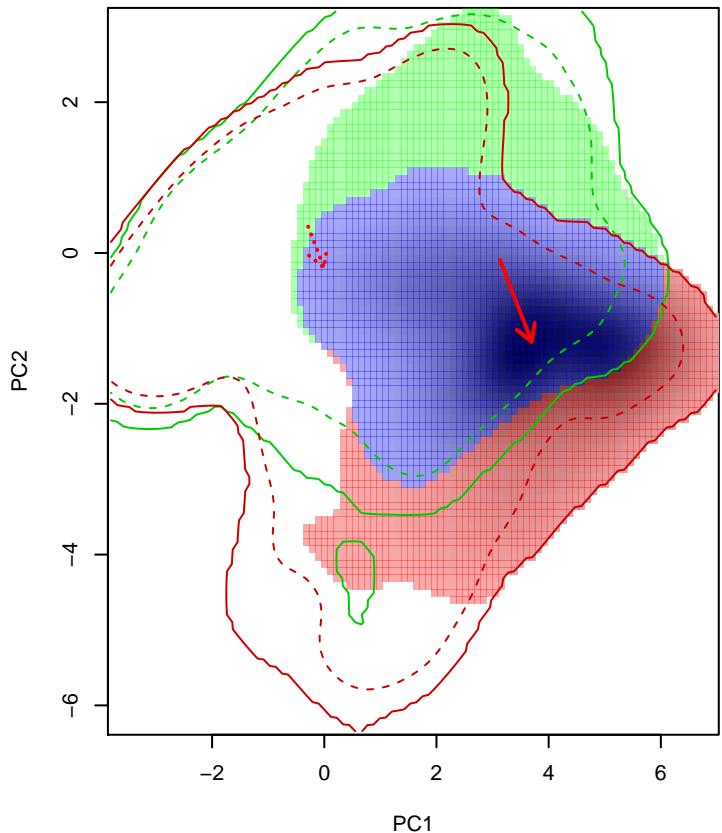


**Similarity 1->2**

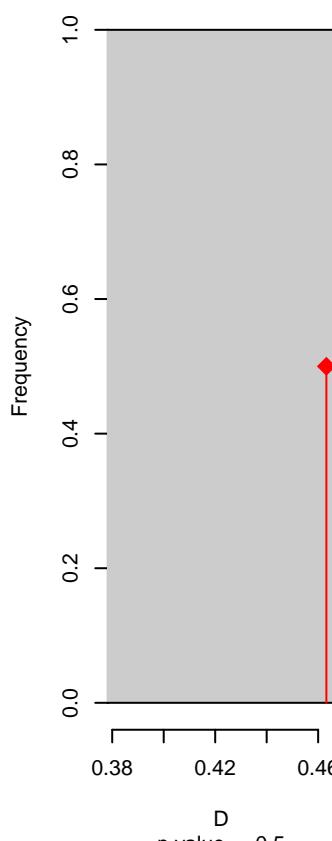


niche overlap:  
 $D=0.463$

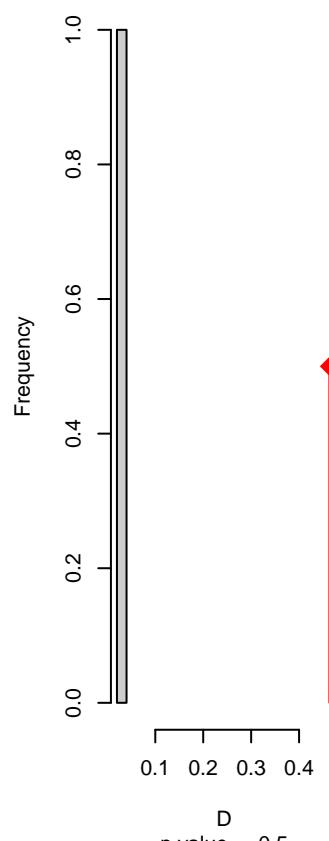
**Muscisaxicola\_cinereus seasonal overlap-hypo.br**



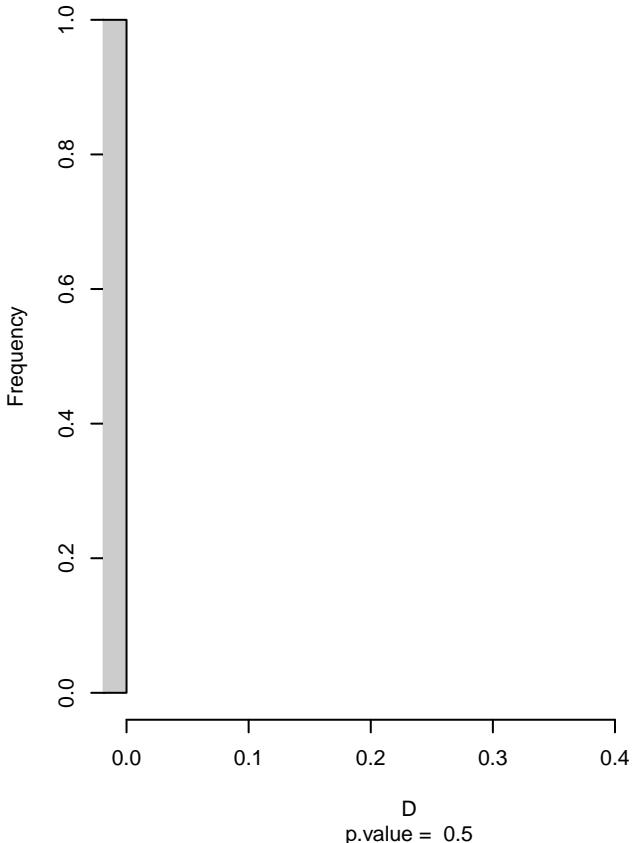
**Equivalency**



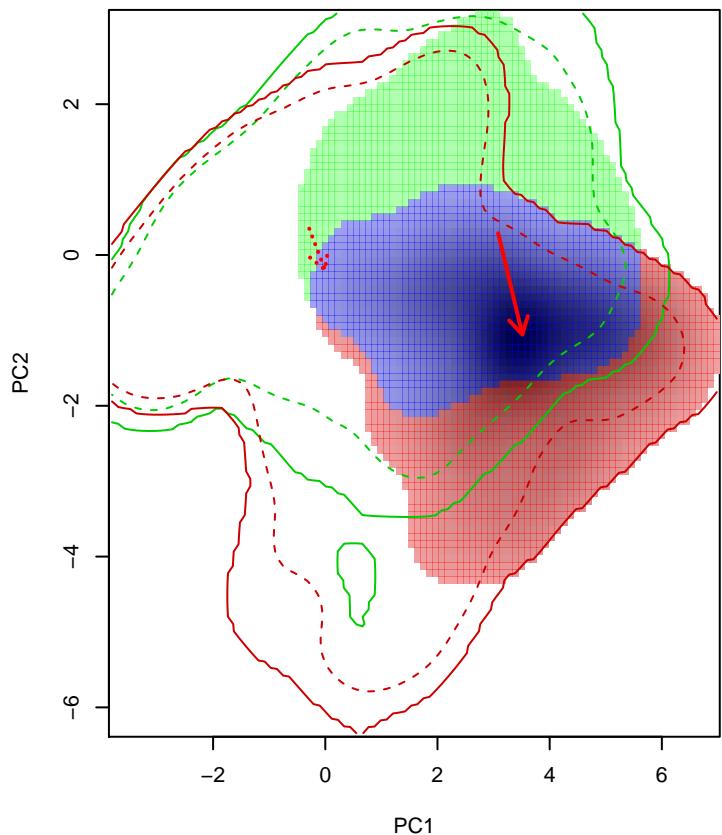
**Similarity 2->1**



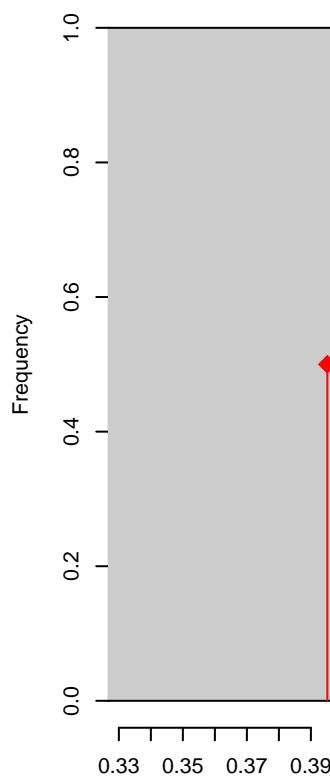
**Similarity 1->2**



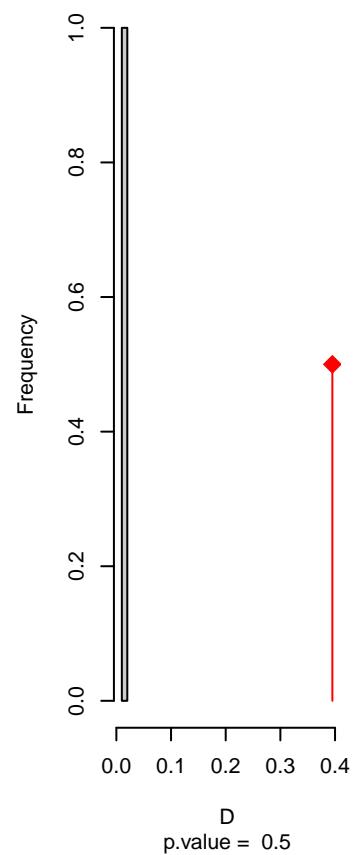
**Muscisaxicola\_cinereus seasonal overlap-hypo wi**



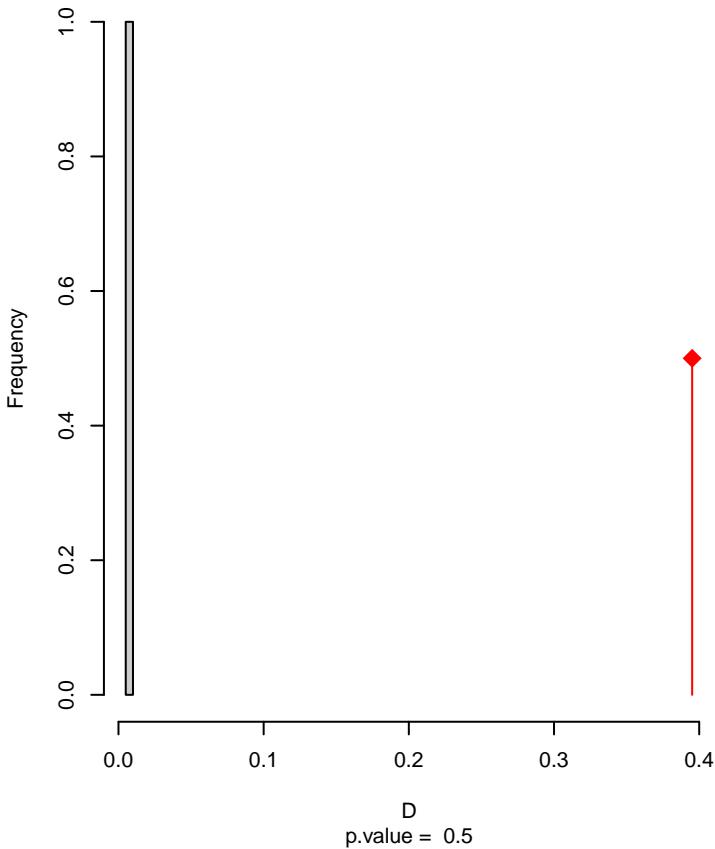
**Equivalency**



**Similarity 2->1**

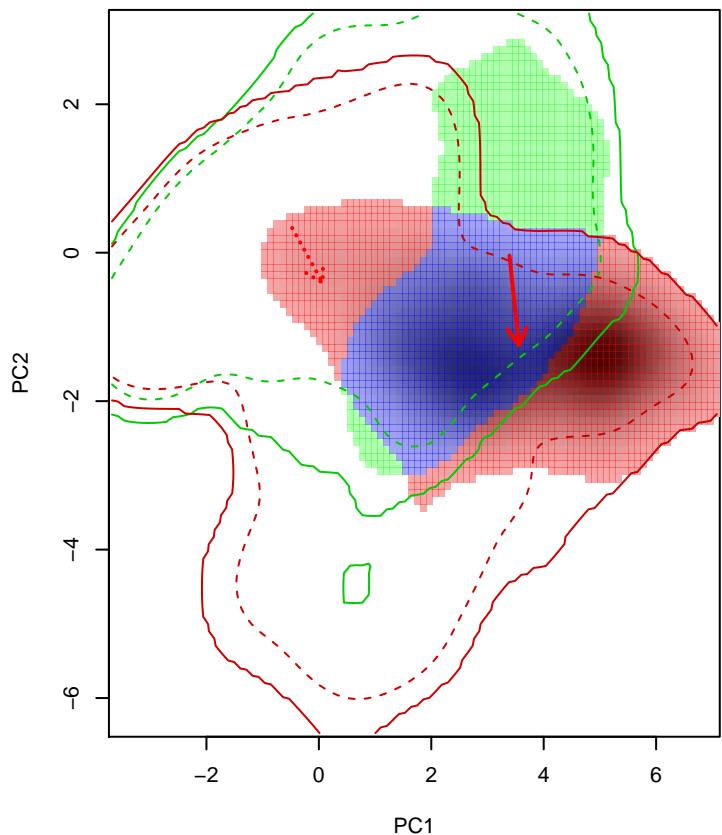


**Similarity 1→2**

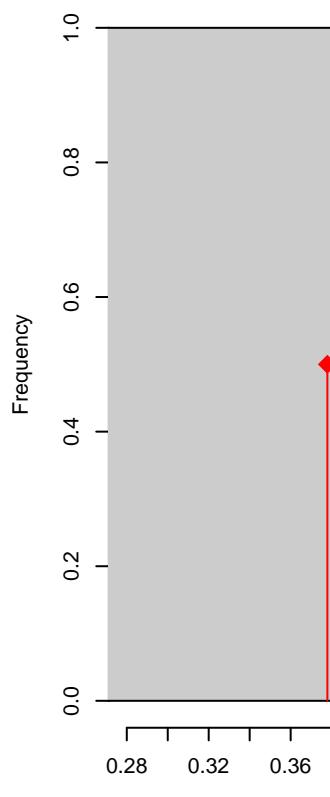


niche overlap:  
 $D=0.378$

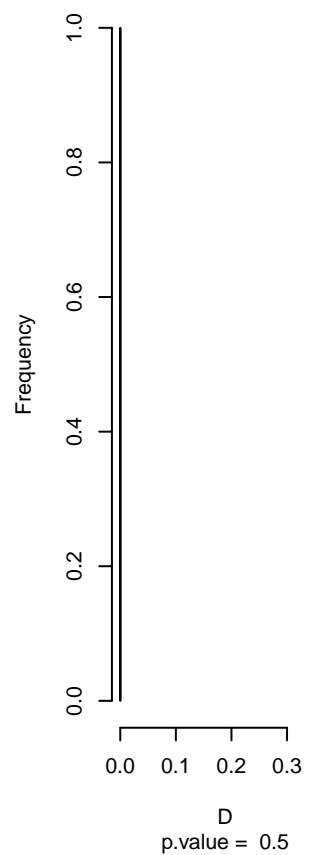
**Muscisaxicola\_flavinucha seasonal overlap**



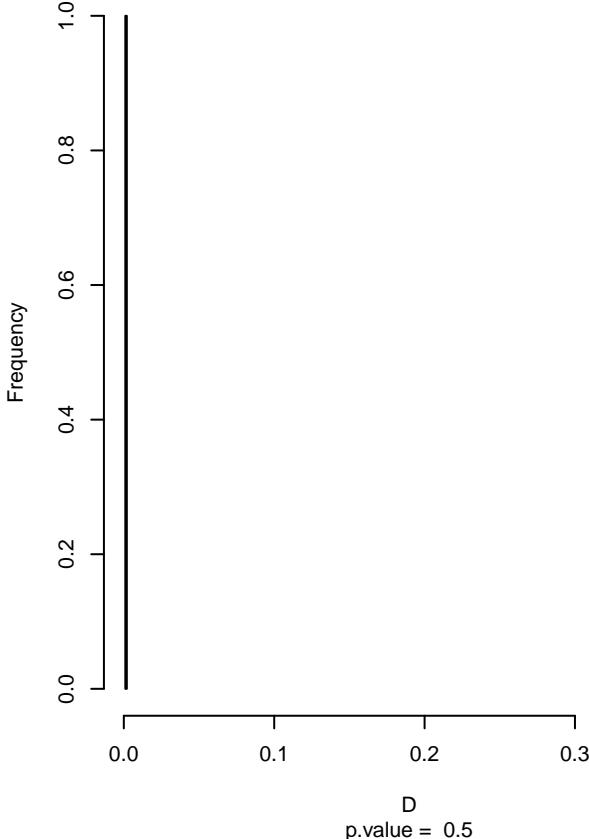
**Equivalency**



**Similarity 2→1**

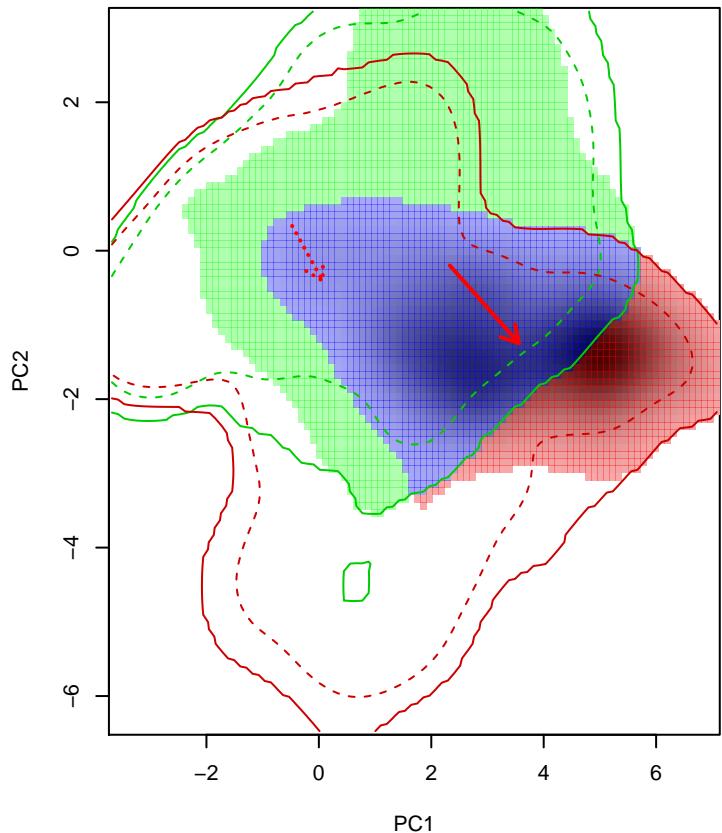


**Similarity 1->2**

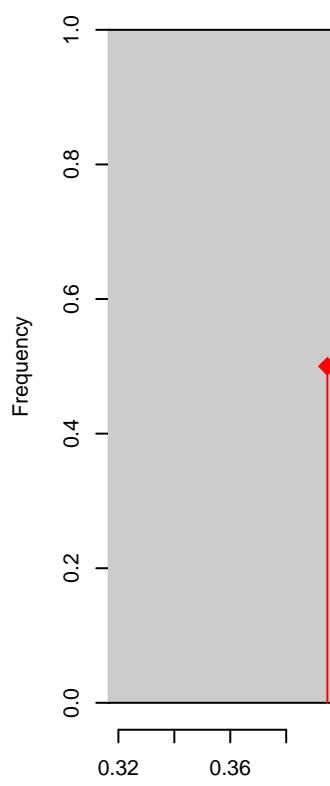


niche overlap:  
D= 0.395

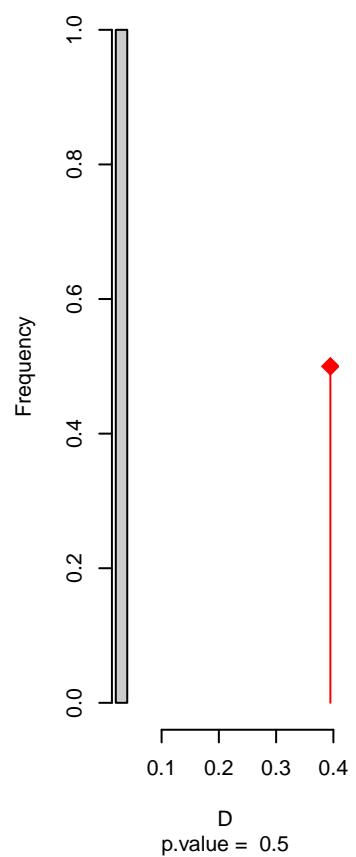
**Muscisaxicola\_flavinucha seasonal overlap-hypo.br**



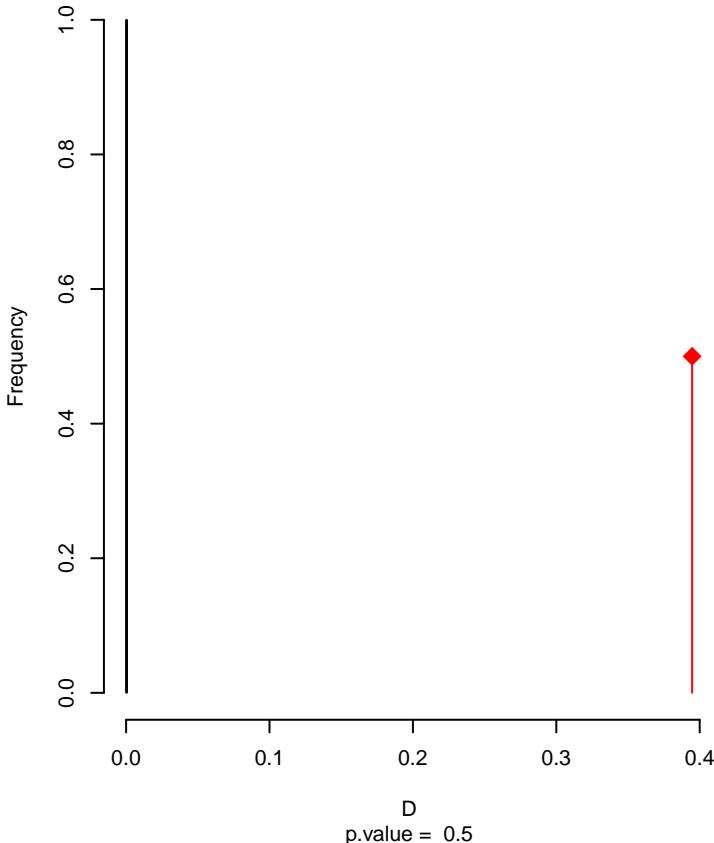
**Equivalency**



**Similarity 2->1**

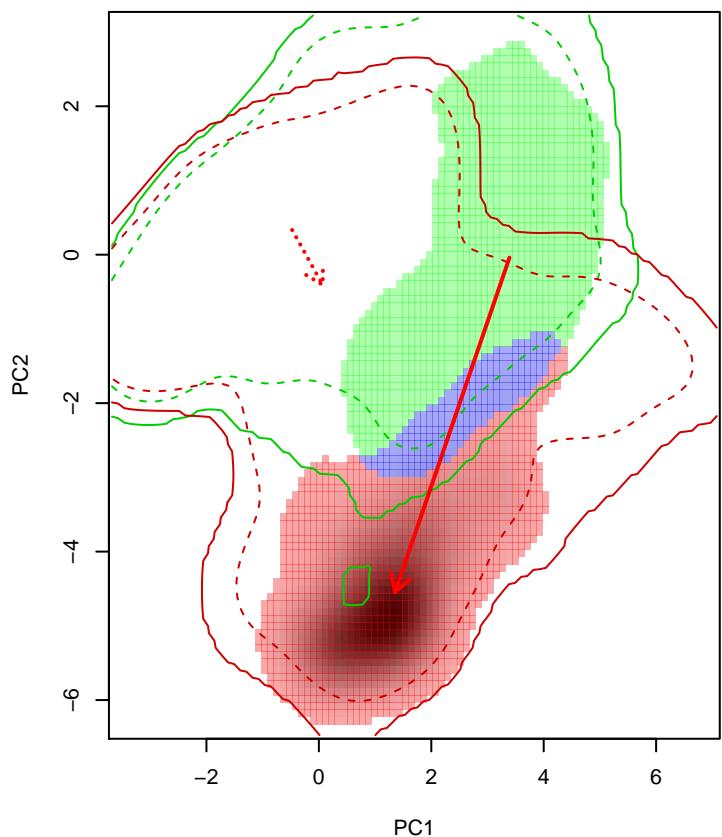


**Similarity 1->2**

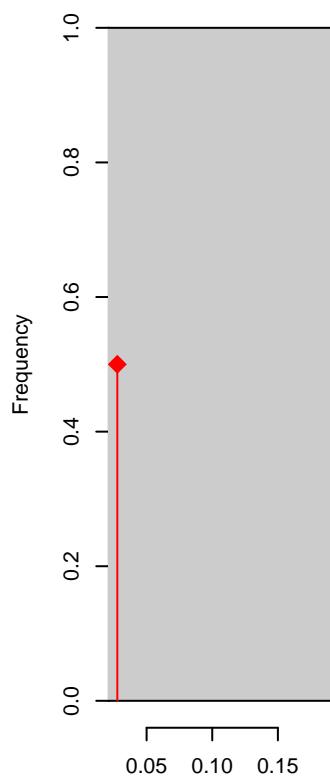


niche overlap:  
 $D = 0.028$

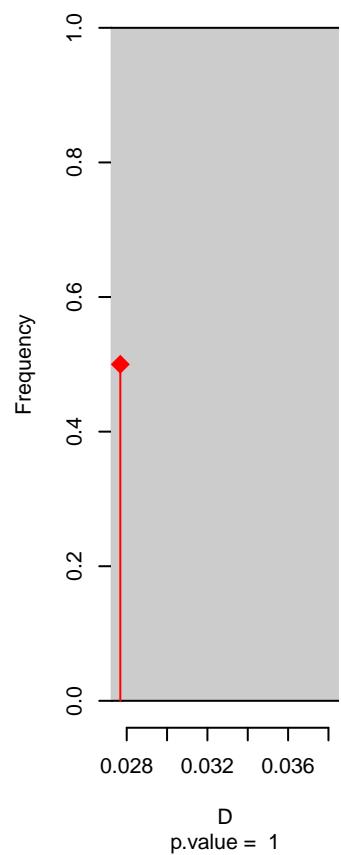
**Muscisaxicola\_flavinucha seasonal overlap-hypo wi**



