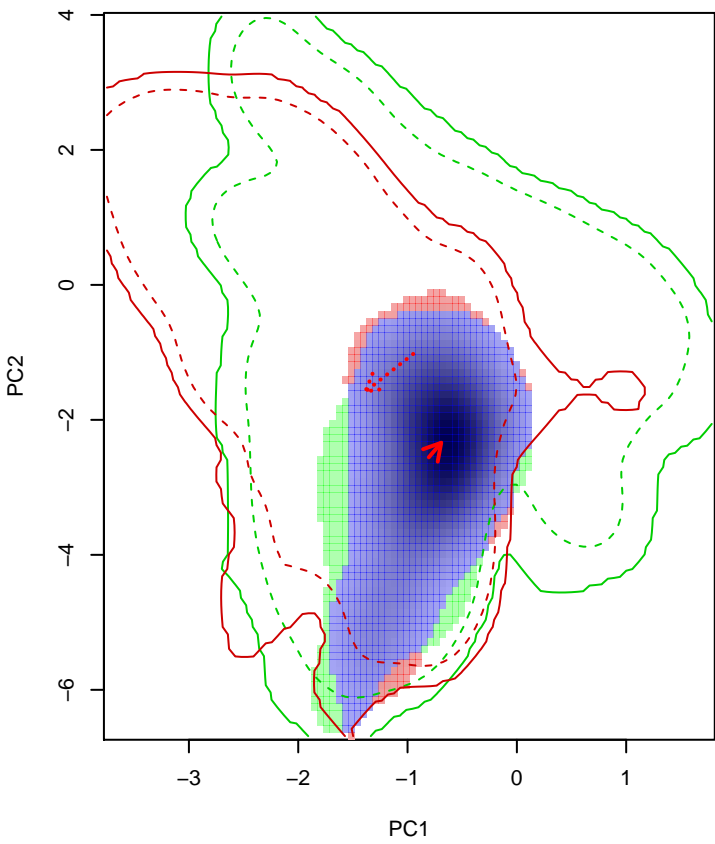
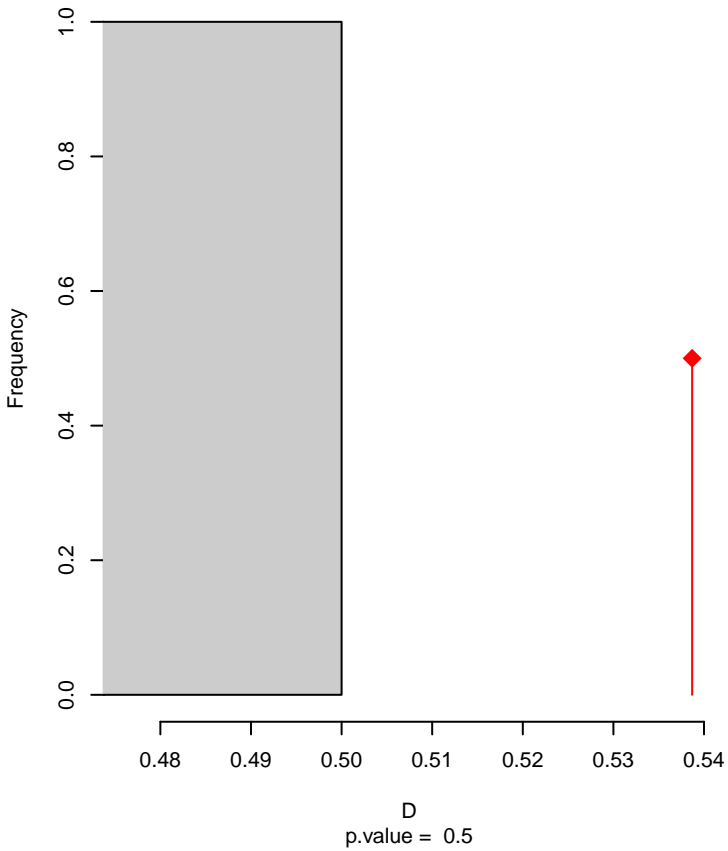