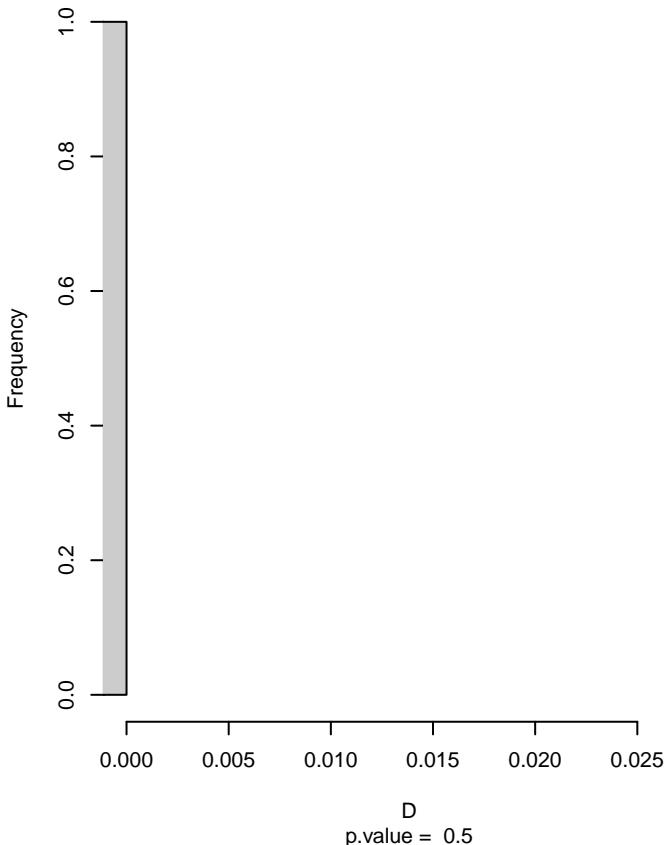
**Equivalency**



**Similarity 2->1**

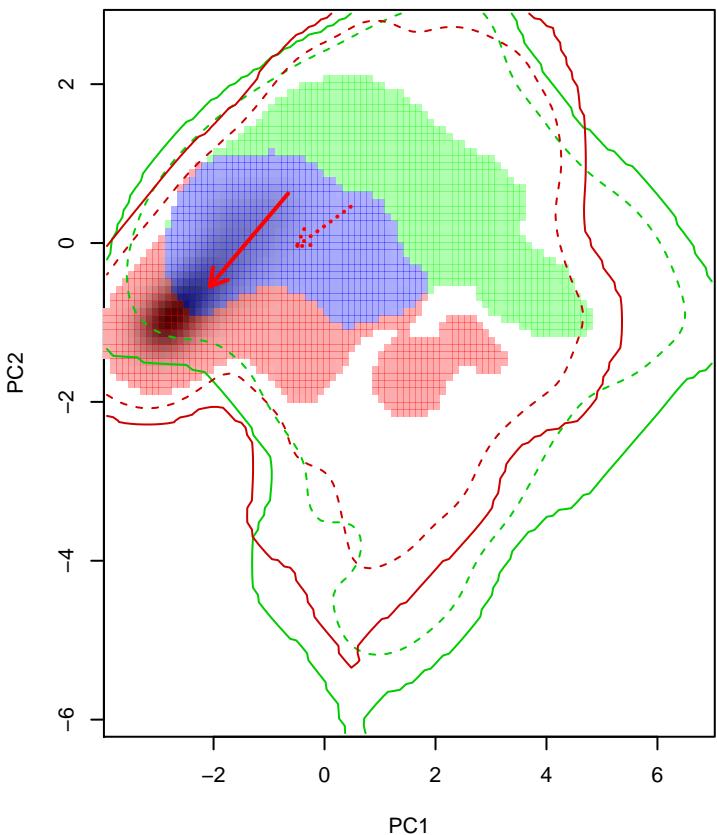


### Similarity 1->2

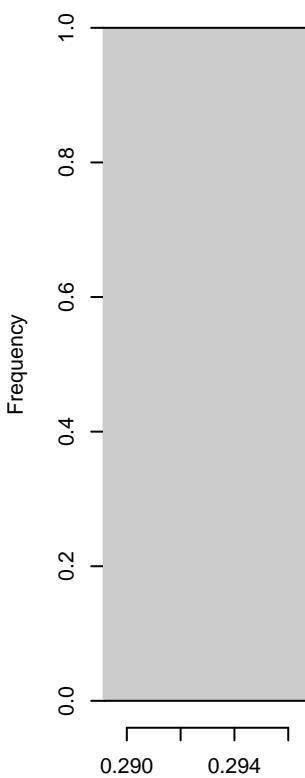


niche overlap:  
 $D = 0.297$

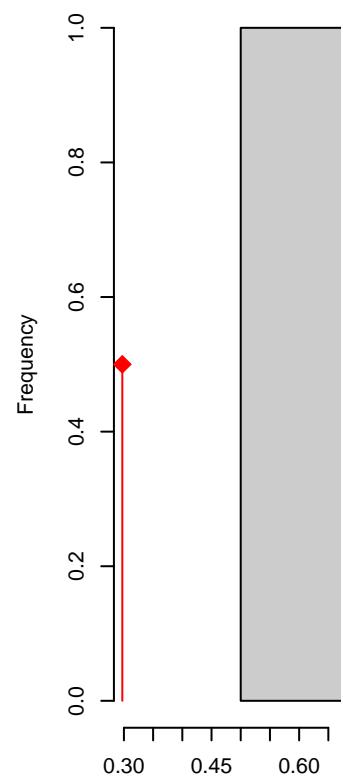
### Muscisaxicola\_fluviatilis seasonal overlap



### Equivalency



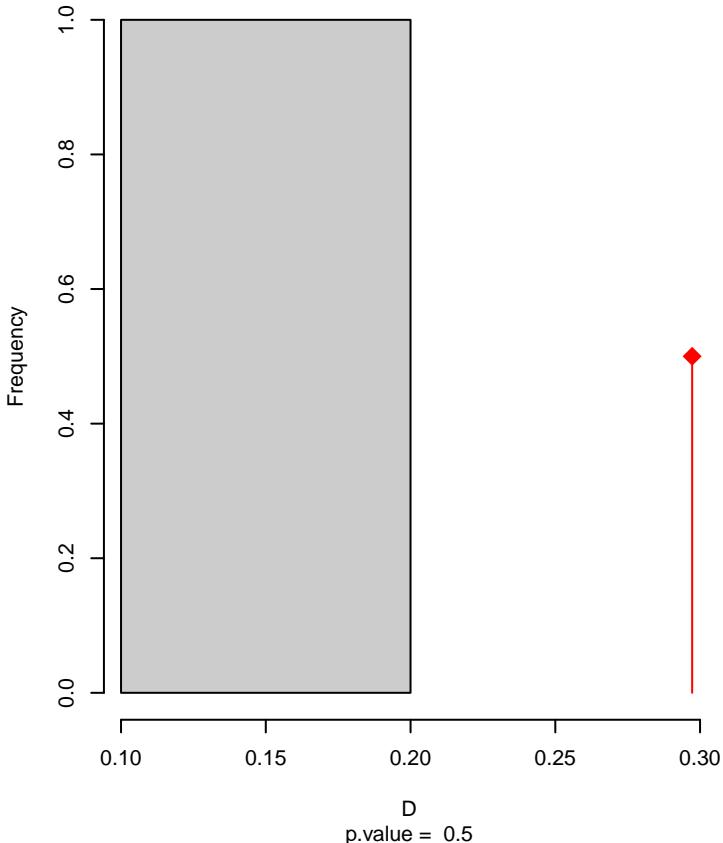
### Similarity 2->1



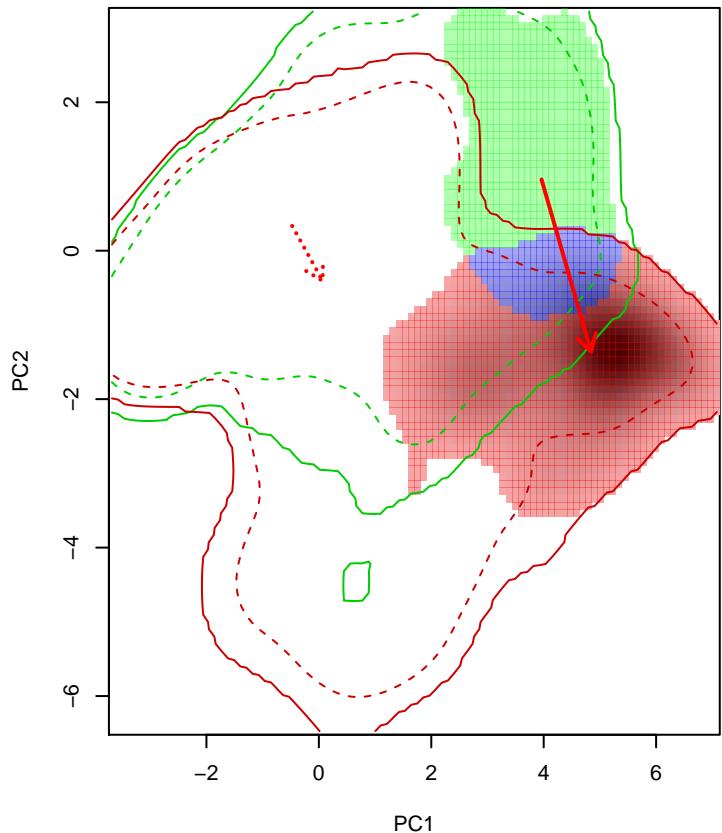
D  
p.value = 0.5

D  
p.value = 1

**Similarity 1->2**

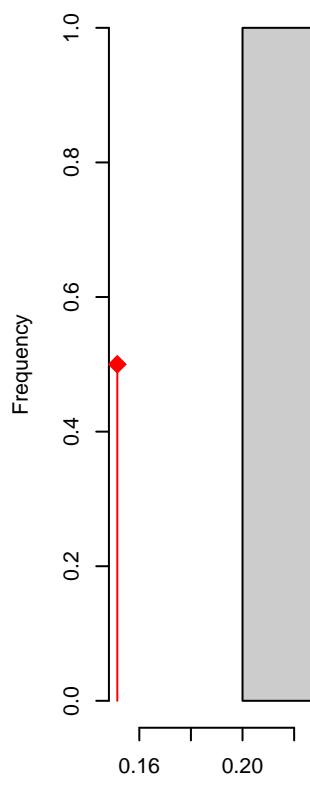


**Muscisaxicola\_frontalis seasonal overlap**

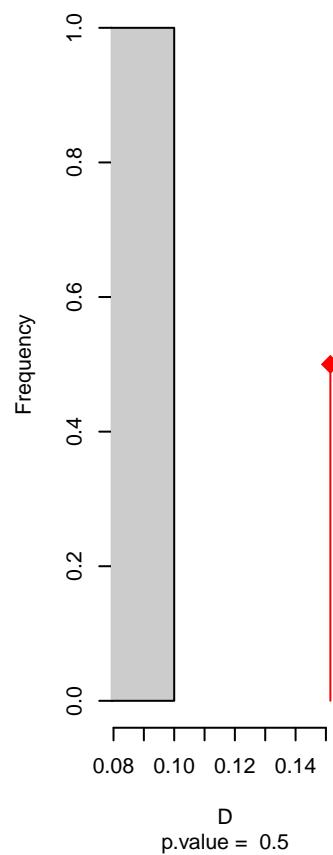


**Equivalency**

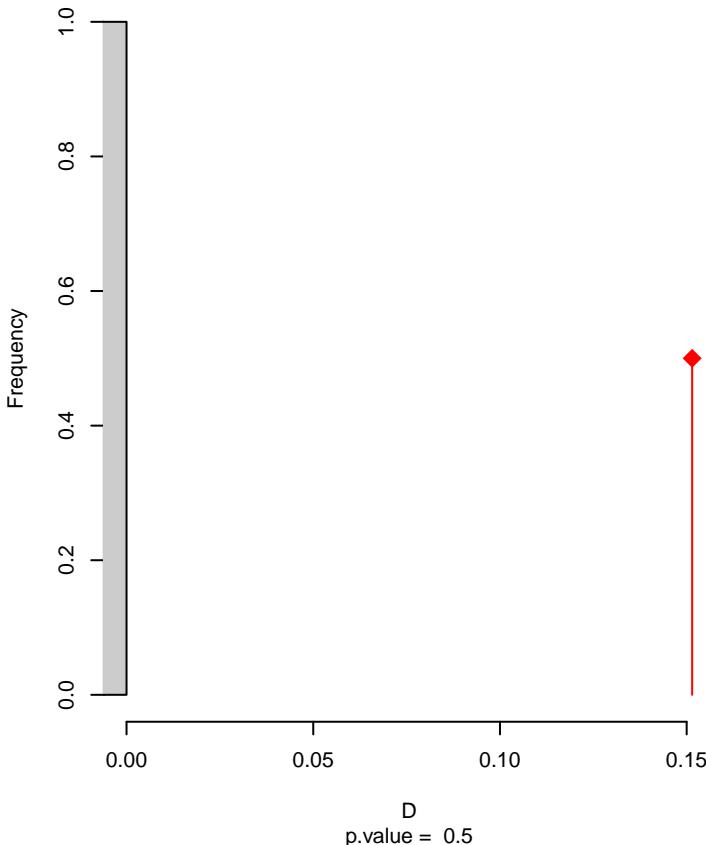
niche overlap:  
D= 0.151



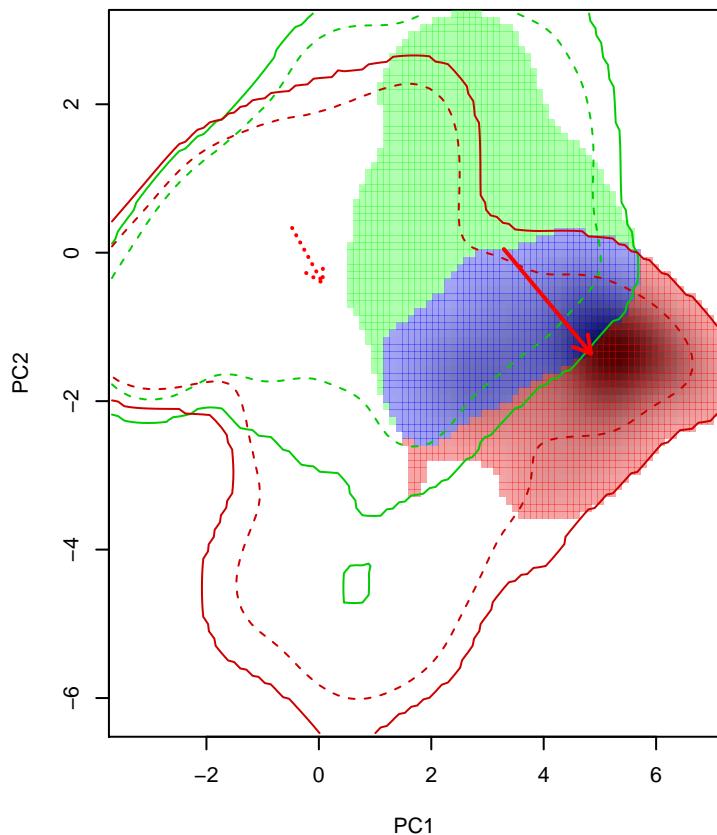
**Similarity 2->1**



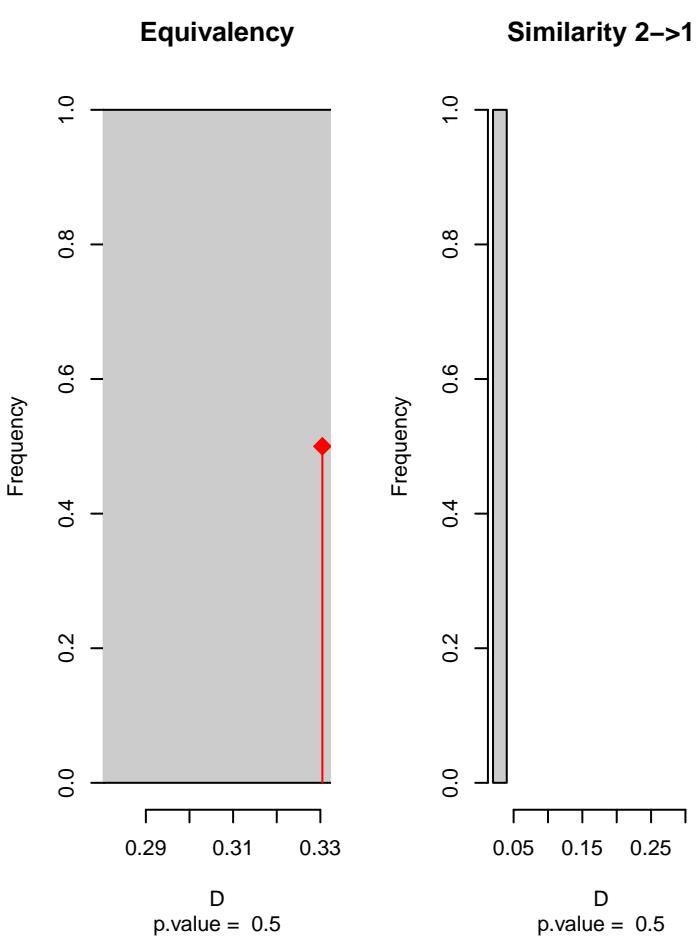
**Similarity 1->2**



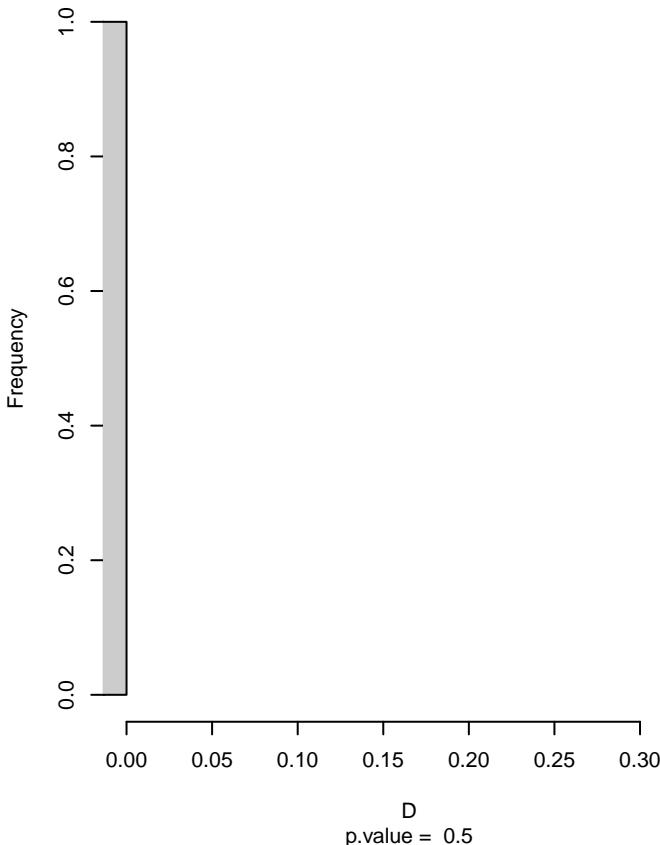
**Muscisaxicola\_frontalis seasonal overlap-hypo.br**



niche overlap:  
D= 0.33

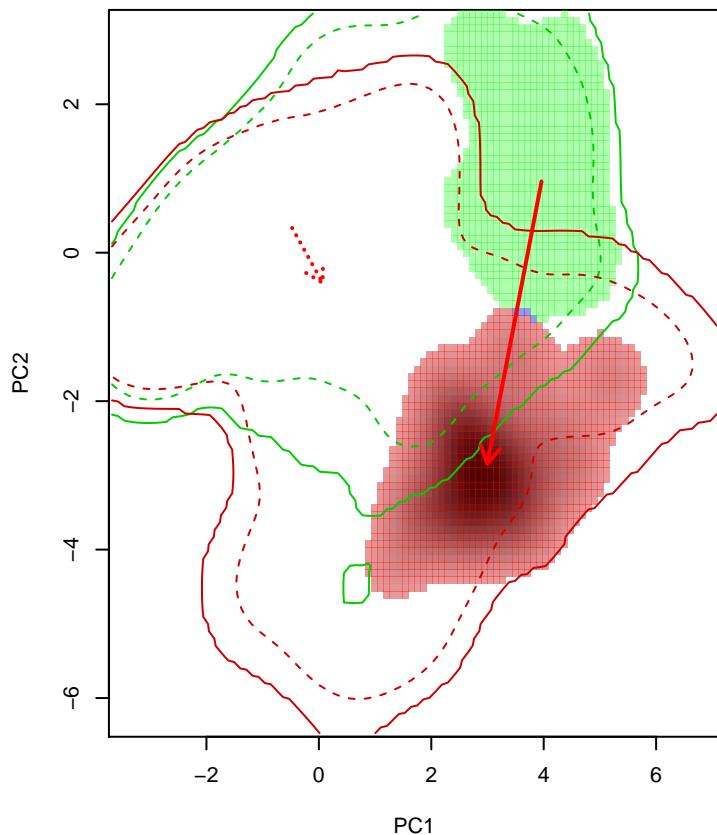


**Similarity 1->2**

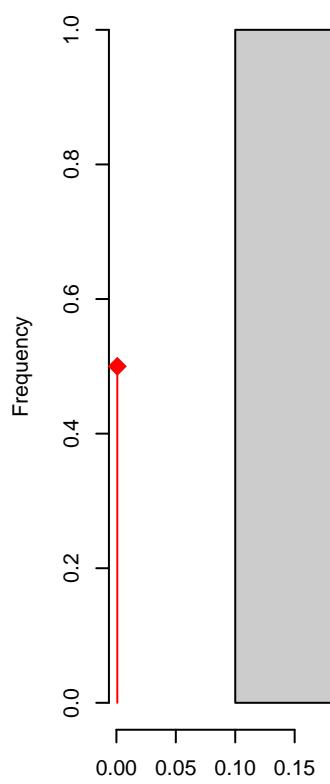


niche overlap:  
 $D = 0.001$

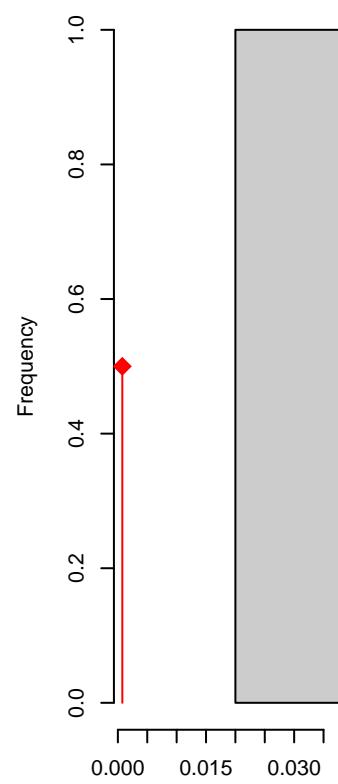
**Muscisaxicola\_frontalis seasonal overlap-hypo wi**



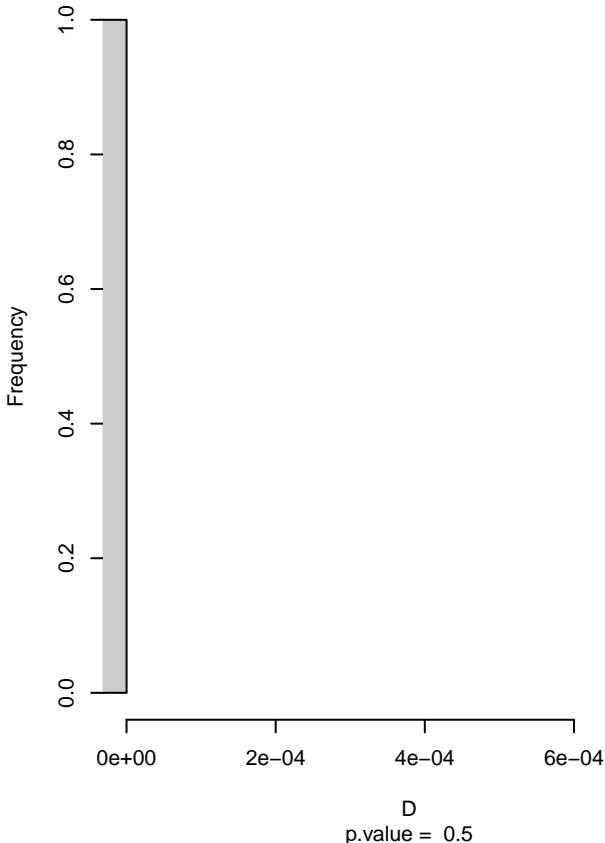
**Equivalency**



**Similarity 2->1**

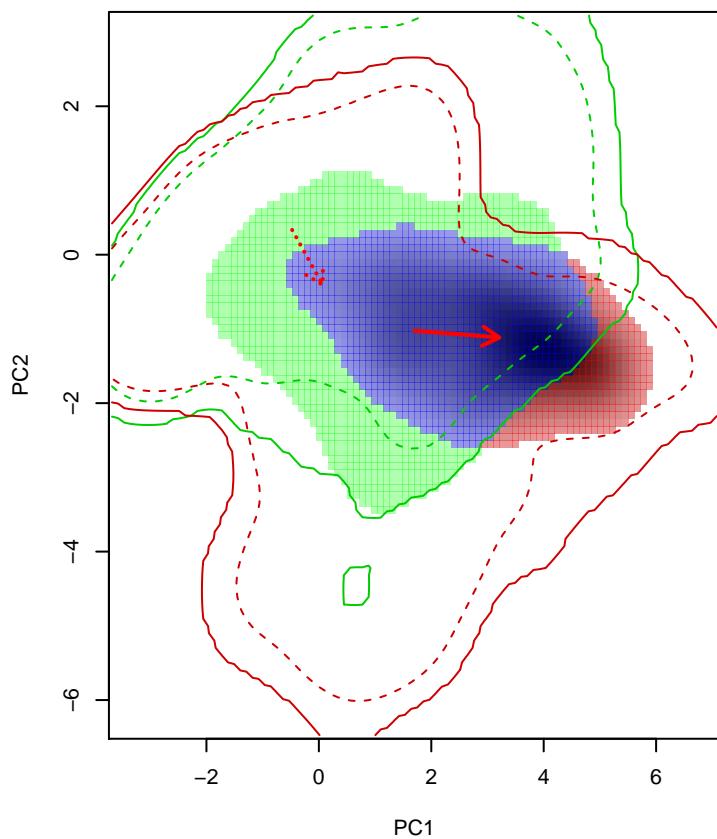


### Similarity 1->2

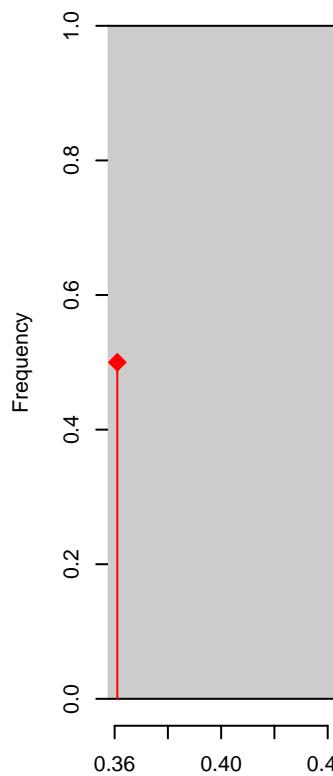


niche overlap:  
 $D = 0.361$

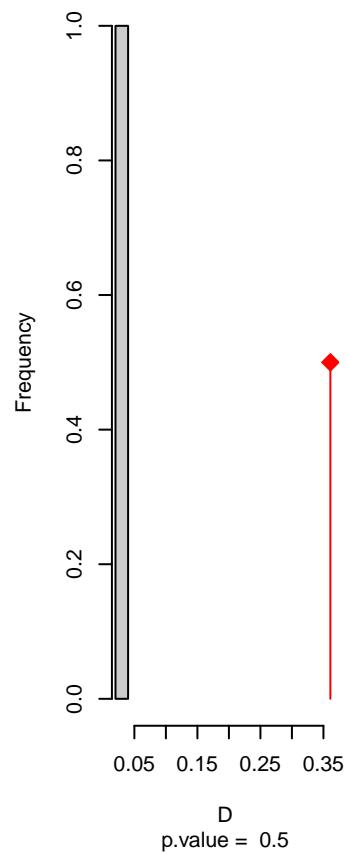
### Muscisaxicola\_griseus seasonal overlap



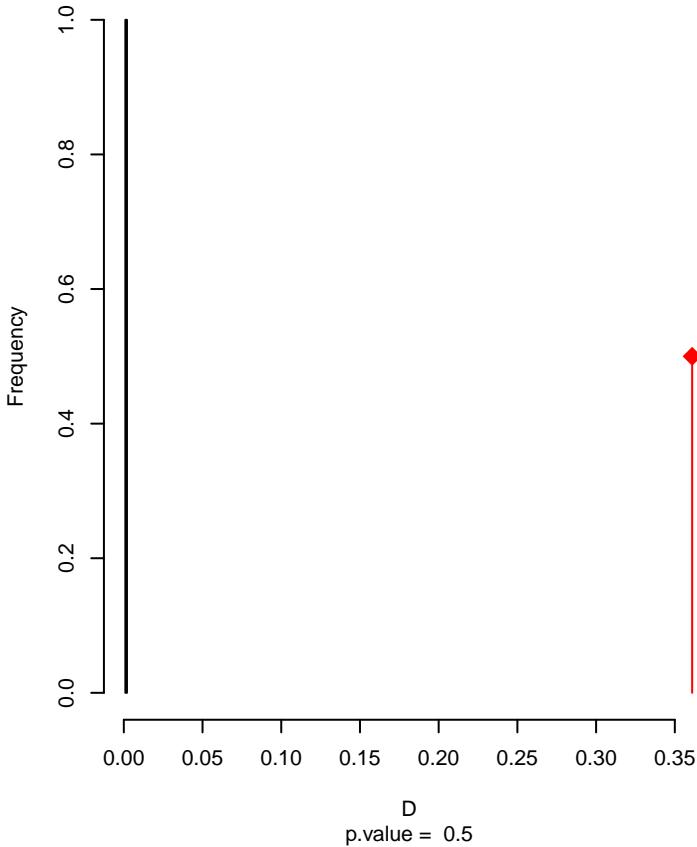
### Equivalency



### Similarity 2->1

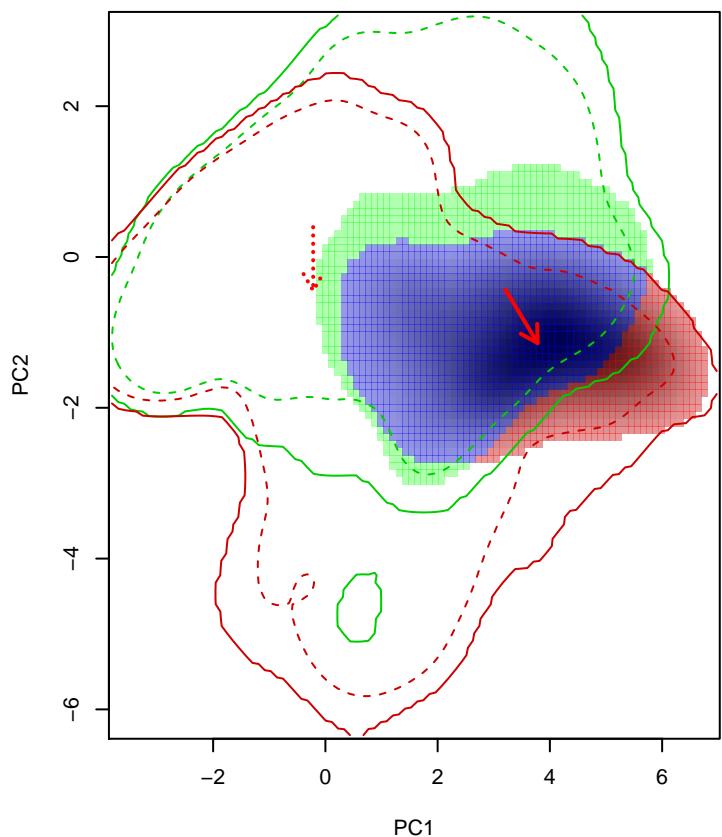


**Similarity 1->2**

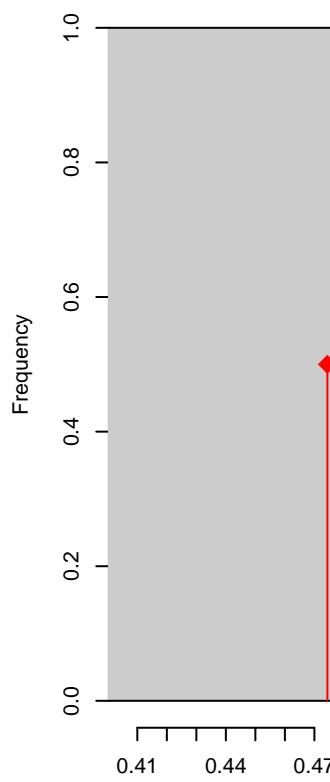


niche overlap:  
D= 0.474

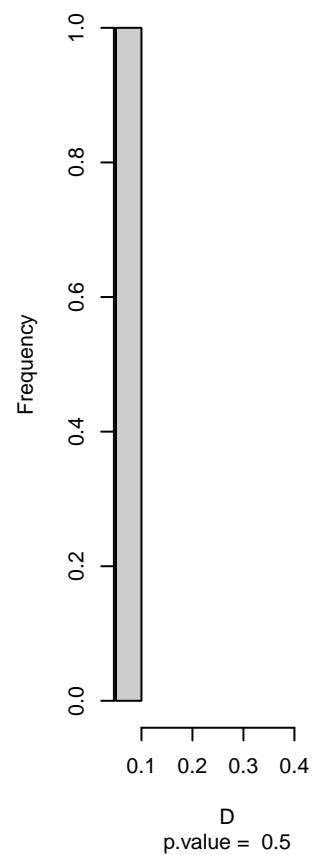
**Muscisaxicola\_juninensis seasonal overlap**



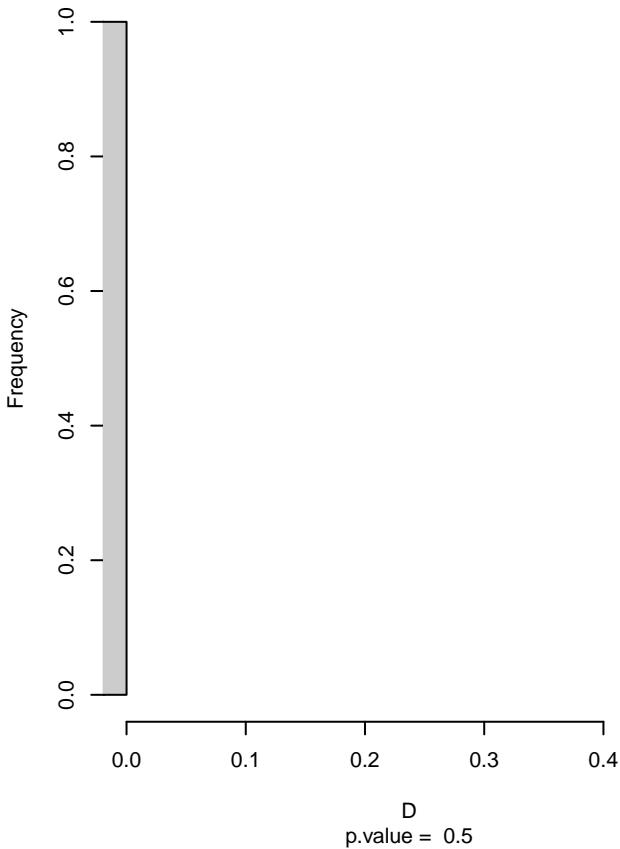
**Equivalency**



**Similarity 2->1**

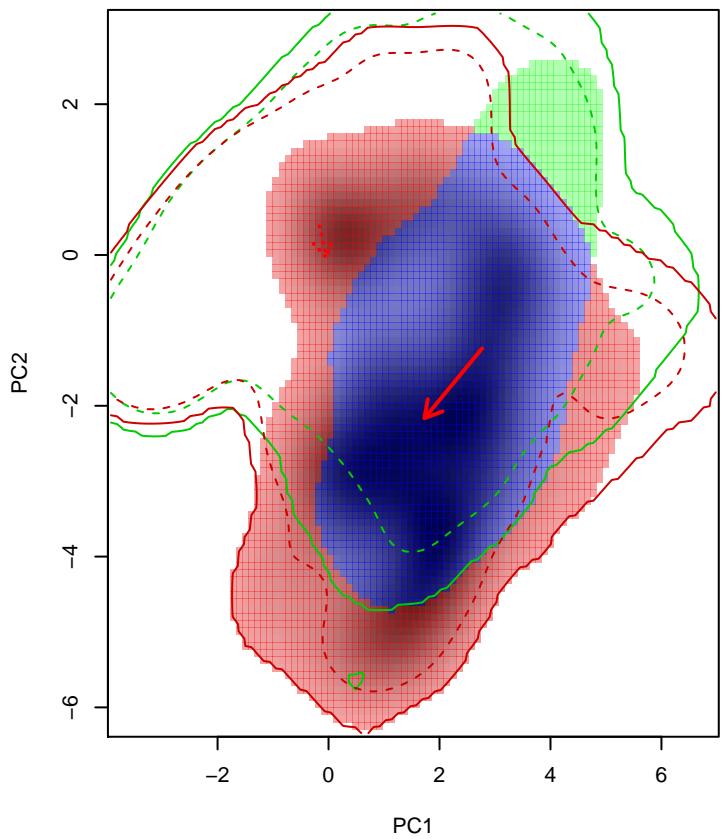


**Similarity 1->2**

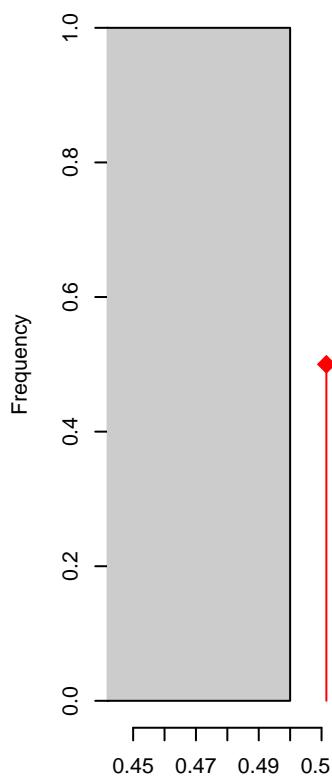


niche overlap:  
 $D=0.512$

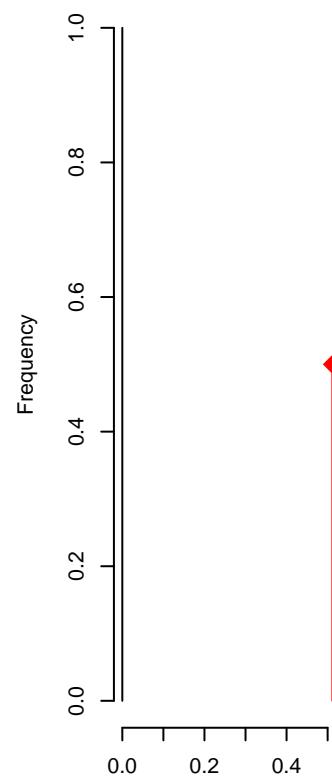
**Muscisaxicola\_maclovianus seasonal overlap**



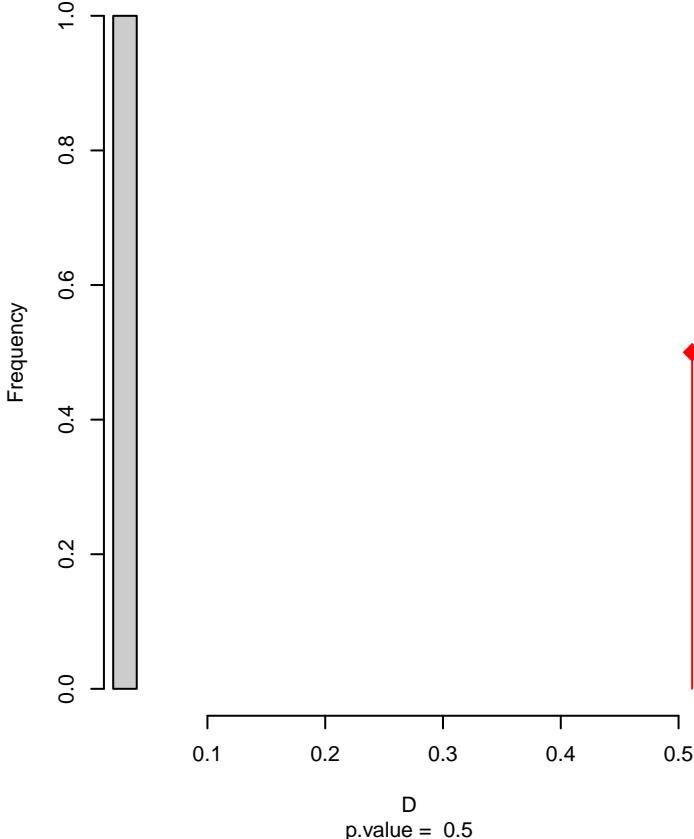
**Equivalency**



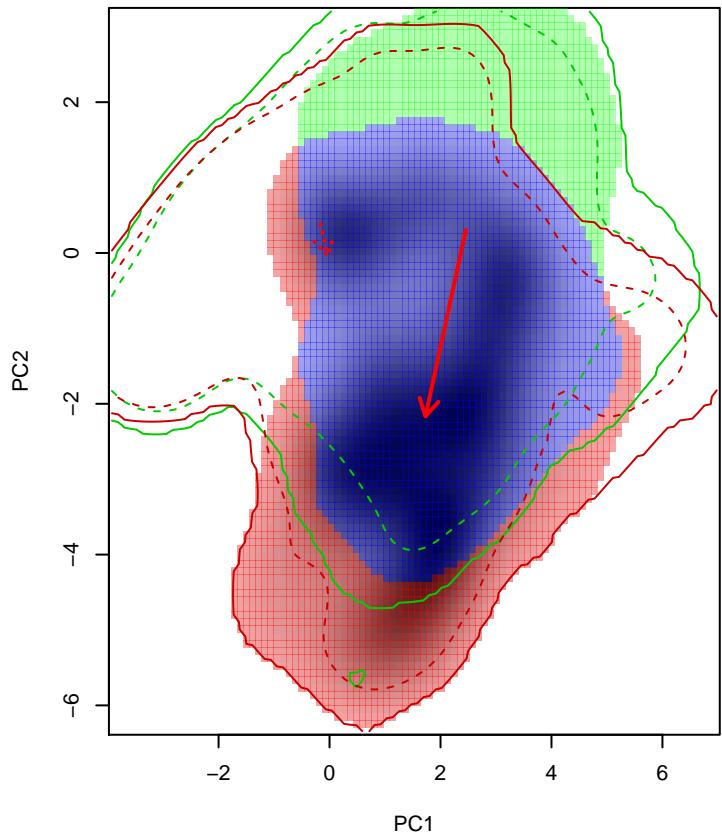
**Similarity 2->1**



**Similarity 1->2**

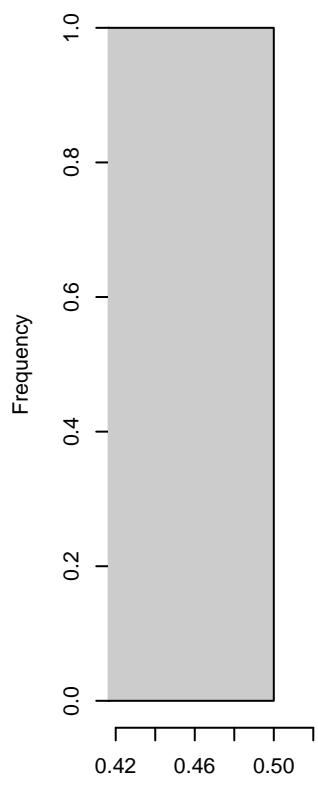


**Muscisaxicola\_maclovianus seasonal overlap-hypo.br**

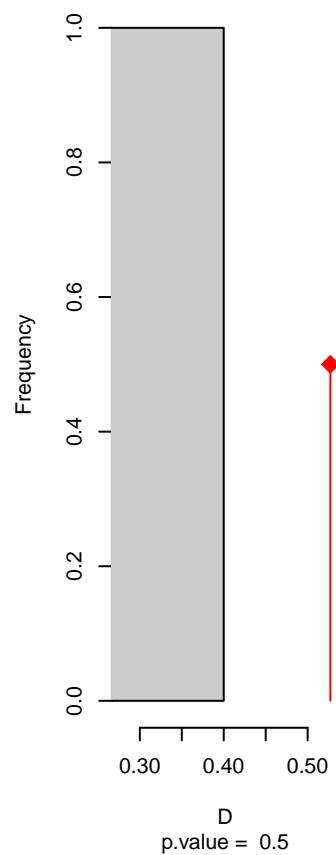


niche overlap:  
D= 0.527

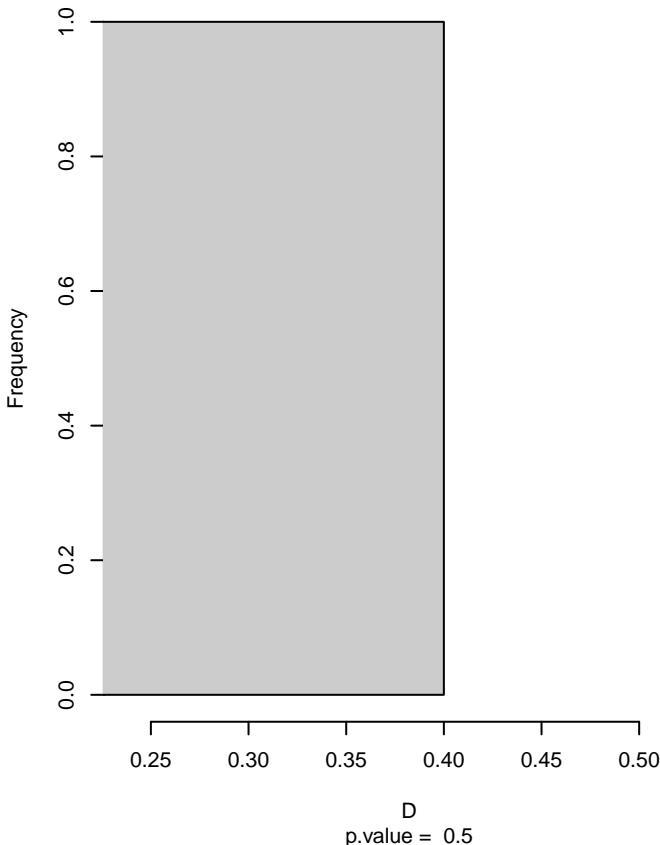
**Equivalency**



**Similarity 2->1**

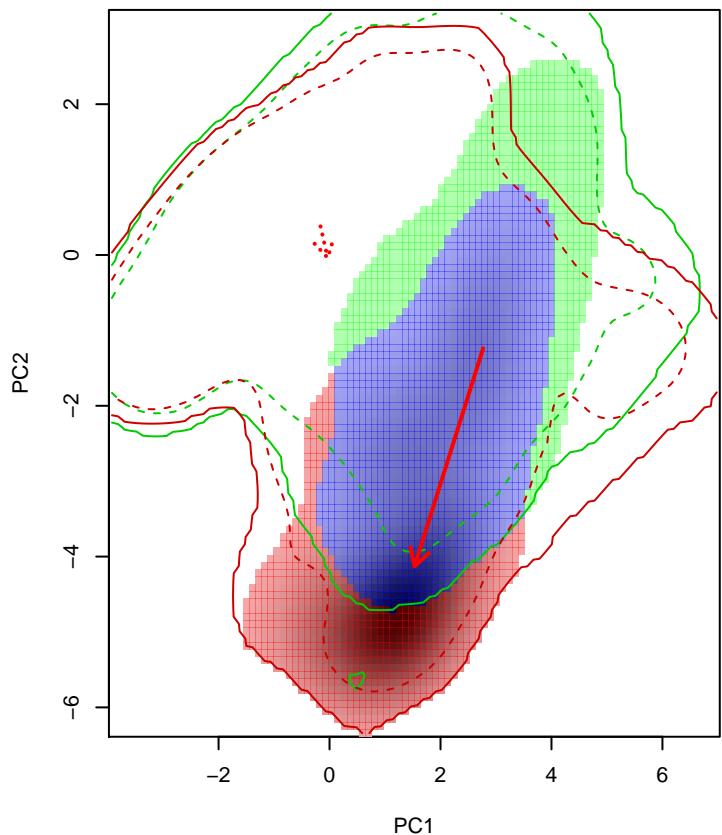


**Similarity 1->2**

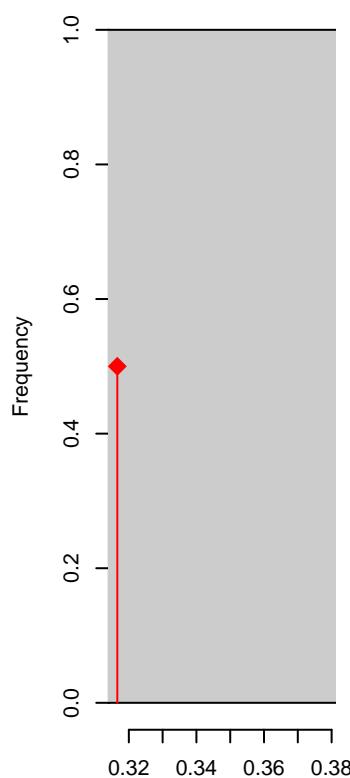


niche overlap:  
D= 0.317

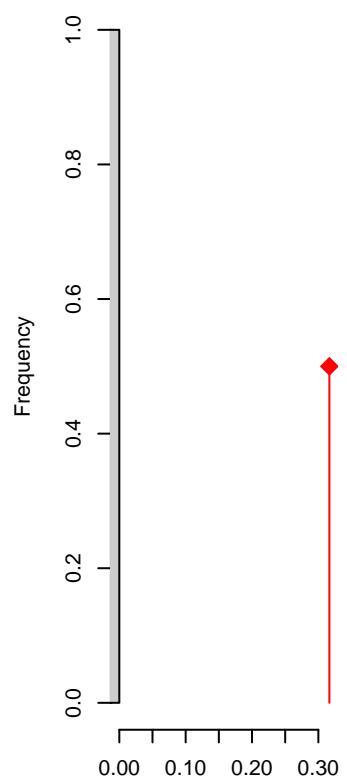
**Muscisaxicola\_maclovianus seasonal overlap-hypo wi**



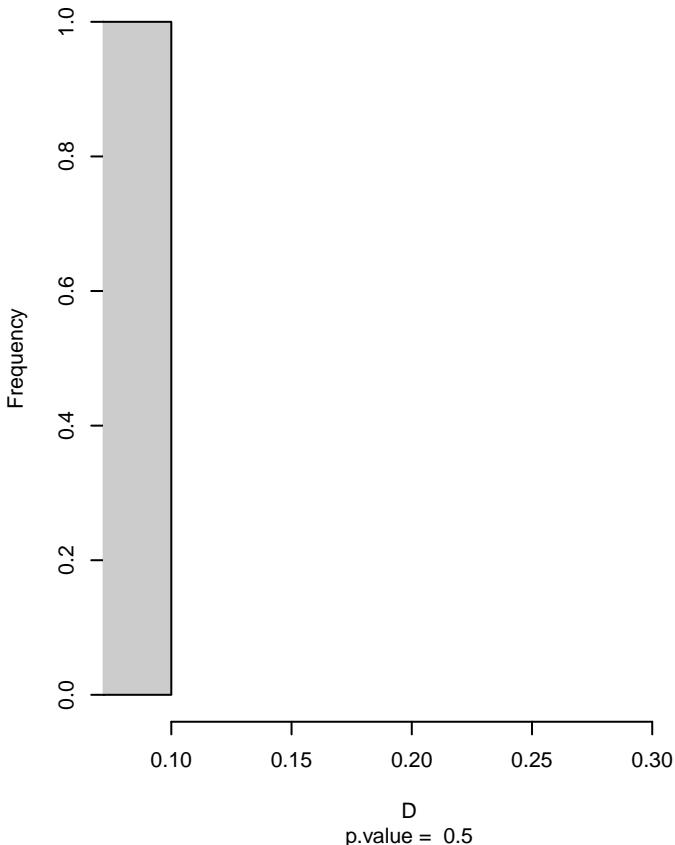
**Equivalency**



**Similarity 2->1**

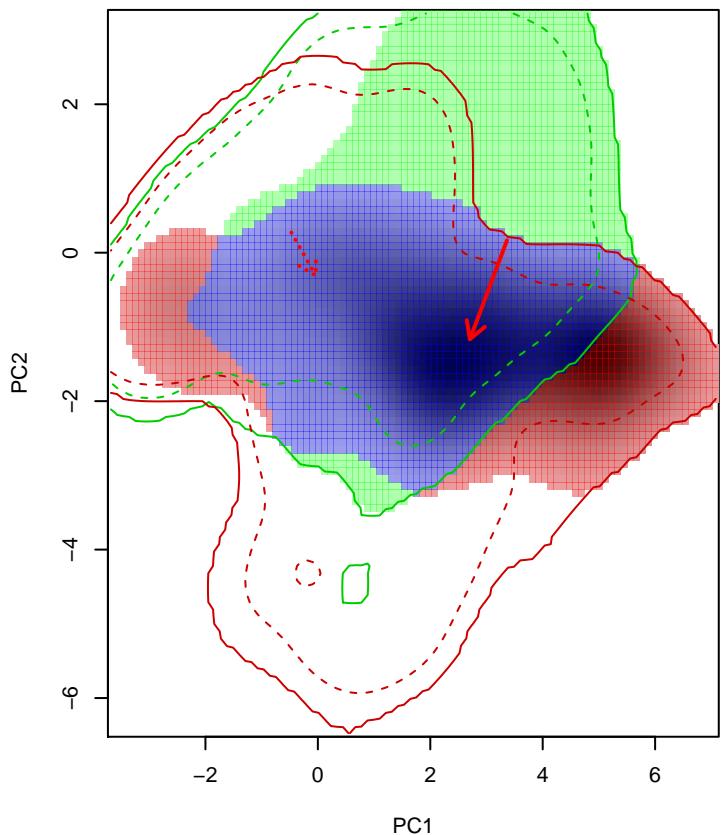


**Similarity 1→2**

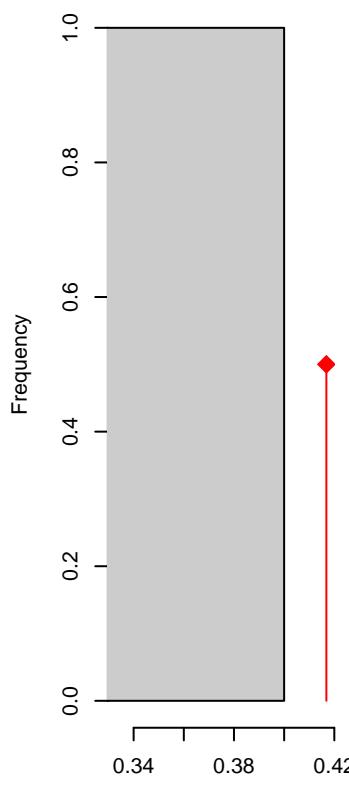


niche overlap:  
 $D = 0.417$

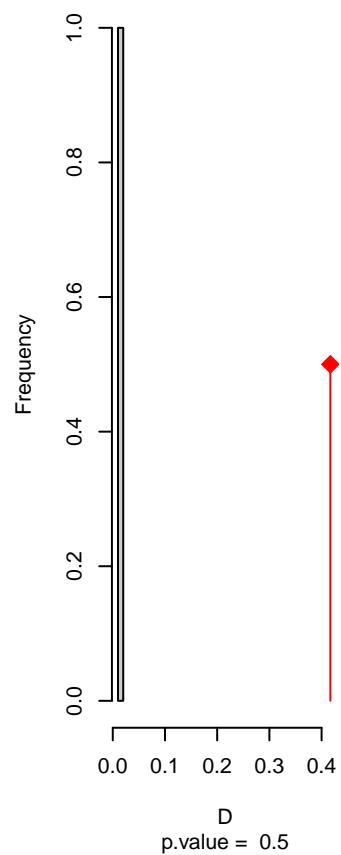
***Muscisaxicola\_maculirostris* seasonal overlap**