**Cyclarhis\_nigrirostris seasonal overlap**

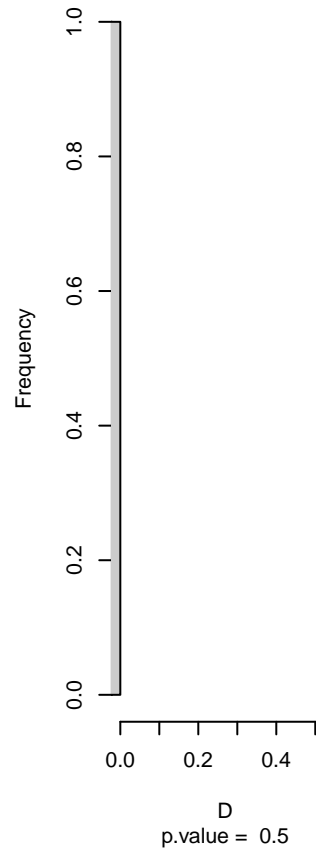


niche overlap:  
D= 0.539

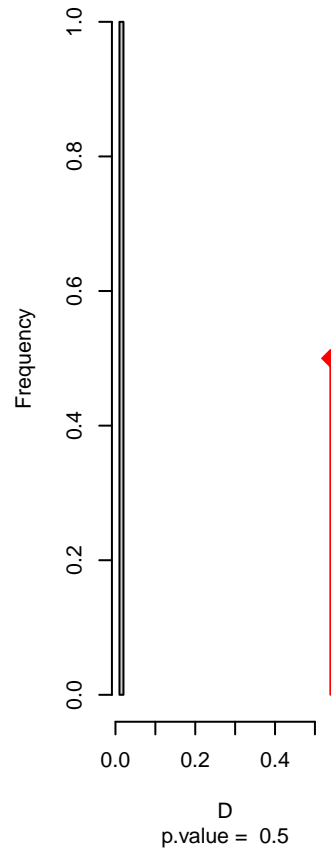
**Equivalency**



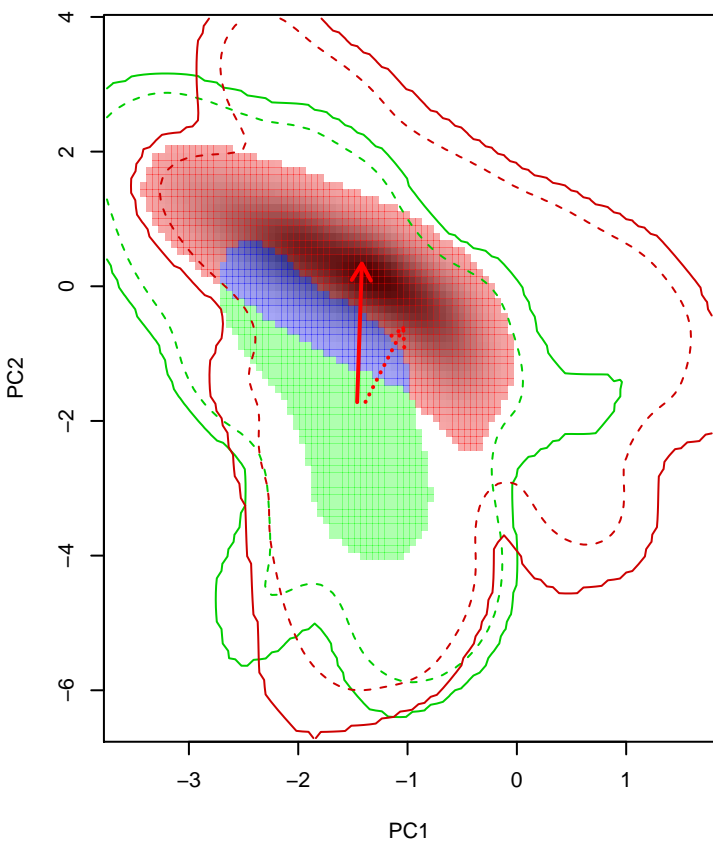
**Similarity 2->1**



**Similarity 1->2**

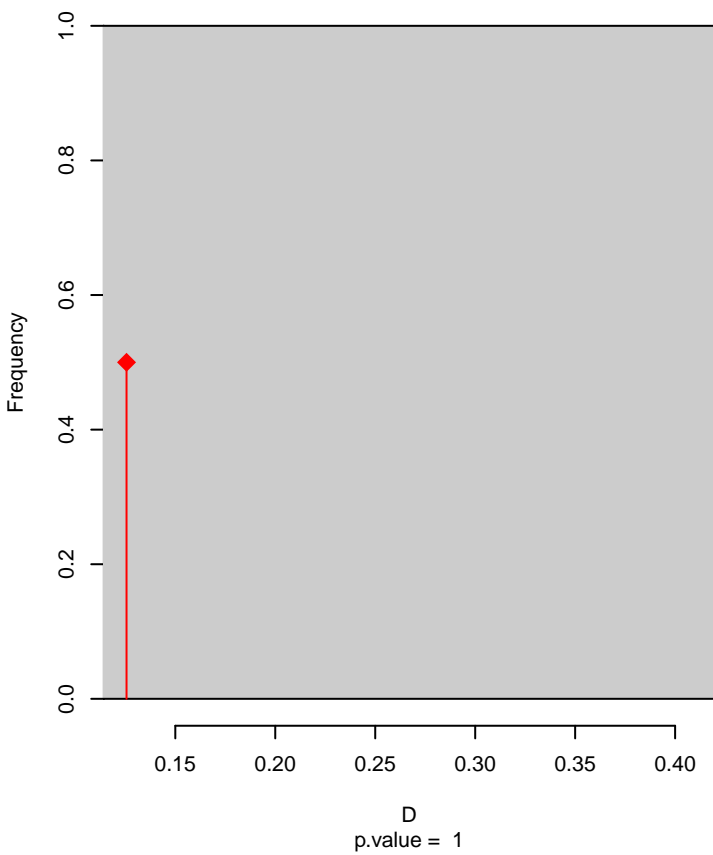


Hylophilus\_amaurocephalus seasonal overlap

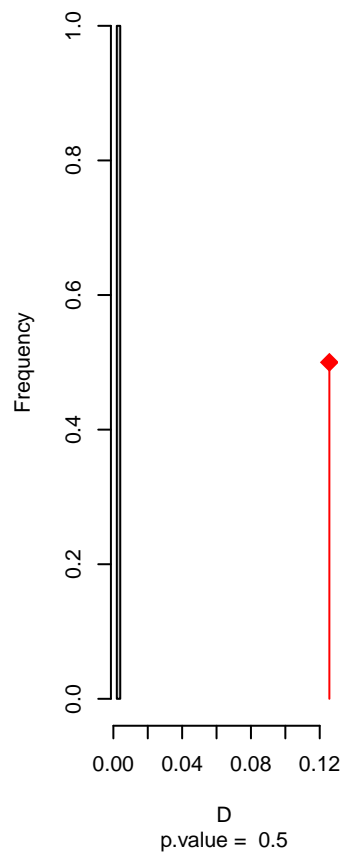


niche overlap:  
D= 0.126

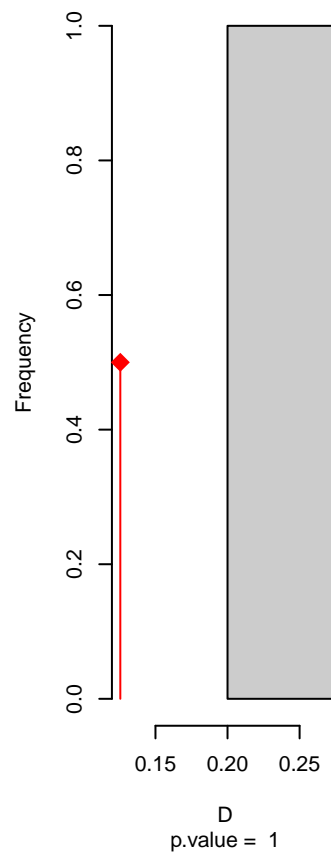
Equivalency



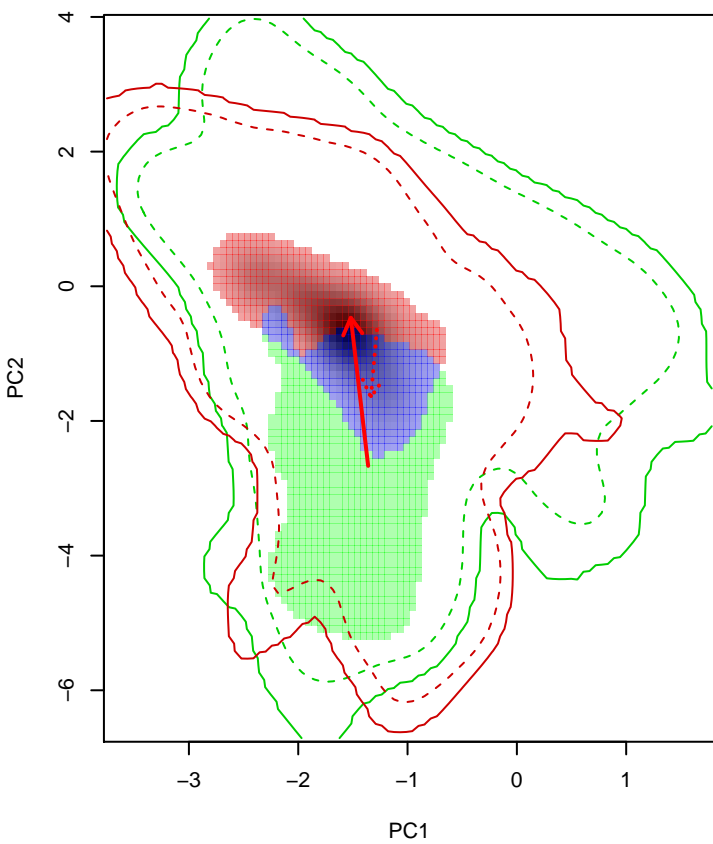
Similarity 2→1



Similarity 1→2

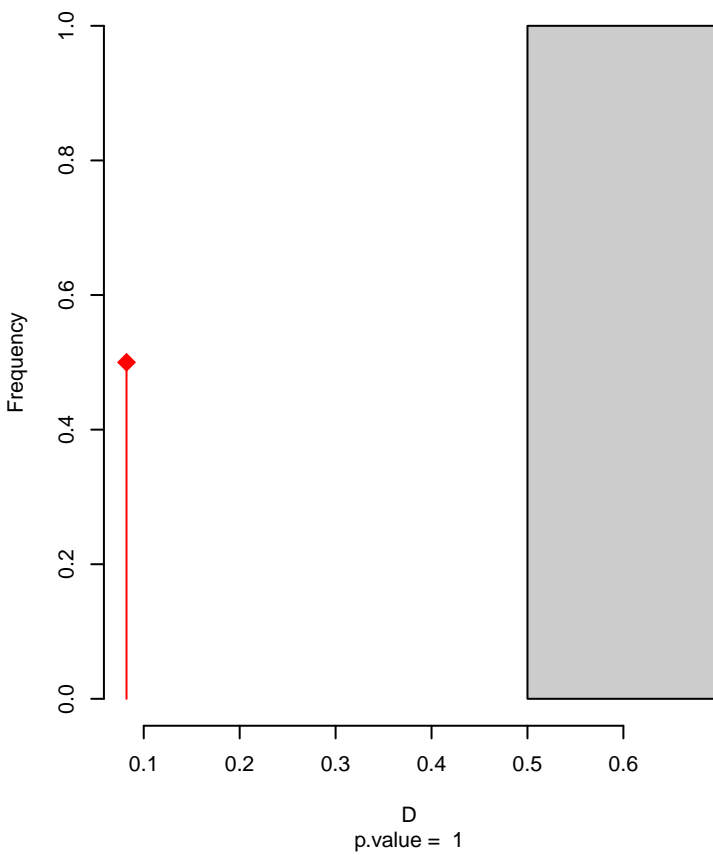


**Hylophilus\_aurantiifrons seasonal overlap**

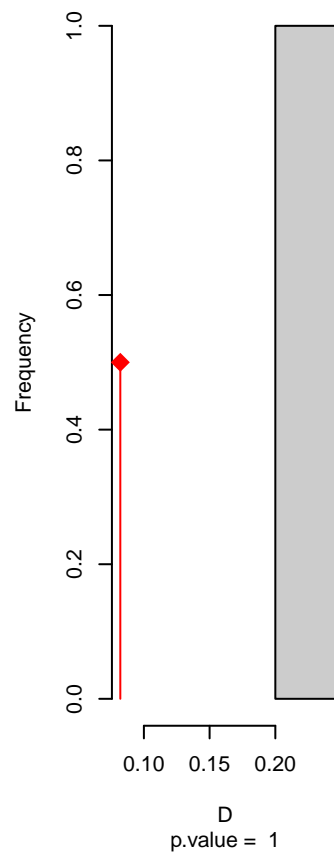


niche overlap:  
D= 0.082

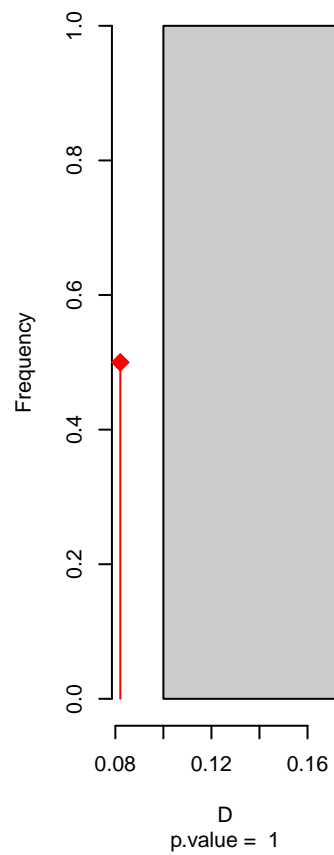
**Equivalency**



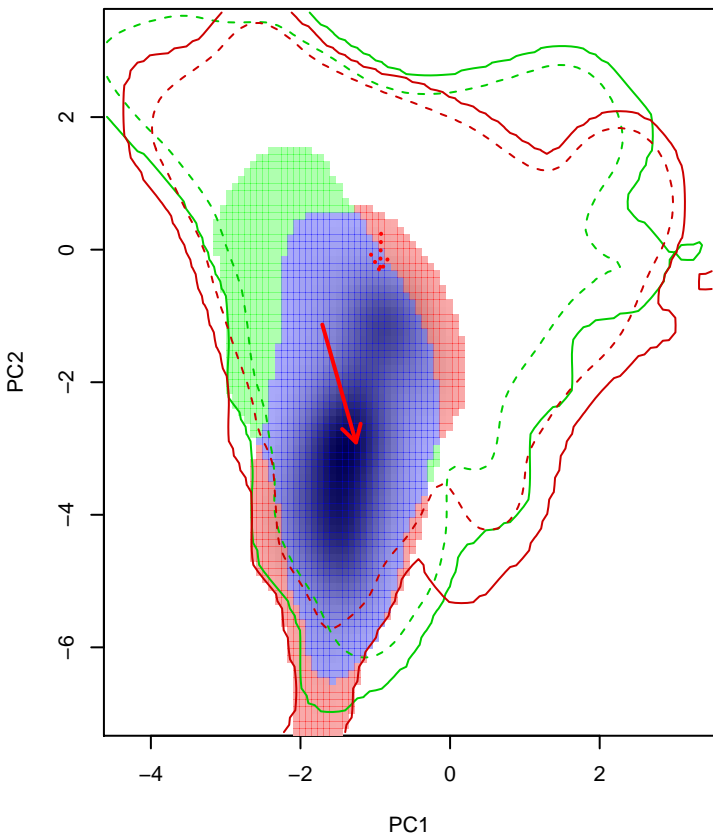
**Similarity 2→1**



**Similarity 1→2**

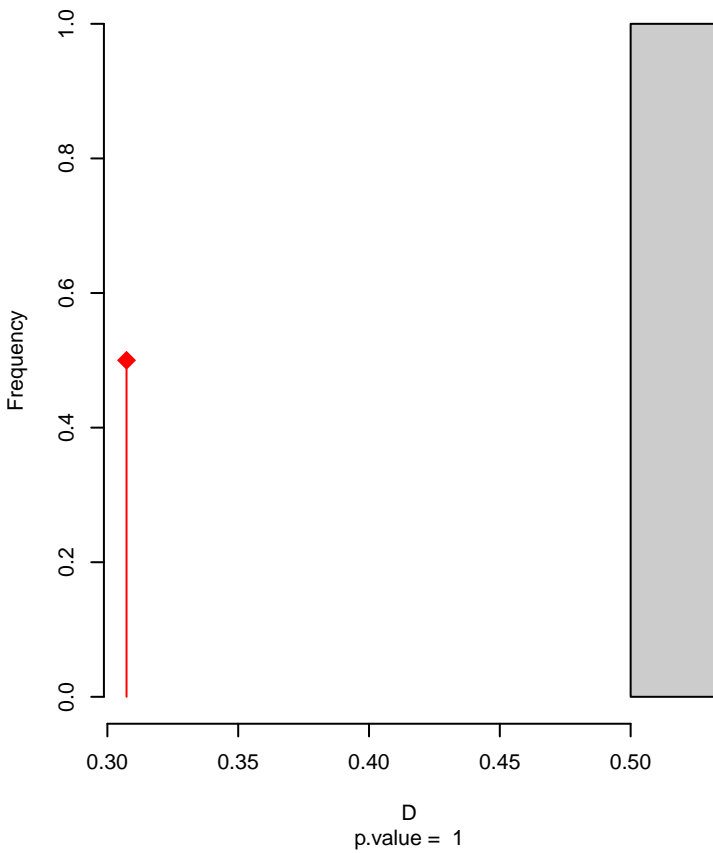


**Hylophilus\_decurtatus seasonal overlap**

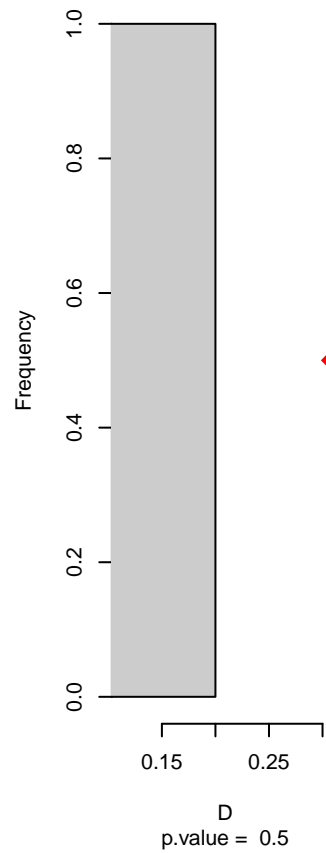


niche overlap:  
D= 0.307

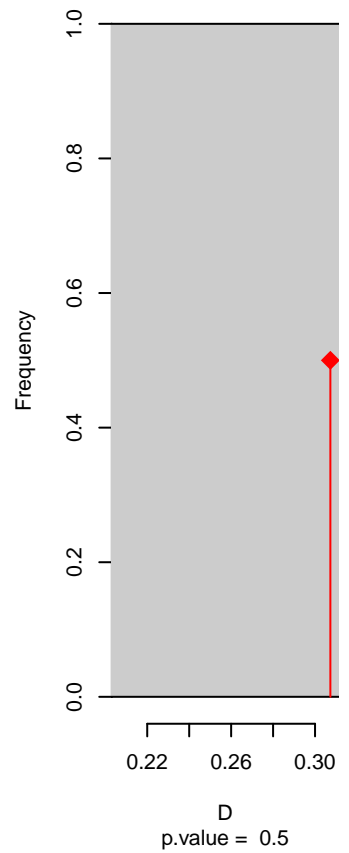
**Equivalency**



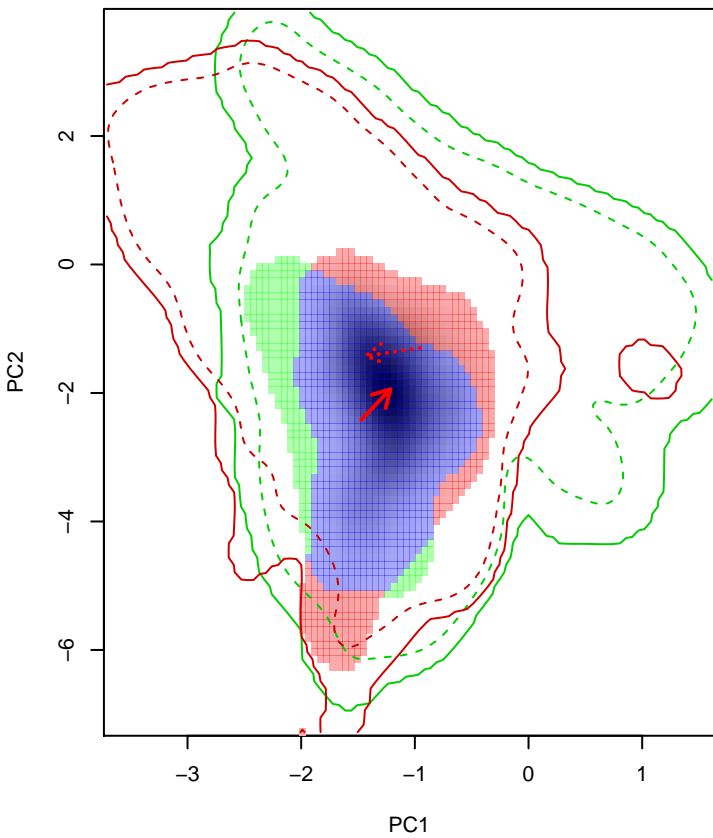
**Similarity 2->1**



**Similarity 1->2**

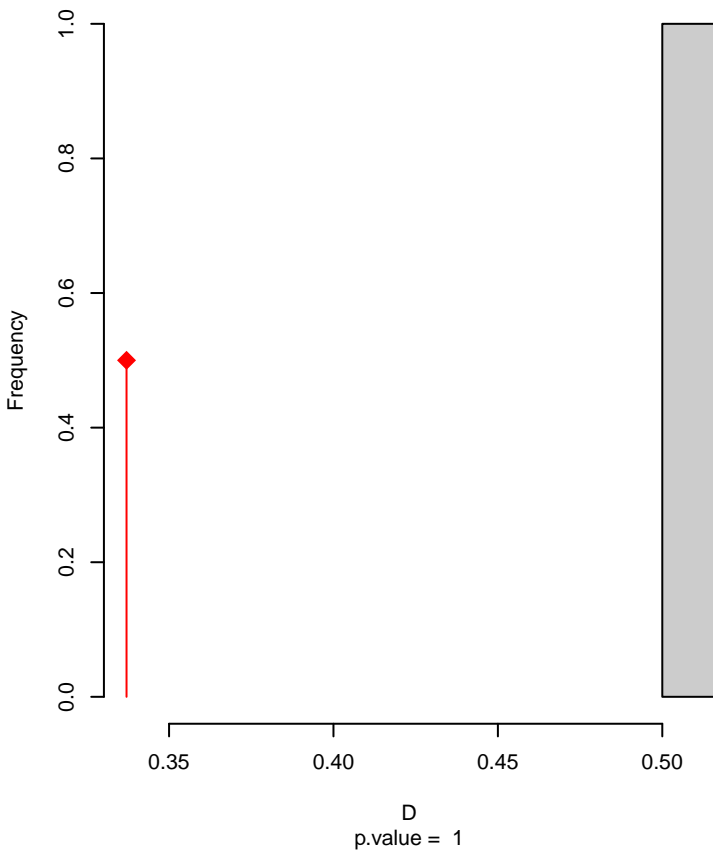


**Hylophilus\_flavipes seasonal overlap**

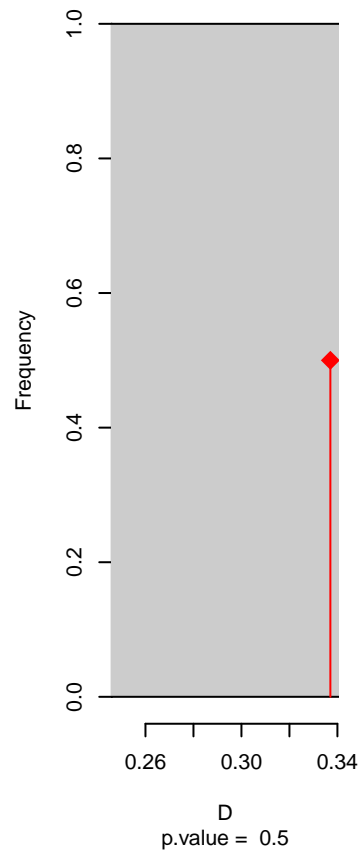


niche overlap:  
D= 0.337

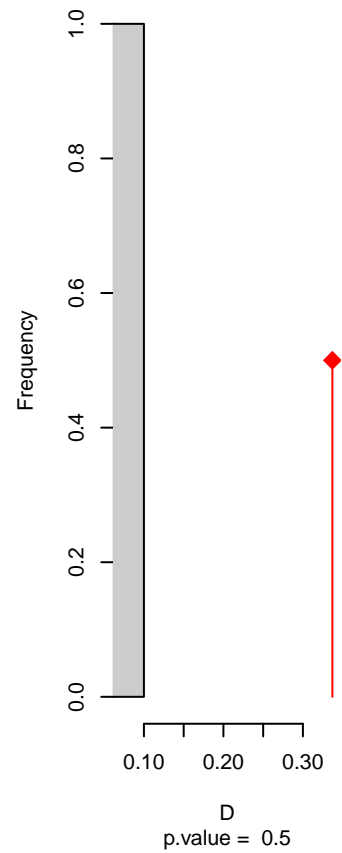
**Equivalency**



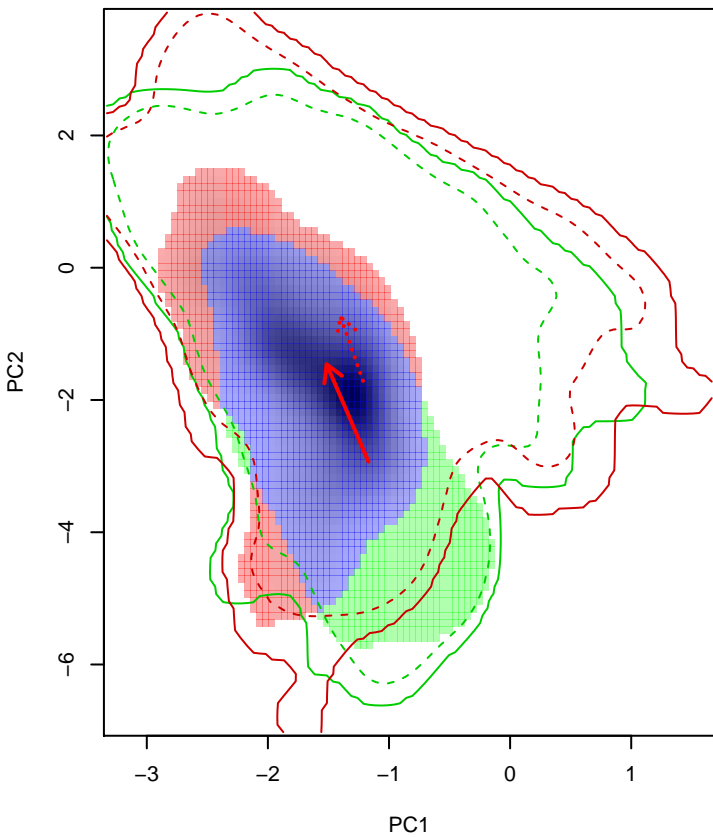
**Similarity 2→1**



**Similarity 1→2**

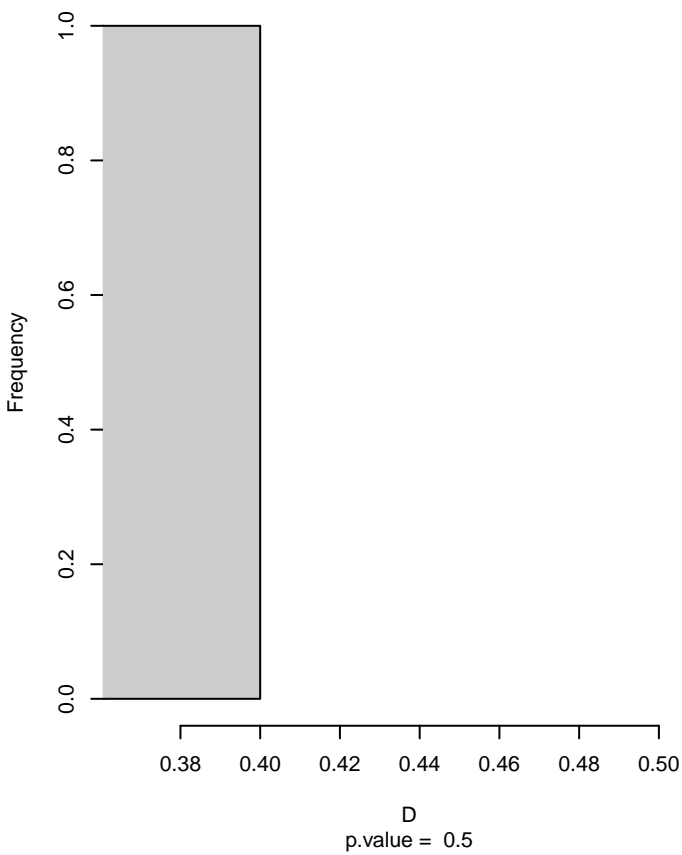