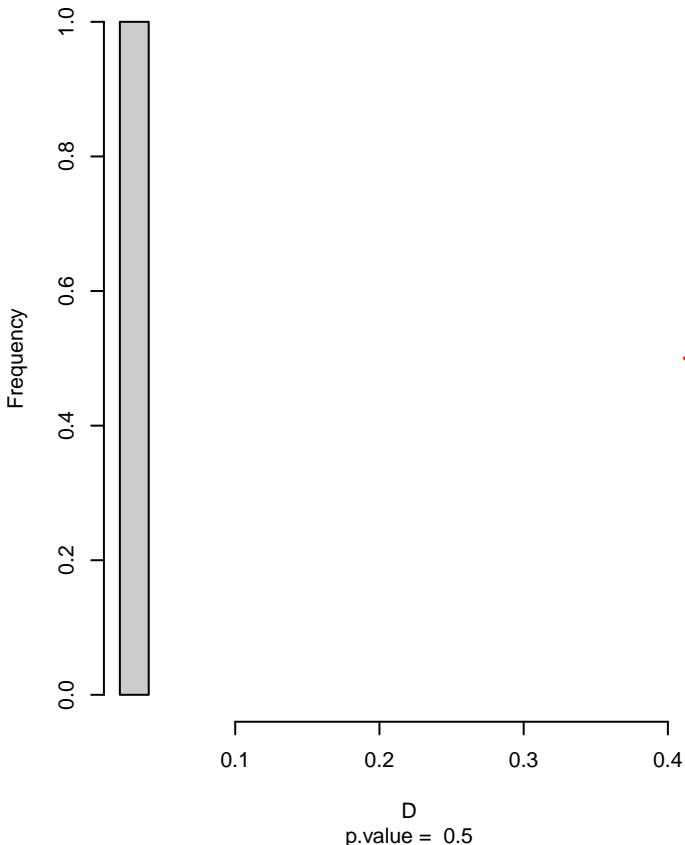
**Equivalency**



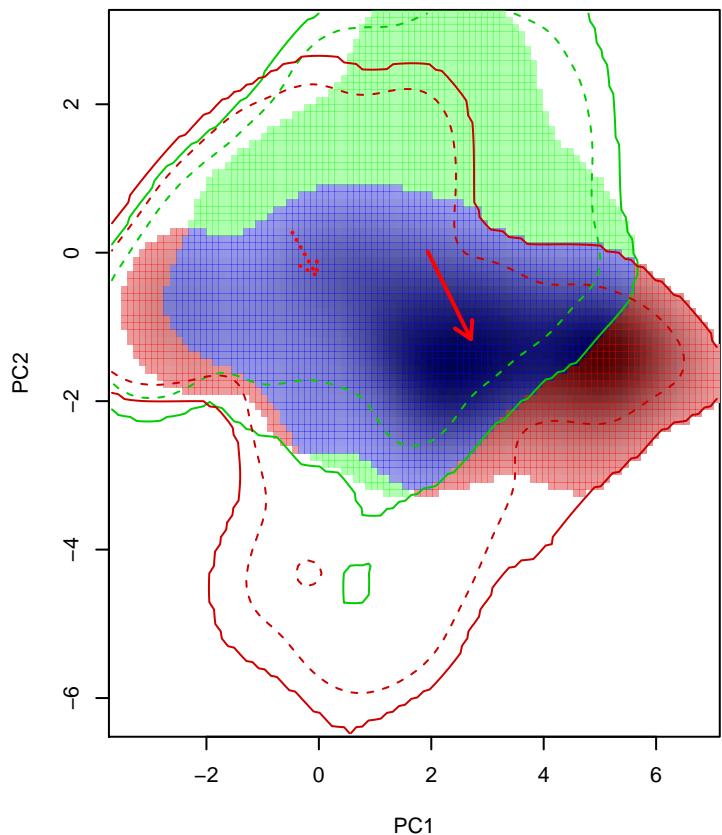
**Similarity 2→1**



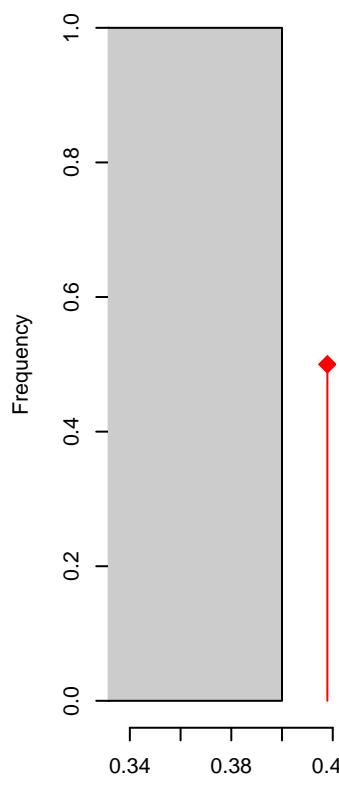
Similarity 1->2



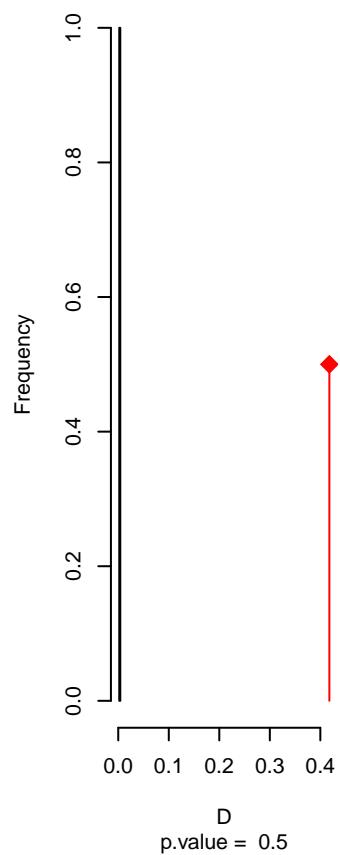
*Muscisaxicola\_maculirostris* seasonal overlap-hypo.br



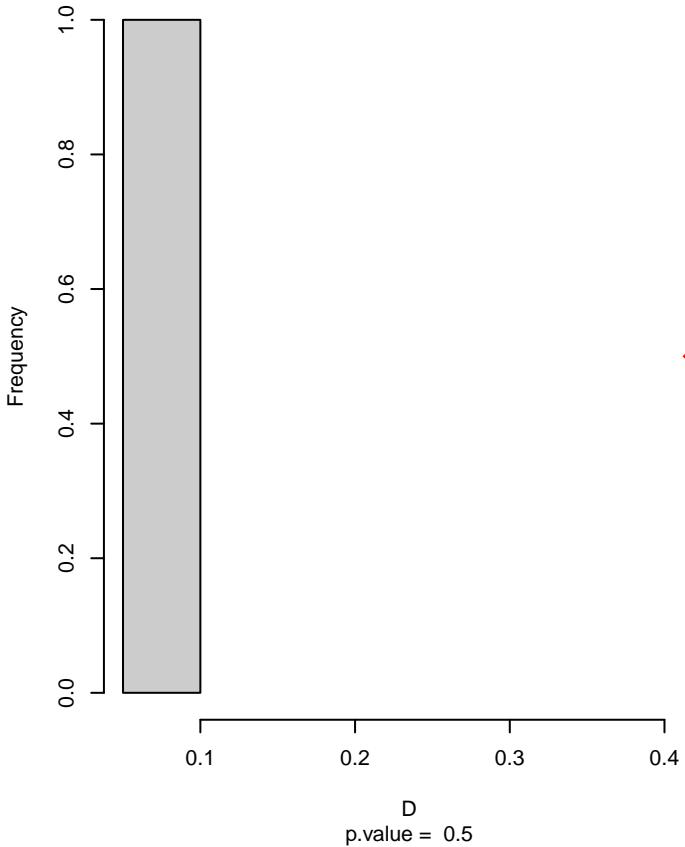
Equivalency



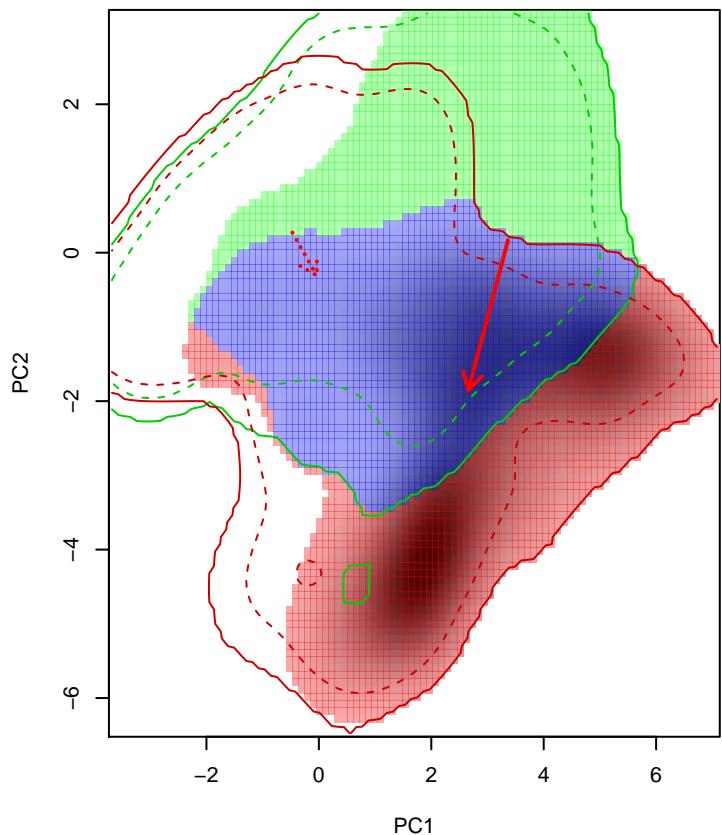
Similarity 2->1



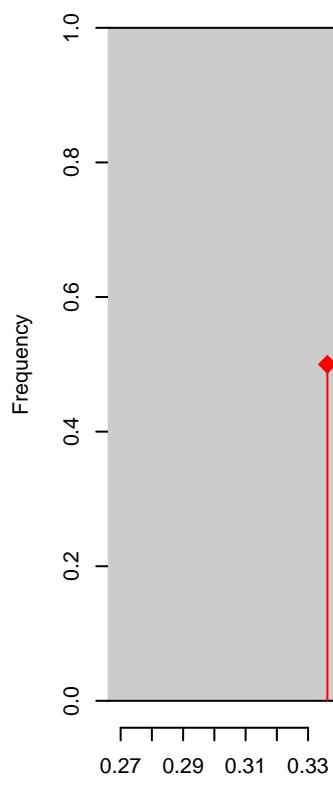
Similarity 1->2



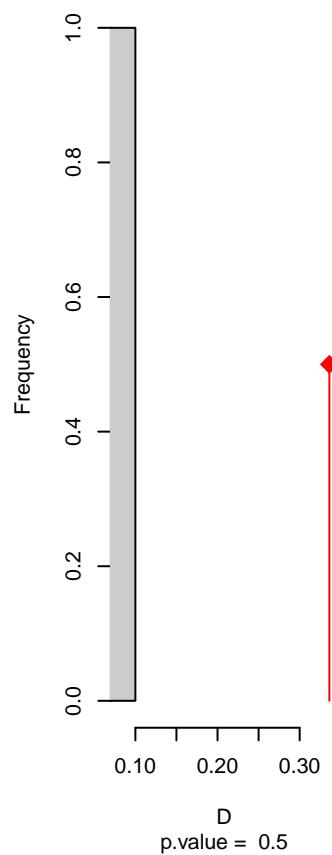
*Muscisaxicola\_maculirostris* seasonal overlap-hypo wi



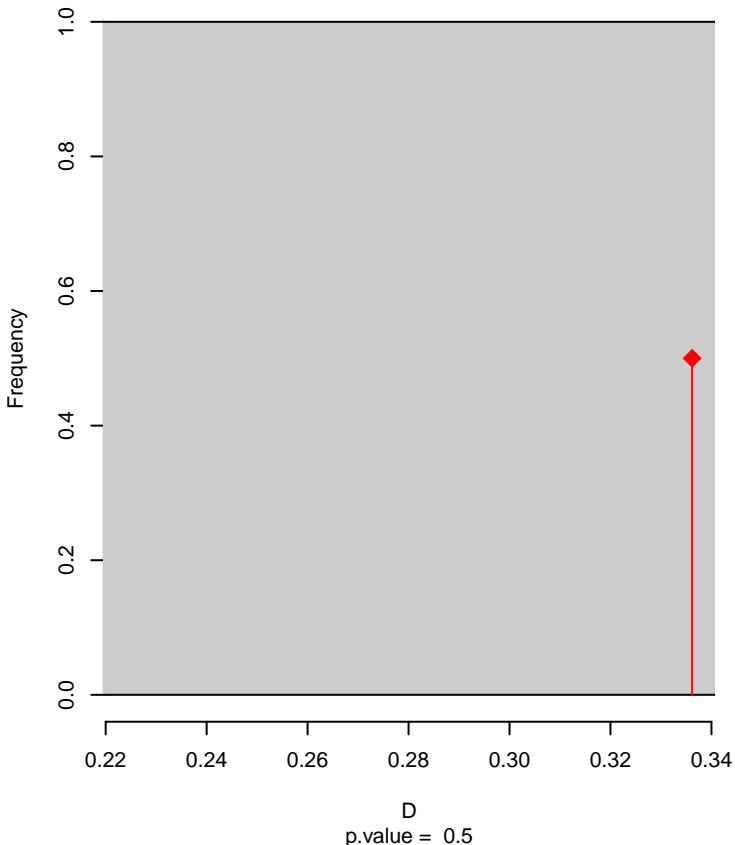
Equivalency



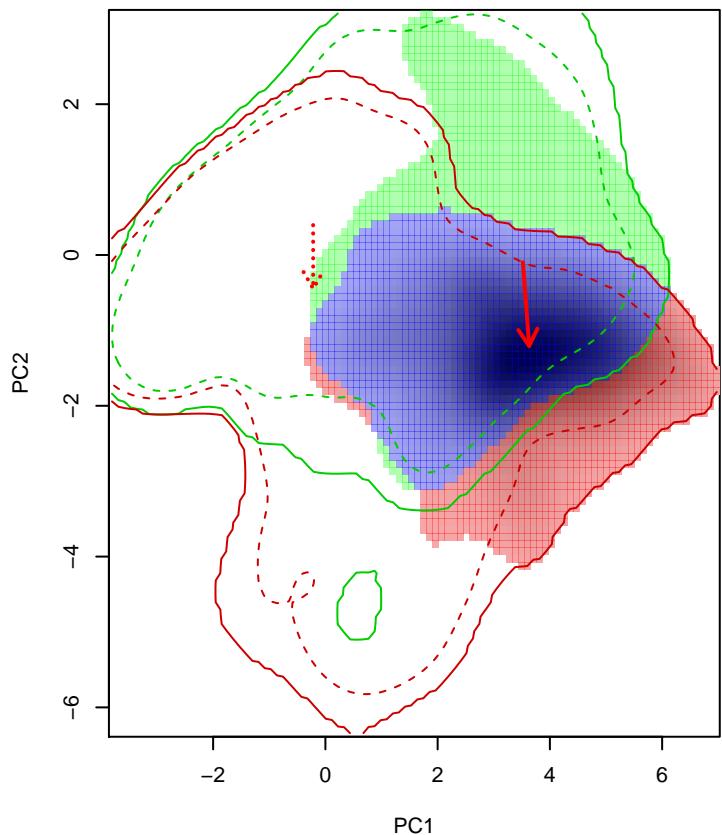
Similarity 2->1



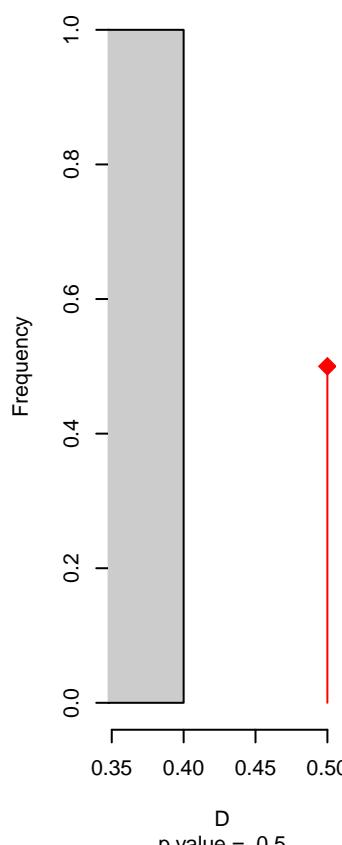
**Similarity 1->2**



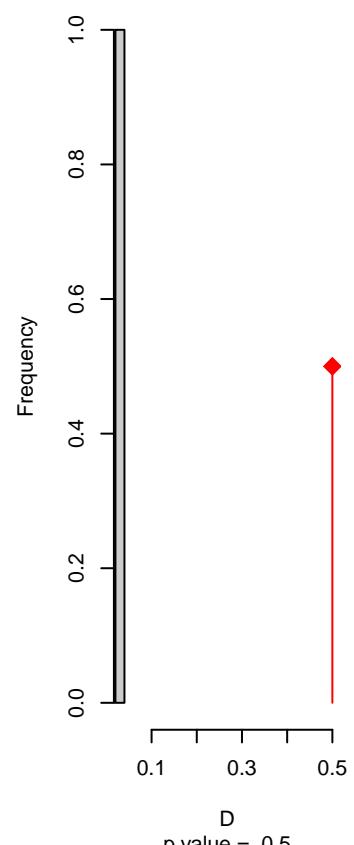
**Muscisaxicola\_rufivertex seasonal overlap**



**Equivalency**

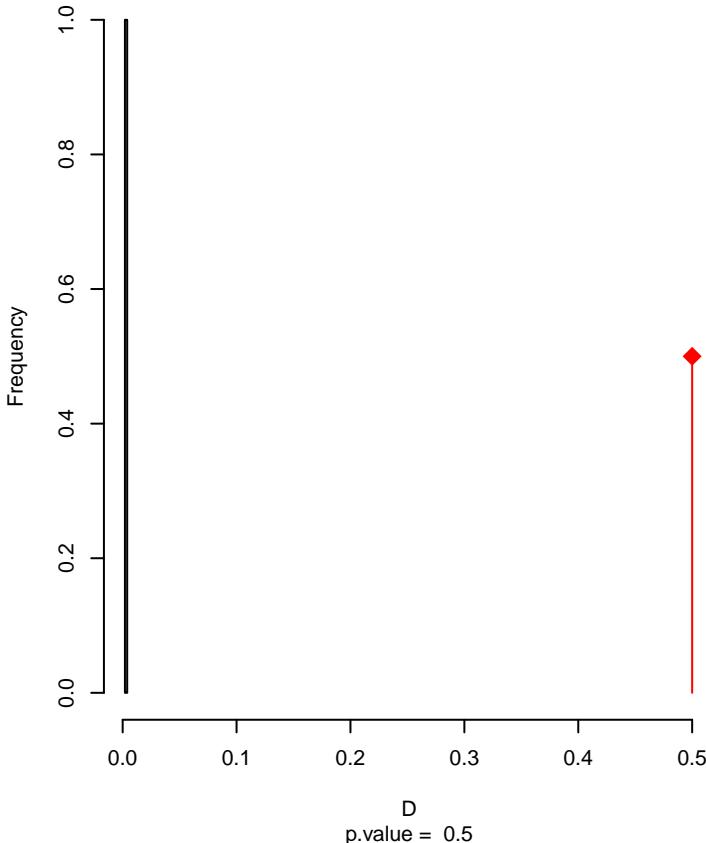


**Similarity 2->1**

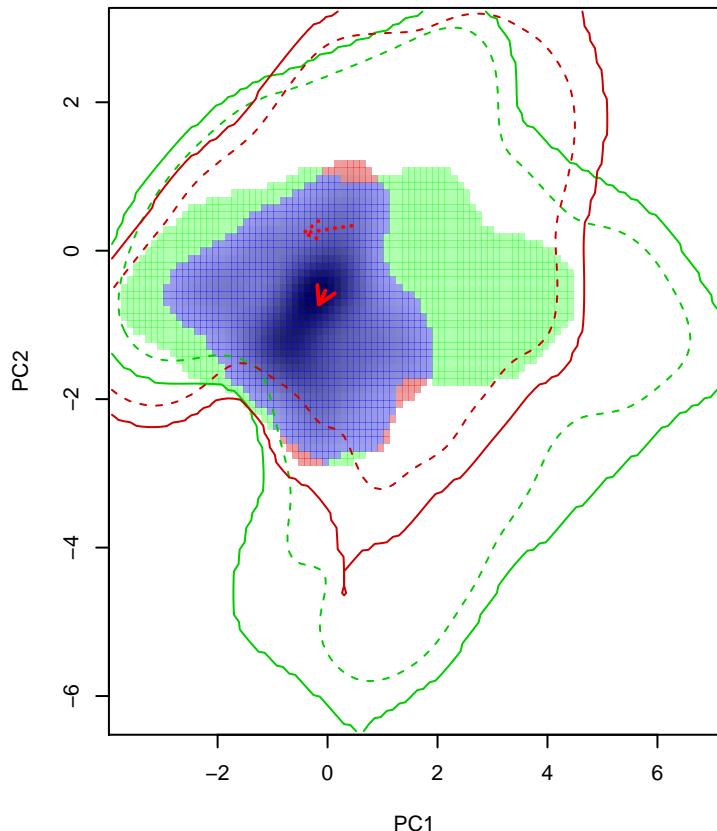


niche overlap:  
 $D= 0.5$

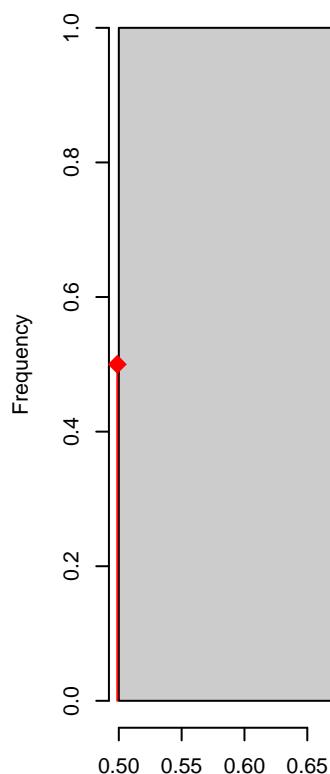
**Similarity 1→2**



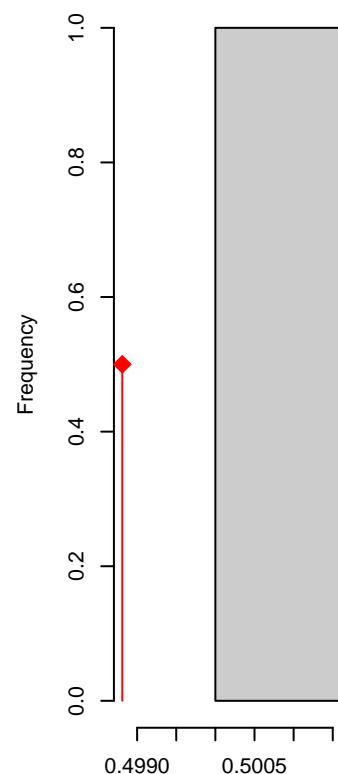
***Myiotheretes\_fumigatus* seasonal overlap**



**Equivalency**



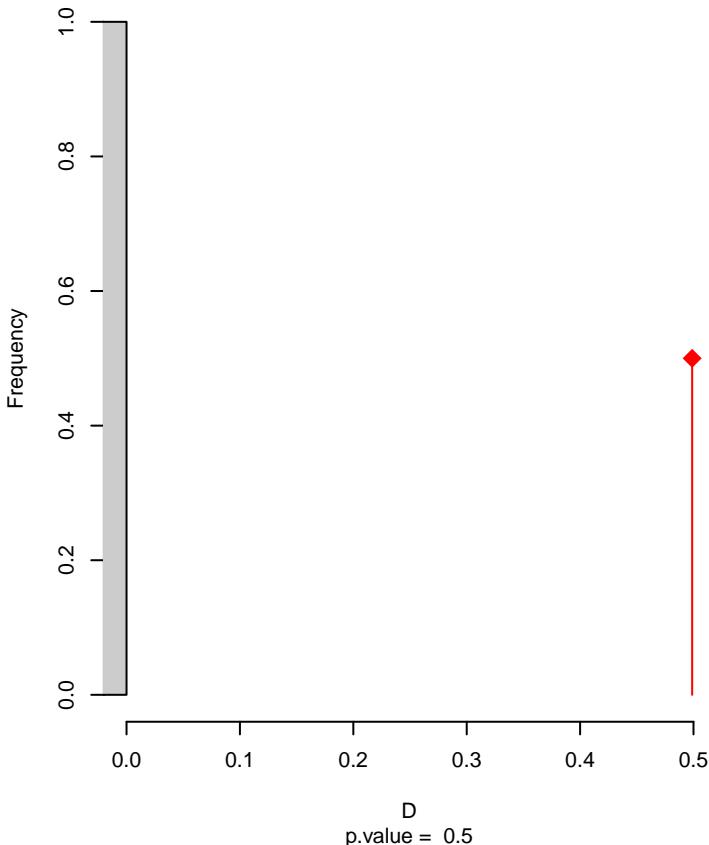
**Similarity 2→1**



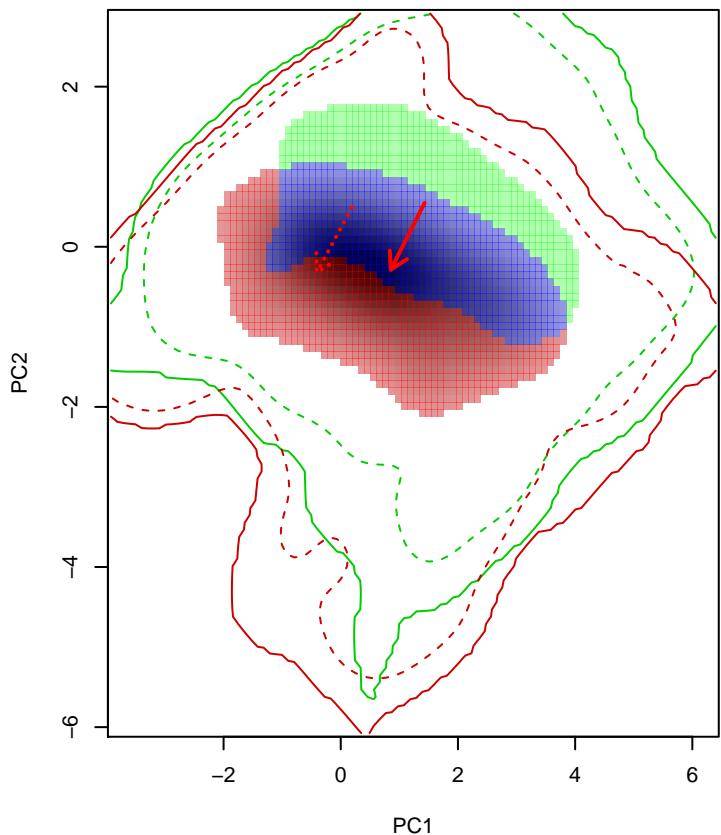
$D$   
p.value = 1

$D$   
p.value = 1

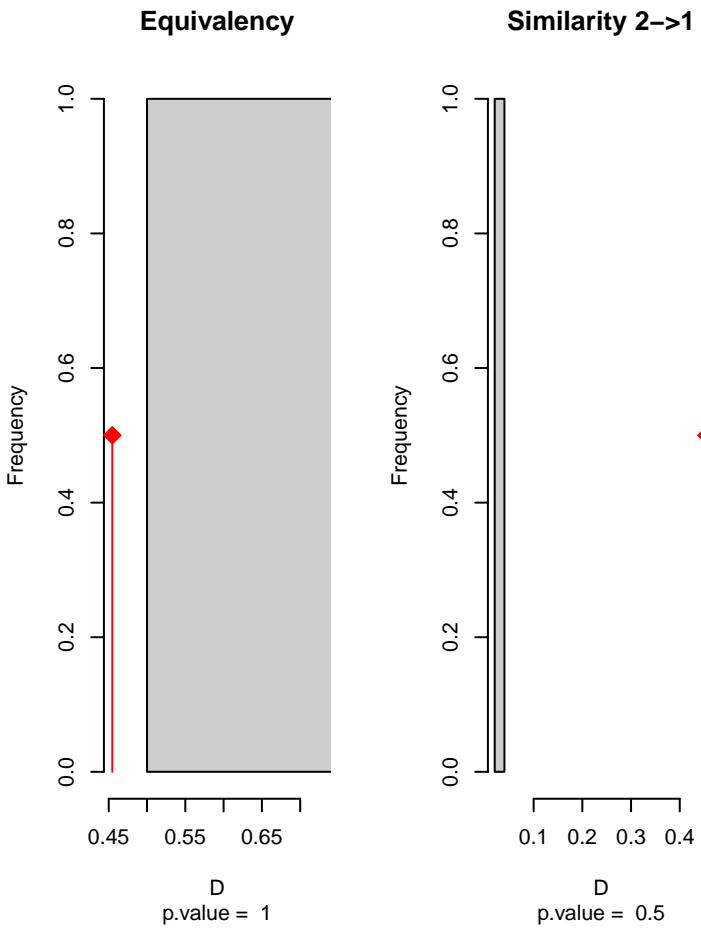
**Similarity 1→2**



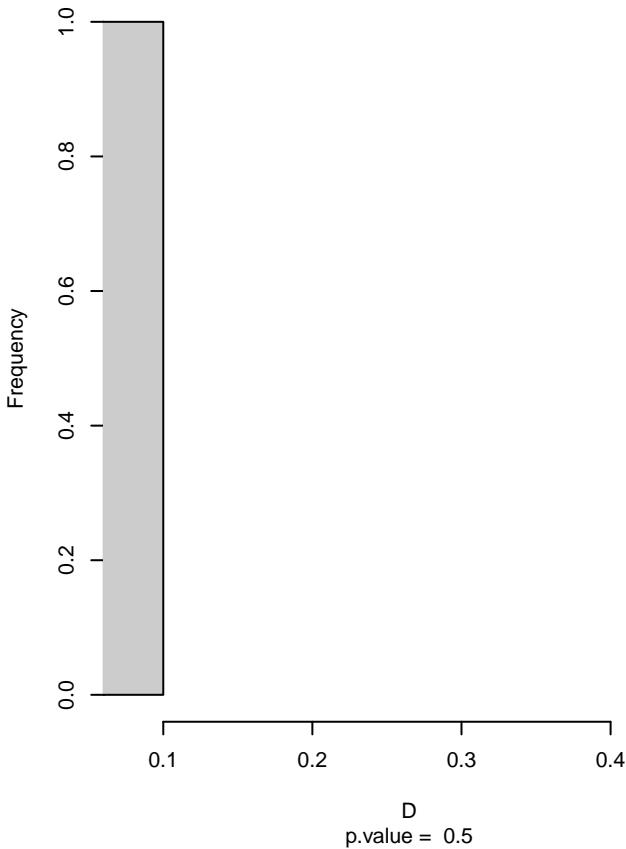
***Myiotheretes\_fuscorufus* seasonal overlap**