**Hylophilus\_muscicapinus seasonal overlap**

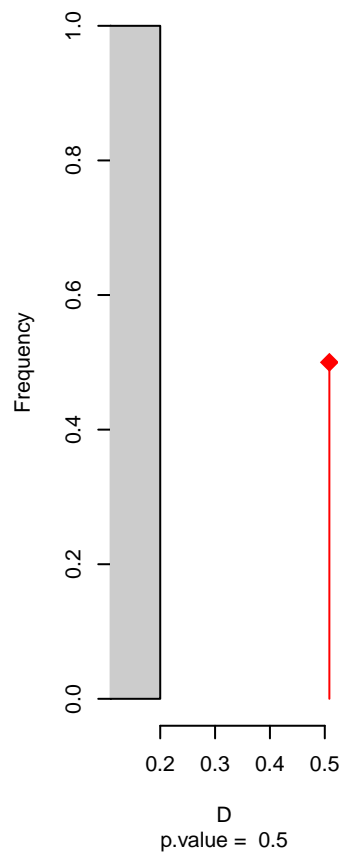


niche overlap:  
D= 0.508

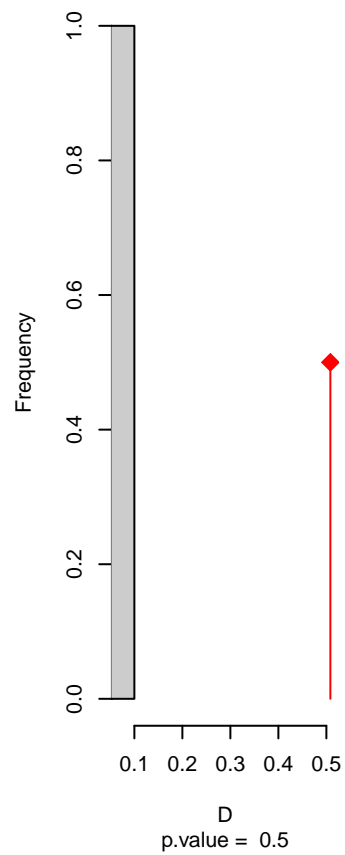
**Equivalency**



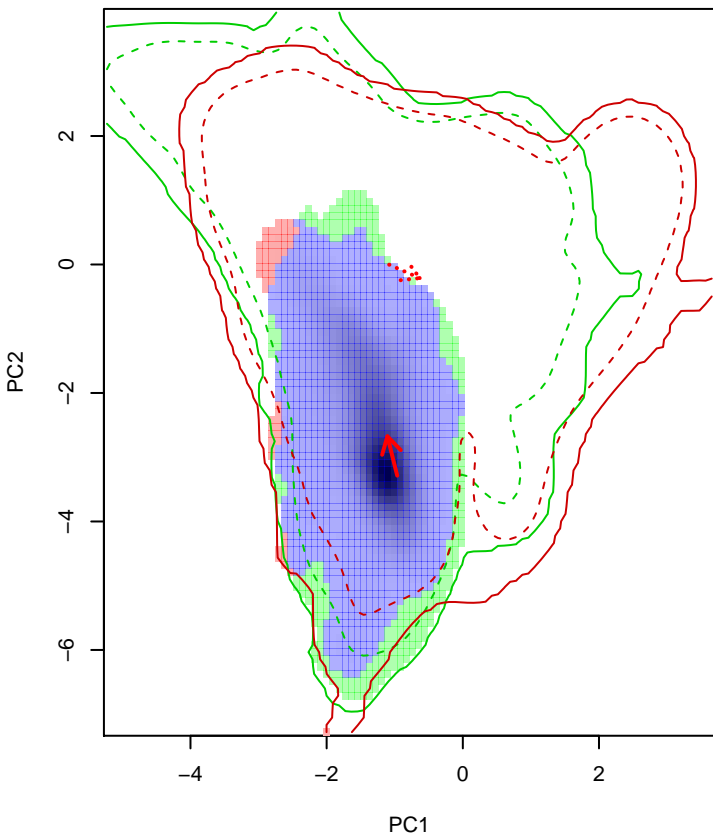
**Similarity 2->1**



**Similarity 1->2**

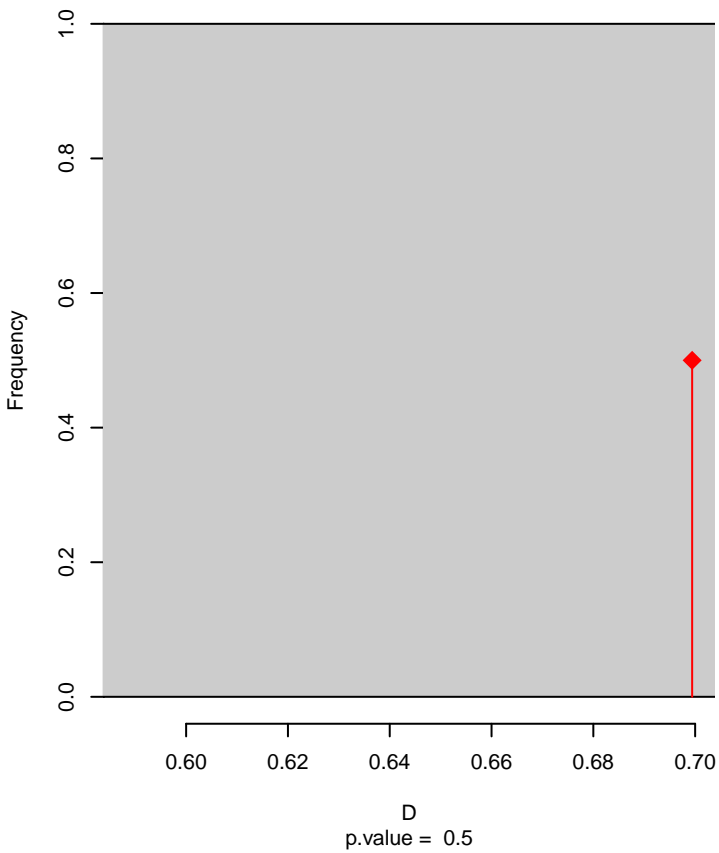


# Hylophilus\_ochraceiceps seasonal overlap

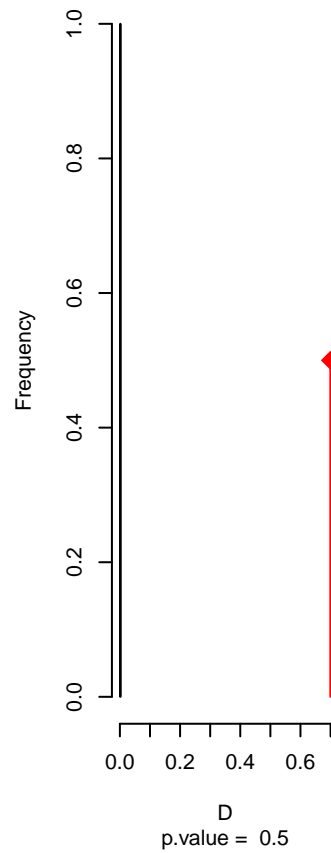


niche overlap:  
D= 0.699

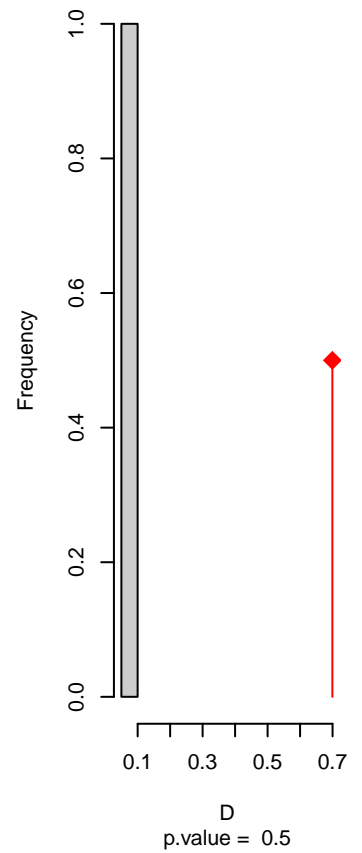
## Equivalency



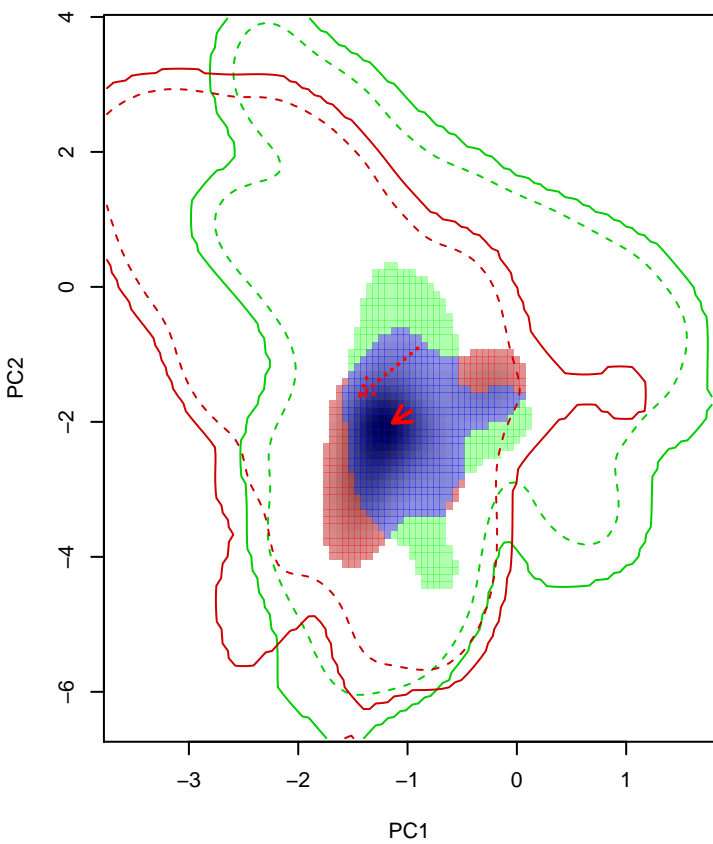
## Similarity 2->1



## Similarity 1->2

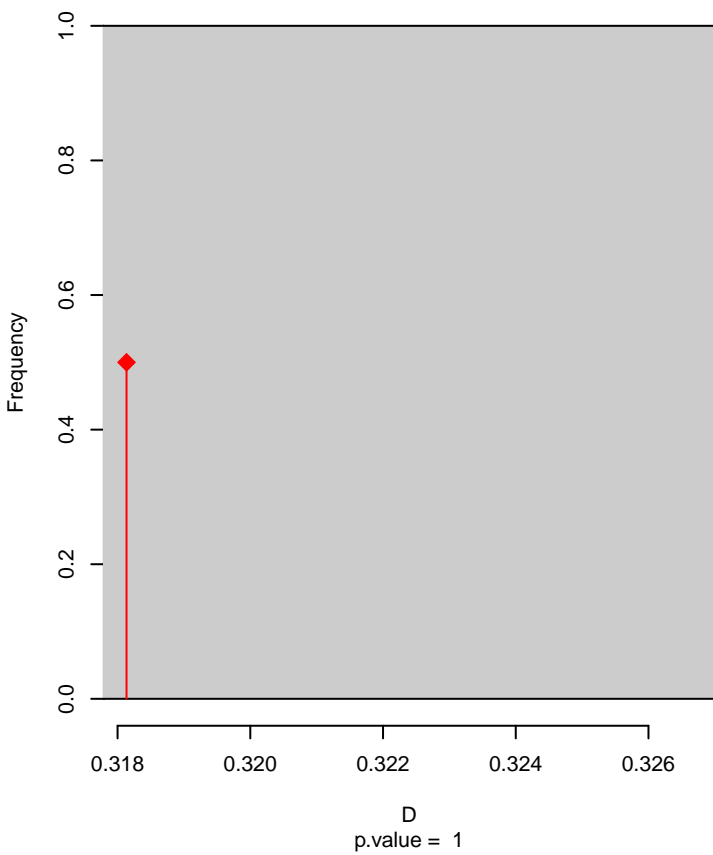


**Hylophilus\_olivaceus seasonal overlap**

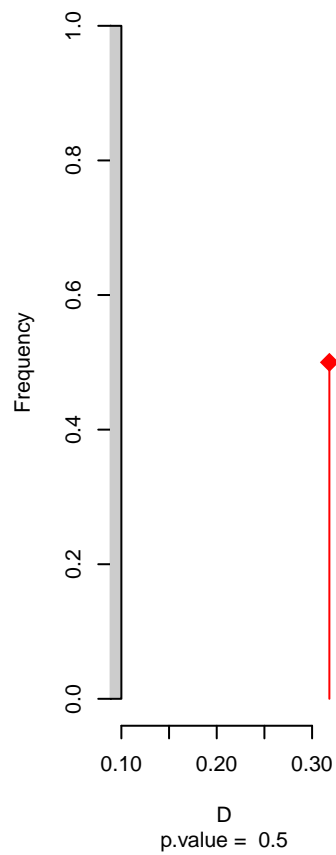


niche overlap:  
D= 0.318

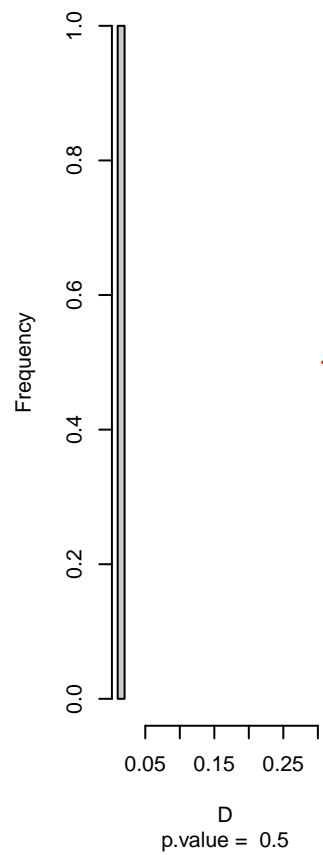
**Equivalency**



**Similarity 2→1**

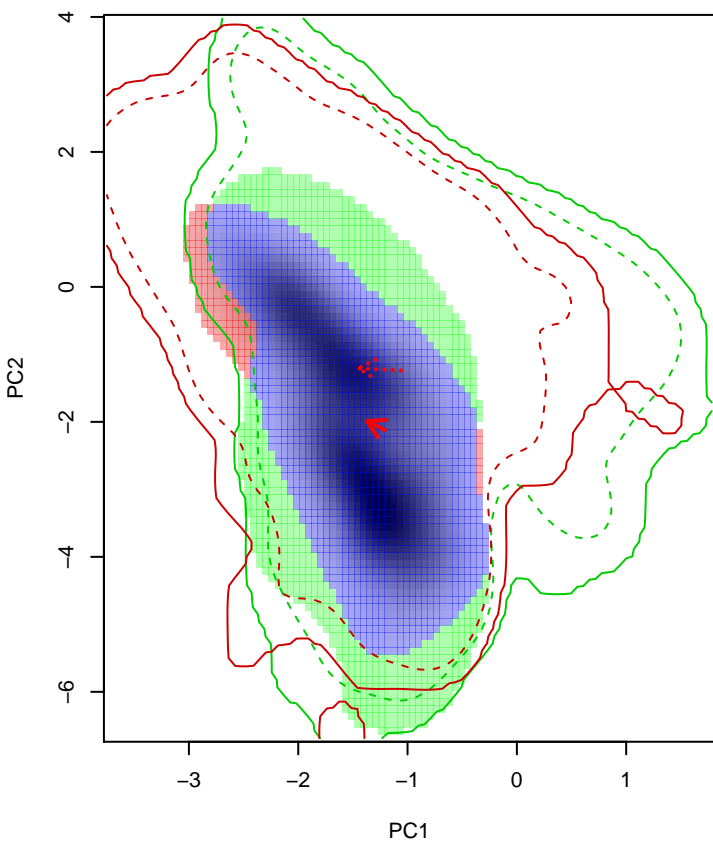


**Similarity 1→2**



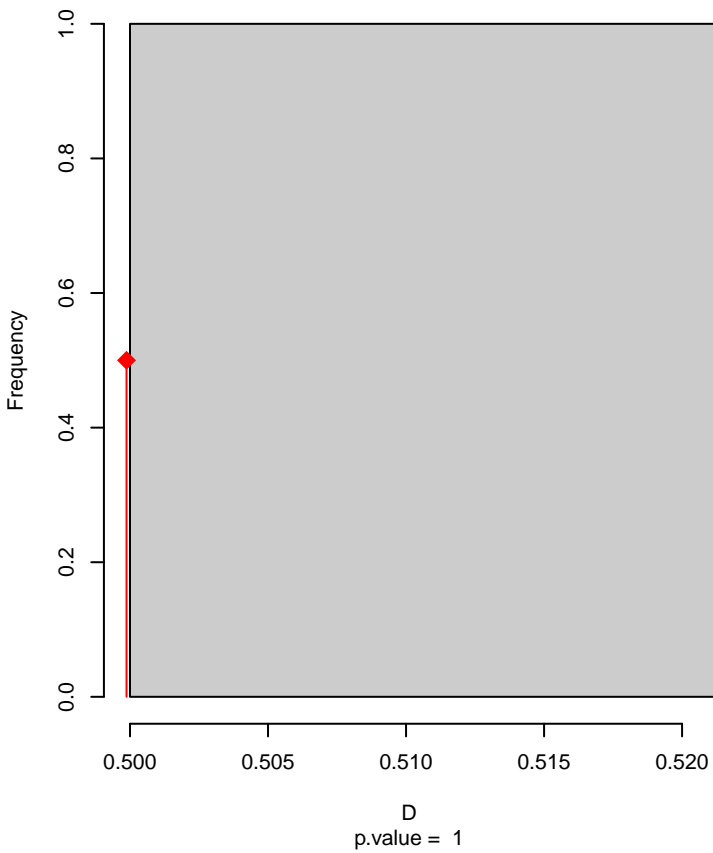


**Hylophilus\_pectoralis seasonal overlap**

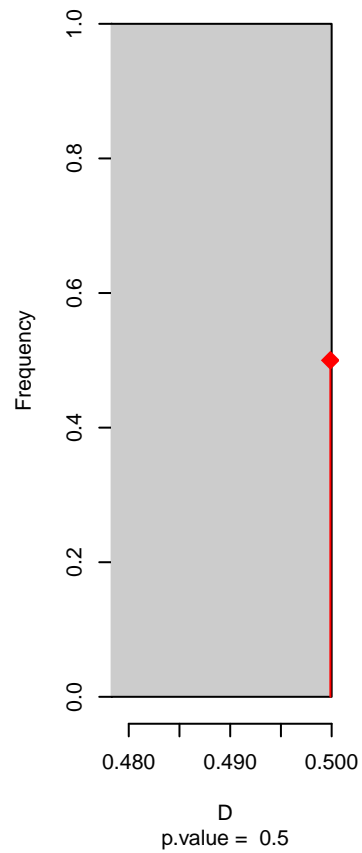


niche overlap:  
D= 0.5

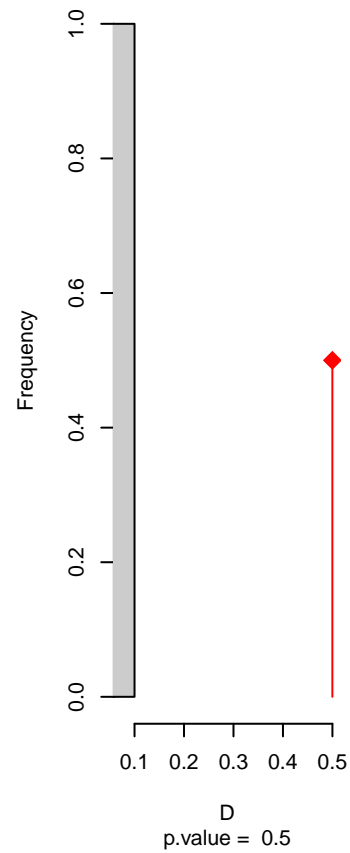
**Equivalency**



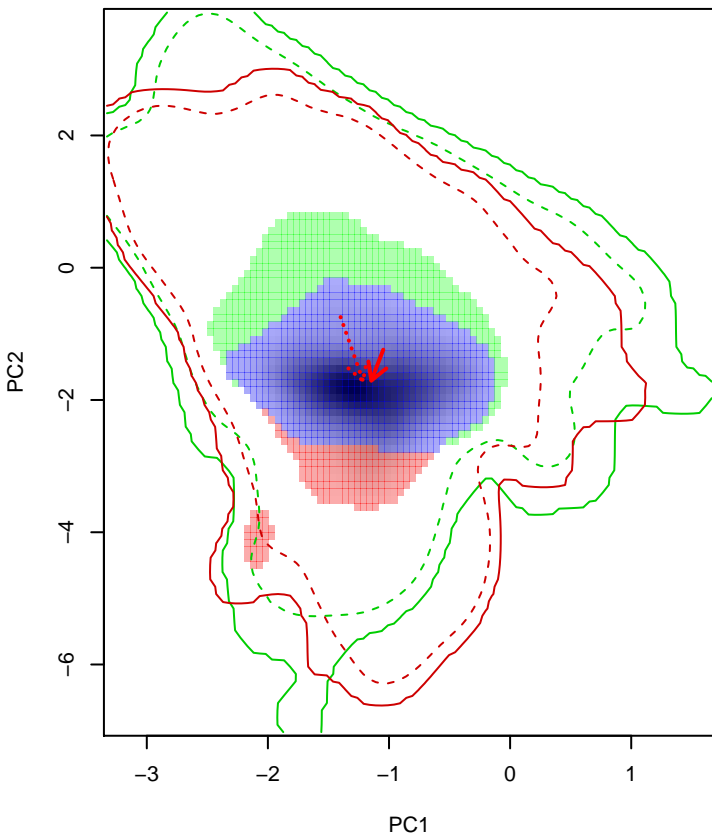
**Similarity 2→1**



**Similarity 1→2**

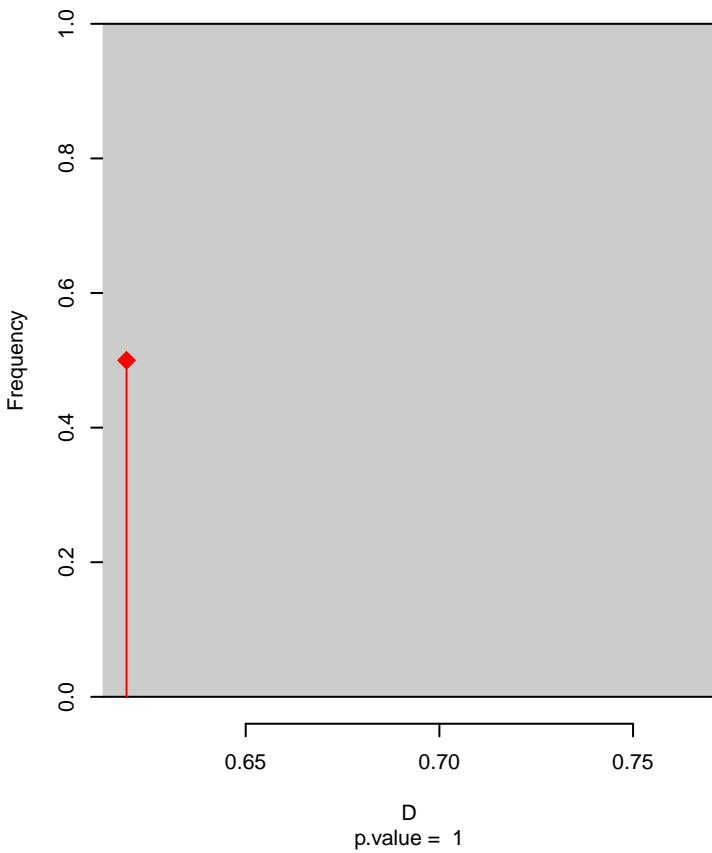


**Hylophilus\_poicilotis seasonal overlap**

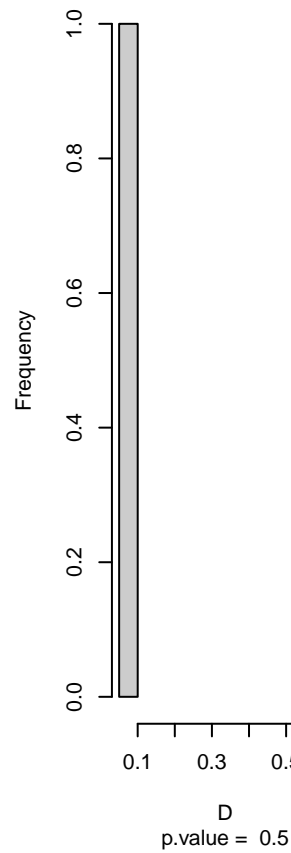


niche overlap:  
D= 0.619

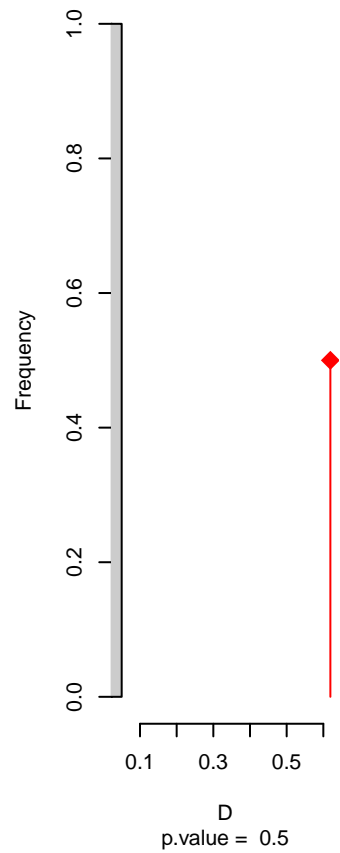
**Equivalency**



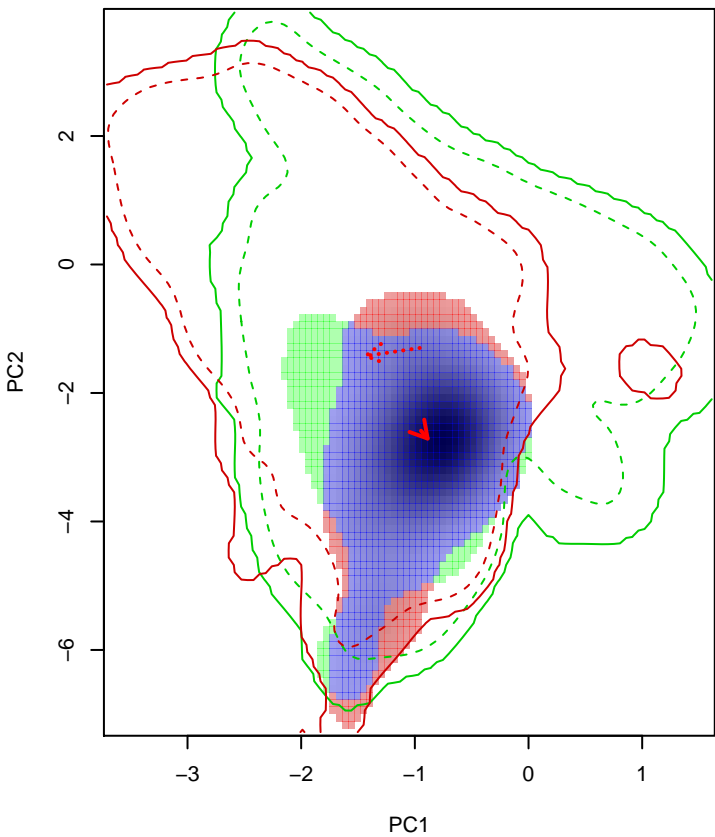
**Similarity 2->1**



**Similarity 1->2**

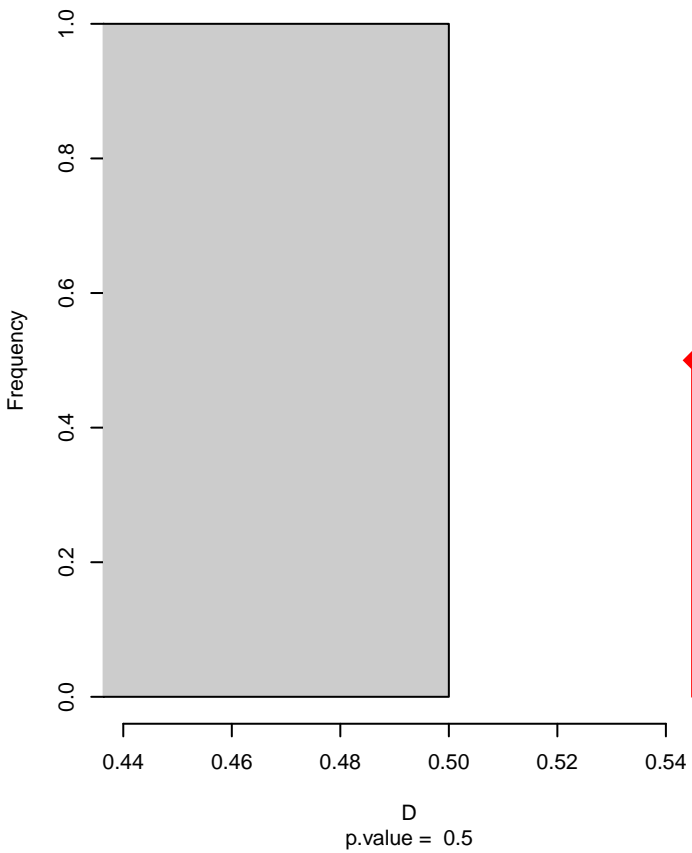


# Hylophilus\_semibrunneus seasonal overlap

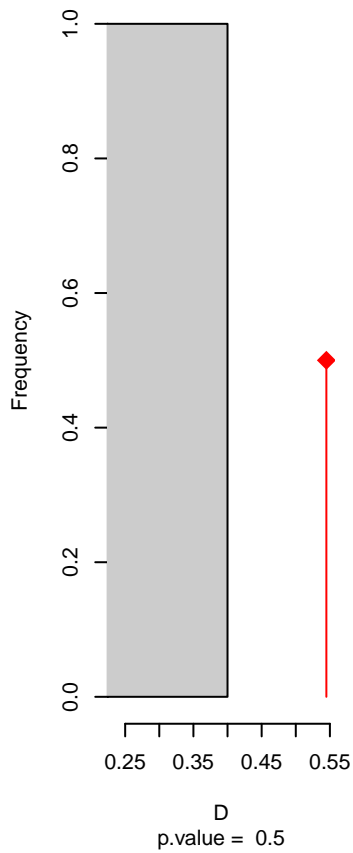


niche overlap:  
D= 0.545

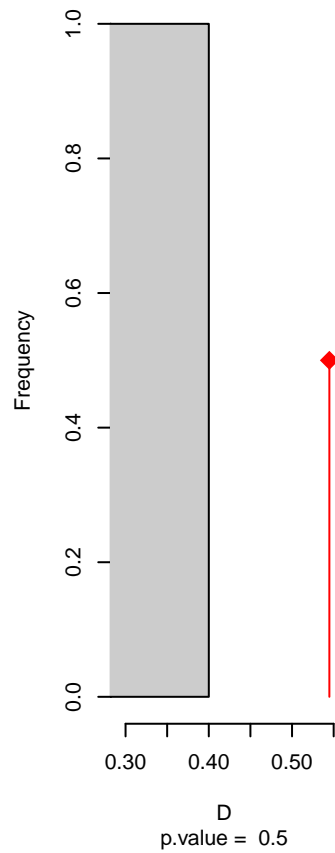
## Equivalency



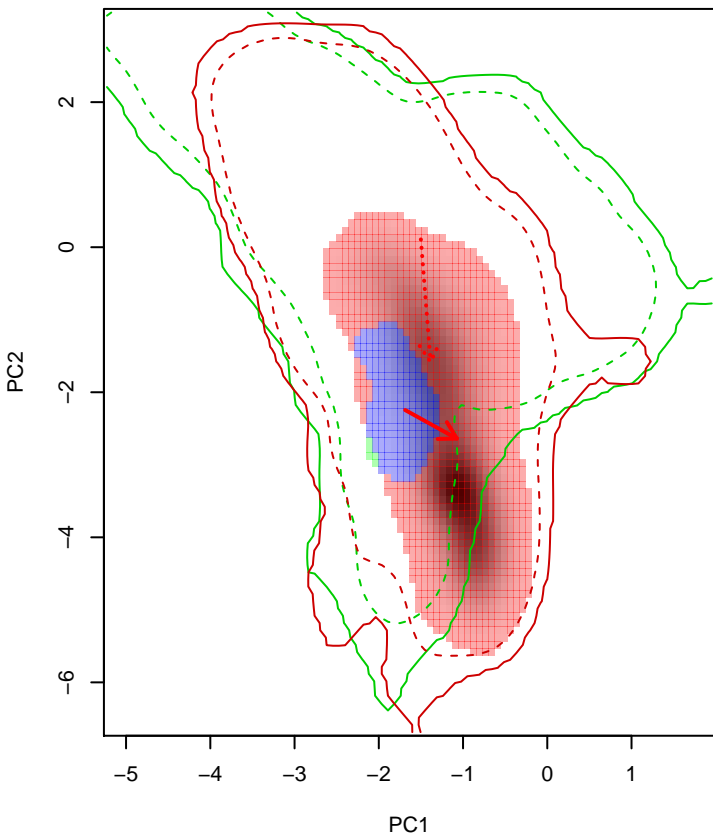
## Similarity 2->1



## Similarity 1->2

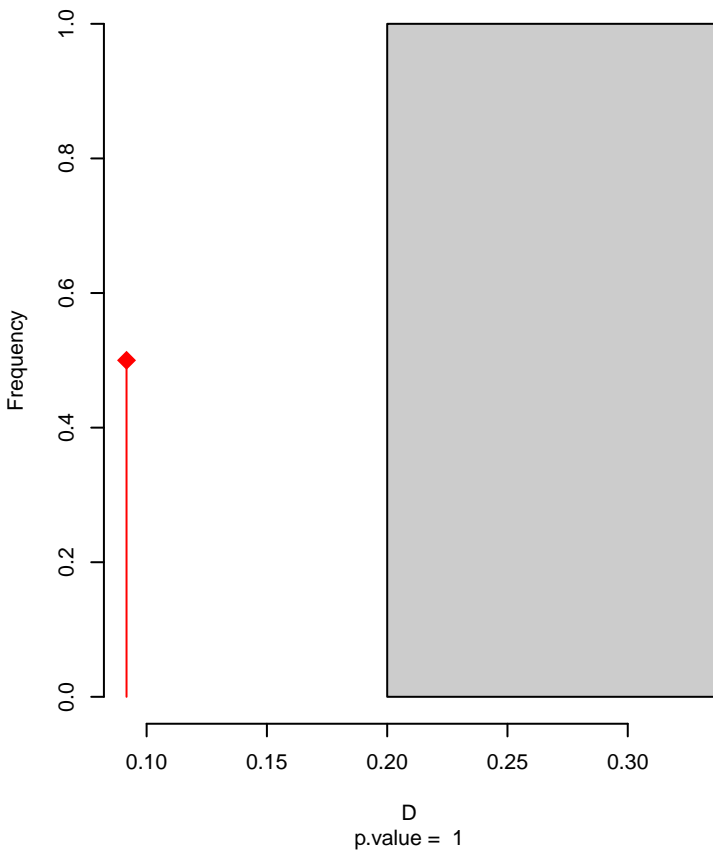


**Vireo\_altiloquus seasonal overlap**

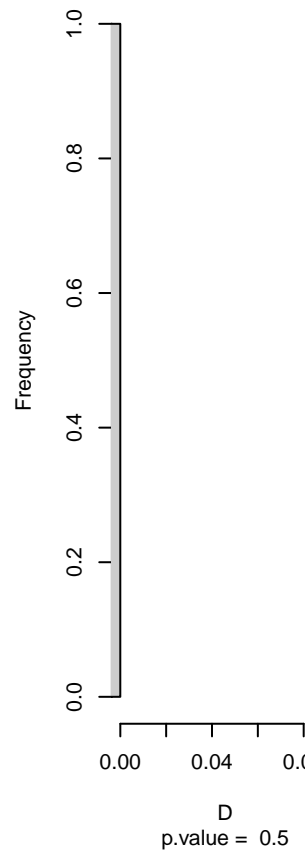


niche overlap:  
D= 0.092

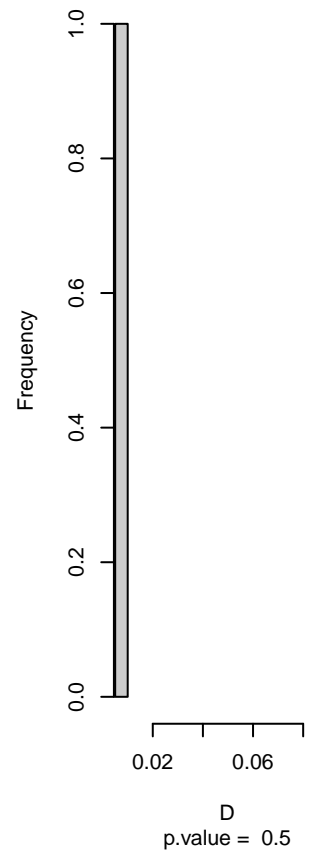
**Equivalency**



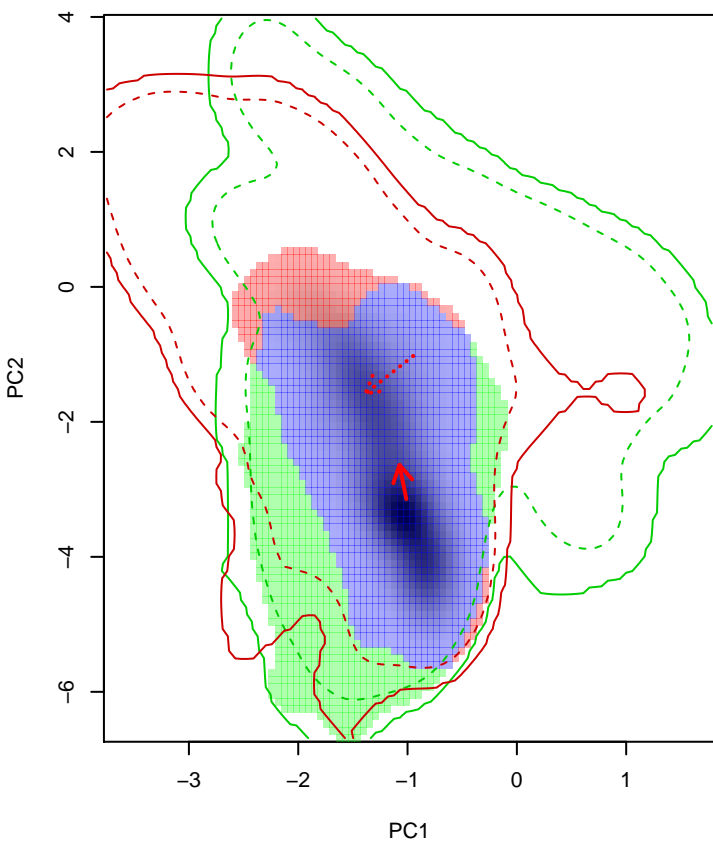
**Similarity 2->1**



**Similarity 1->2**

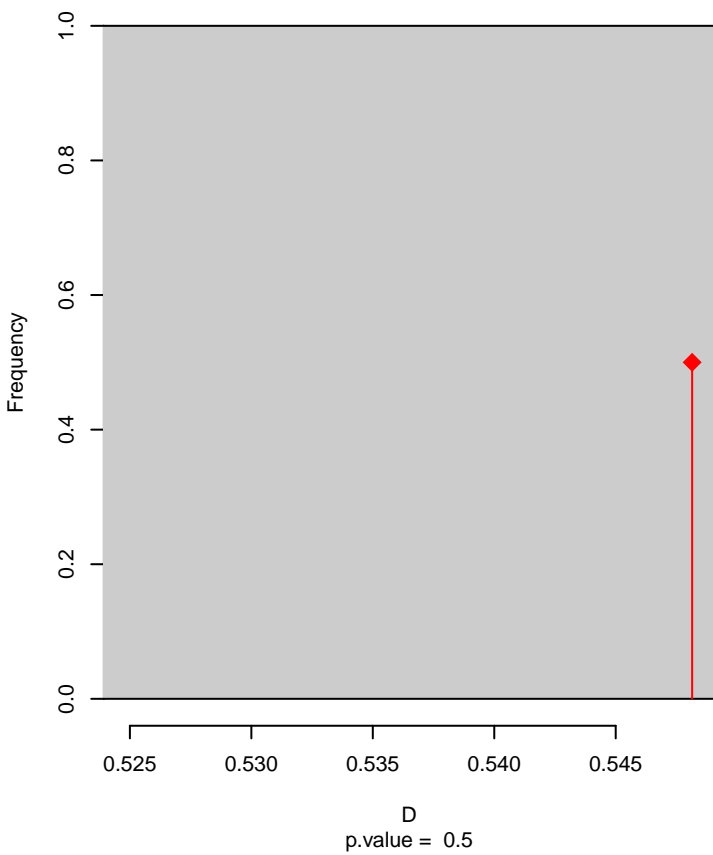


Vireo\_altiloquus seasonal overlap-hypo.br

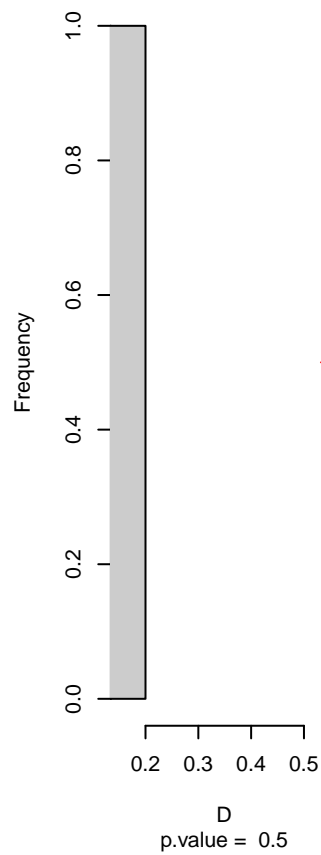


niche overlap:  
D= 0.548

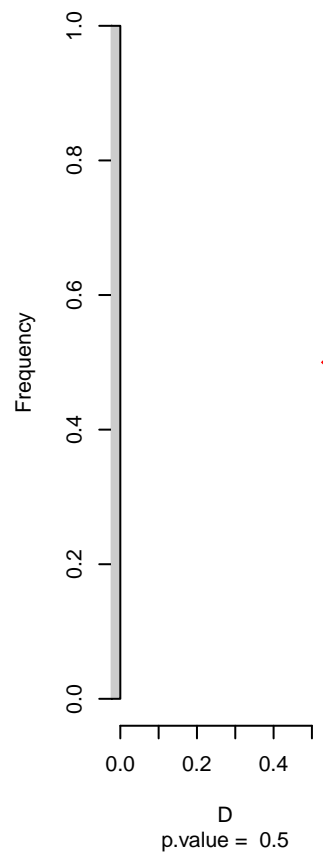
Equivalency



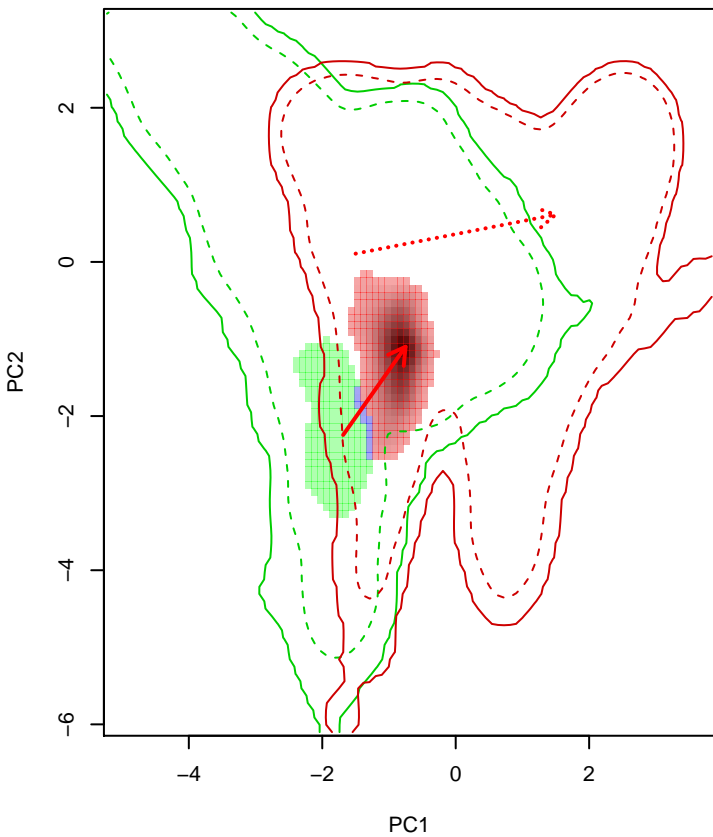
Similarity 2->1



Similarity 1->2

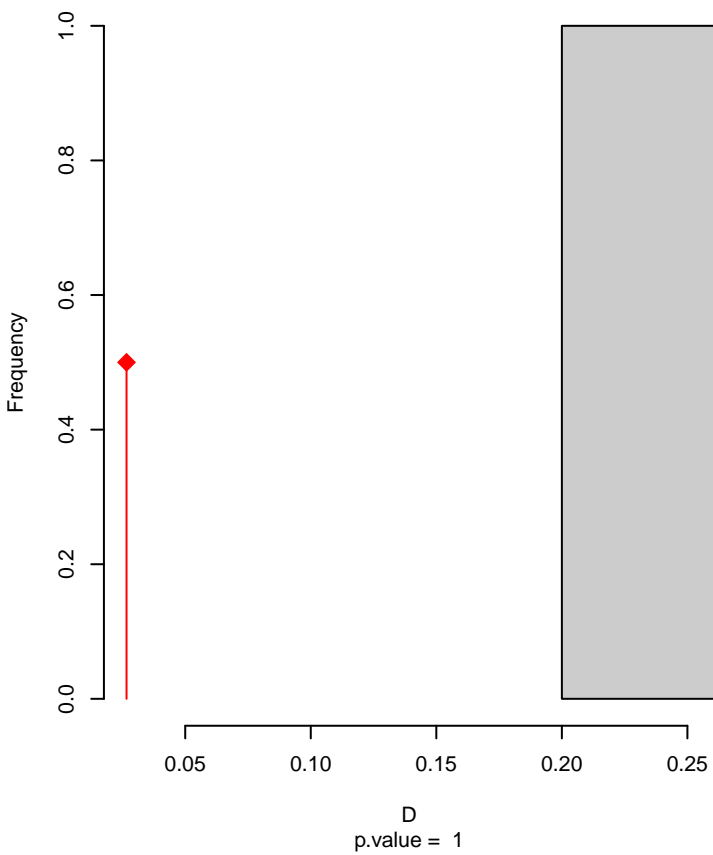


# Vireo\_altiloquus seasonal overlap-hypo wi

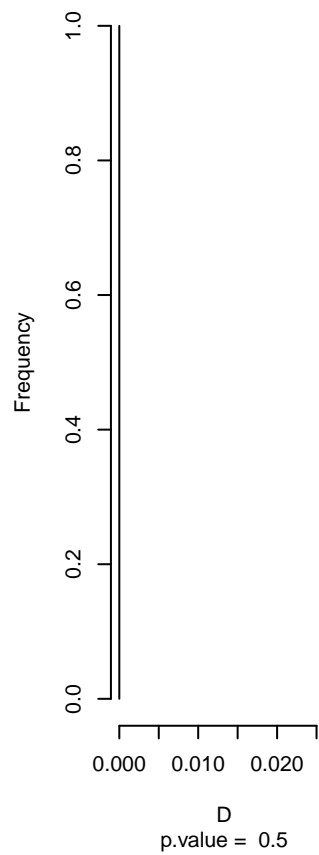


niche overlap:  
D= 0.027

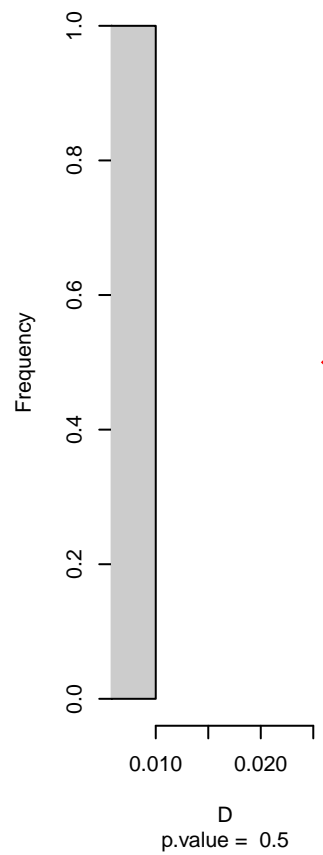
## Equivalency



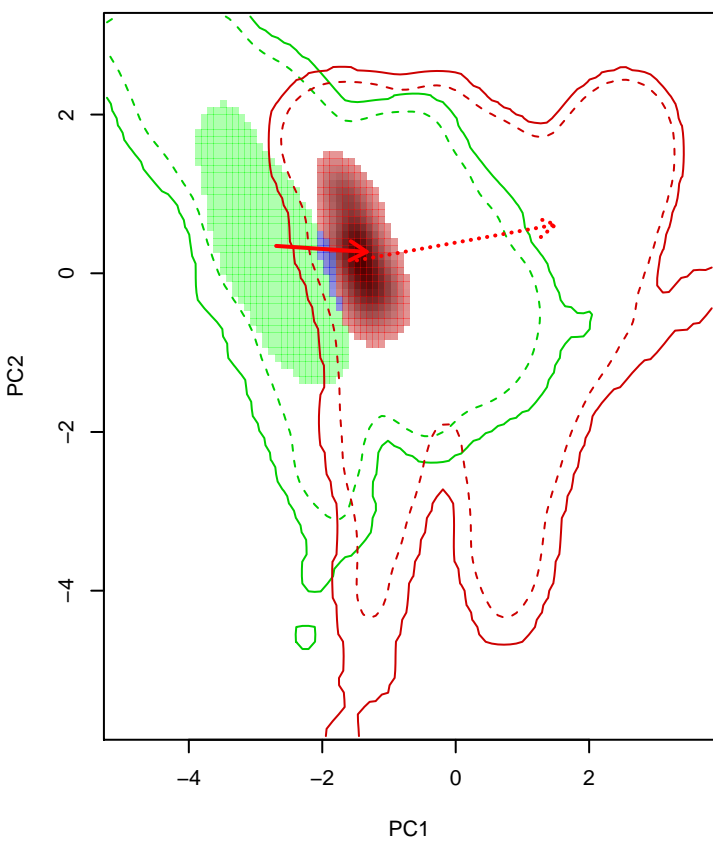
## Similarity 2->1



## Similarity 1->2

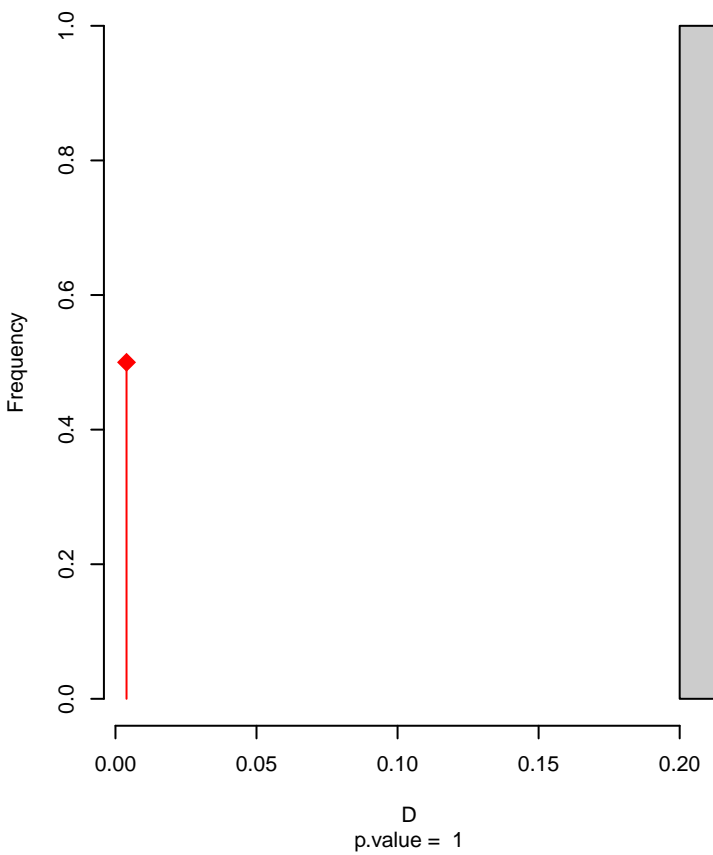


**Vireo\_atricapilla seasonal overlap**

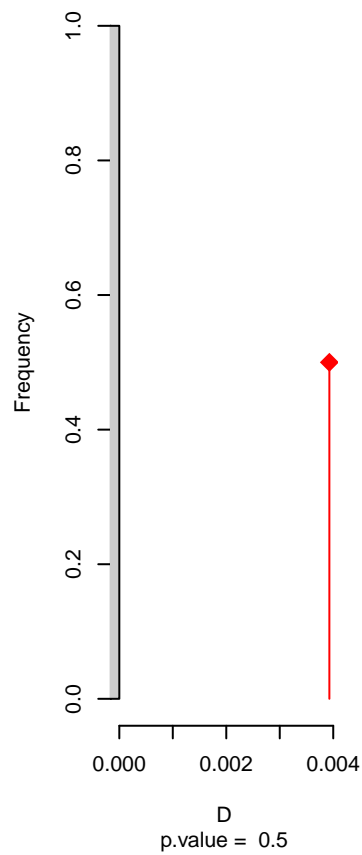


niche overlap:  
D= 0.004

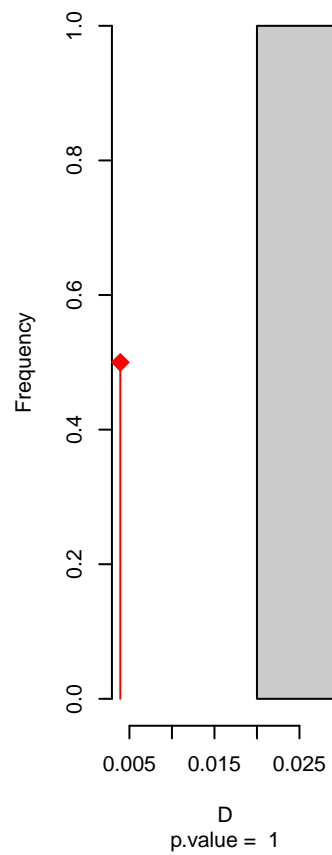