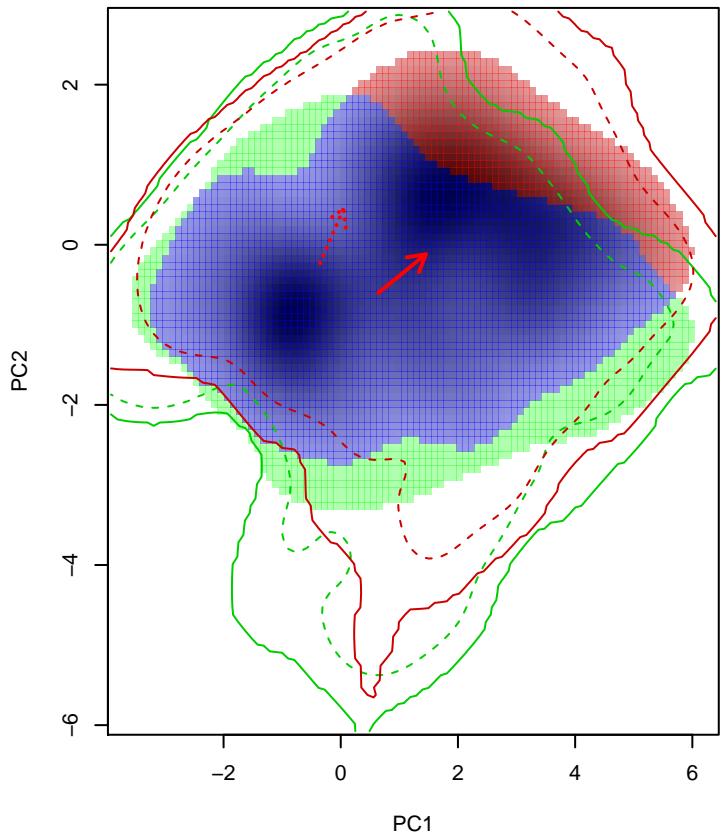
niche overlap:  
D= 0.455



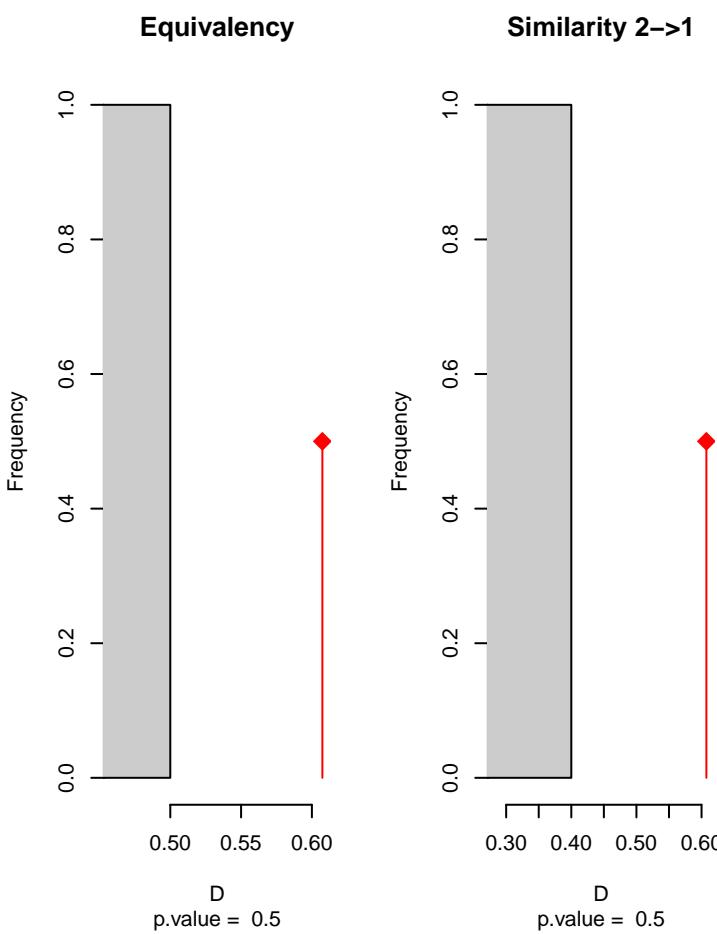
**Similarity 1->2**



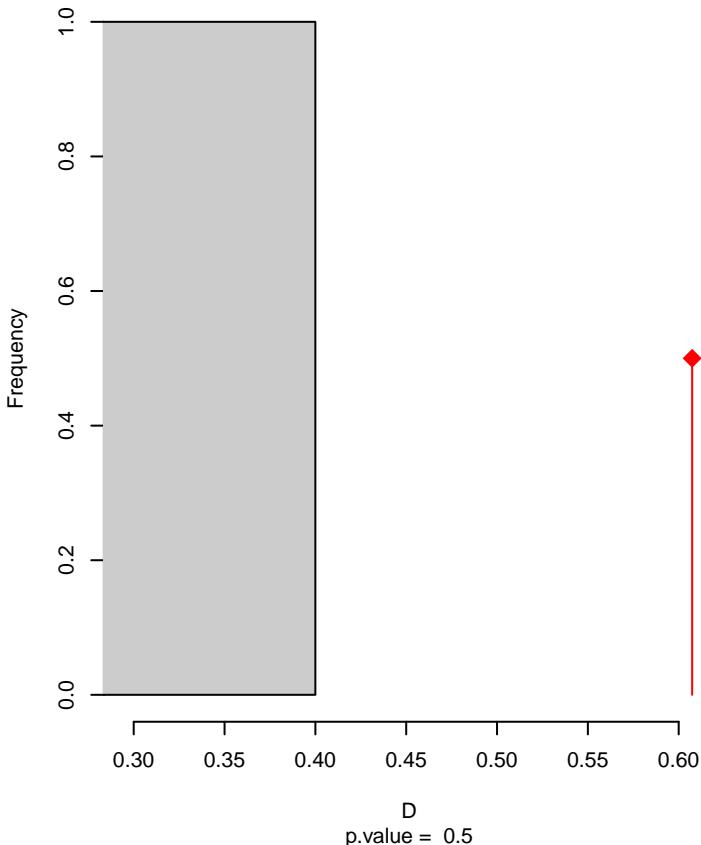
**Myiotheretes\_striaticollis seasonal overlap**



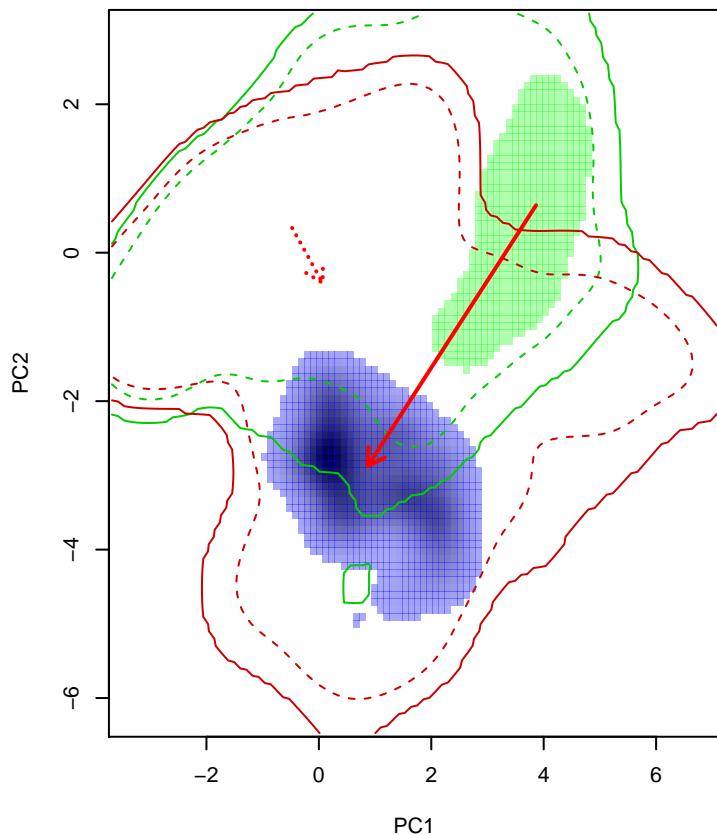
niche overlap:  
 $D = 0.607$



**Similarity 1→2**

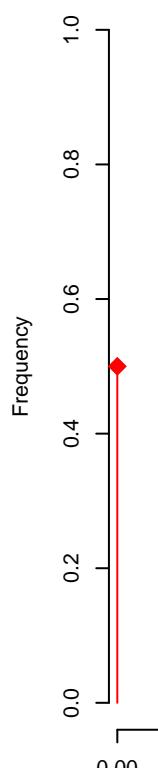


***Neoxolmis\_rufiventris* seasonal overlap**



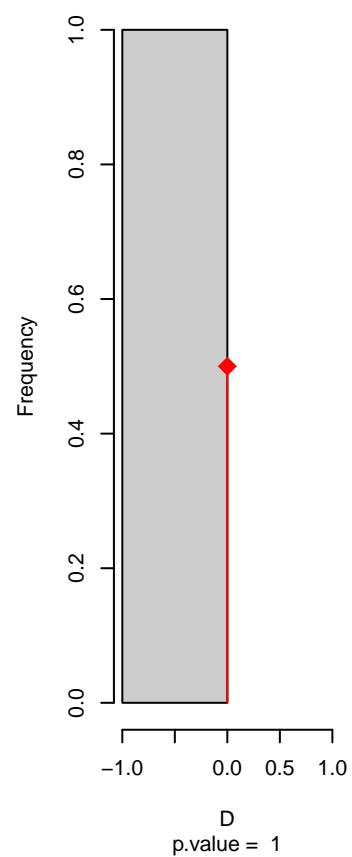
**Equivalency**

niche overlap:  
 $D = 0$

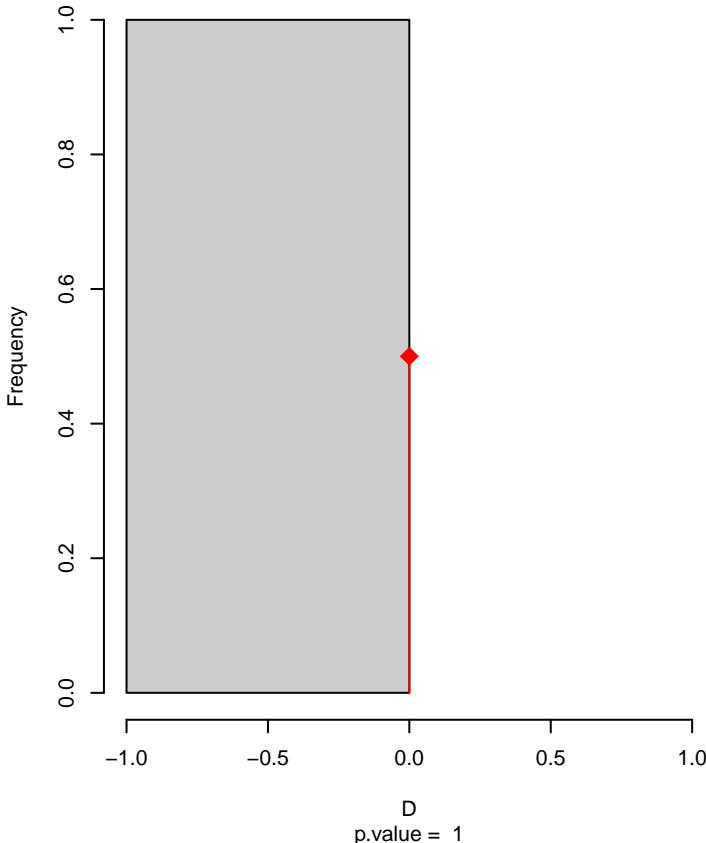


**Similarity 2→1**

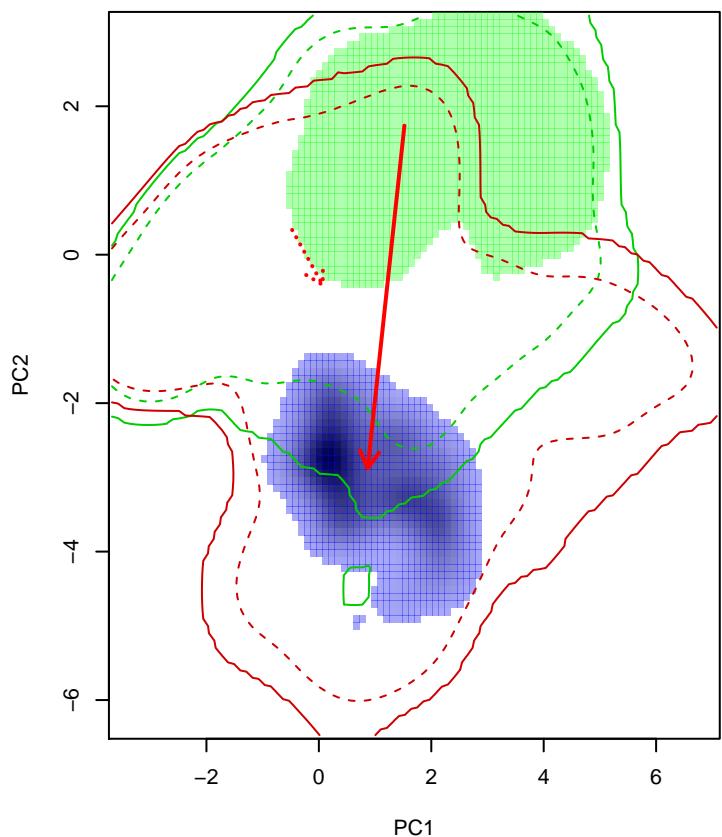
$D$   
p.value = 1



**Similarity 1→2**

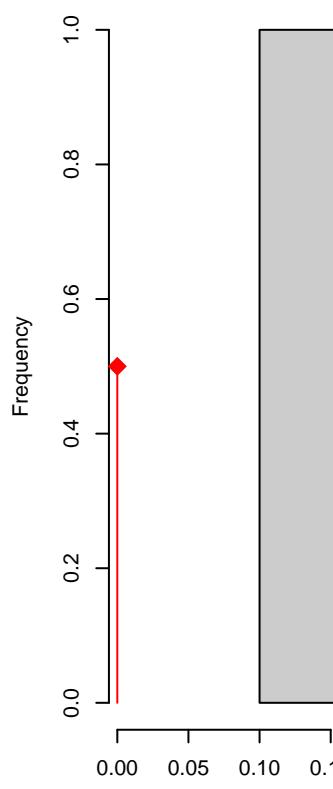


**Neoxolmis\_rufiventris seasonal overlap-hypo.br**

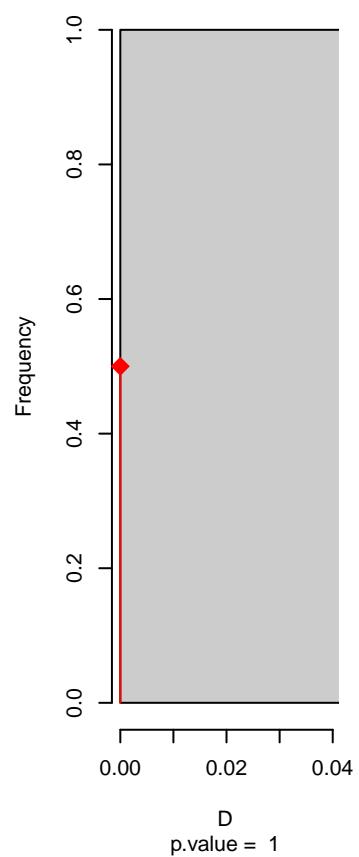


**Equivalency**

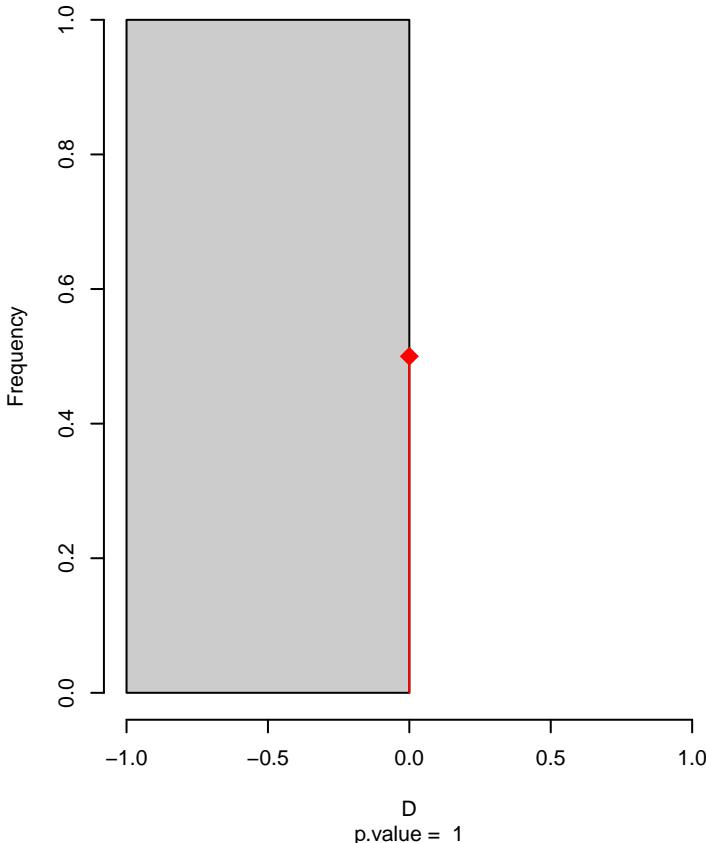
niche overlap:  
D=0



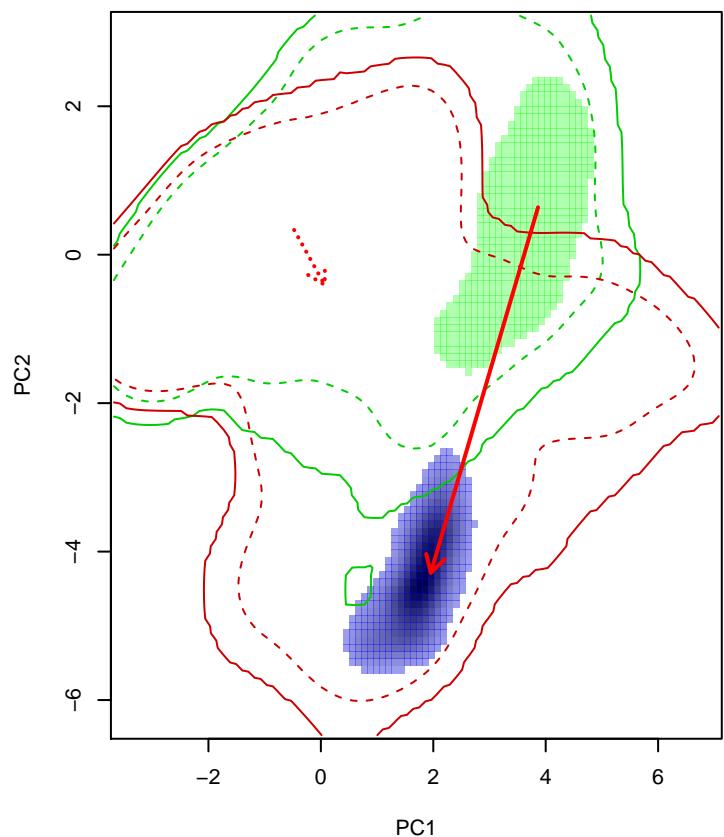
**Similarity 2→1**



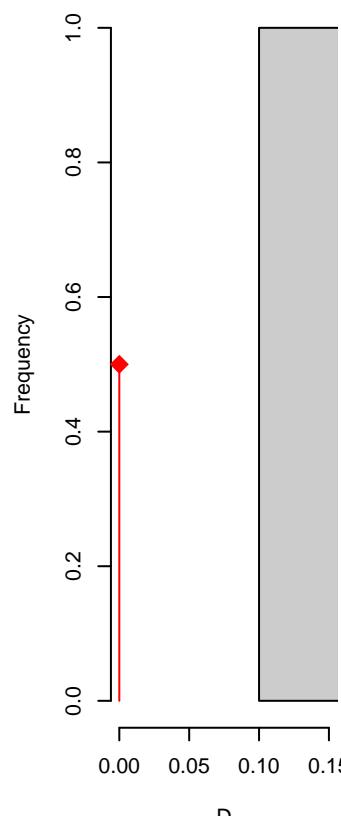
**Similarity 1→2**



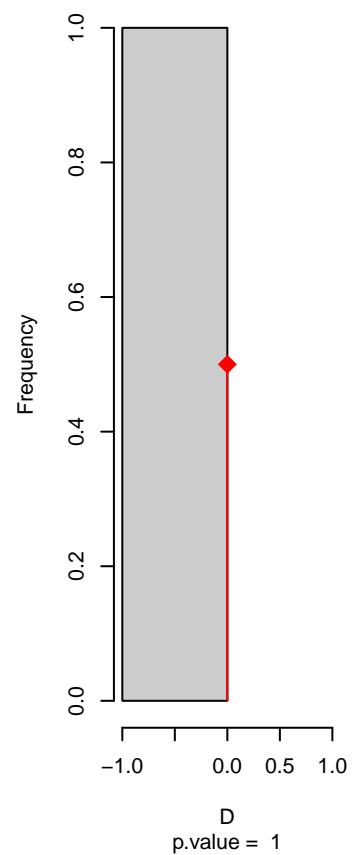
**Neoxolmis\_rufiventris seasonal overlap-hypo wi**



**Equivalency**

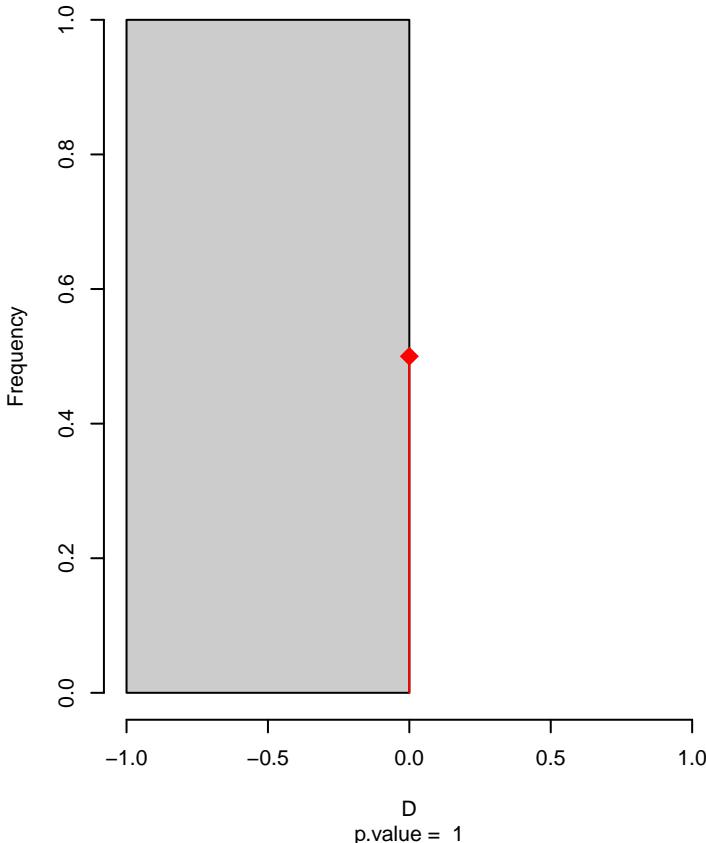


**Similarity 2→1**



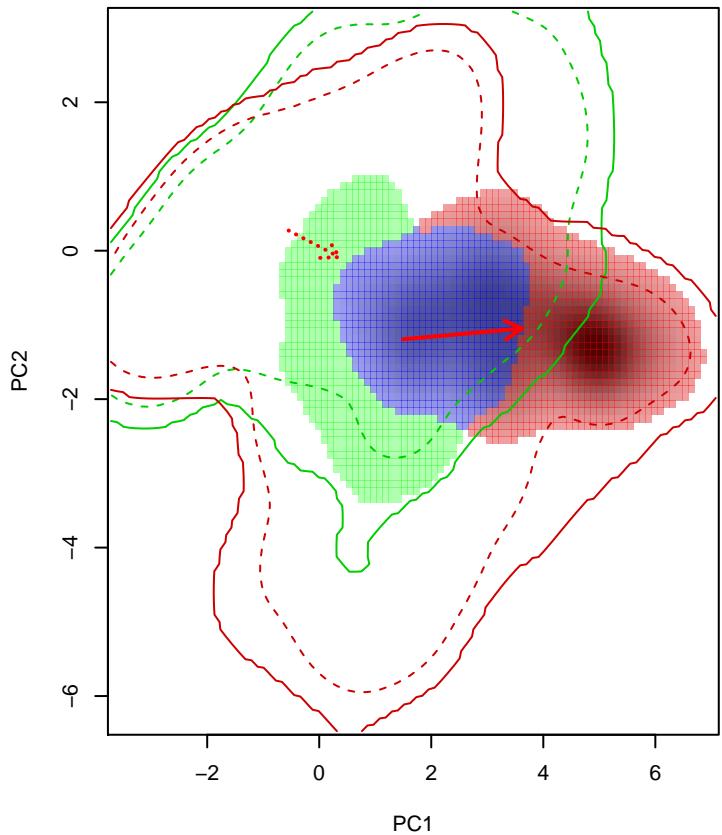
niche overlap:  
 $D = 0$

Similarity 1->2

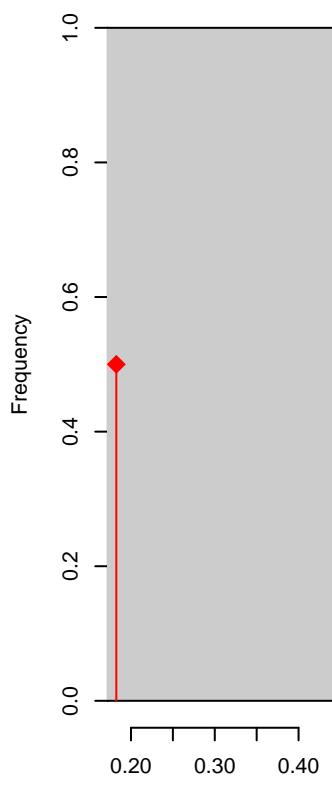


niche overlap:  
 $D = 0.182$

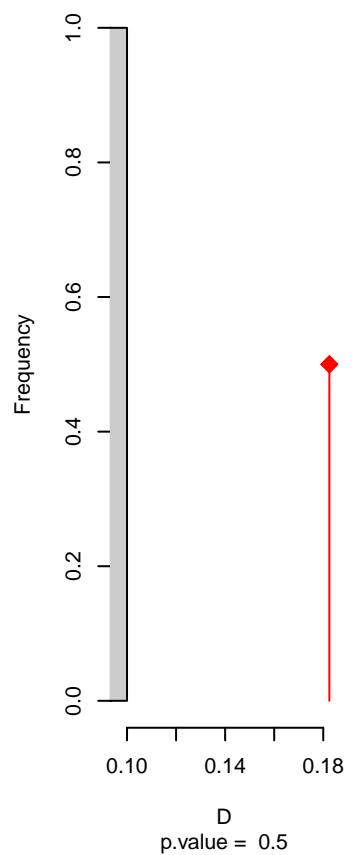
Polioxolmis\_rufipennis seasonal overlap