**Equivalency**



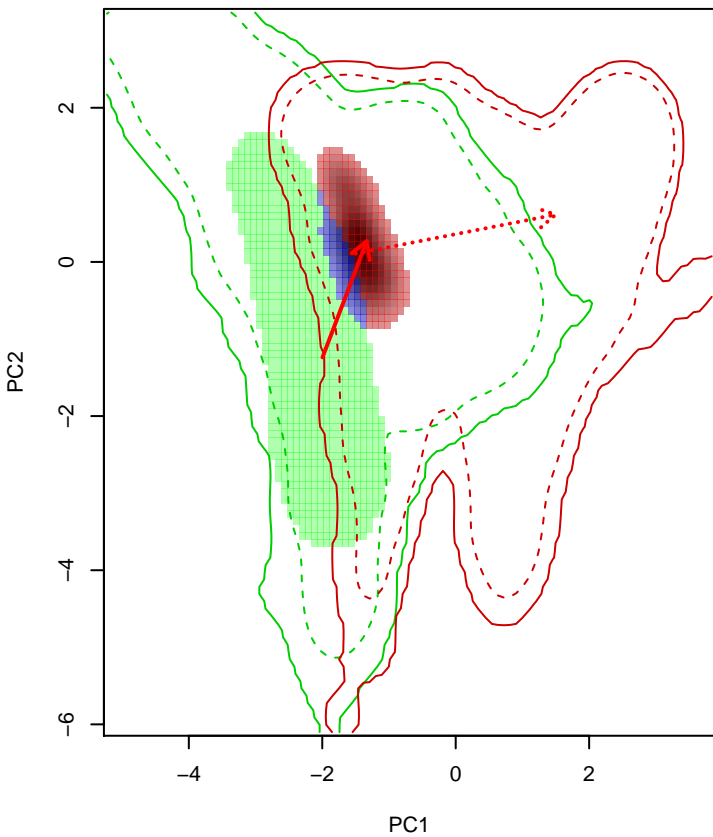
**Similarity 2->1**



**Similarity 1->2**

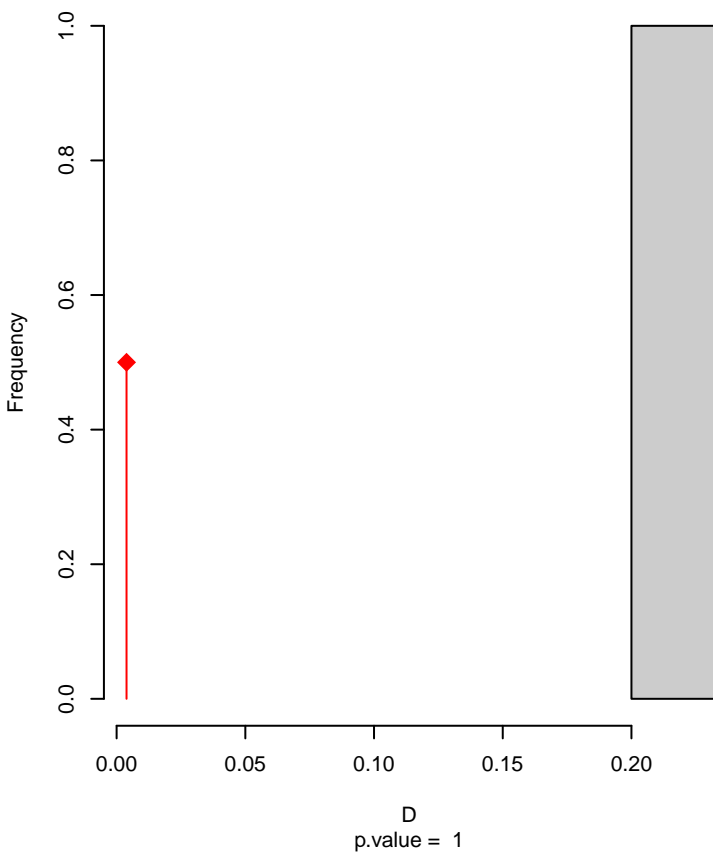


Vireo\_atricapilla seasonal overlap-hypo.br

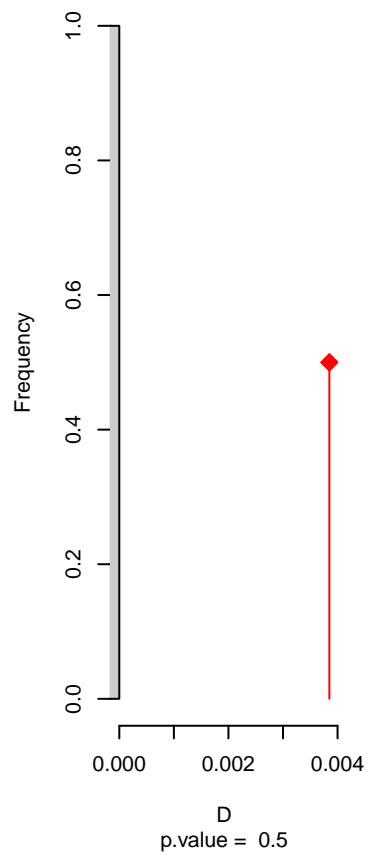


niche overlap:  
D= 0.004

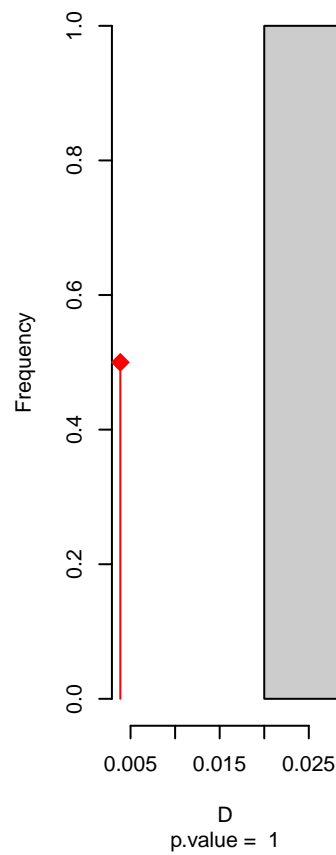
Equivalency



Similarity 2->1

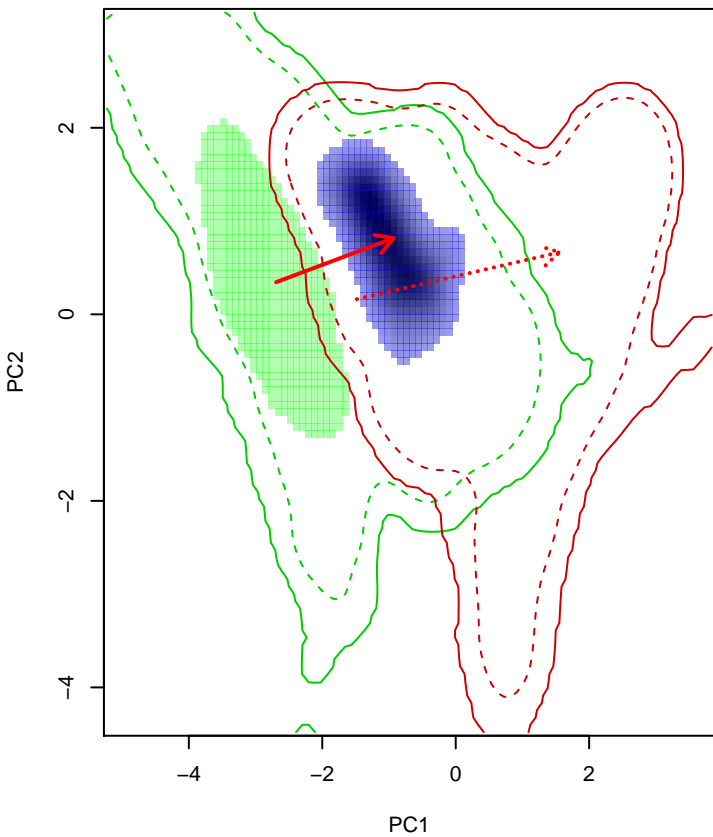


Similarity 1->2



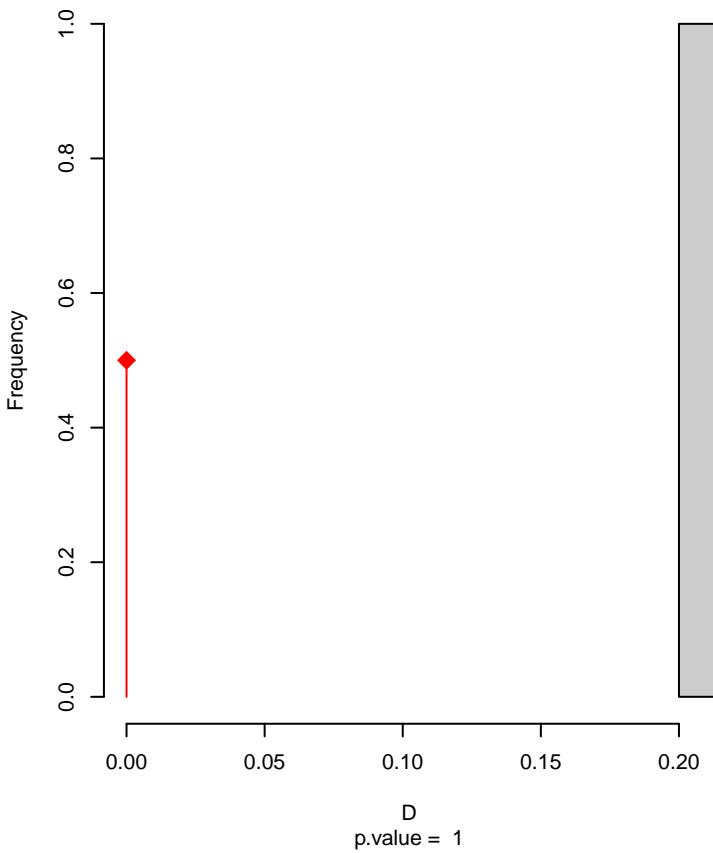


Vireo\_atricapilla seasonal overlap-hypo wi

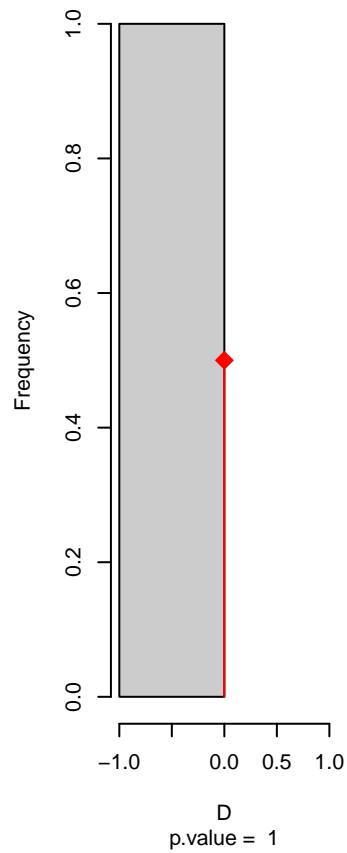


niche overlap:  
D= 0

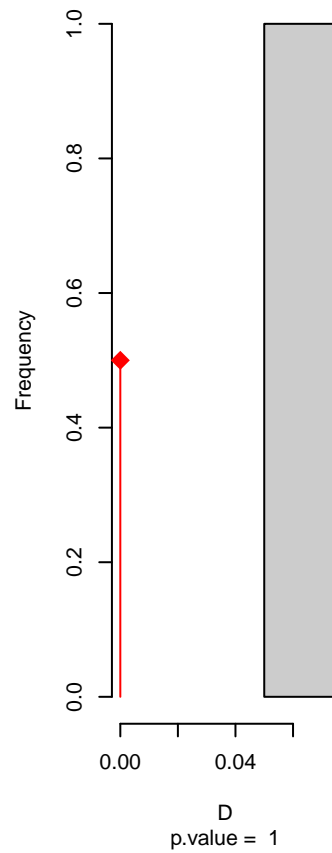
Equivalency



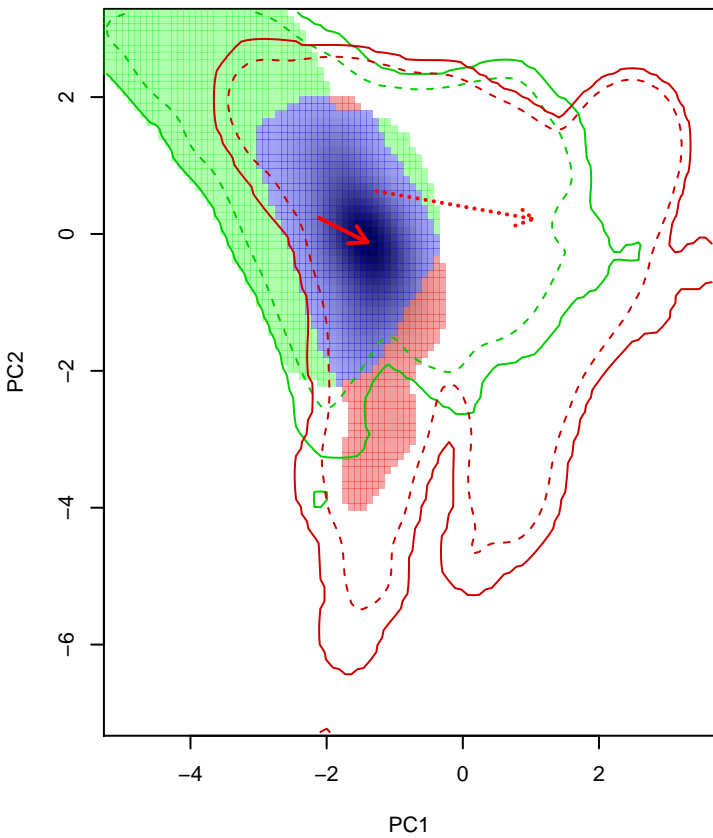
Similarity 2->1



Similarity 1->2

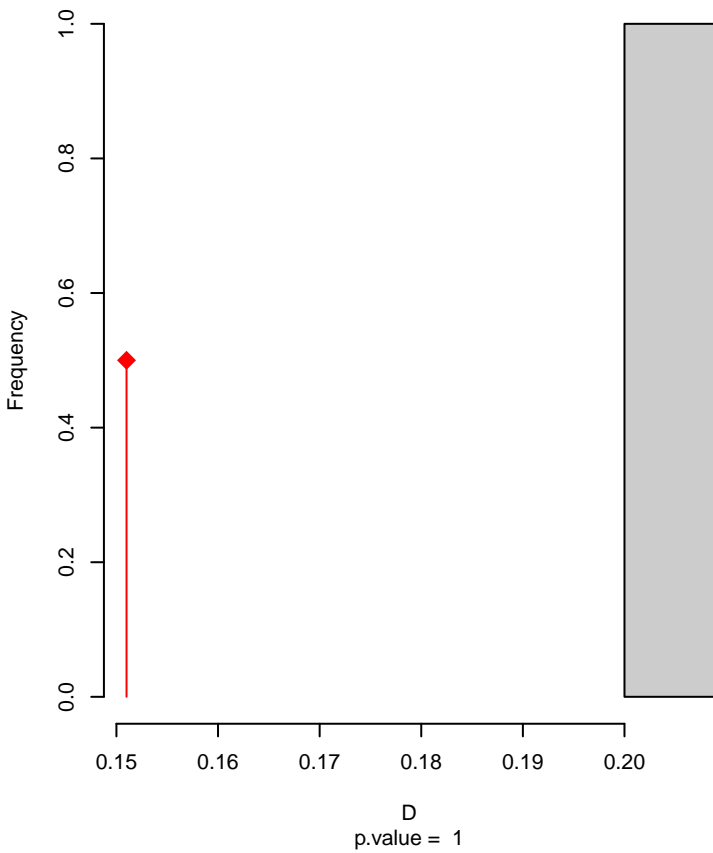


**Vireo\_bellii seasonal overlap**

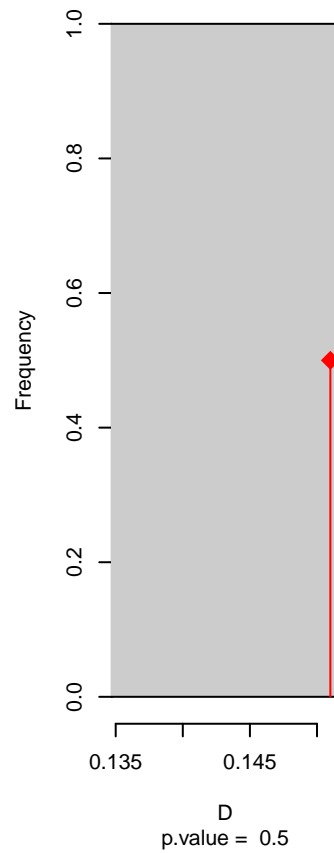


niche overlap:  
D= 0.151

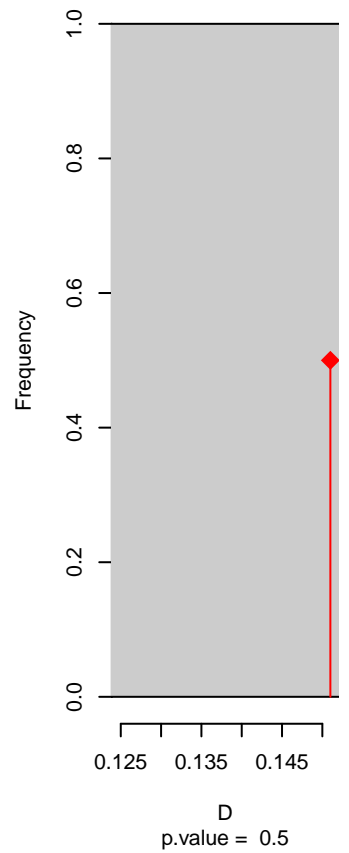
**Equivalency**



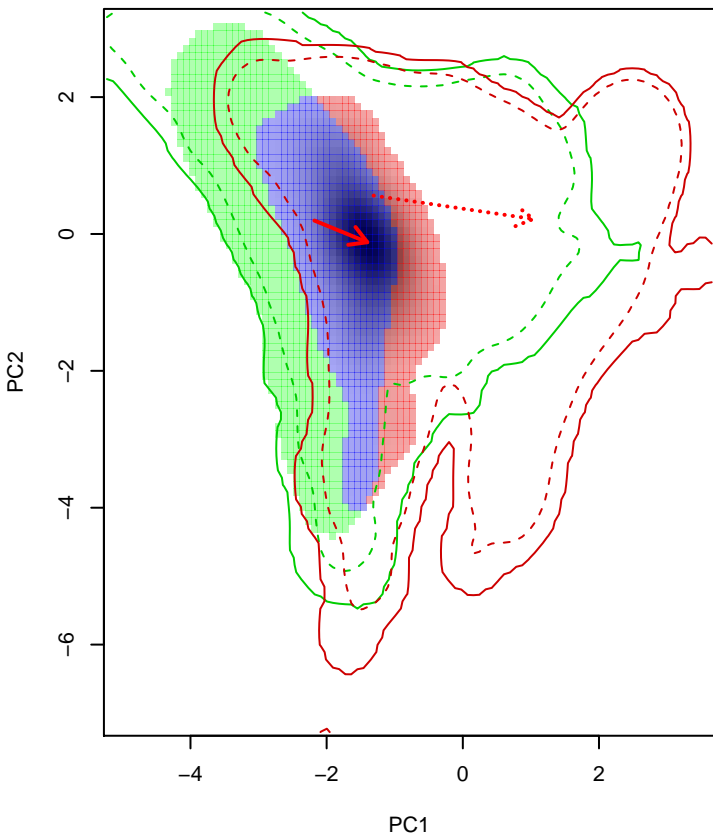
**Similarity 2→1**



**Similarity 1→2**

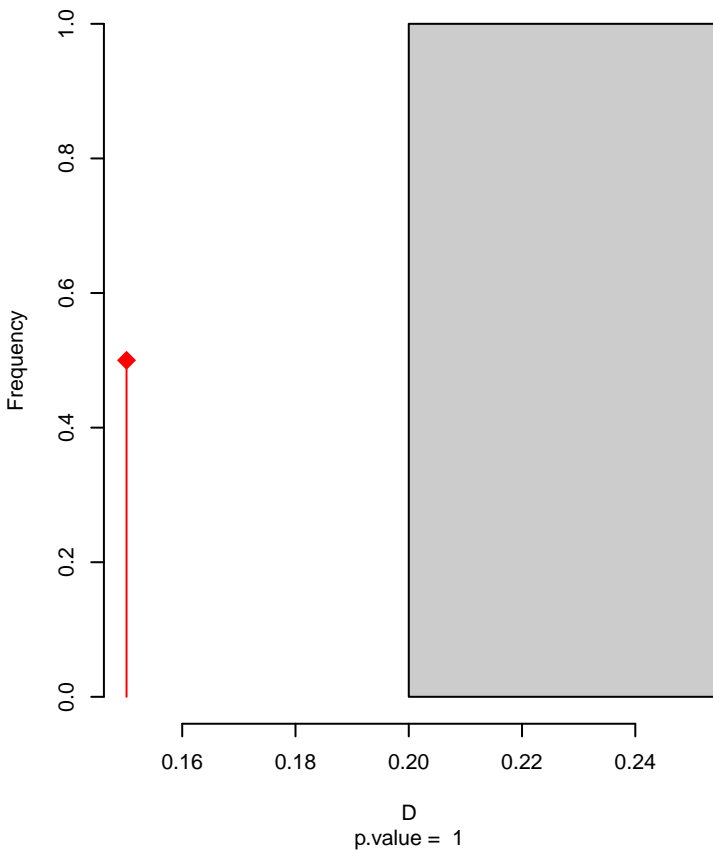


Vireo\_bellii seasonal overlap-hypo.br

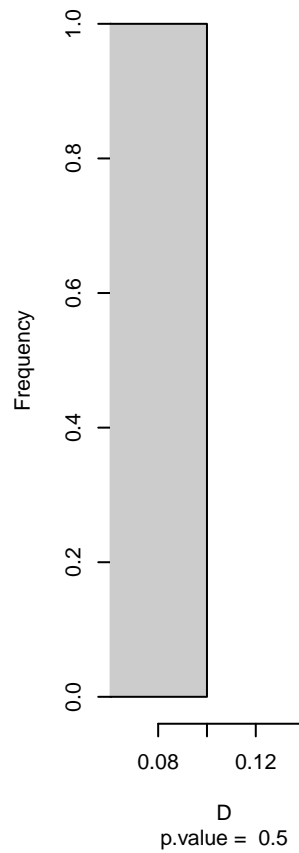


niche overlap:  
D= 0.15

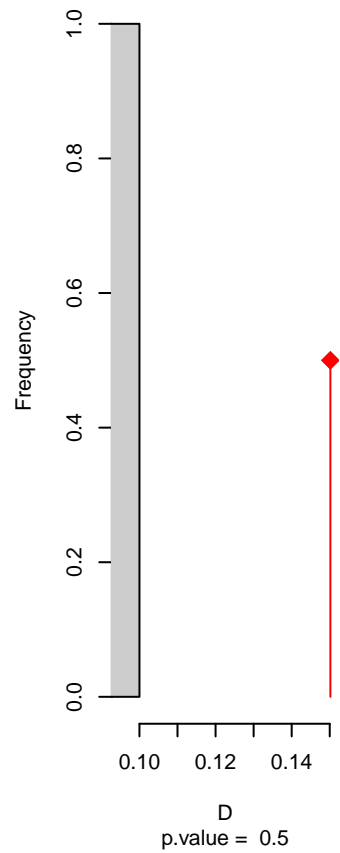
Equivalency



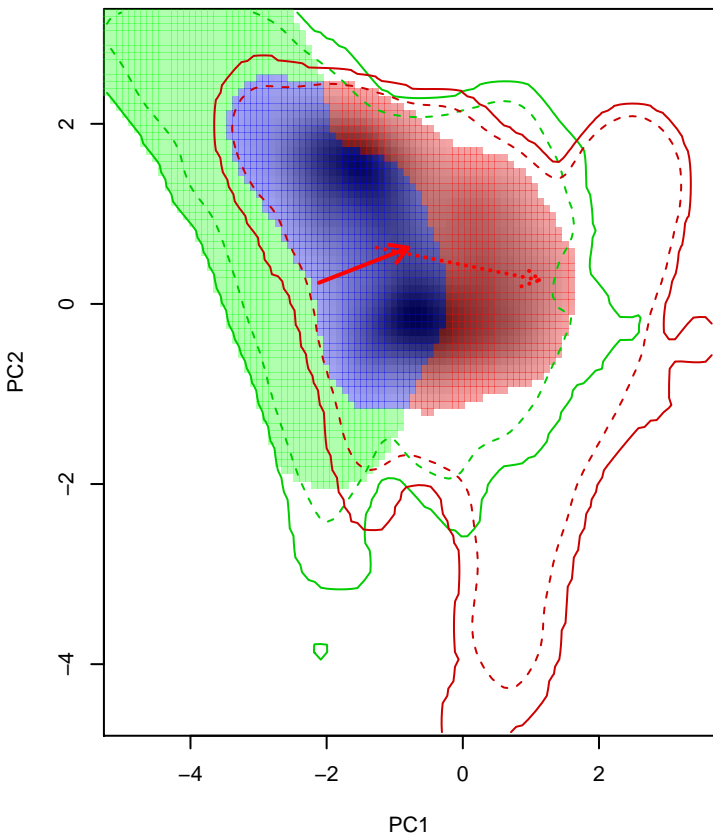
Similarity 2->1



Similarity 1->2

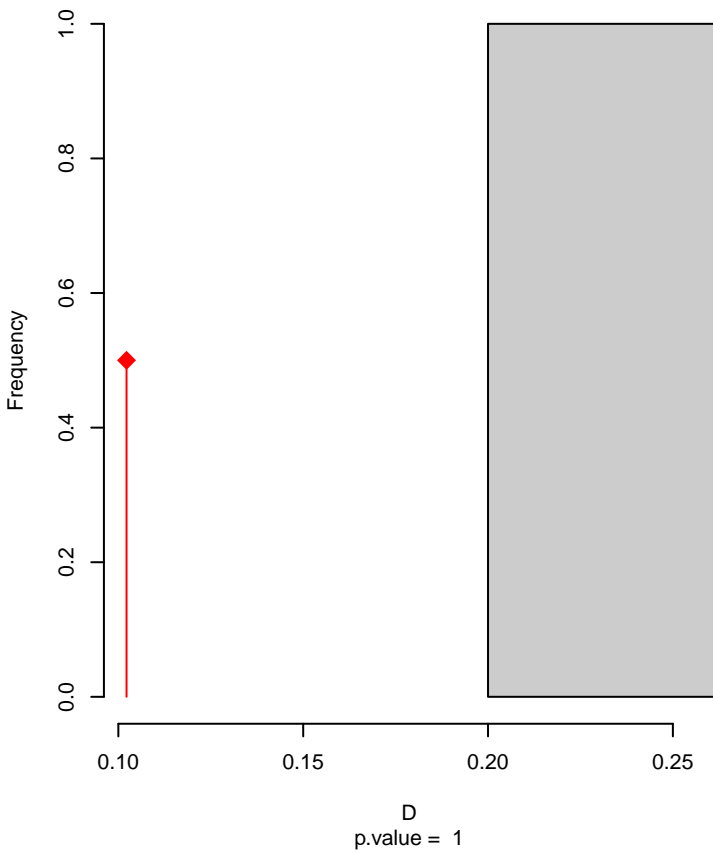


Vireo\_bellii seasonal overlap-hypo wi

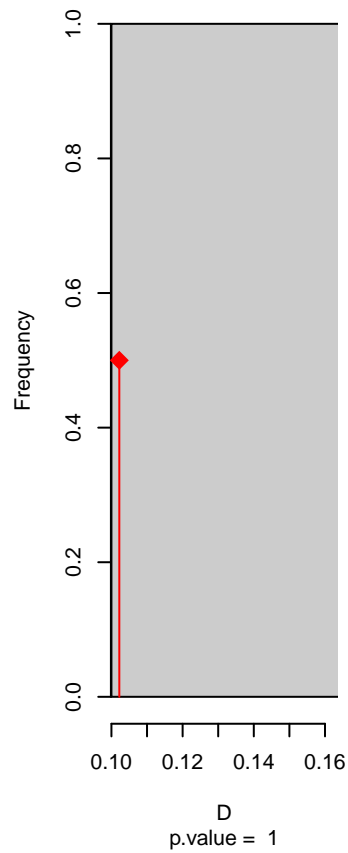


niche overlap:  
D= 0.102

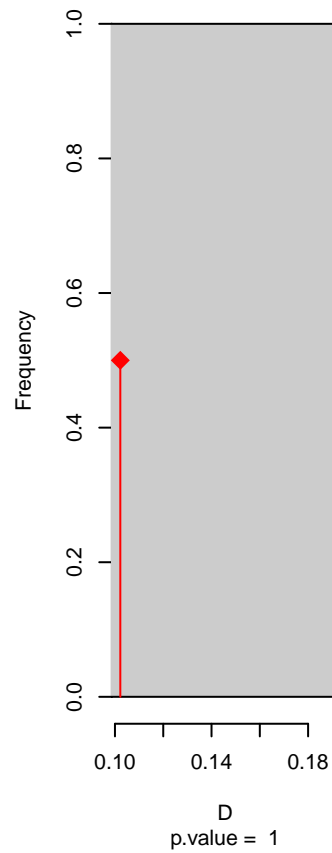
Equivalency



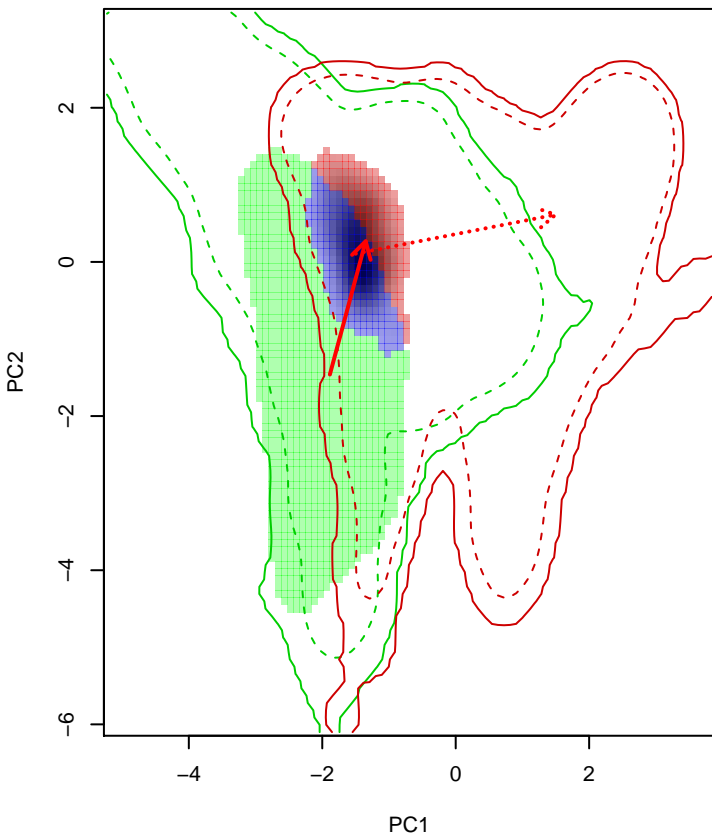
Similarity 2->1



Similarity 1->2

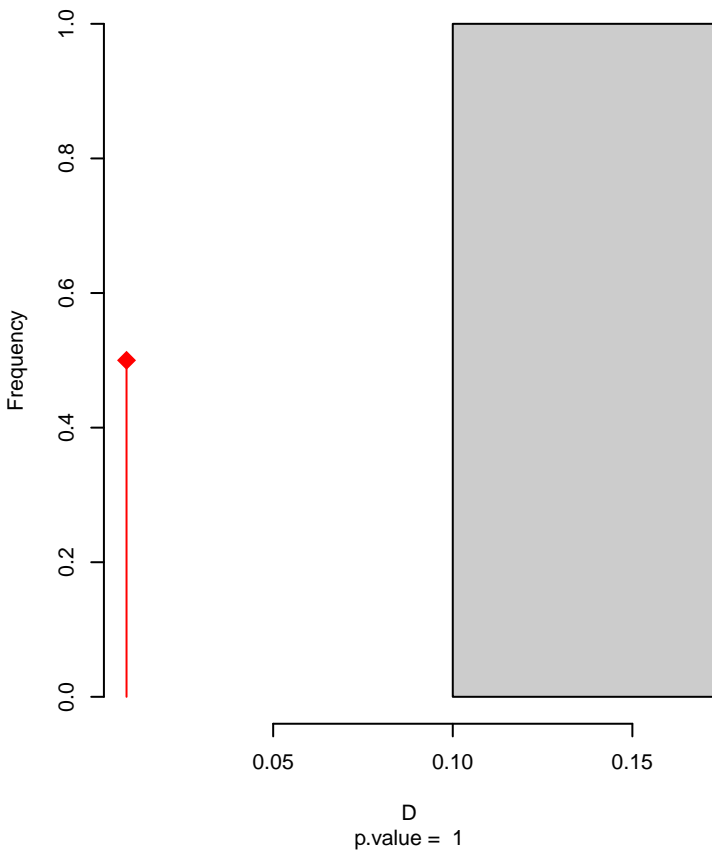


**Vireo\_brevipennis seasonal overlap**

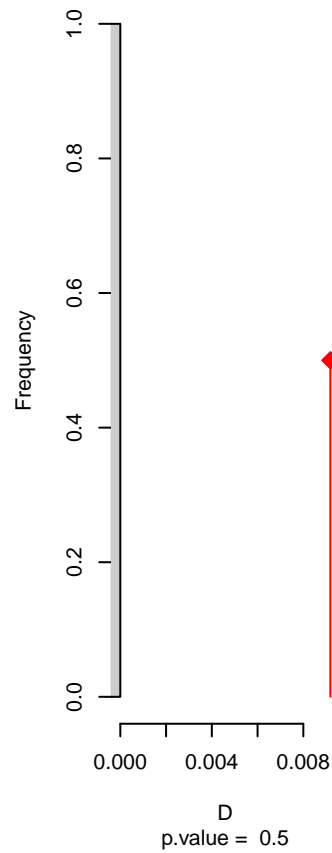


niche overlap:  
D= 0.009

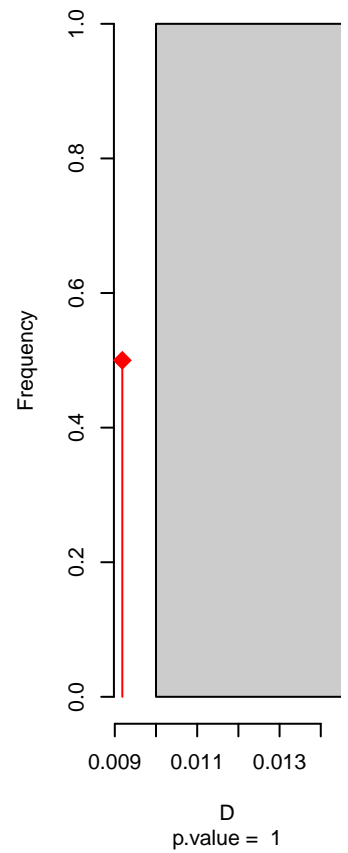
**Equivalency**



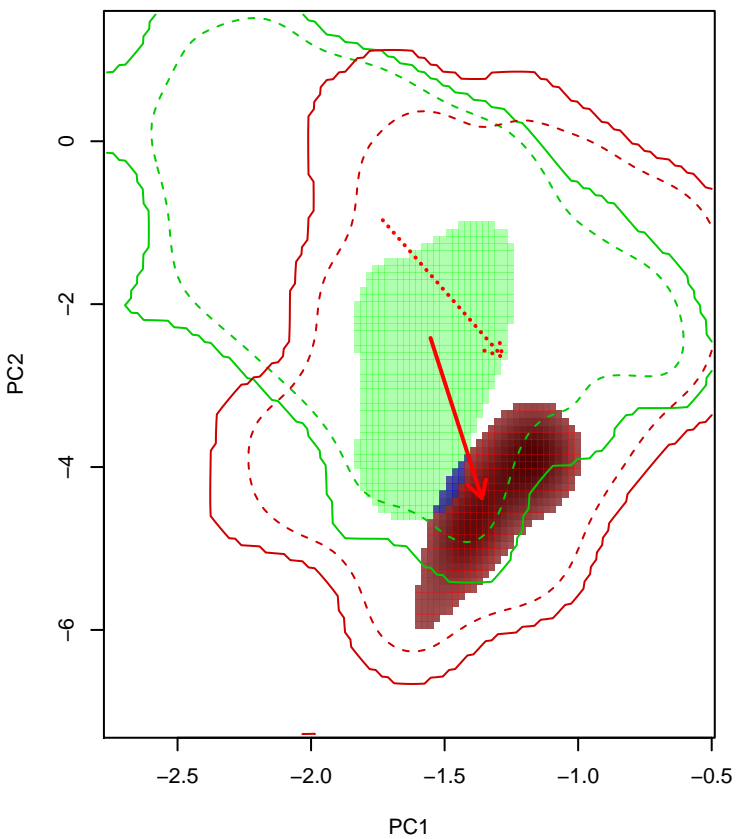
**Similarity 2→1**



**Similarity 1→2**

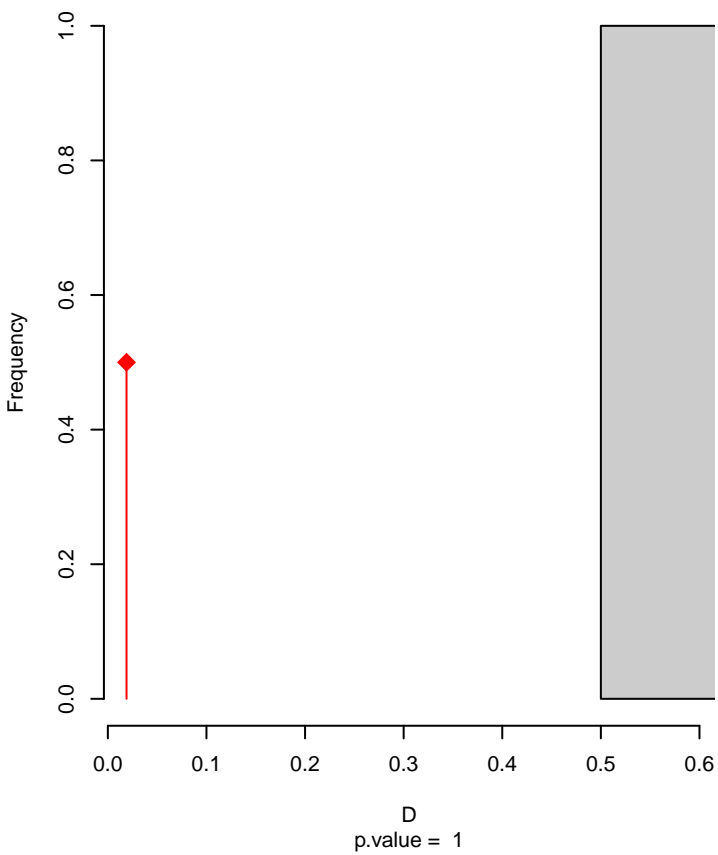


Vireo\_carmioli seasonal overlap

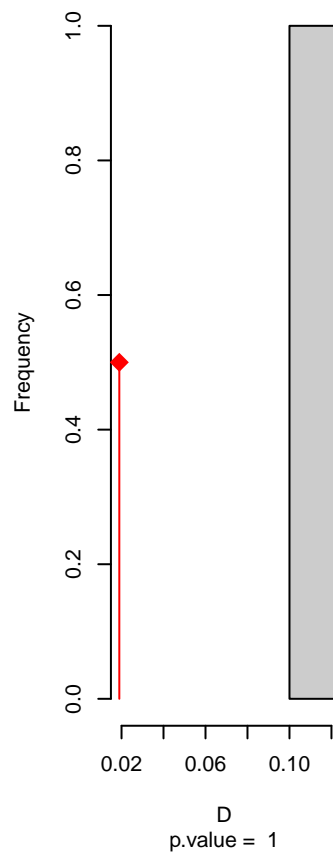


niche overlap:  
D= 0.019

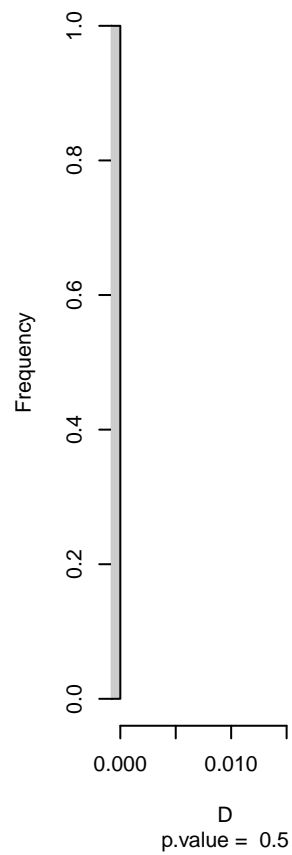
Equivalency



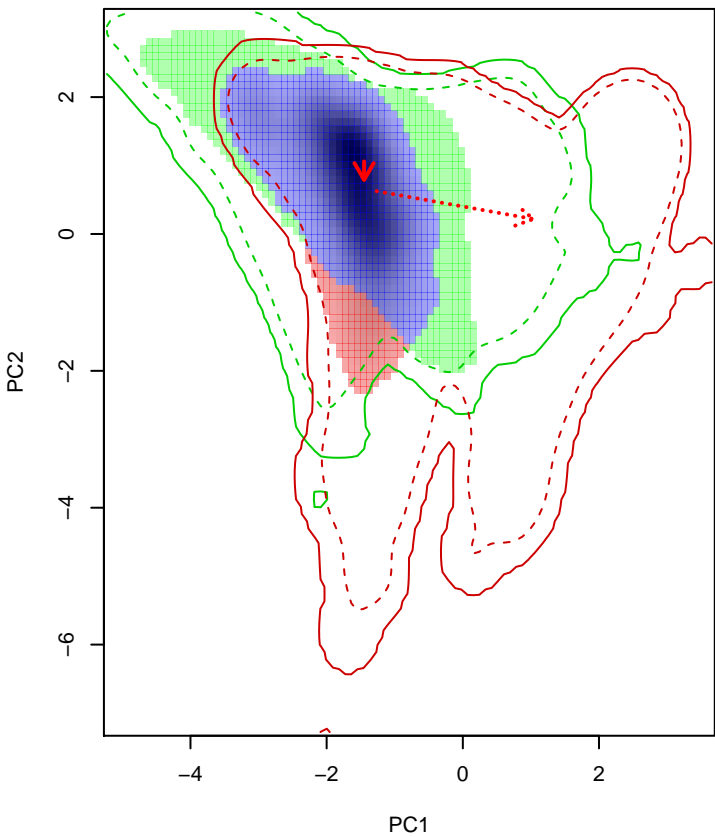
Similarity 2->1



Similarity 1->2

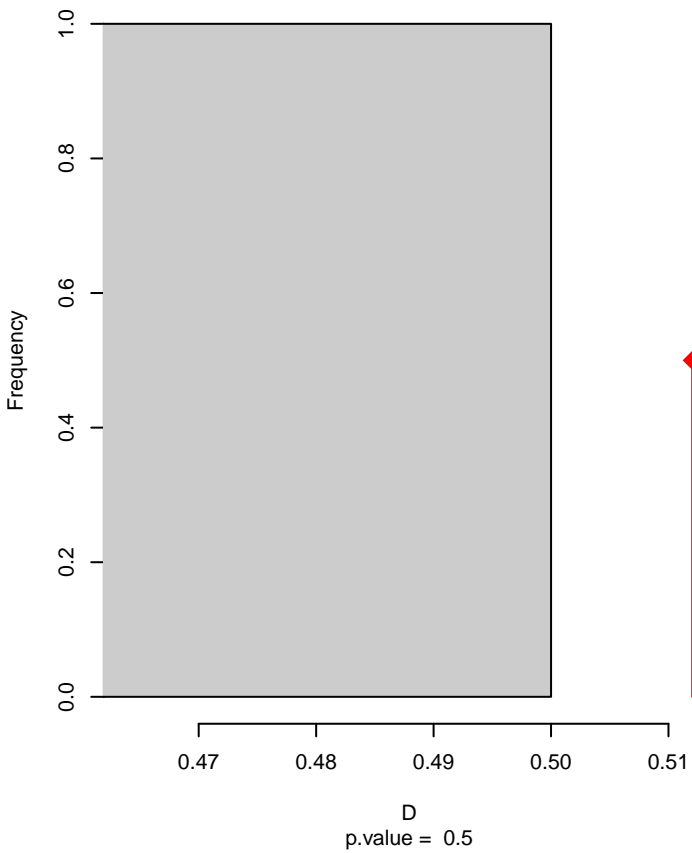


Vireo\_cassinii seasonal overlap

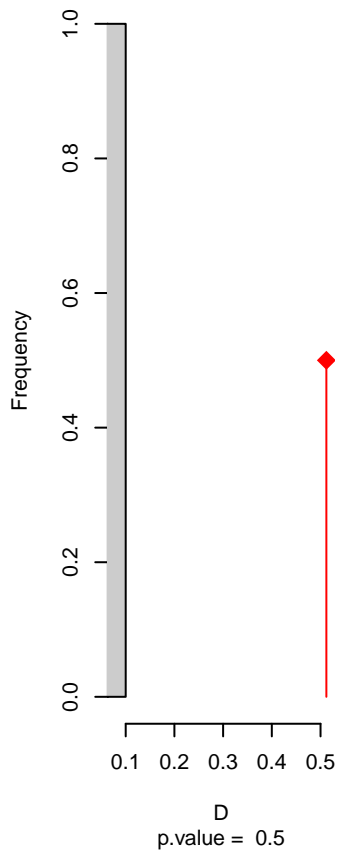


niche overlap:  
D= 0.512

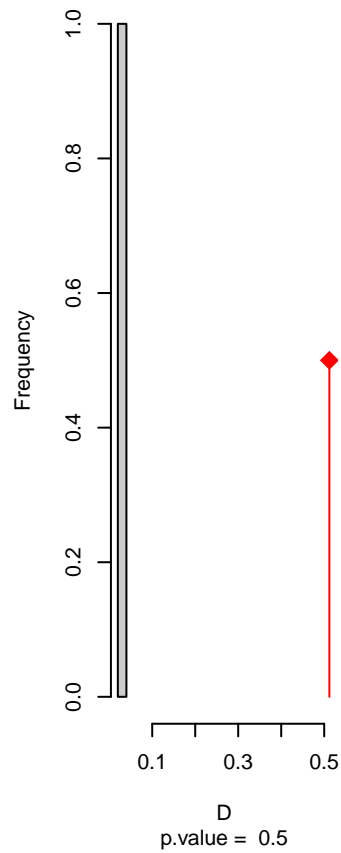
Equivalency



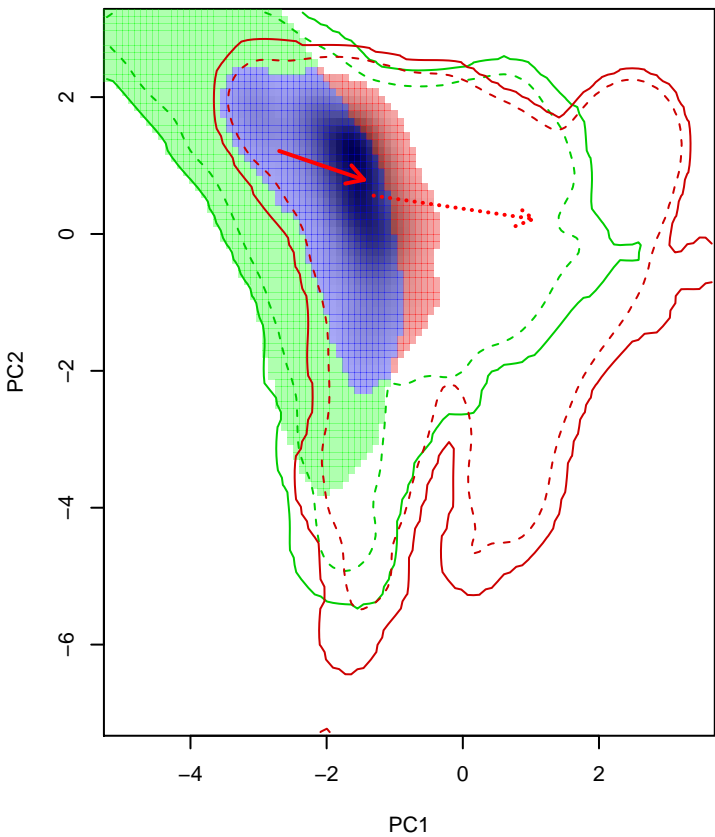
Similarity 2-->1



Similarity 1-->2

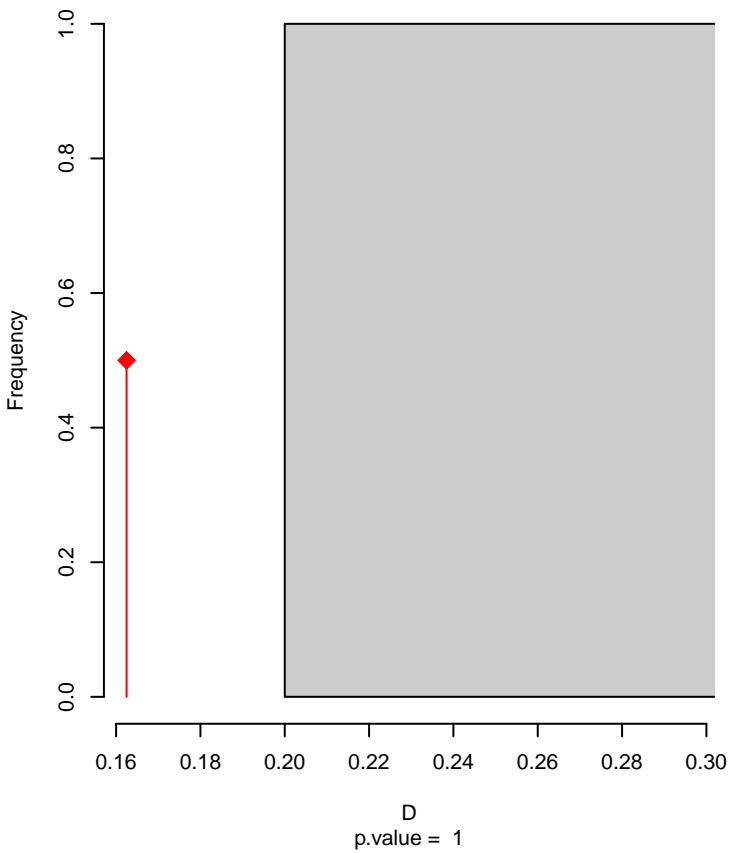


**Vireo\_cassinii seasonal overlap-hypo.br**

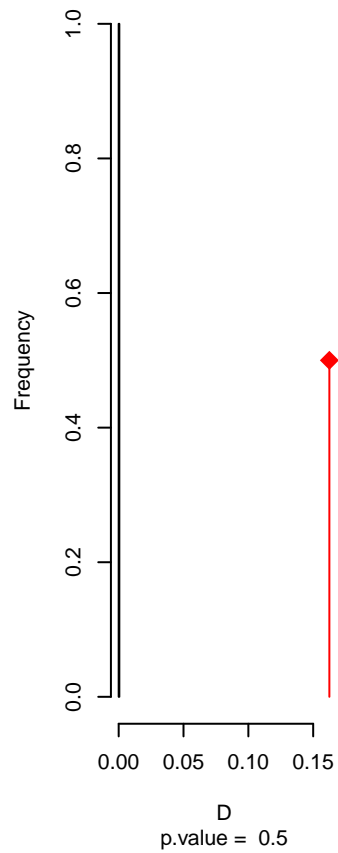


niche overlap:  
D= 0.162

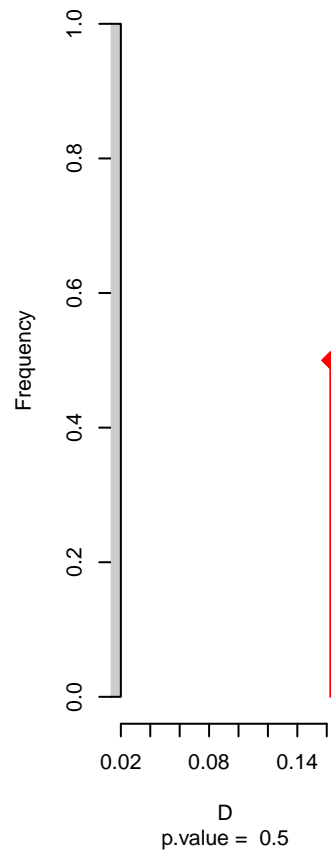
**Equivalency**



**Similarity 2->1**

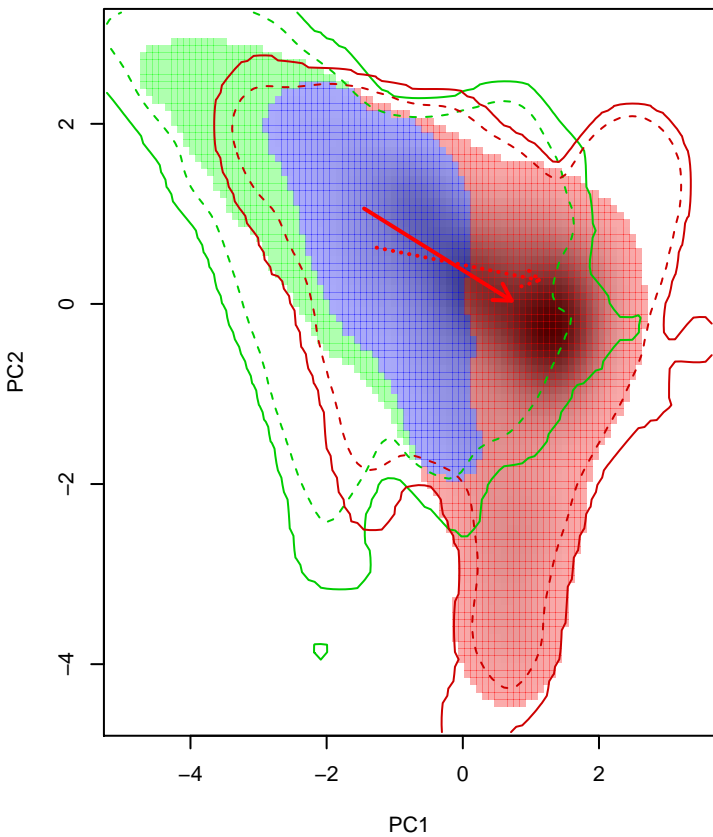


**Similarity 1->2**



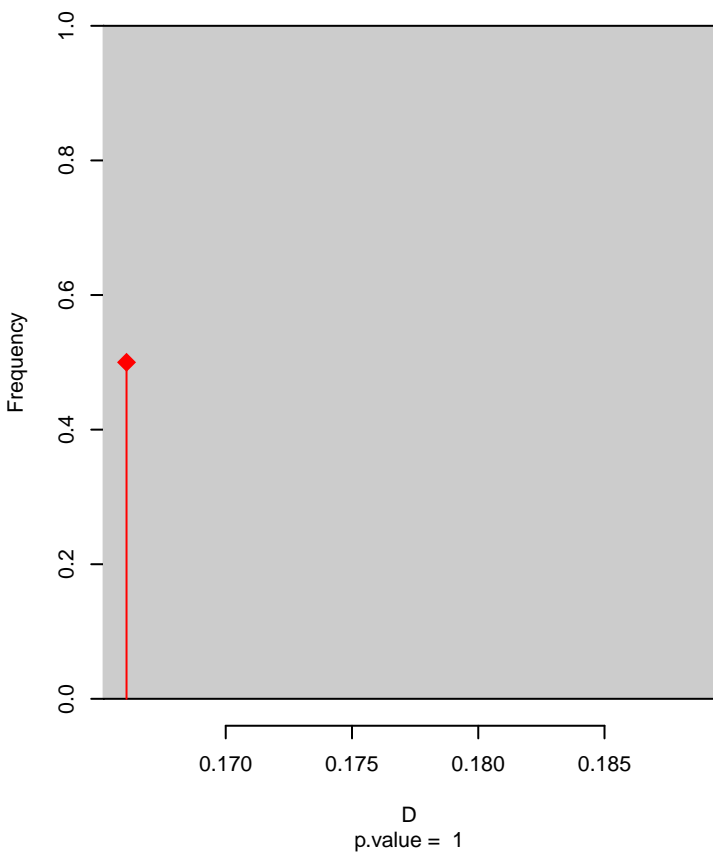


**Vireo\_cassinii seasonal overlap—hypo wi**

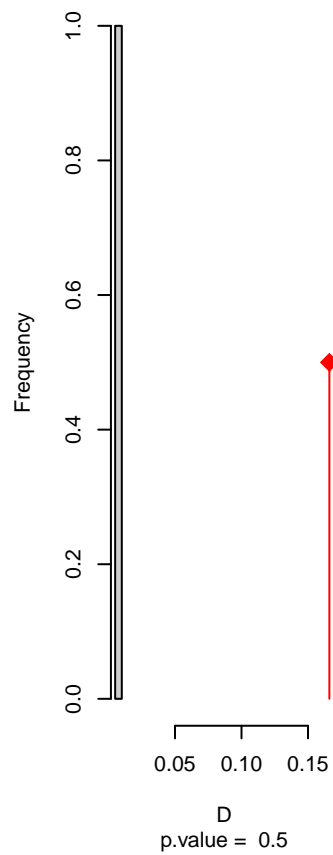


niche overlap:  
D= 0.166

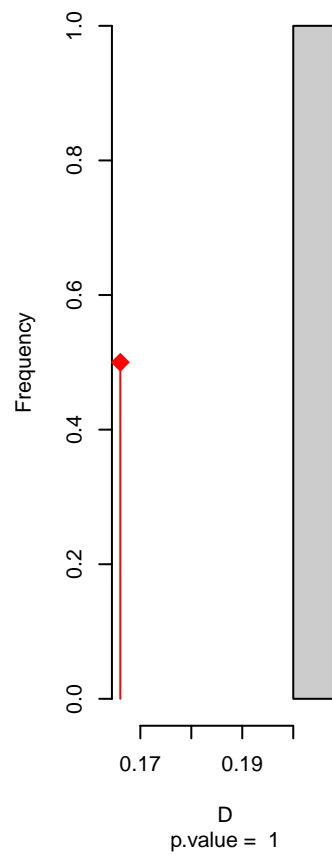