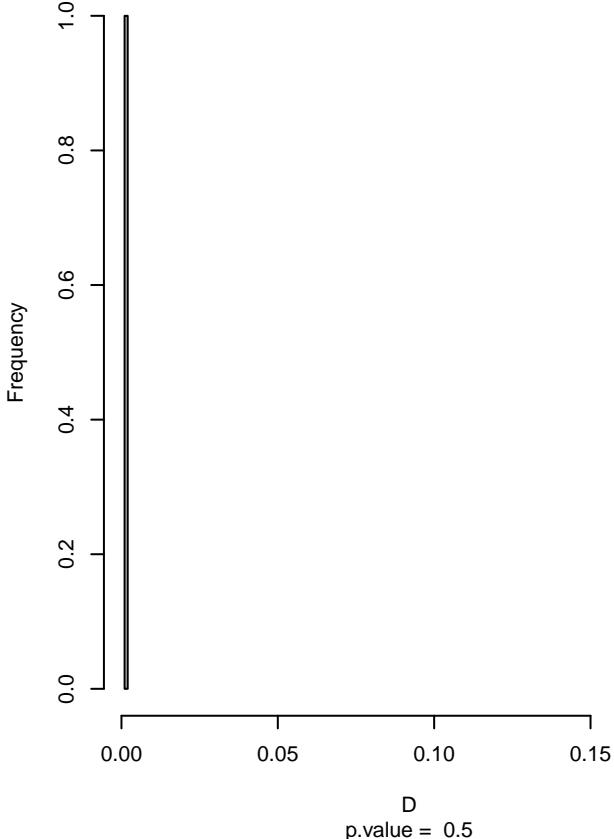
Equivalency



Similarity 2->1

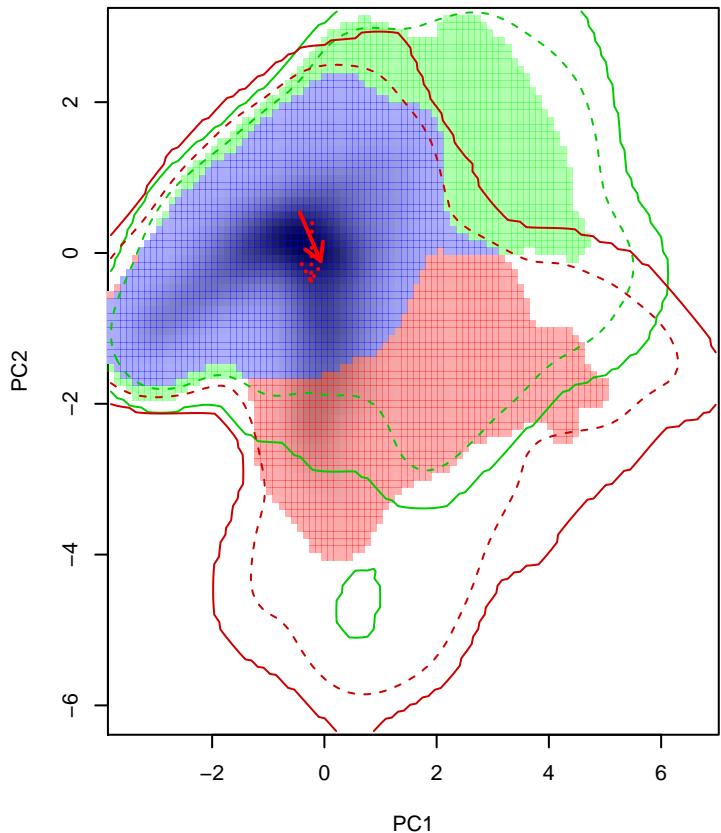


**Similarity 1->2**

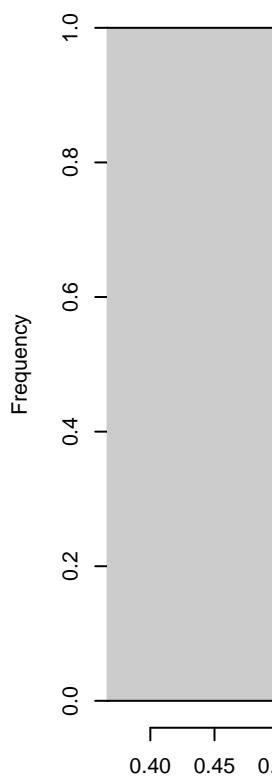


niche overlap:  
 $D = 0.537$

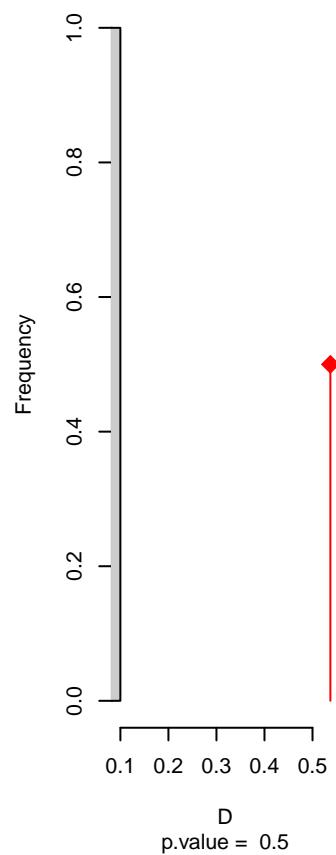
**Satrapa\_icterophrys seasonal overlap**



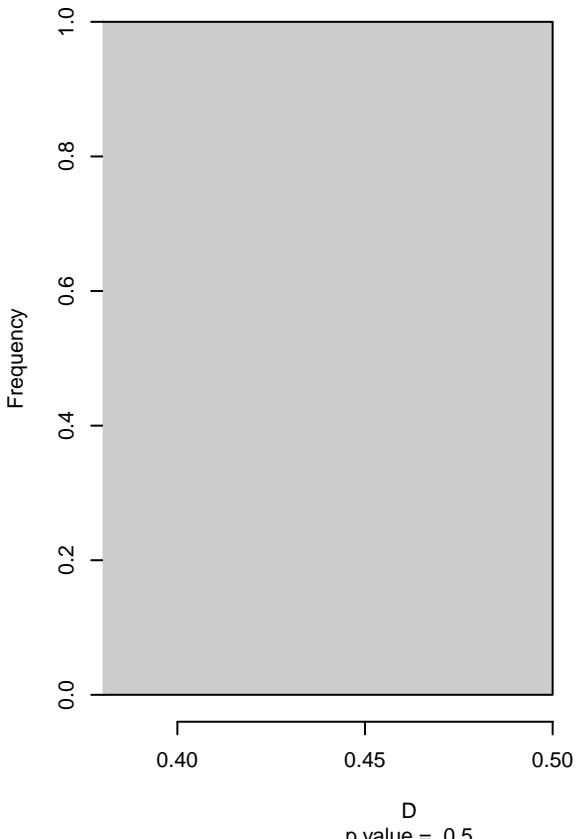
**Equivalency**



**Similarity 2->1**

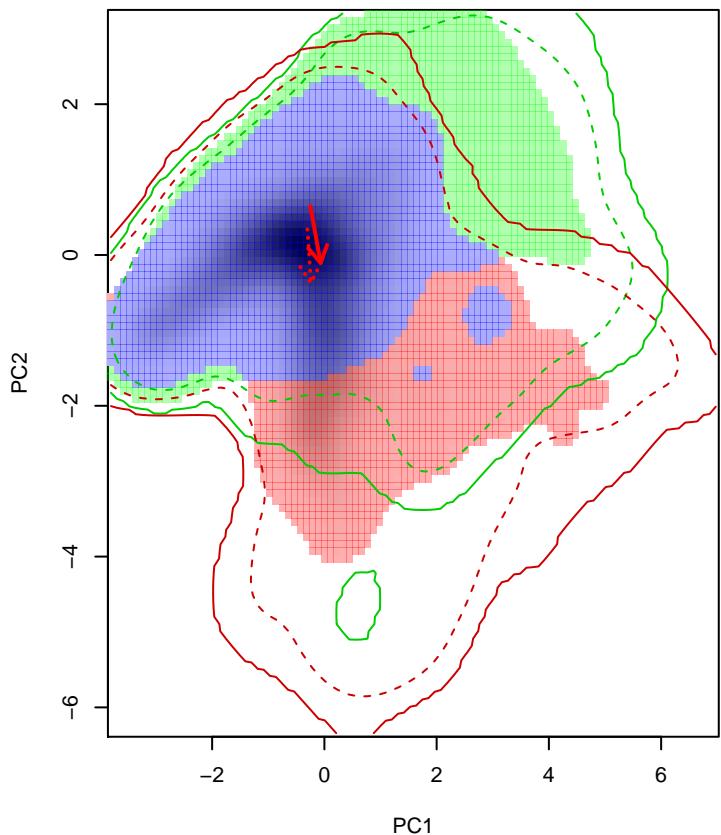


**Similarity 1->2**

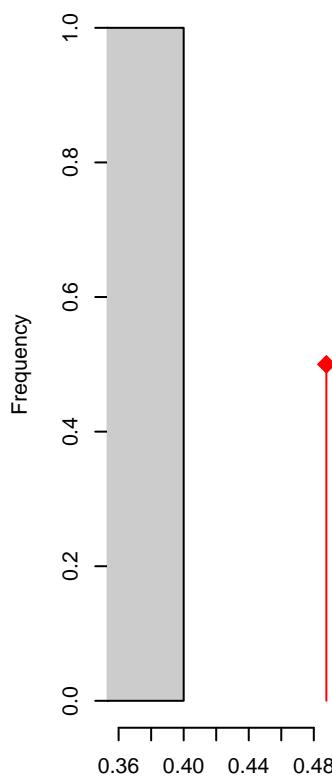


niche overlap:  
D= 0.488

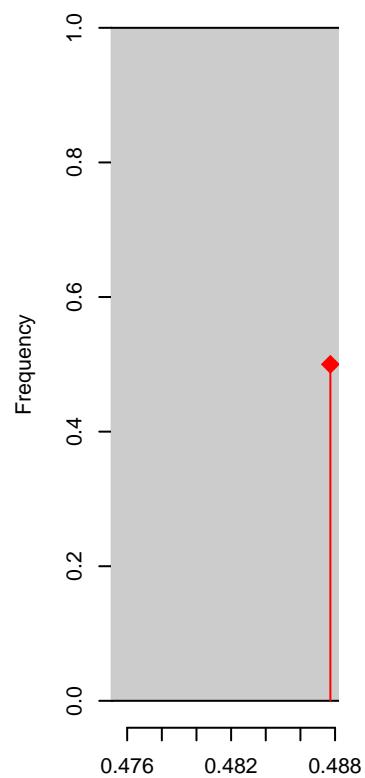
**Satrapa\_icterophrys seasonal overlap-hypo.br**



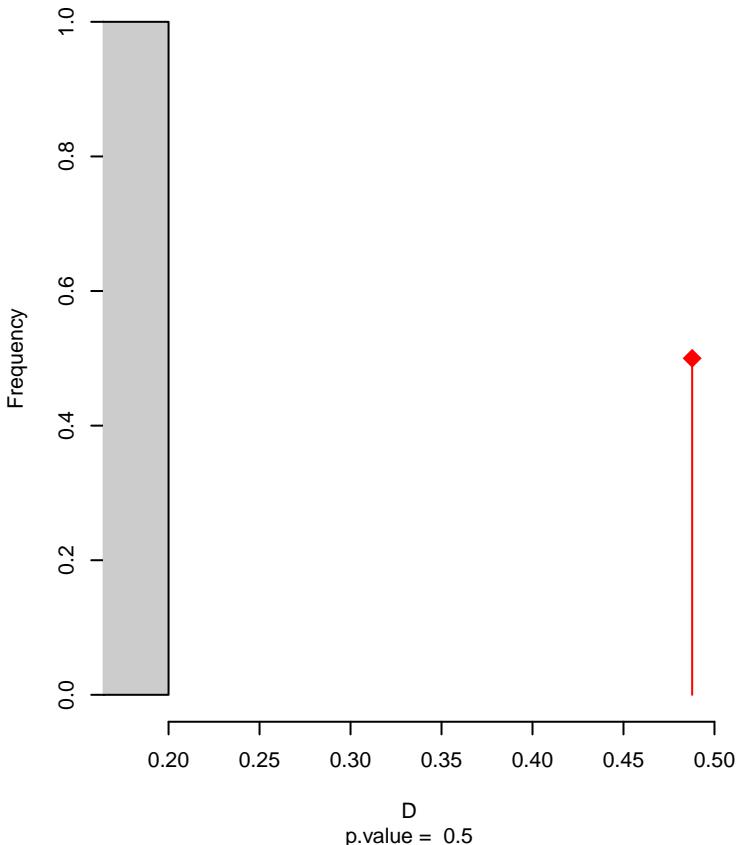
**Equivalency**



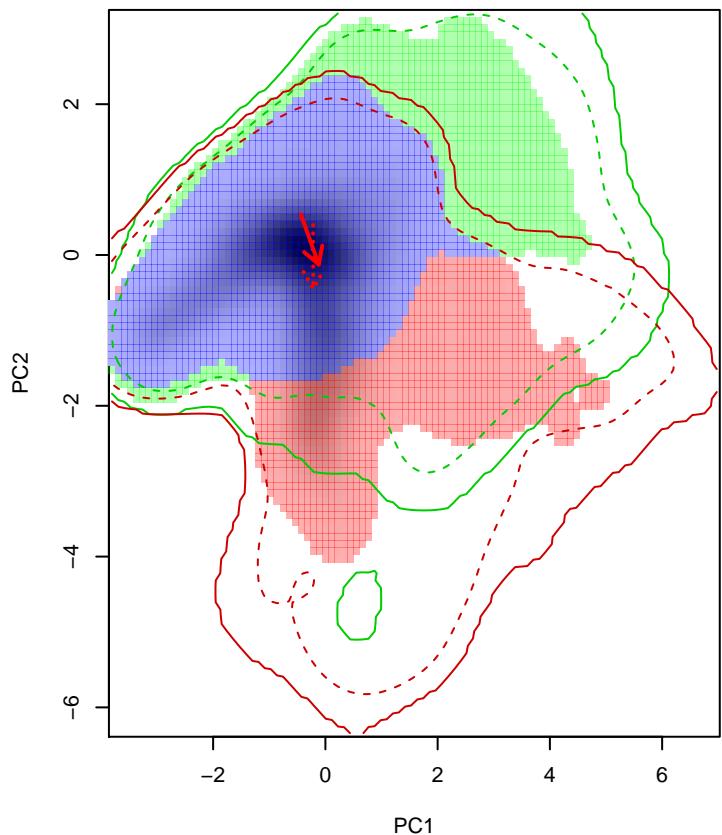
**Similarity 2->1**



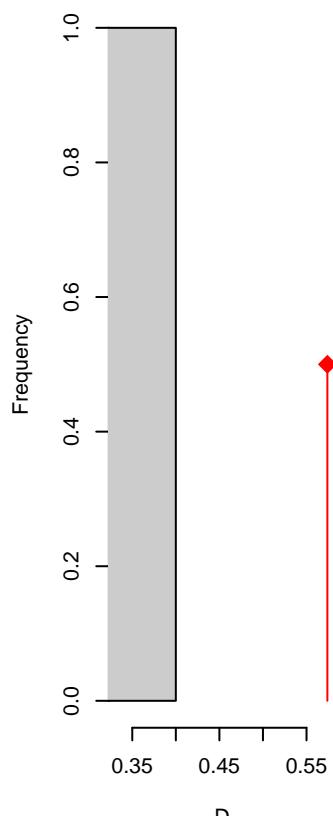
**Similarity 1->2**



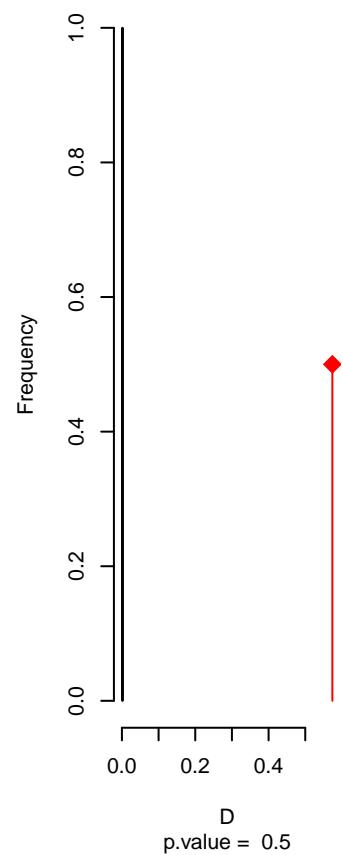
**Satrapa\_icterophrys seasonal overlap-hypo wi**