**Equivalency**



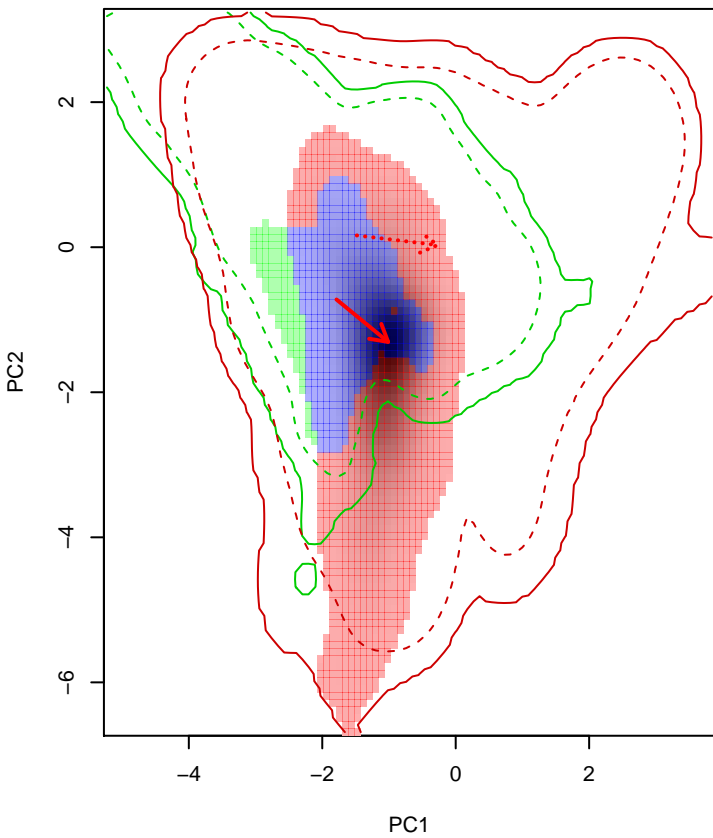
**Similarity 2→1**



**Similarity 1→2**

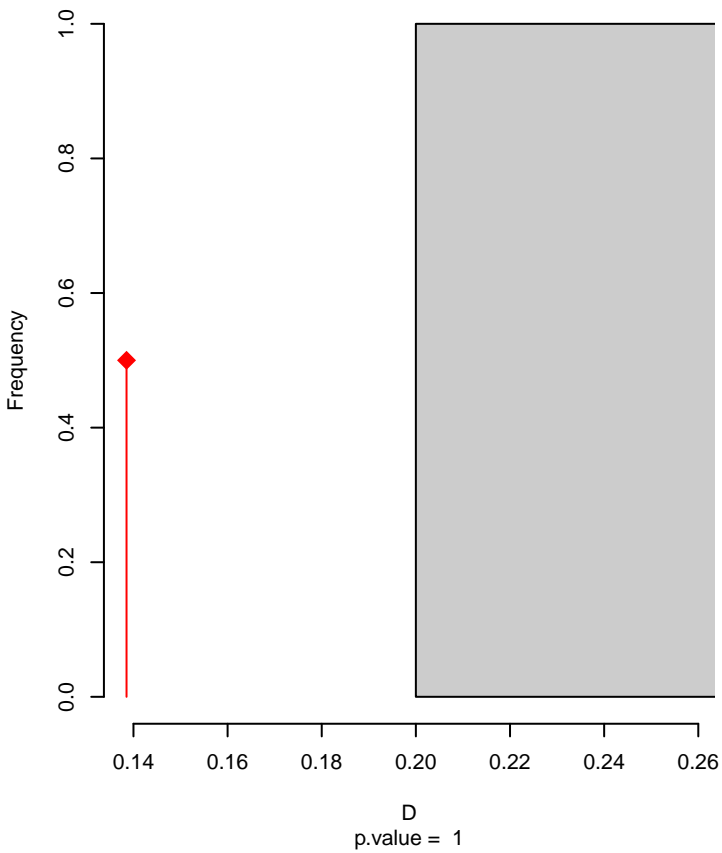


**Vireo\_flavifrons seasonal overlap**

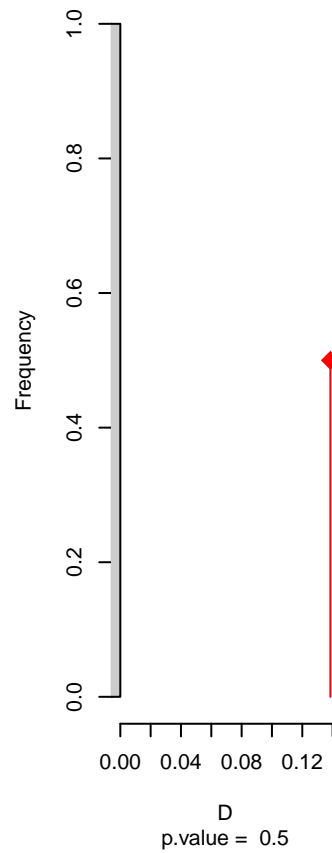


niche overlap:  
D= 0.139

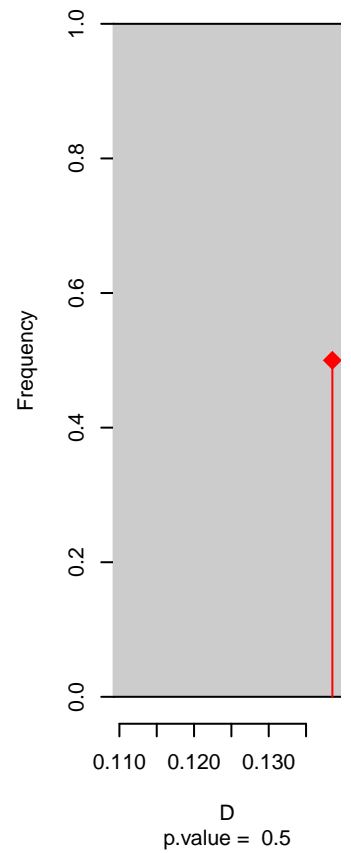
**Equivalency**



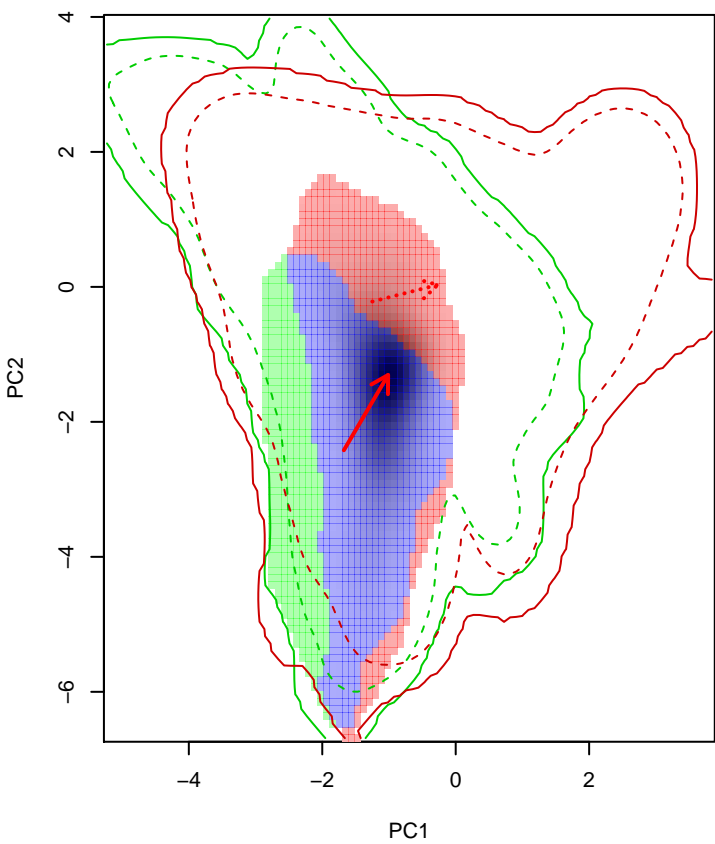
**Similarity 2→1**



**Similarity 1→2**

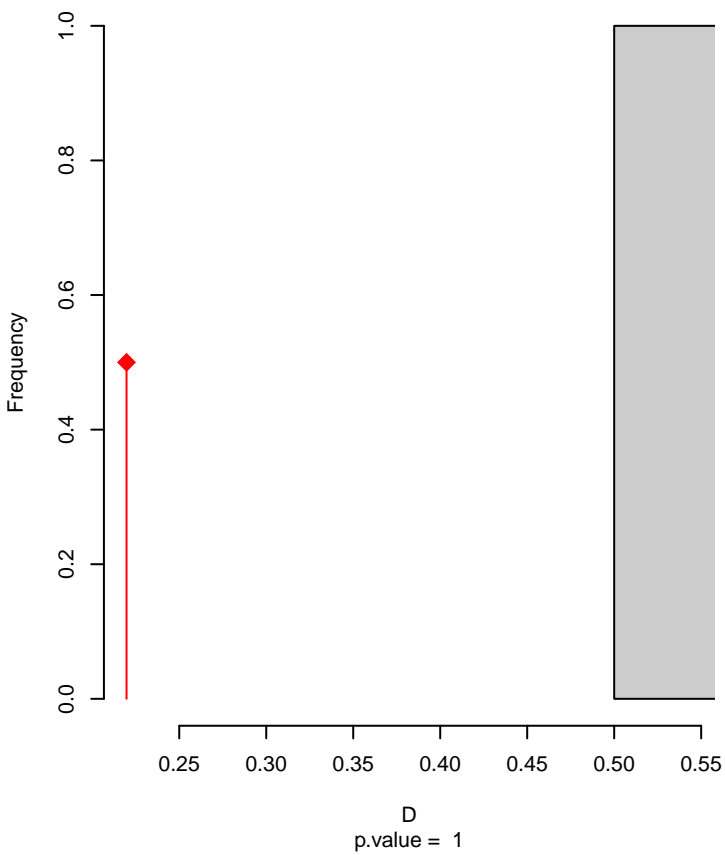


Vireo\_flavifrons seasonal overlap-hypo.br

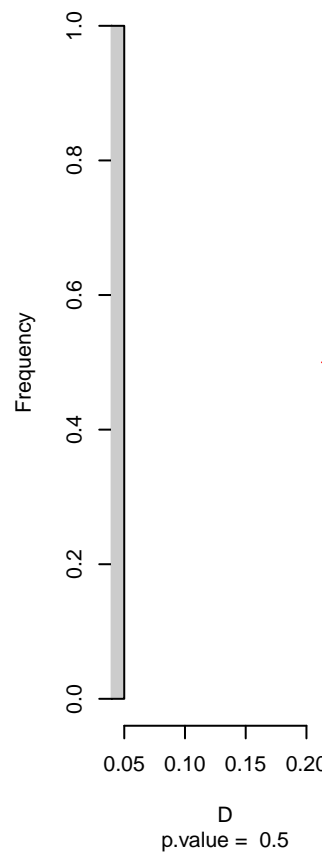


niche overlap:  
D= 0.22

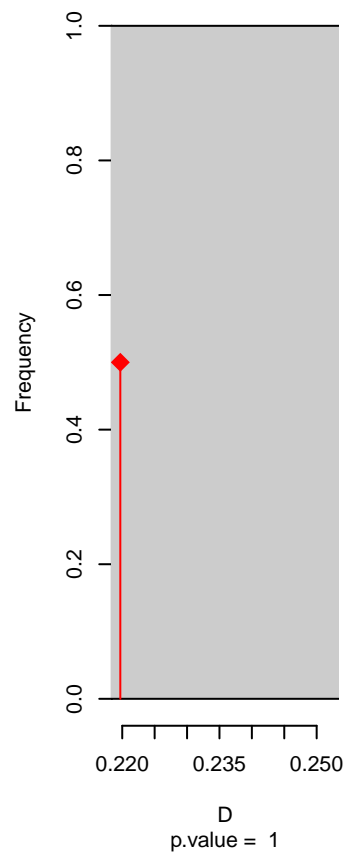
Equivalency



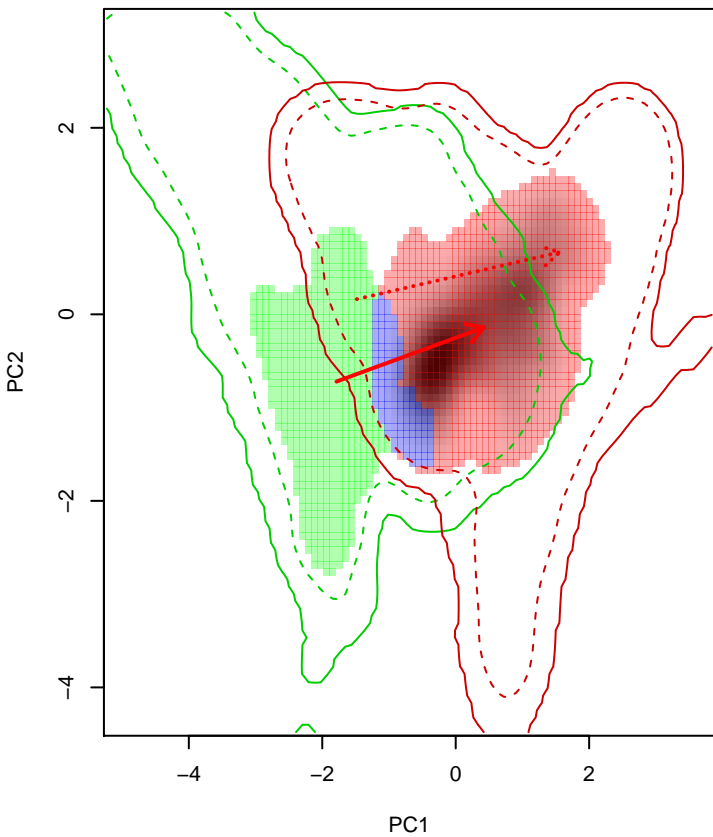
Similarity 2->1



Similarity 1->2

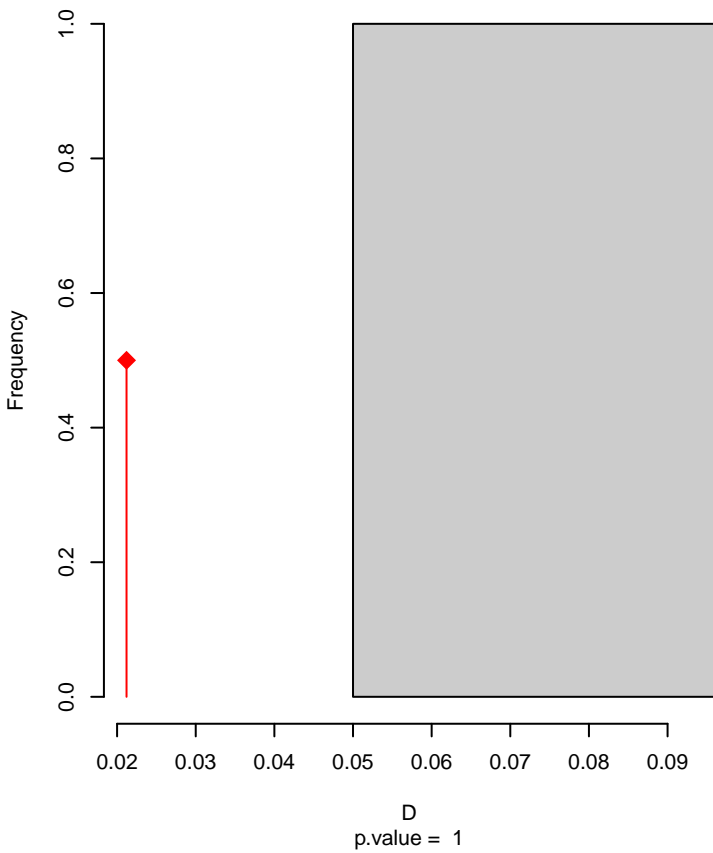


Vireo\_flavifrons seasonal overlap-hypo wi

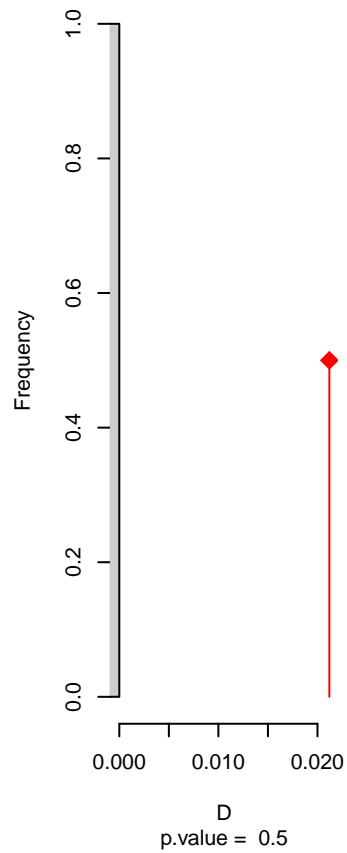


niche overlap:  
D= 0.021

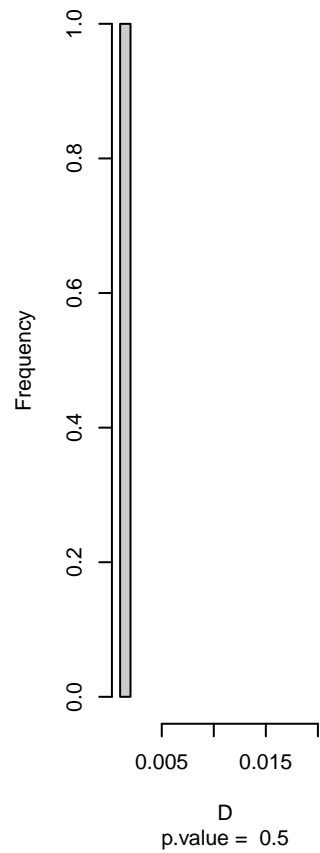
Equivalency



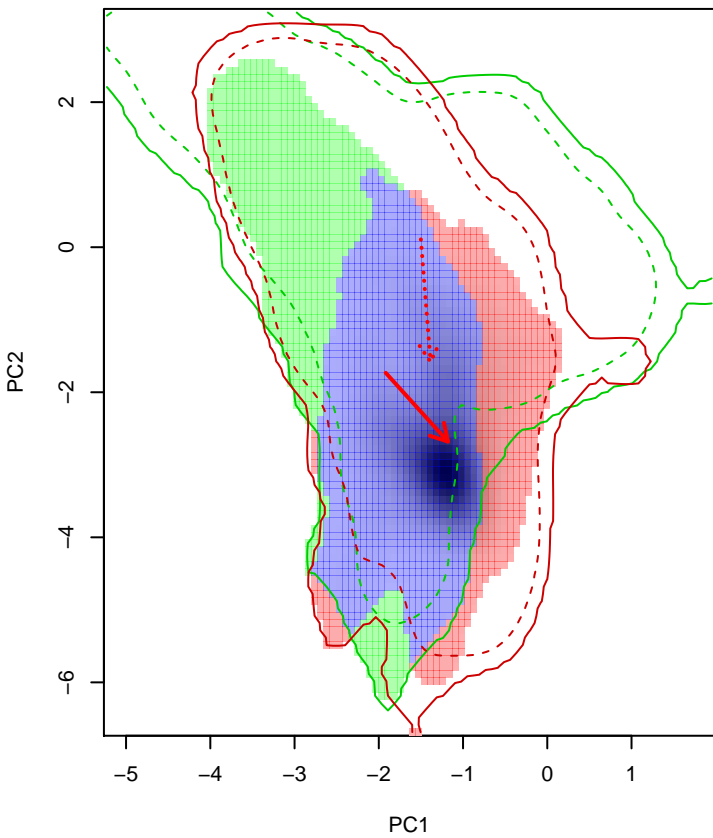
Similarity 2->1



Similarity 1->2

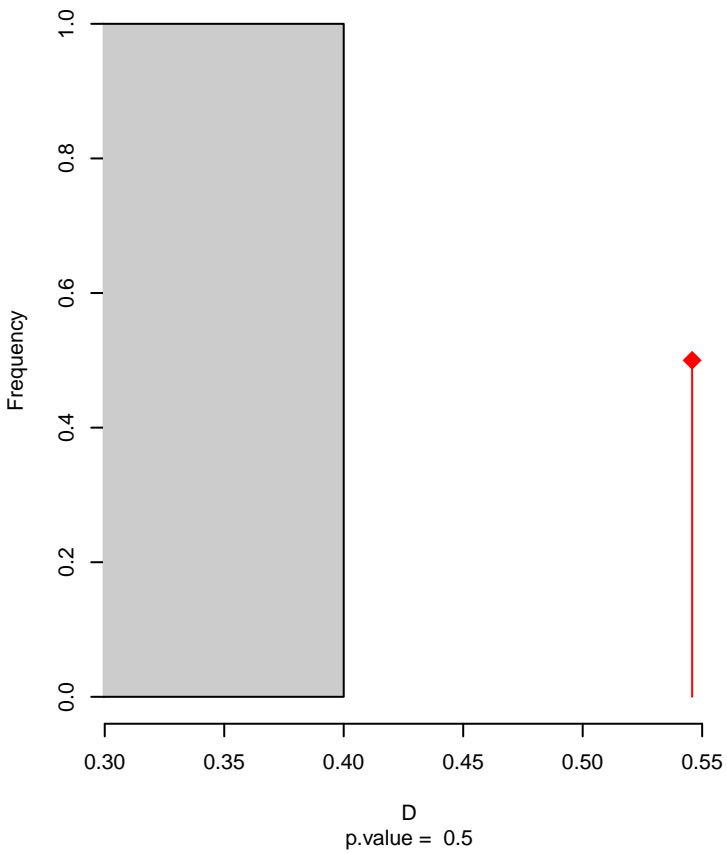


**Vireo\_flavoviridis seasonal overlap**

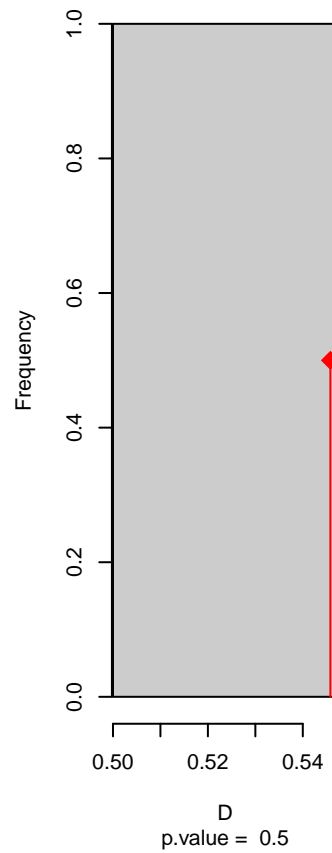


niche overlap:  
D= 0.546

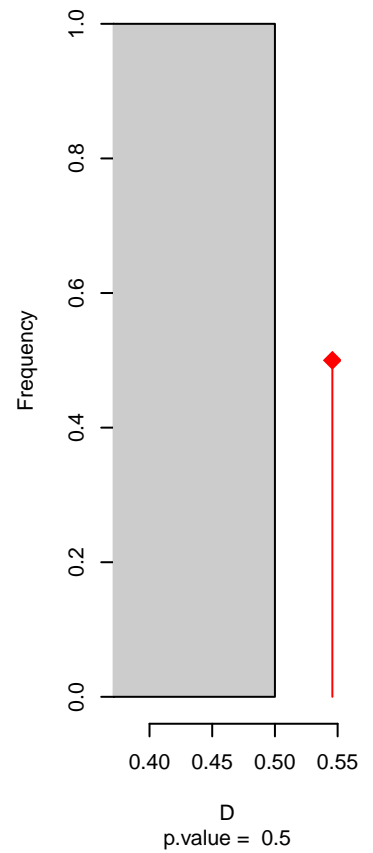
**Equivalency**



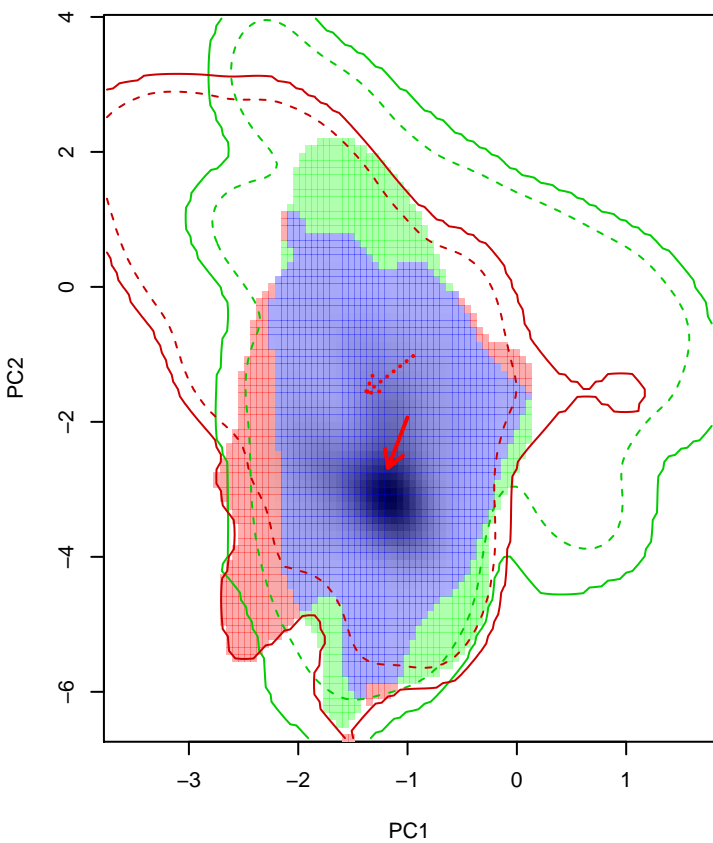
**Similarity 2→1**



**Similarity 1→2**

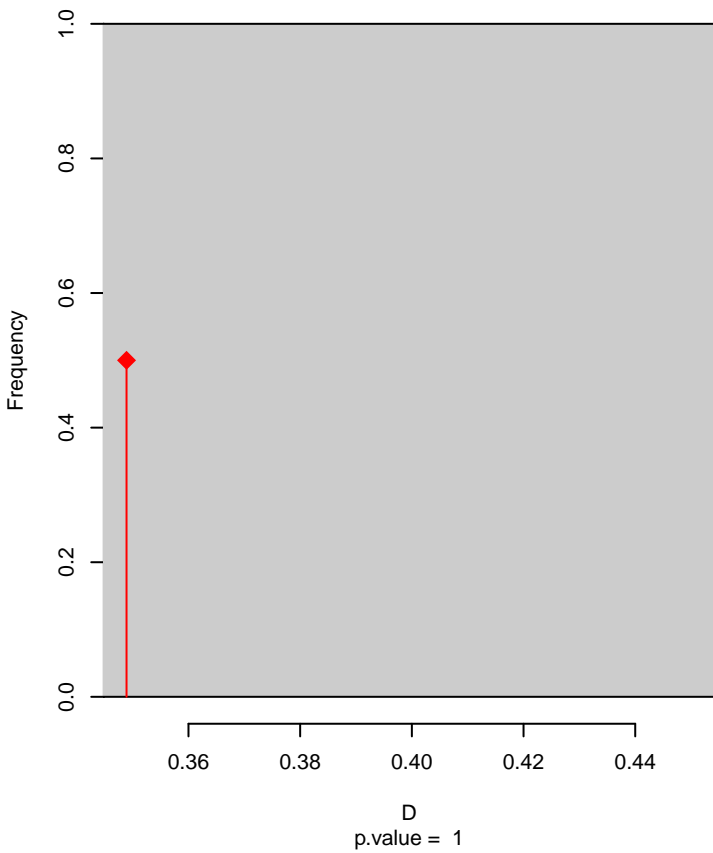


**Vireo\_flavoviridis seasonal overlap-hypo.br**

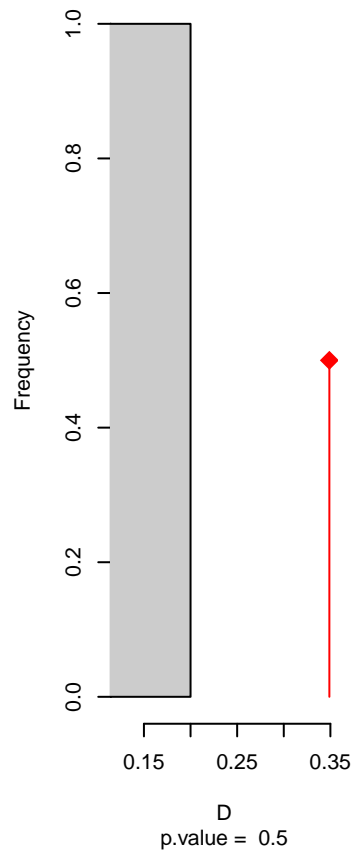


niche overlap:  
D= 0.349

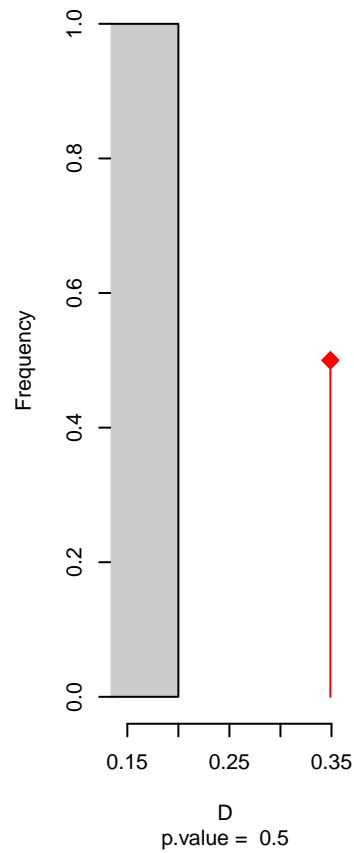