**Equivalency**

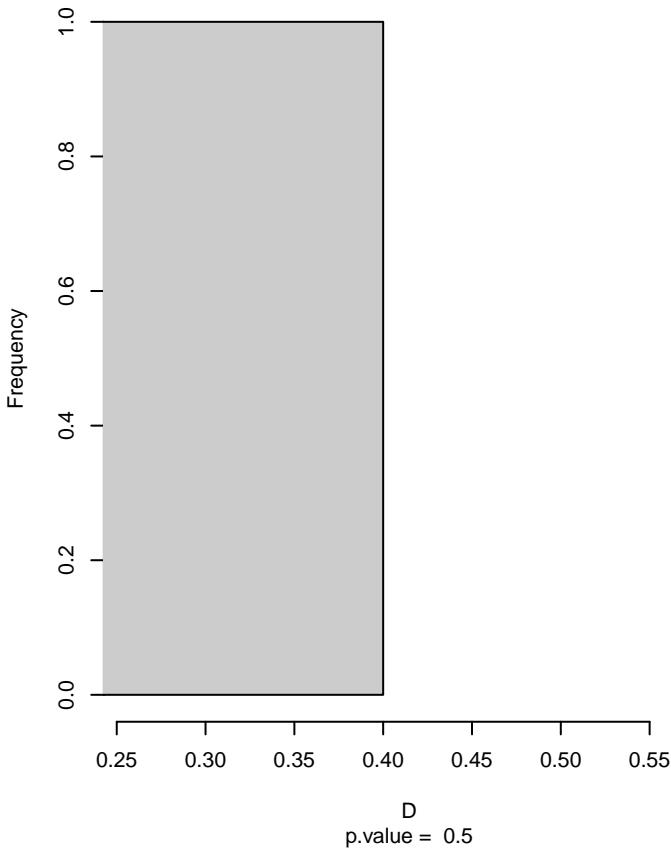


**Similarity 2->1**



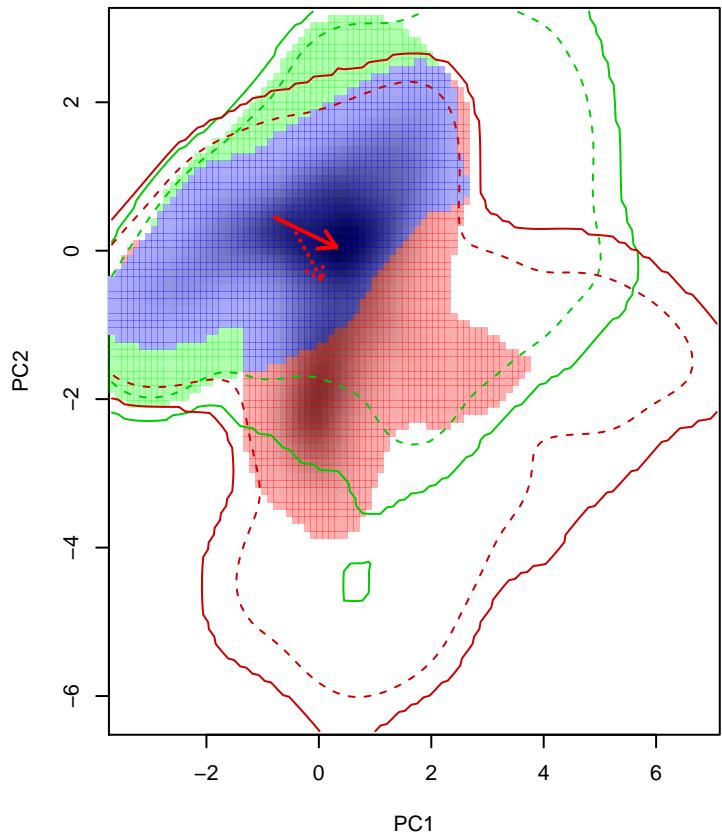
niche overlap:  
D= 0.574

**Similarity 1→2**

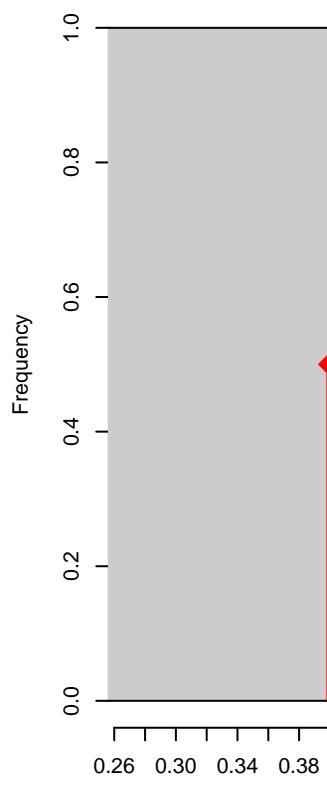


niche overlap:  
 $D=0.398$

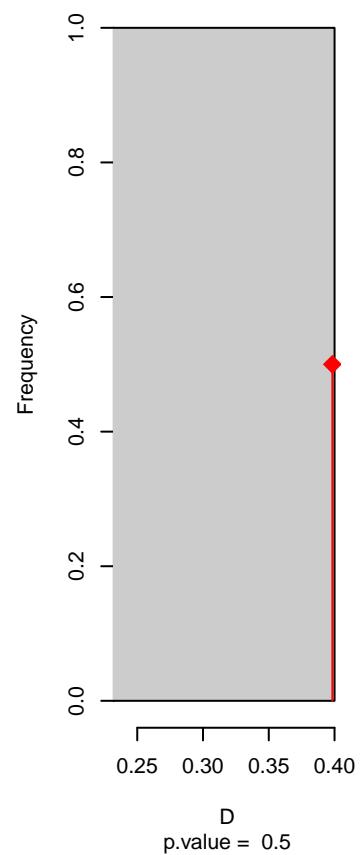
**Xolmis\_cinereus seasonal overlap**



**Equivalency**



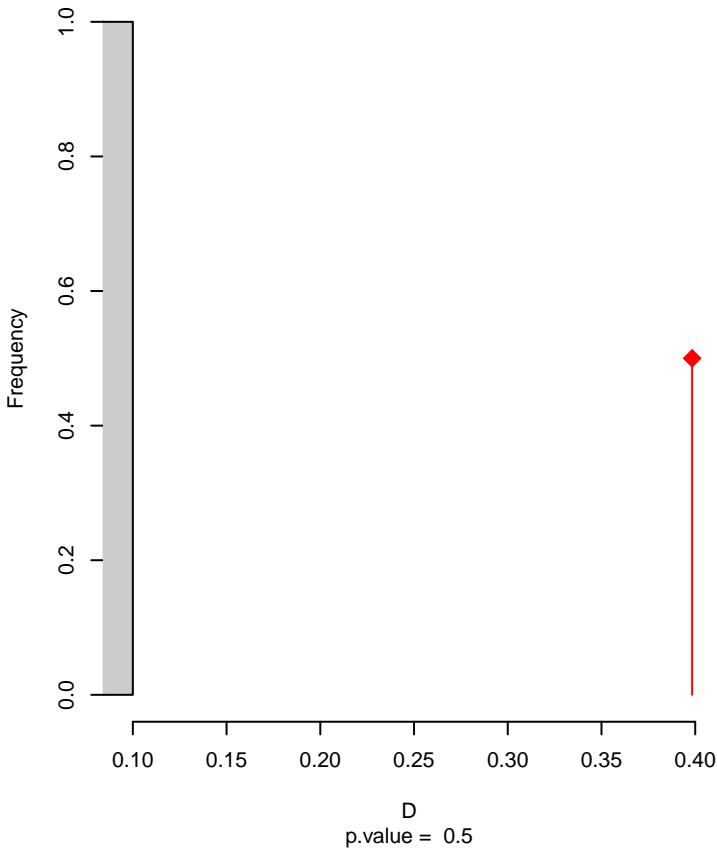
**Similarity 2→1**



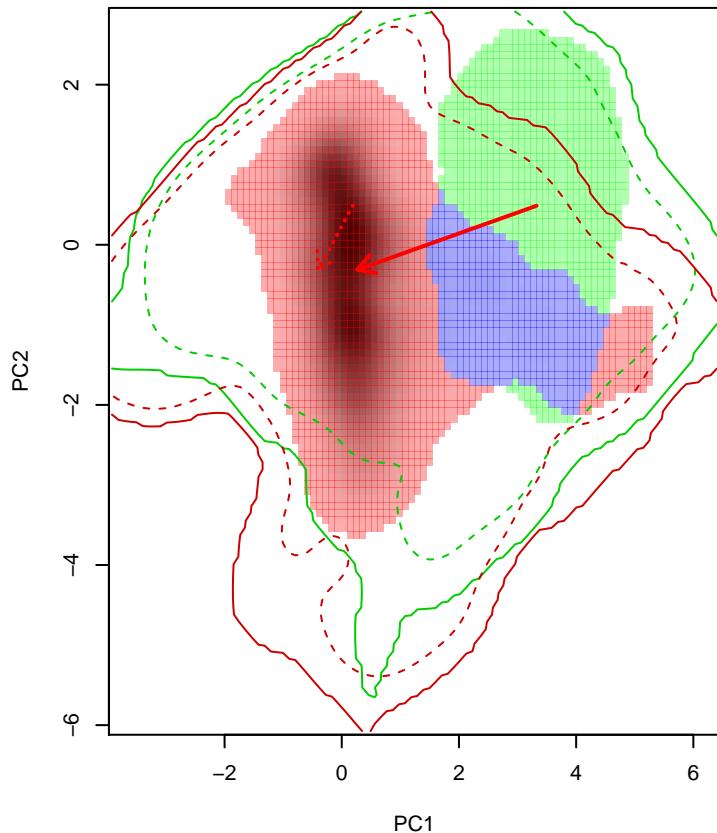
D  
p.value = 0.5

D  
p.value = 0.5

**Similarity 1->2**

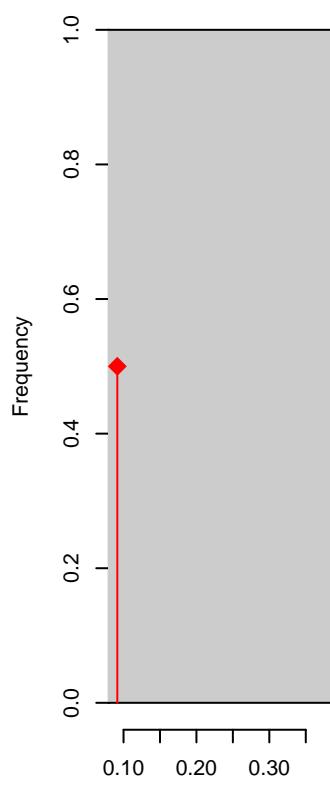


**Xolmis\_coronatus seasonal overlap**

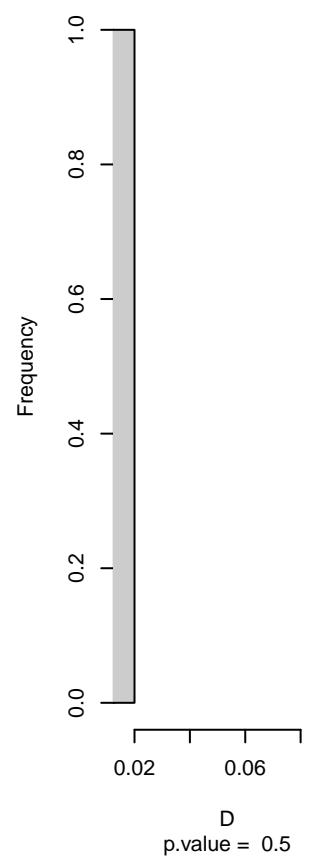


niche overlap:  
D= 0.091

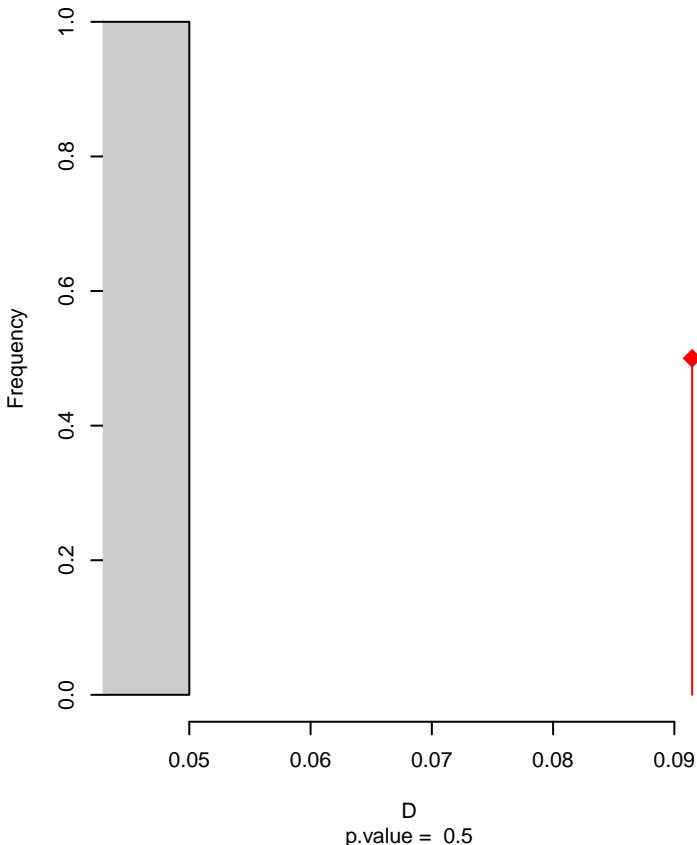
**Equivalency**



**Similarity 2->1**

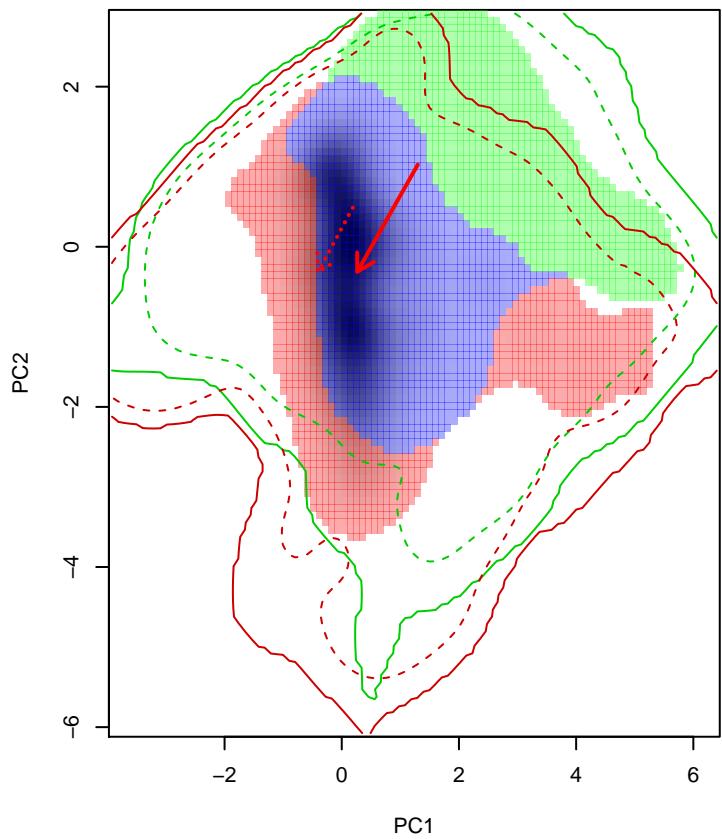


**Similarity 1->2**

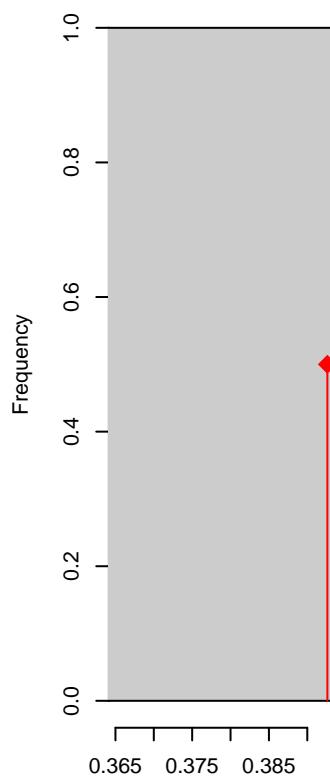


niche overlap:  
 $D=0.393$

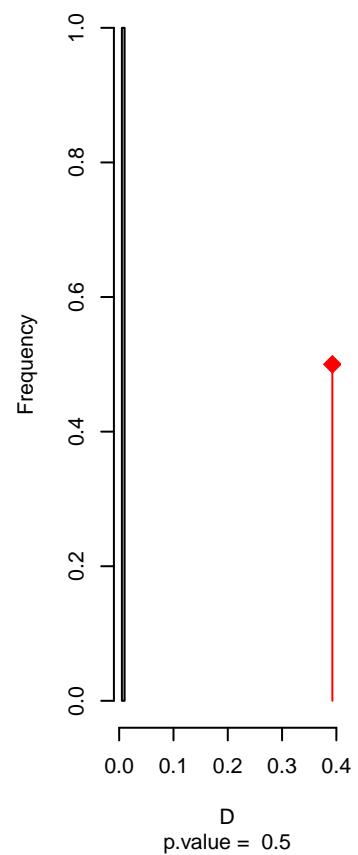
**Xolmis\_coronatus seasonal overlap-hypo.br**



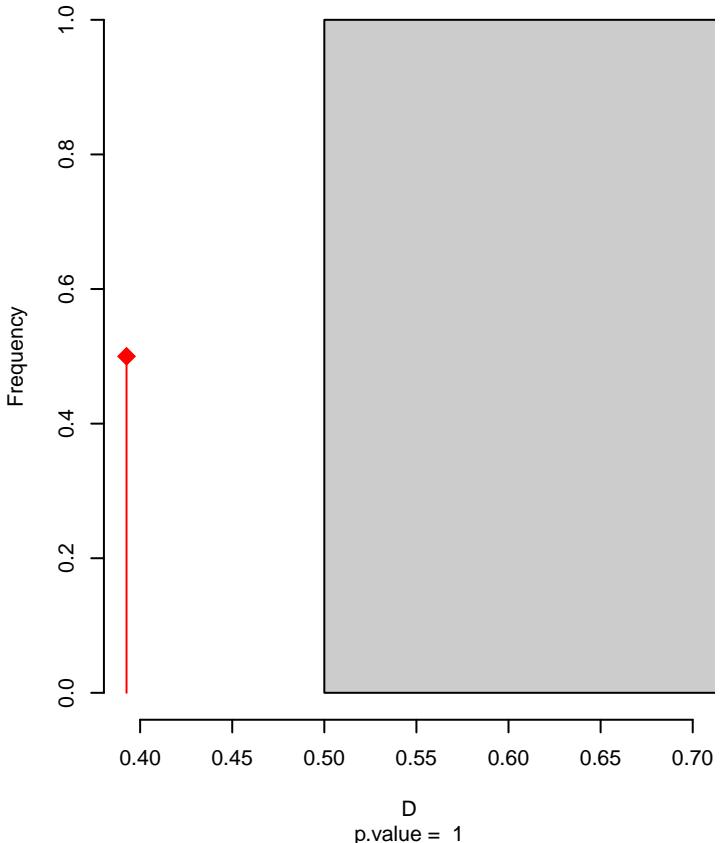
**Equivalency**



**Similarity 2->1**

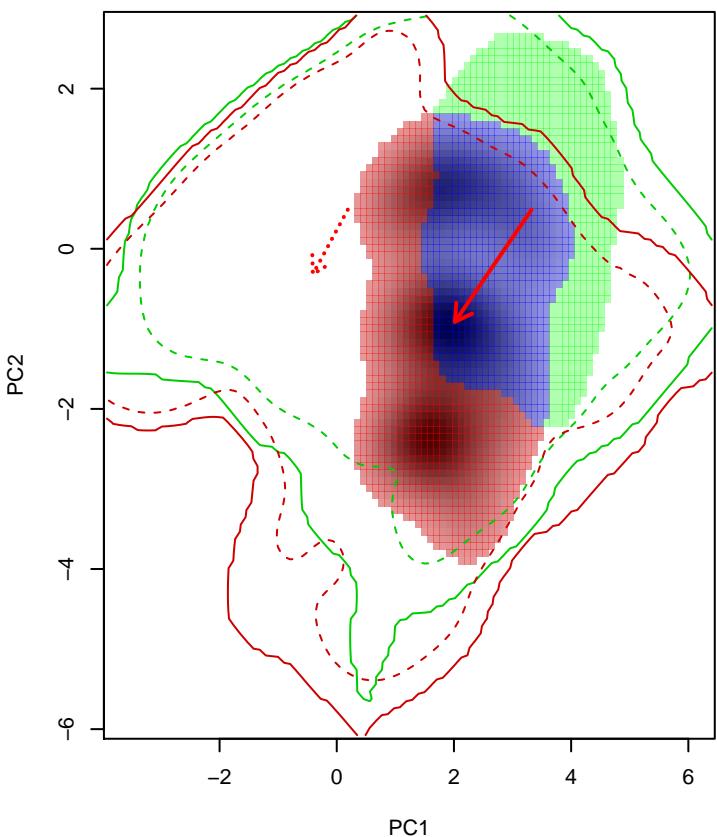


Similarity 1->2

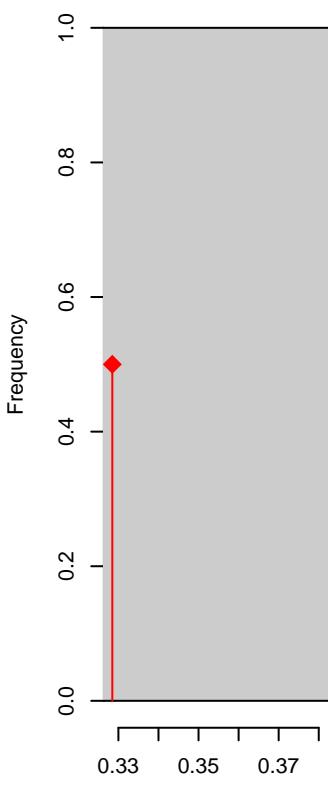


niche overlap:  
 $D=0.328$

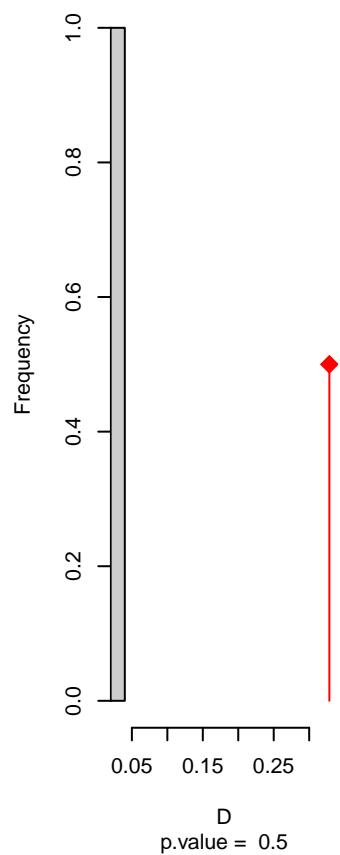
Xolmis\_coronatus seasonal overlap-hypo wi



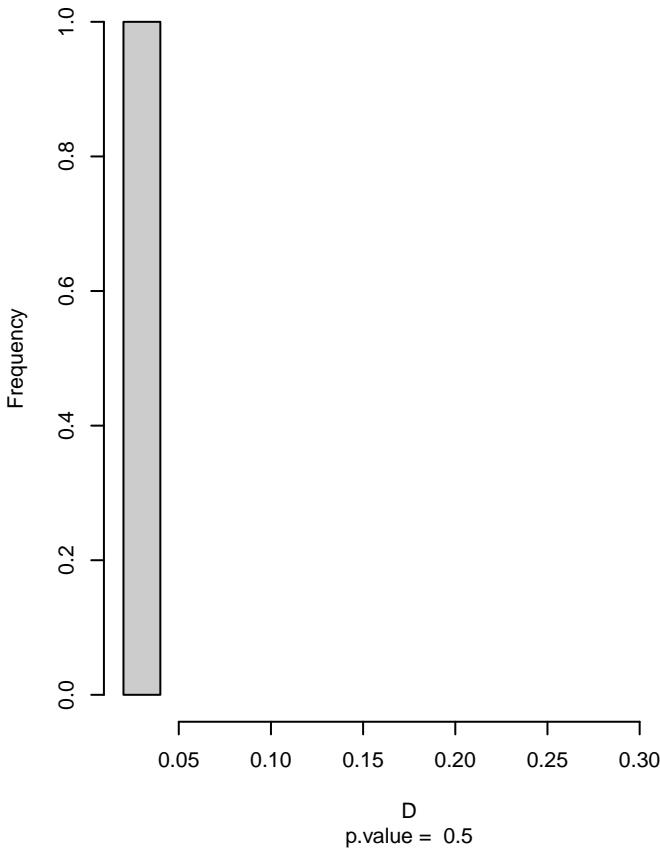
Equivalency



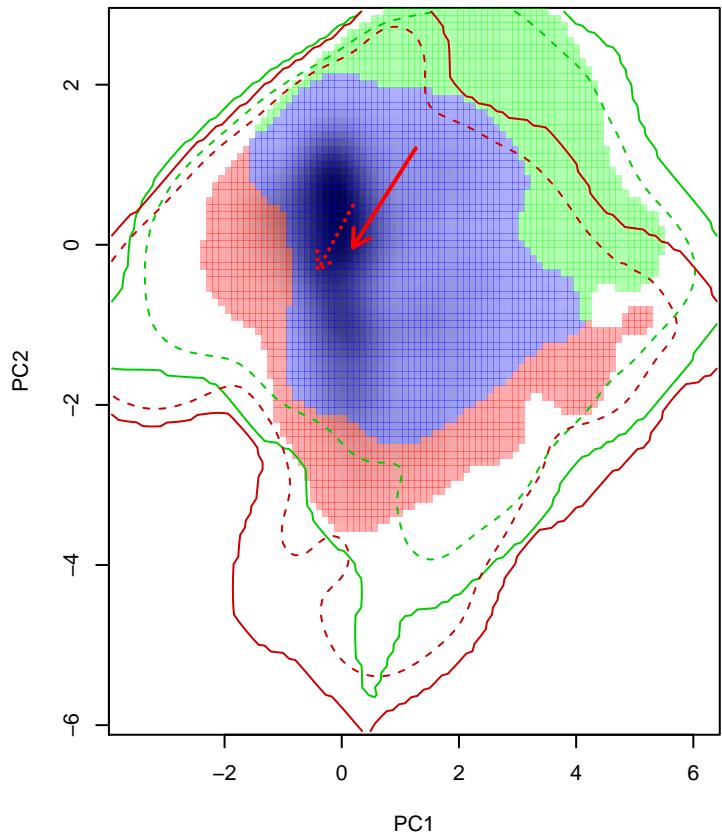
Similarity 2->1



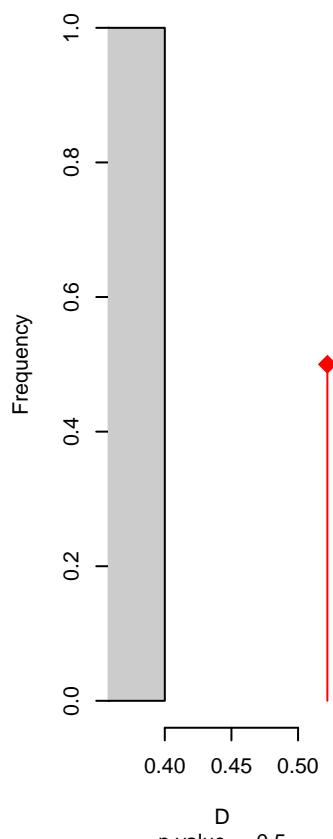
**Similarity 1->2**



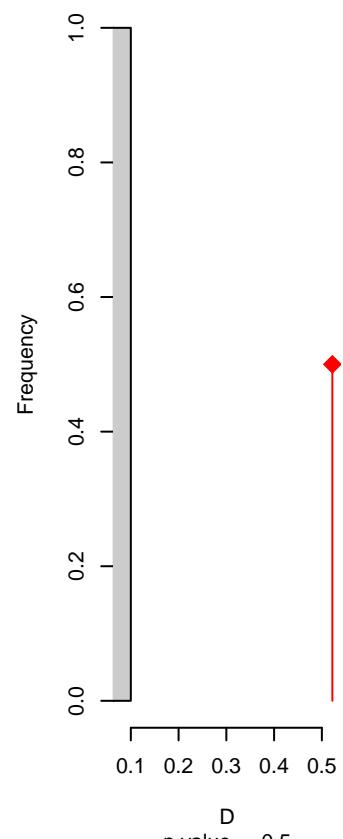
**Xolmis\_irupero seasonal overlap**



**Equivalency**

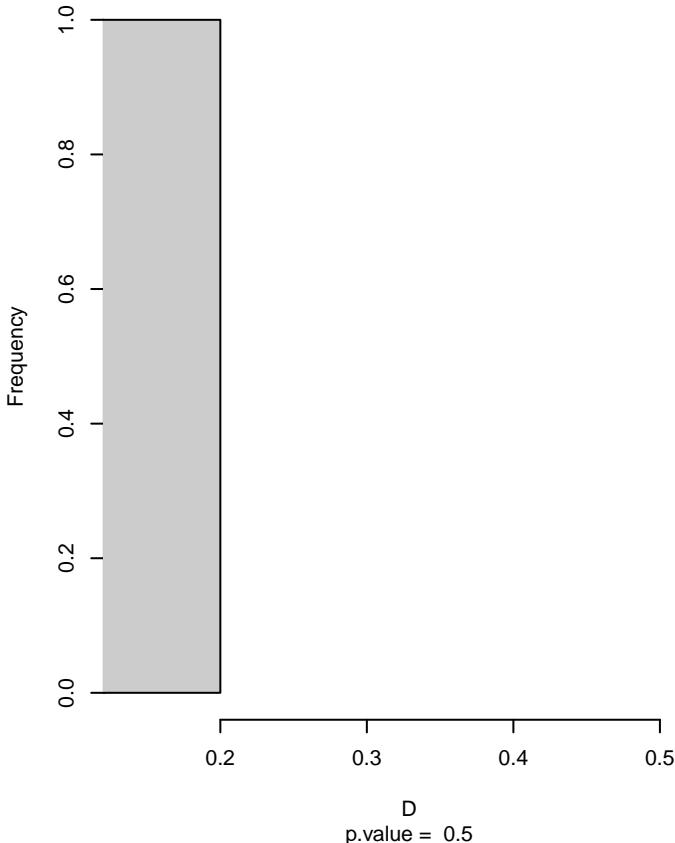


**Similarity 2->1**

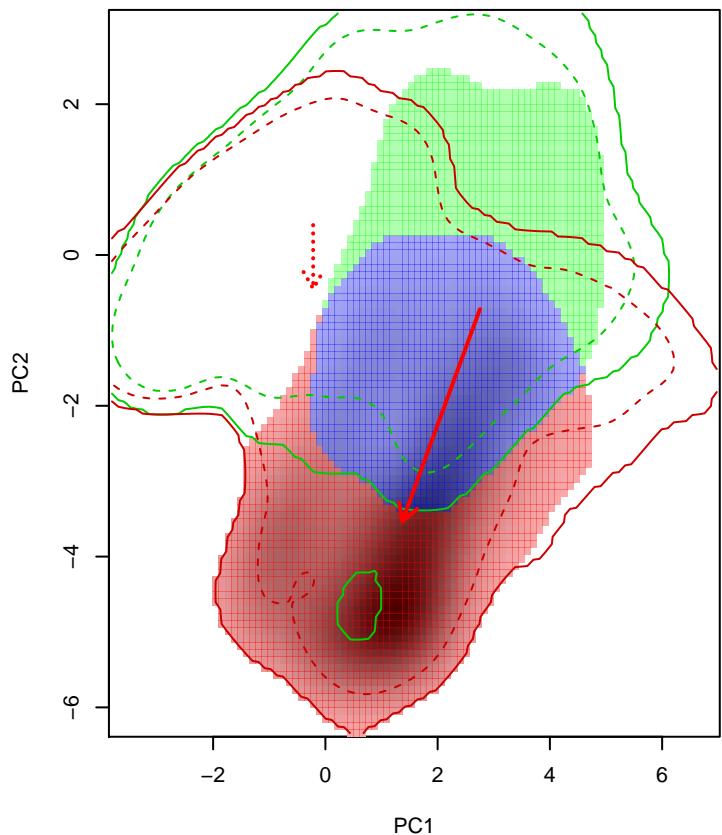


niche overlap:  
 $D = 0.522$

**Similarity 1->2**

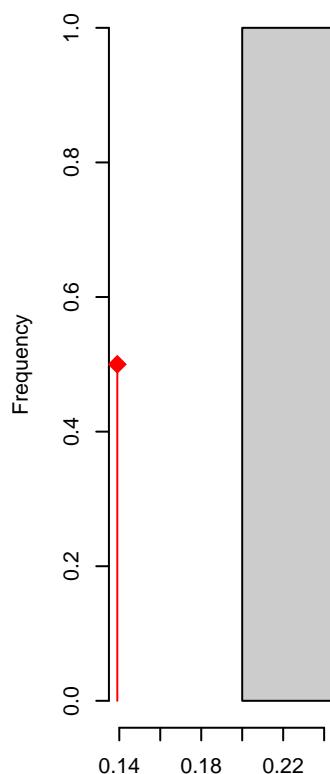


**Xolmis\_pyrope seasonal overlap**

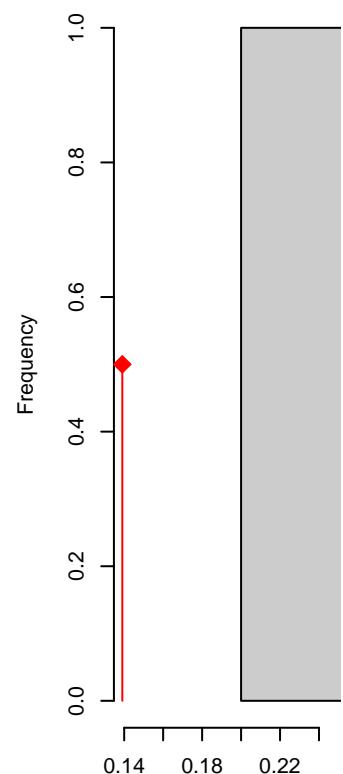


niche overlap:  
D= 0.139

**Equivalency**



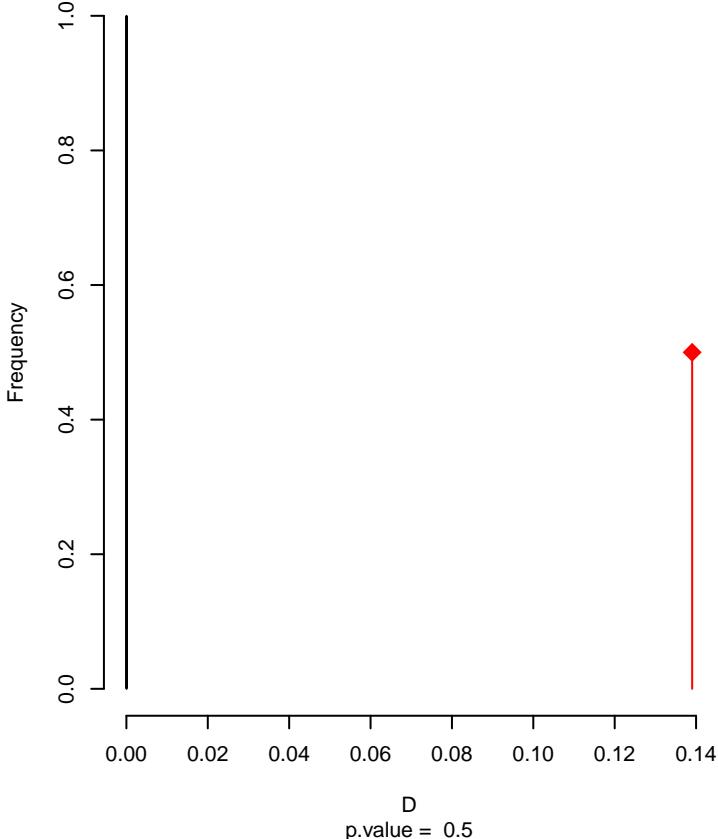
**Similarity 2->1**



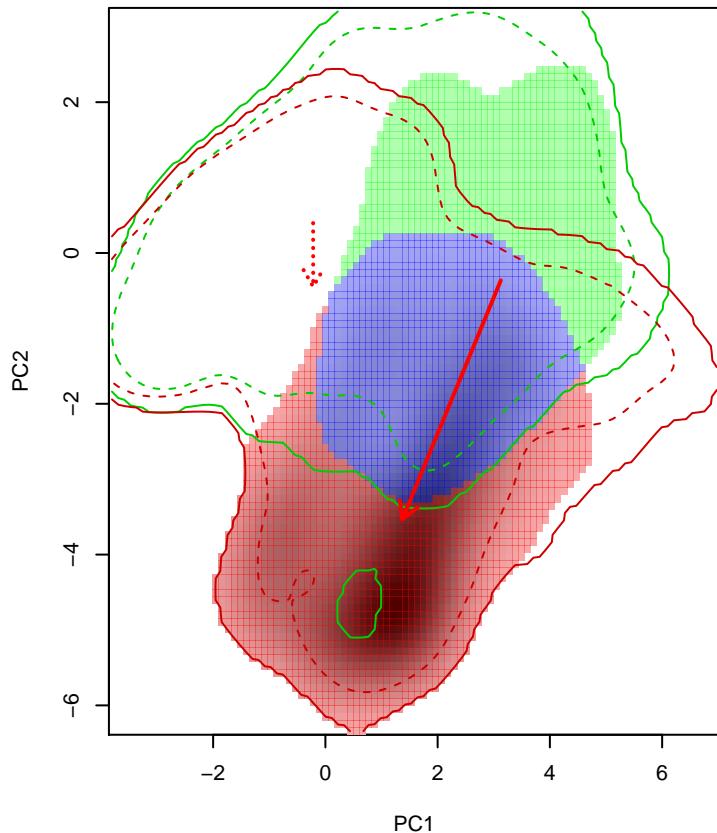
D  
p.value = 1

D  
p.value = 1

**Similarity 1->2**

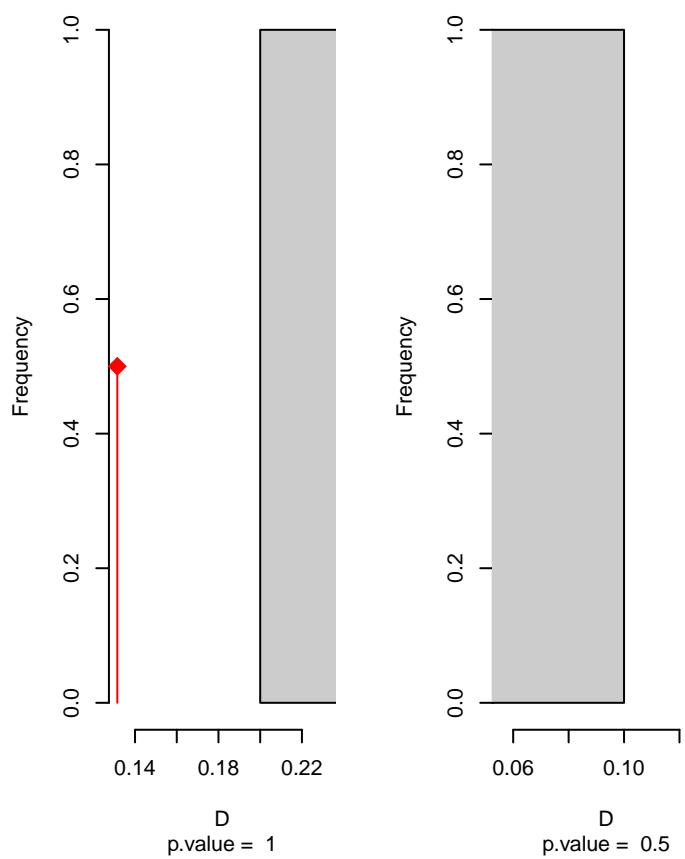


**Xolmis\_pyrope seasonal overlap-hypo.br**

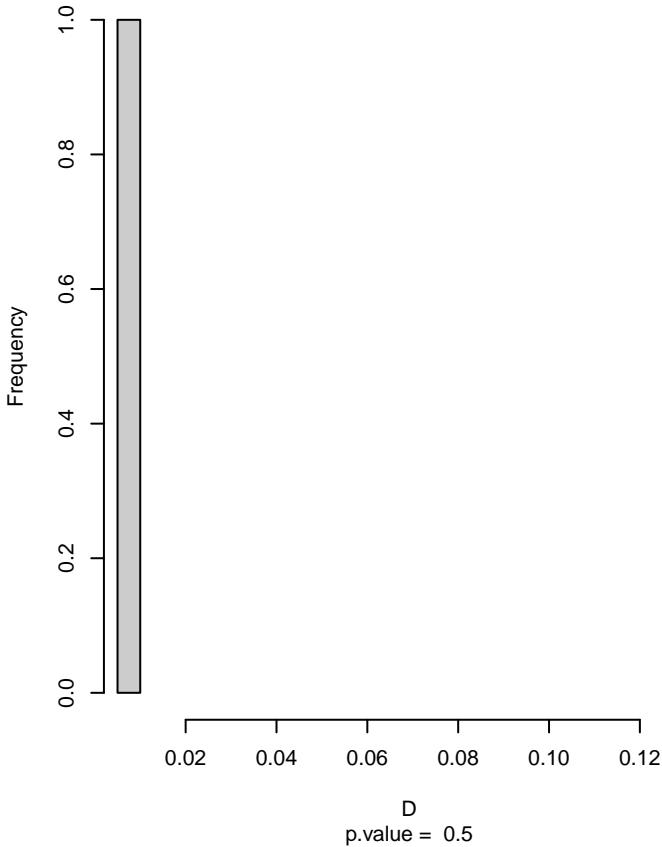


**Equivalency**

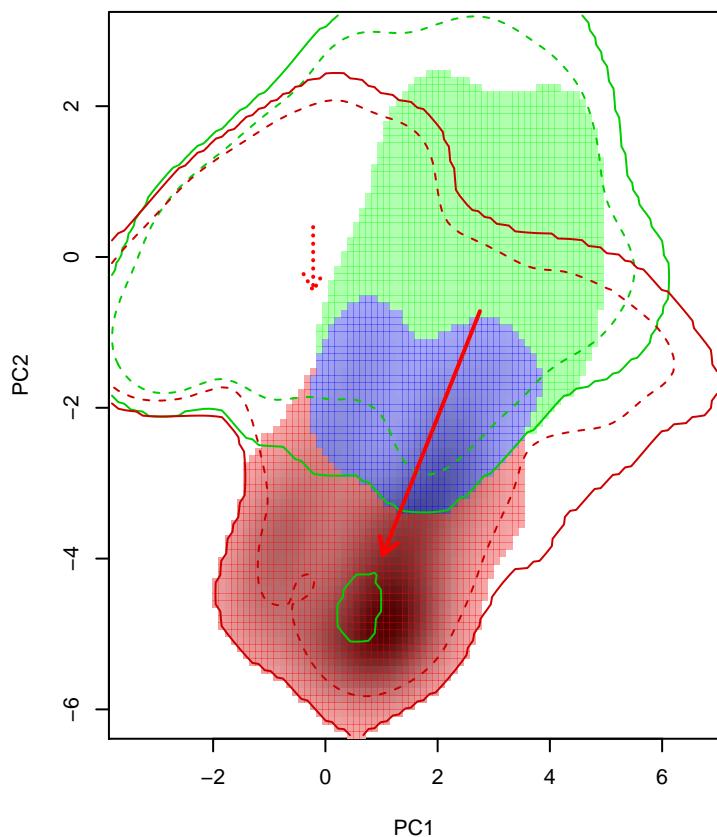
niche overlap:  
D= 0.132



**Similarity 1->2**

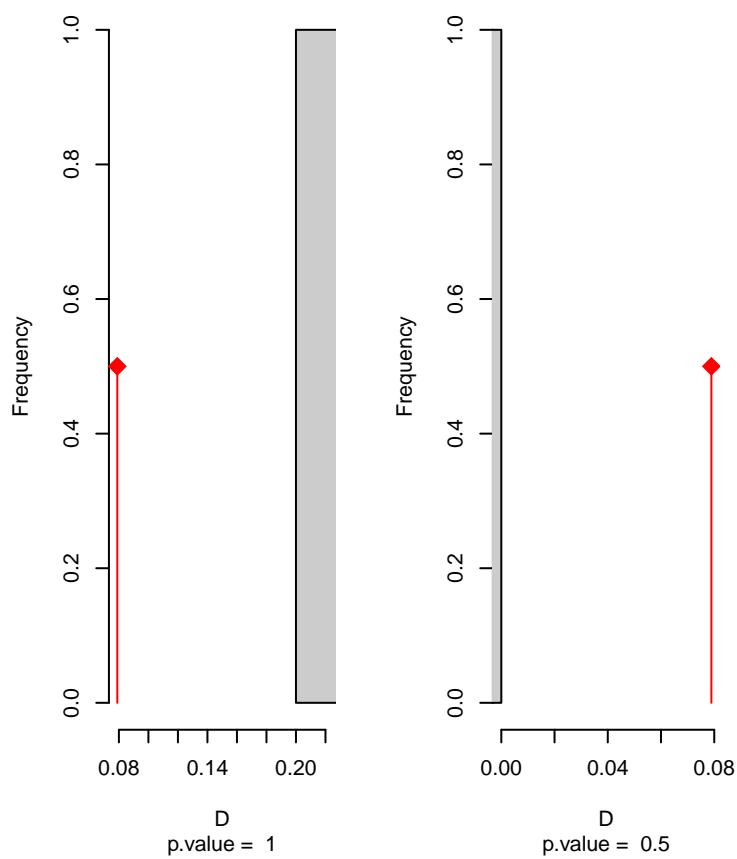


**Xolmis\_pyrope seasonal overlap-hypo wi**

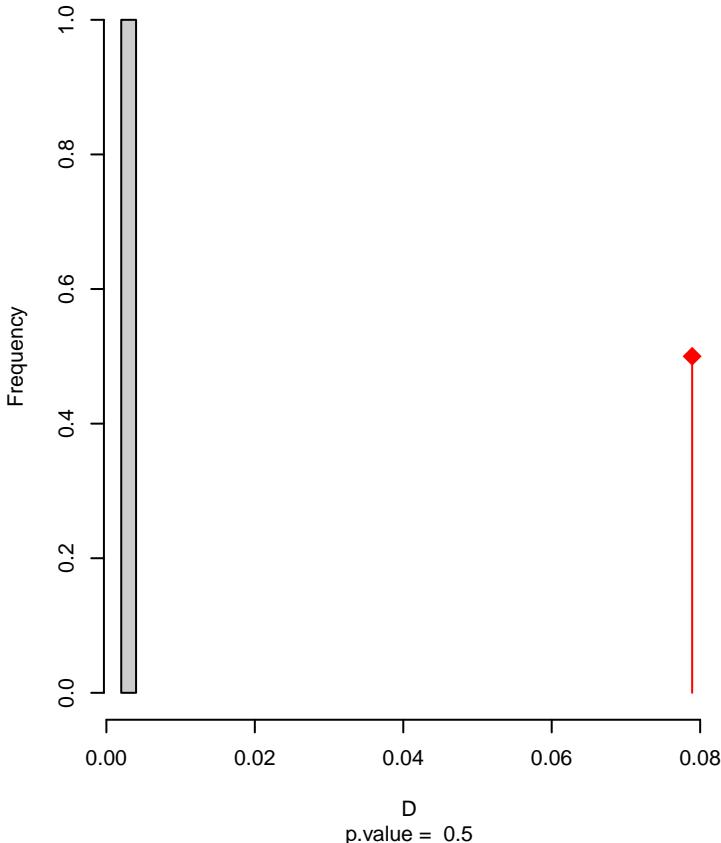


**Equivalency**

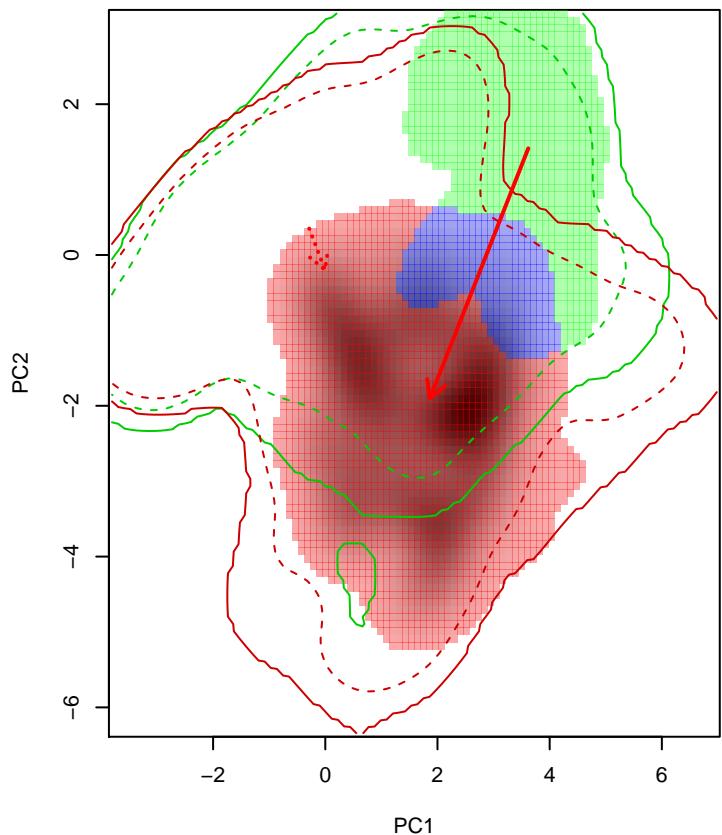
niche overlap:  
D= 0.079



**Similarity 1→2**

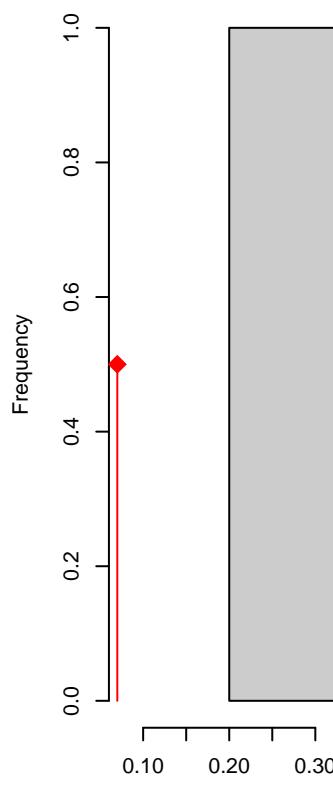


**Xolmis\_rubetra seasonal overlap**

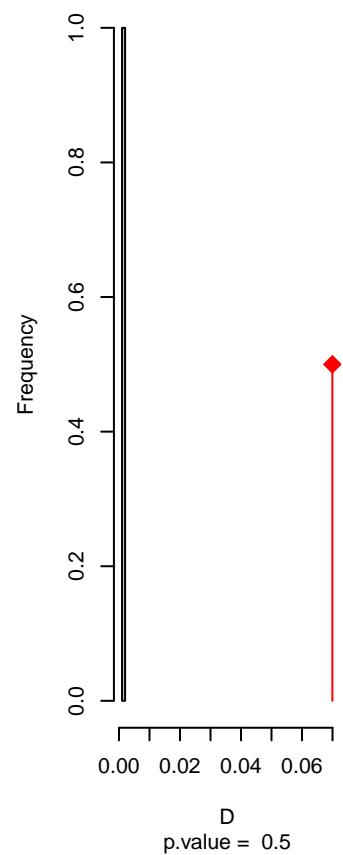


niche overlap:  
 $D = 0.07$

**Equivalency**

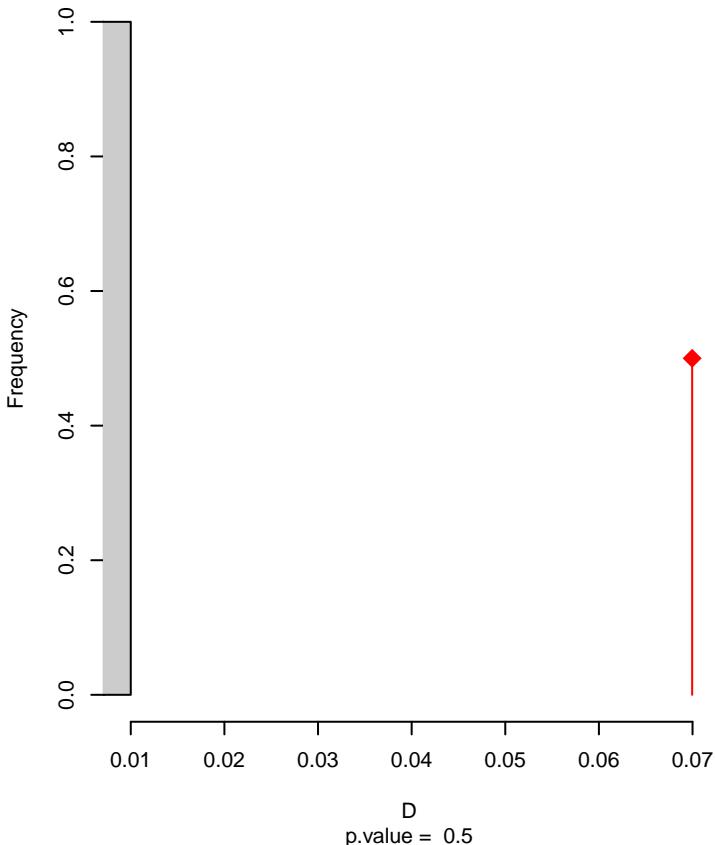


**Similarity 2→1**

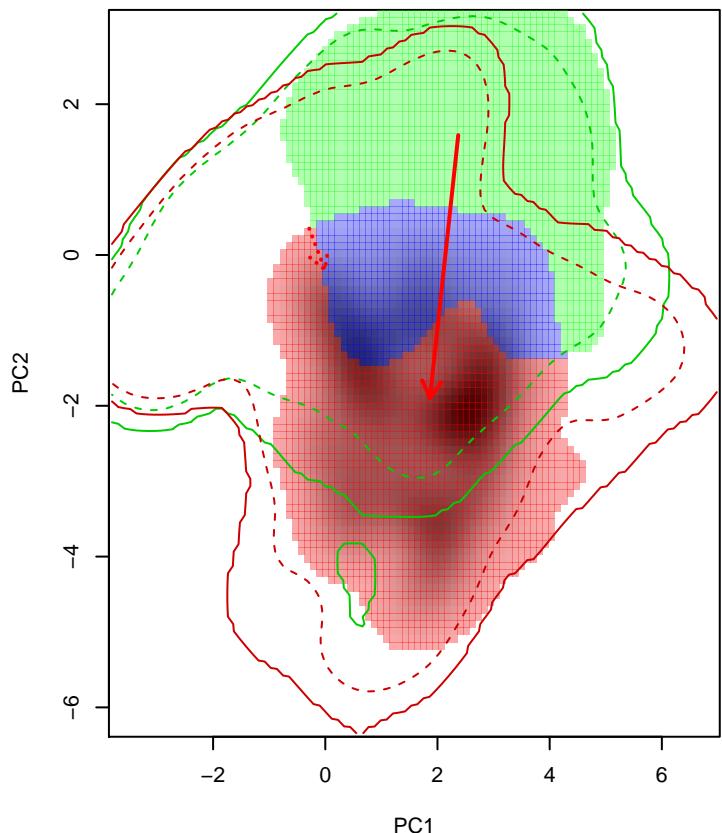


D  
p.value = 1

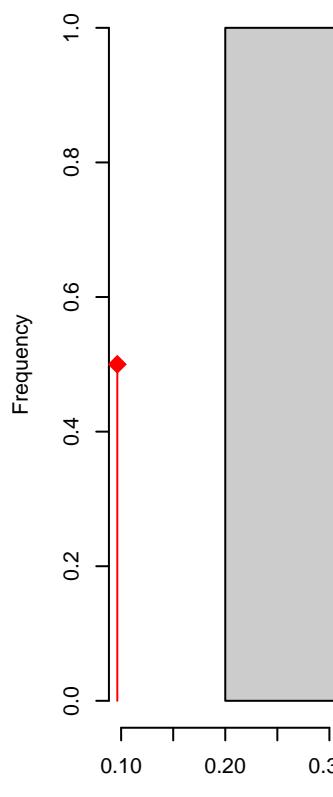
**Similarity 1->2**



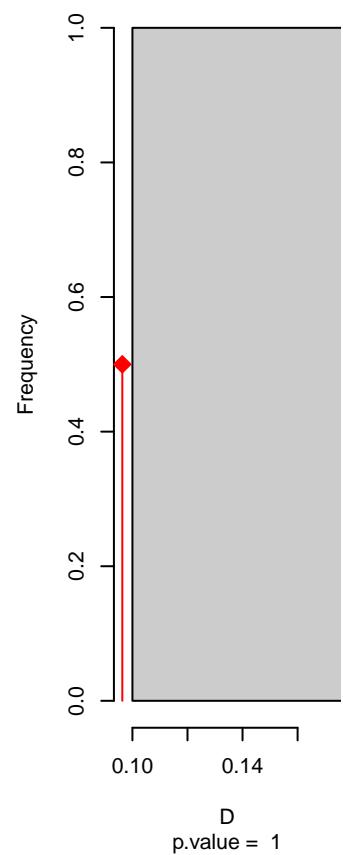
**Xolmis\_rubetra seasonal overlap-hypo.br**



**Equivalency**

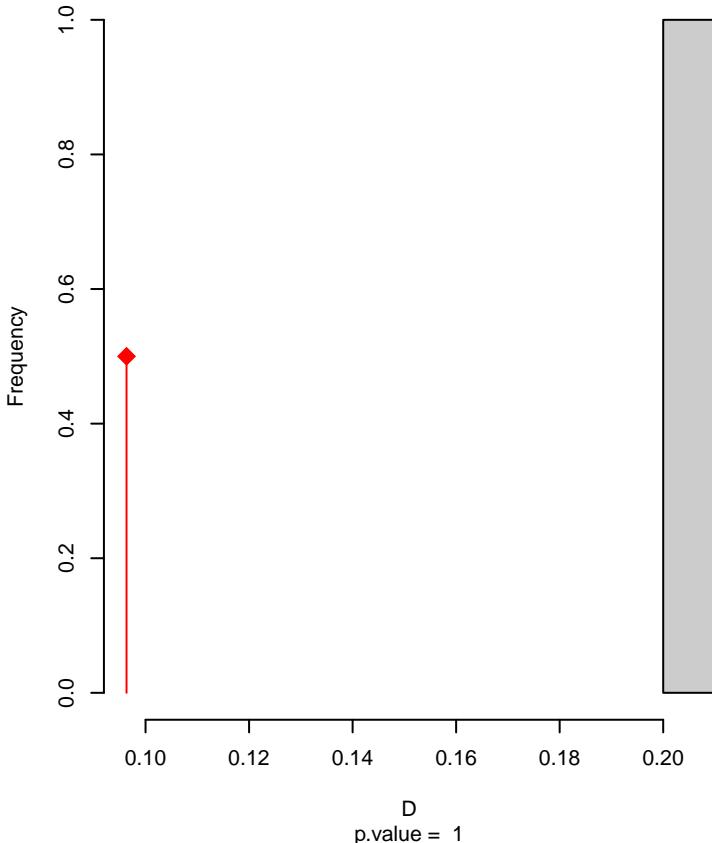


**Similarity 2->1**

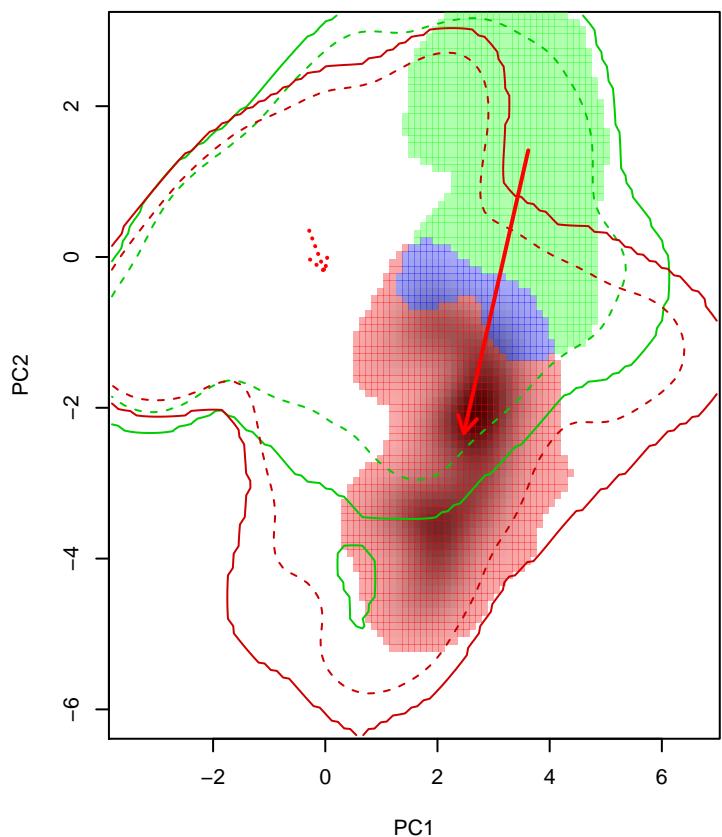


niche overlap:  
D= 0.096

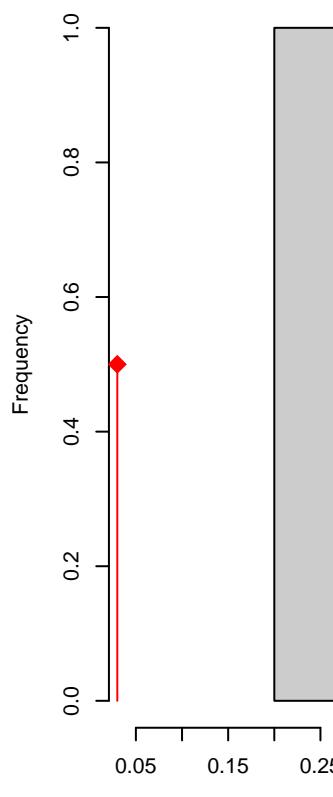
**Similarity 1->2**



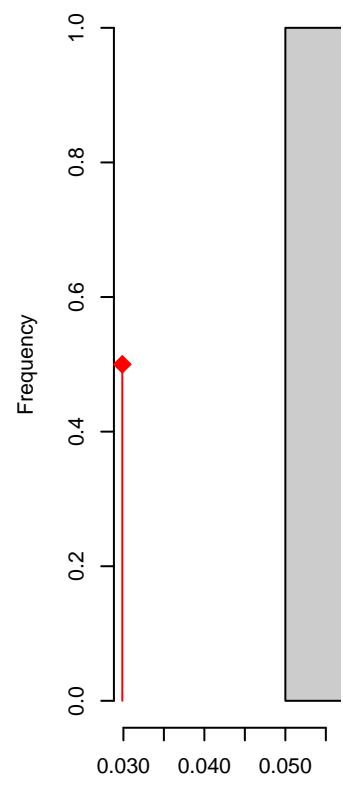
**Xolmis\_rubetra seasonal overlap-hypo wi**



**Equivalency**



**Similarity 2->1**



niche overlap:  
D= 0.03

### Similarity 1->2