**Equivalency**



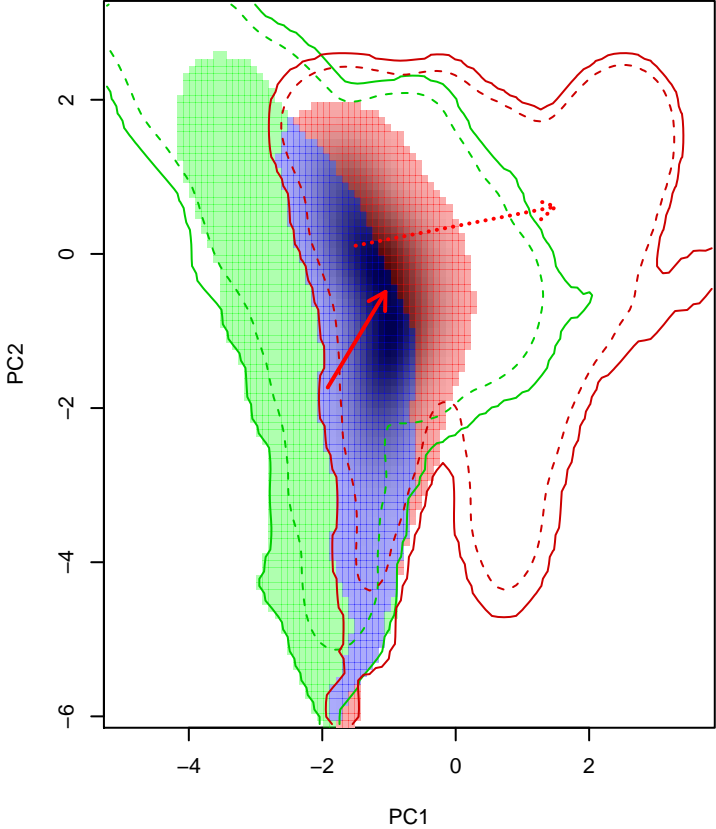
**Similarity 2->1**



**Similarity 1->2**

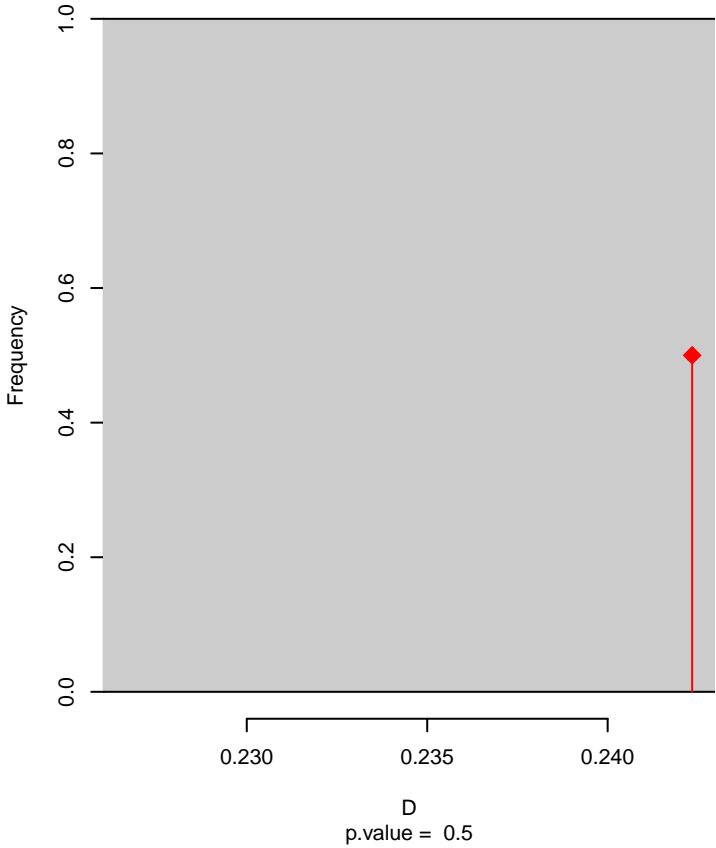


**Vireo\_flavoviridis seasonal overlap–hypo wi**

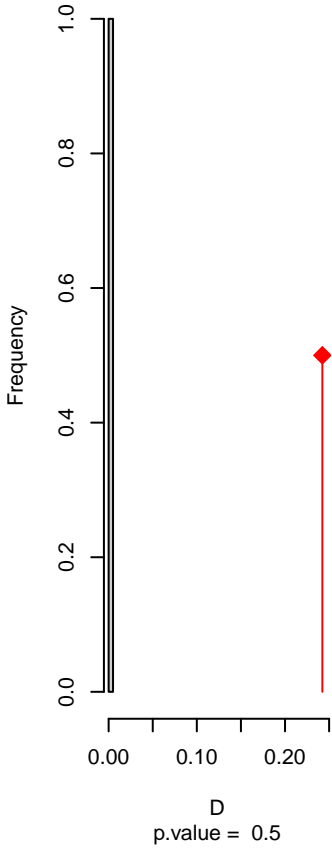


niche overlap:  
D= 0.242

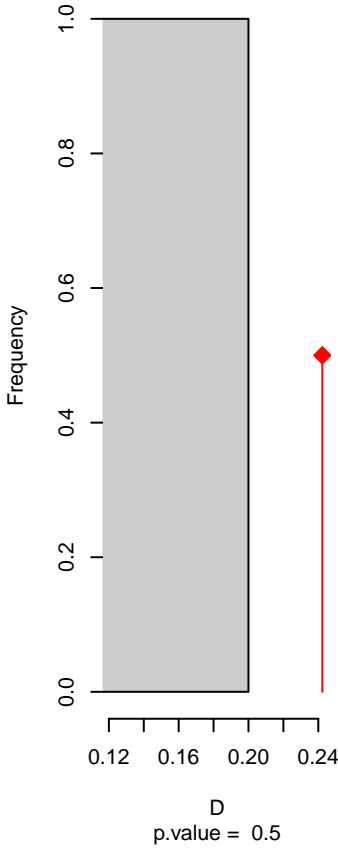
**Equivalency**



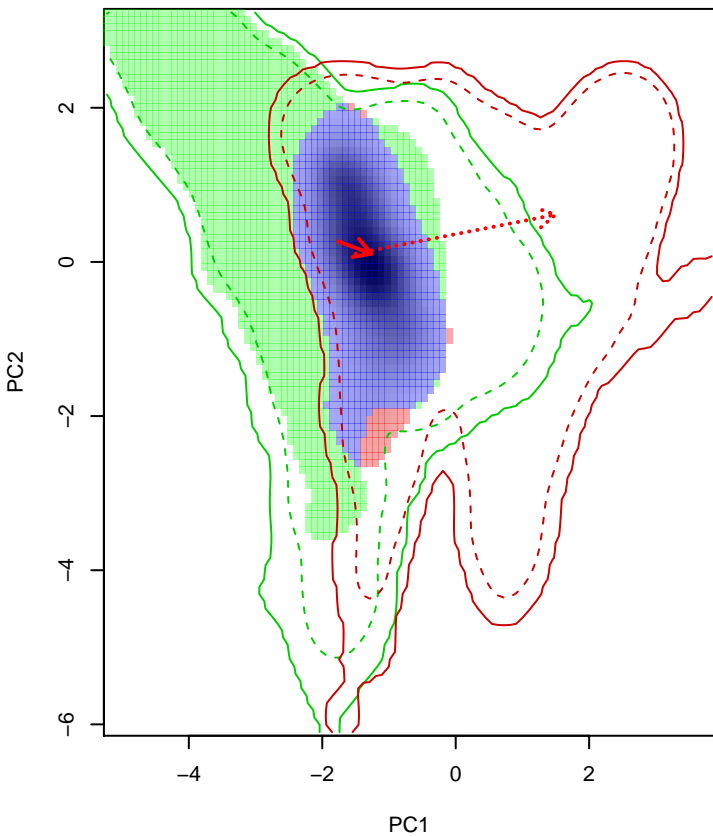
**Similarity 2→1**



**Similarity 1→2**

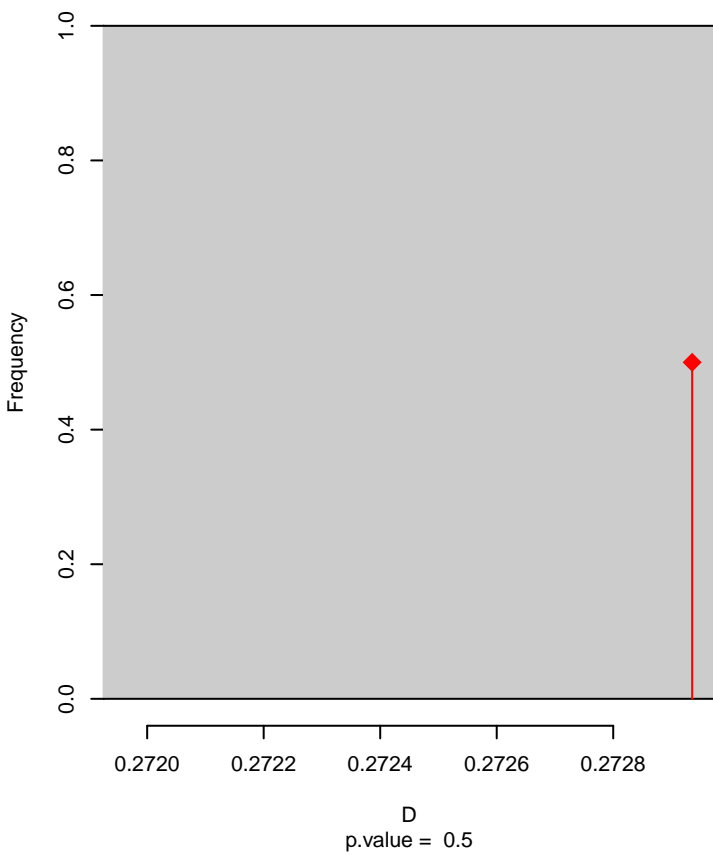


**Vireo\_gilvus seasonal overlap**

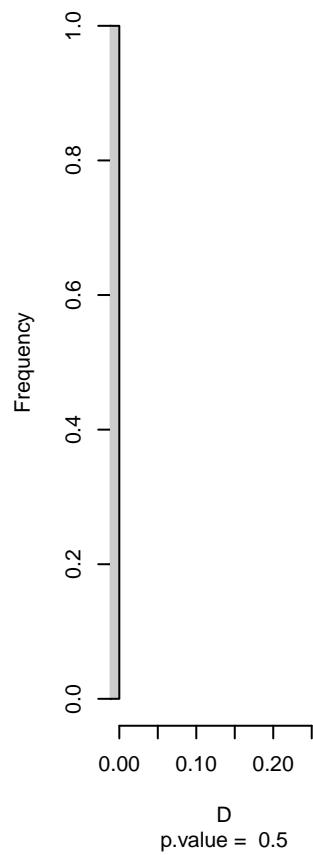


niche overlap:  
D= 0.273

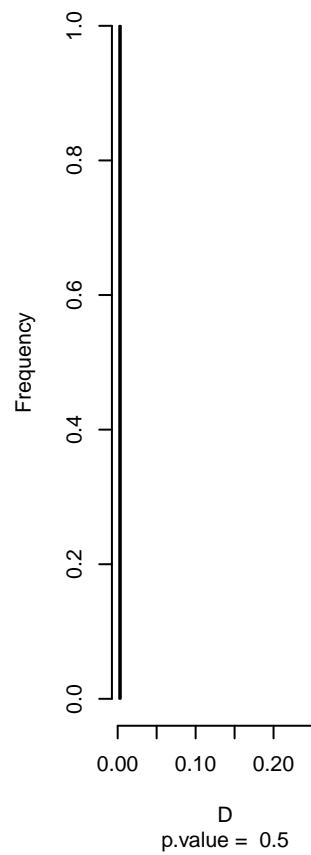
**Equivalency**



**Similarity 2→1**

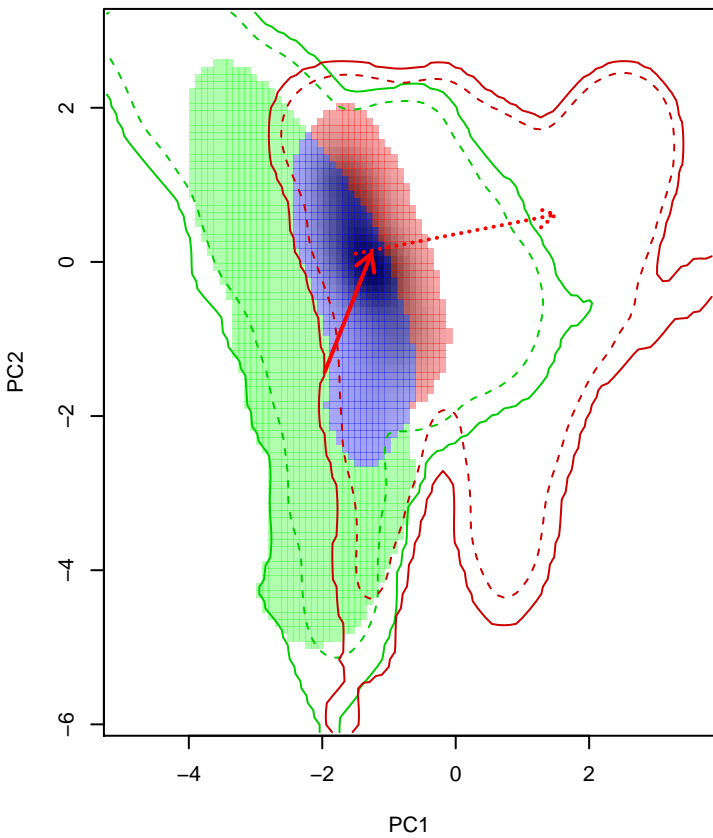


**Similarity 1→2**



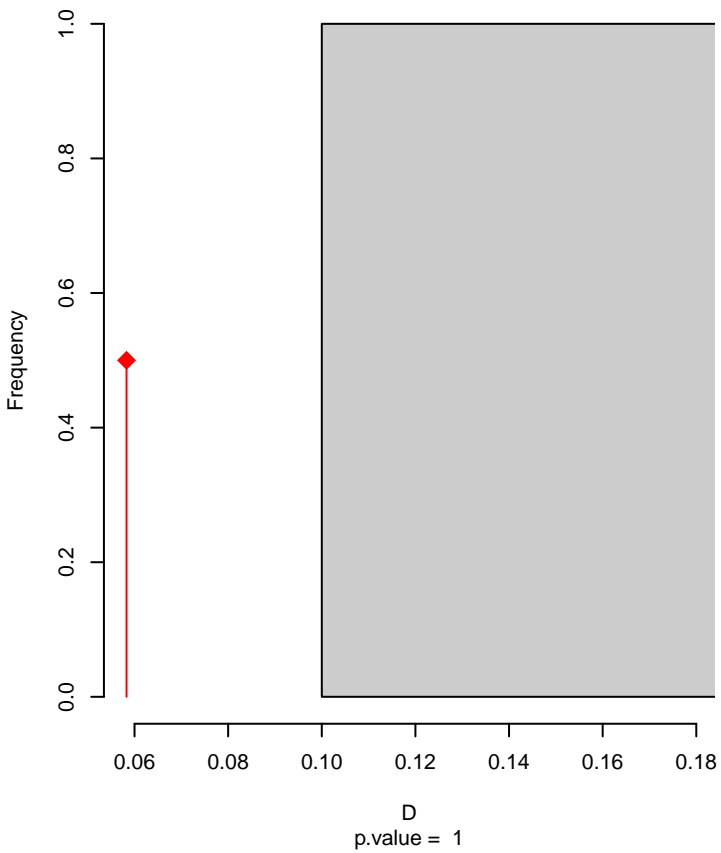


**Vireo\_gilvus seasonal overlap-hypo.br**

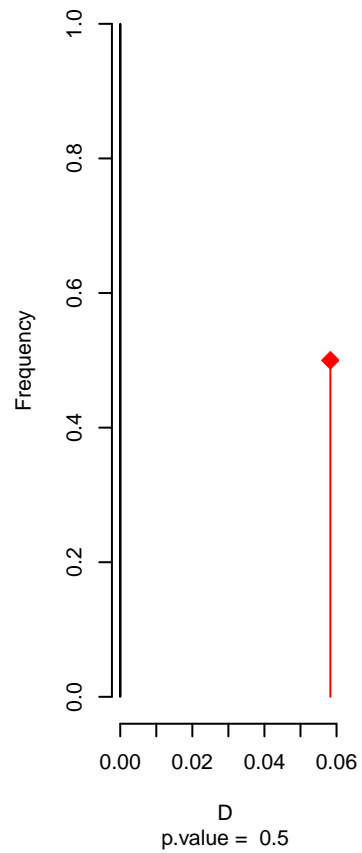


niche overlap:  
D= 0.058

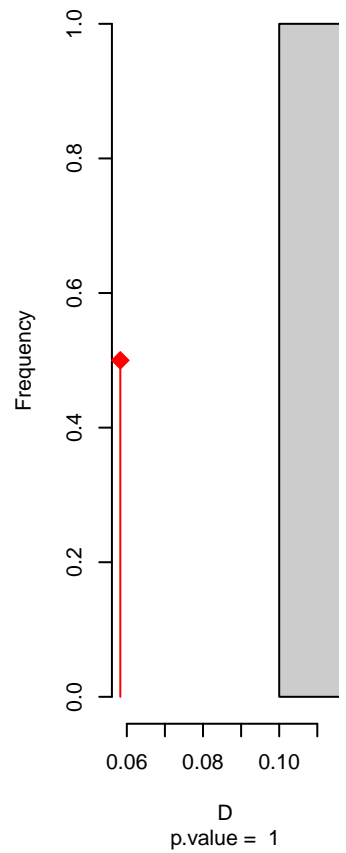
**Equivalency**



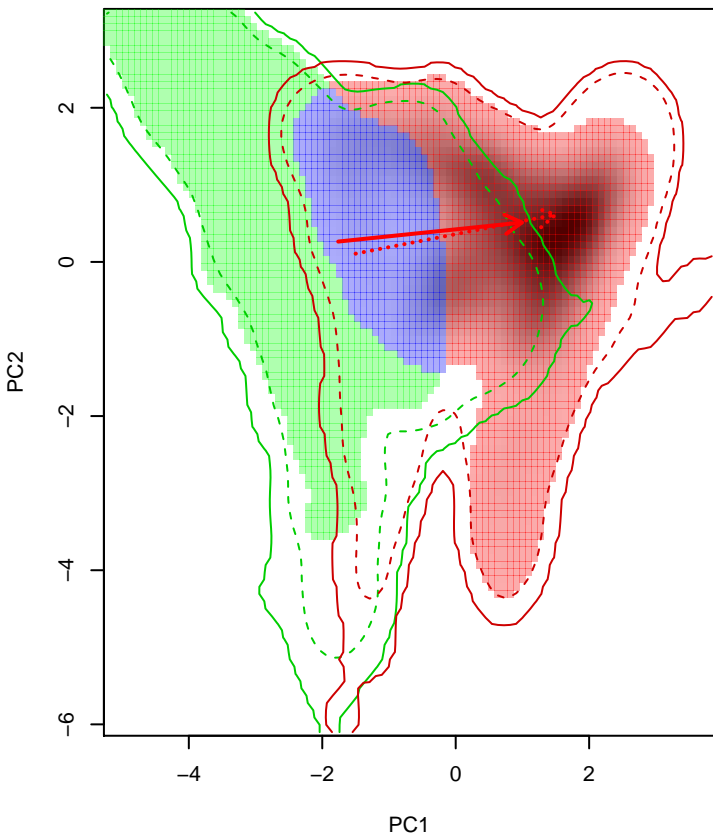
**Similarity 2->1**



**Similarity 1->2**

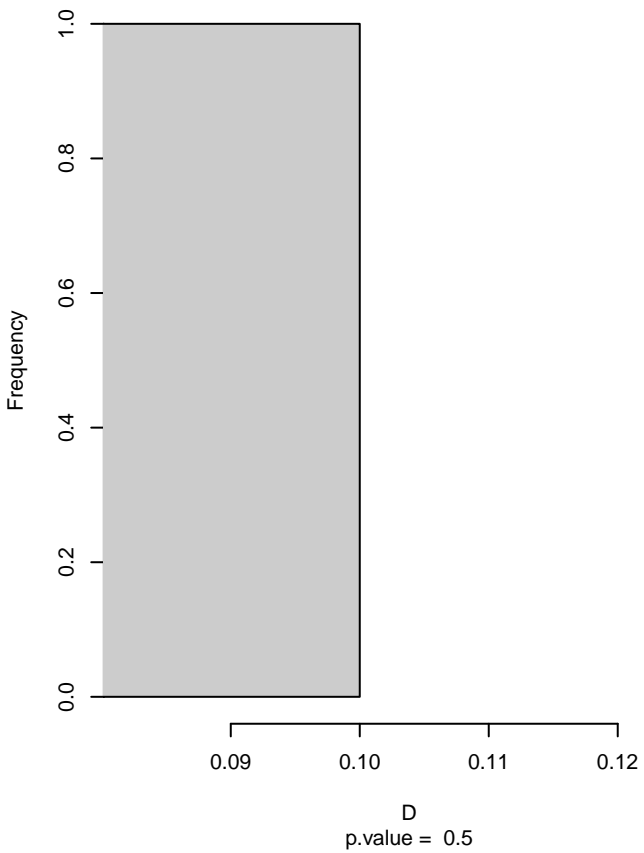


**Vireo\_gilvus seasonal overlap-hypo wi**

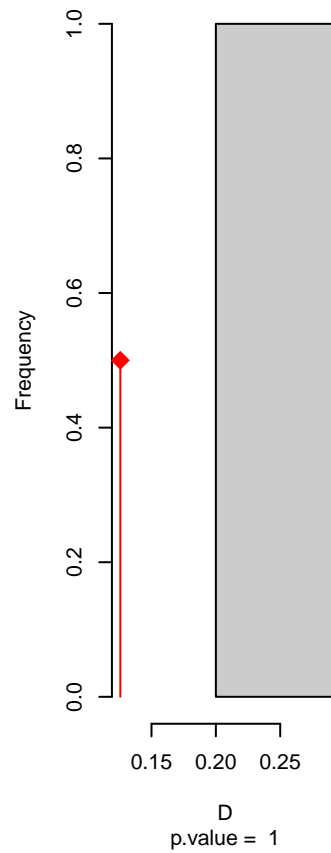


niche overlap:  
D= 0.126

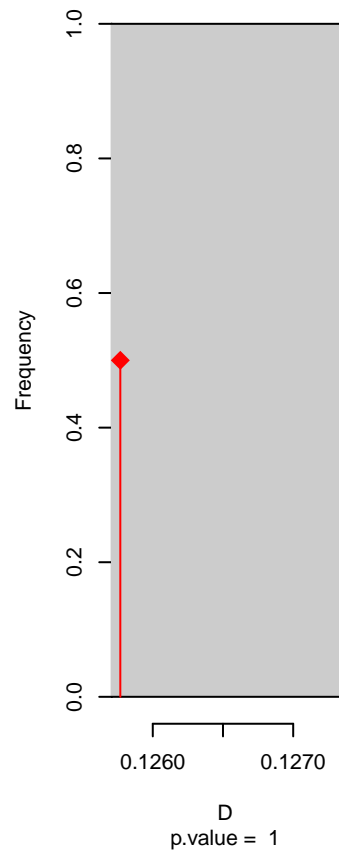
**Equivalency**



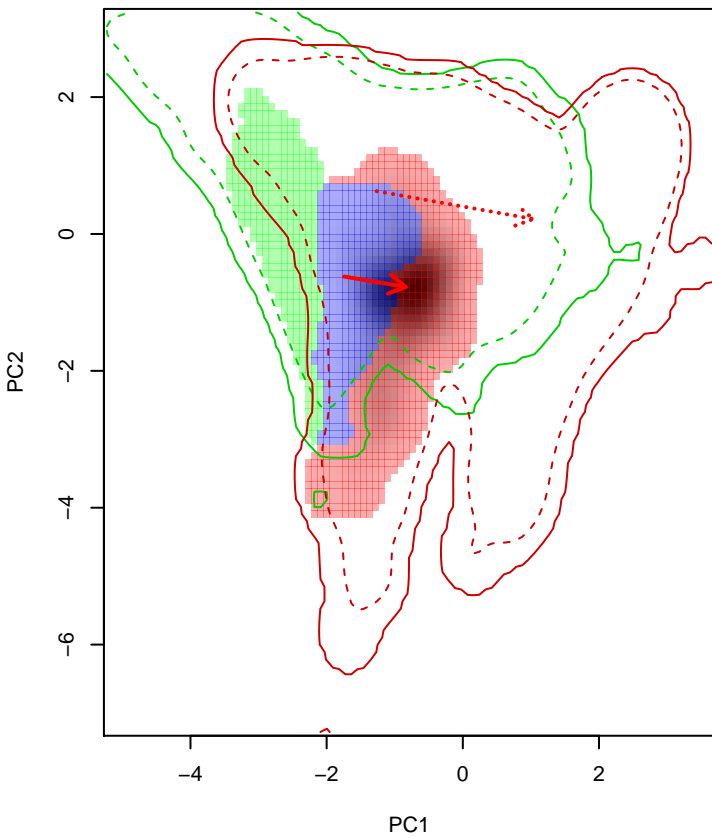
**Similarity 2->1**



**Similarity 1->2**

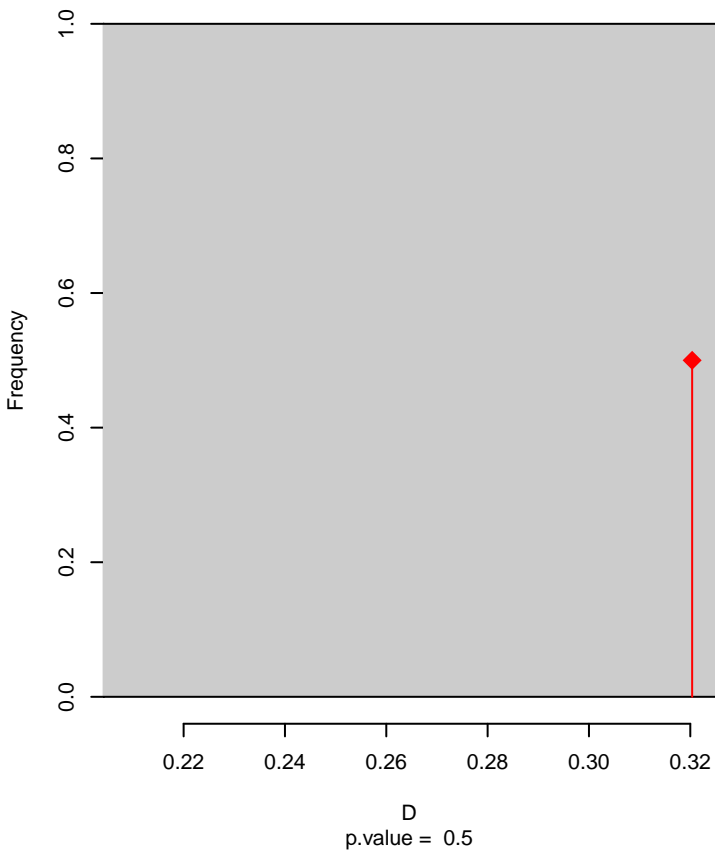


**Vireo\_griseus seasonal overlap**

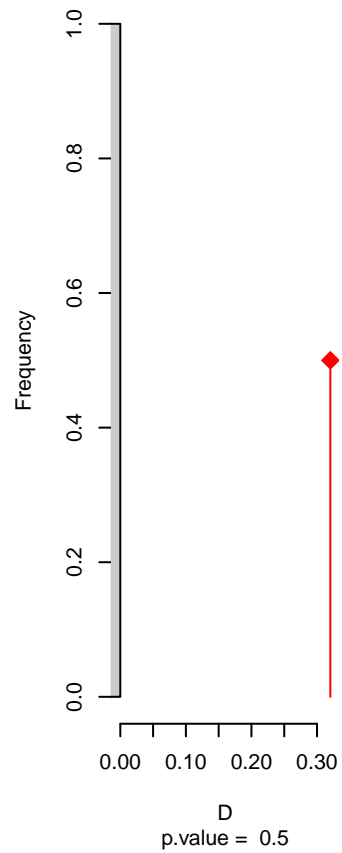


niche overlap:  
D= 0.32

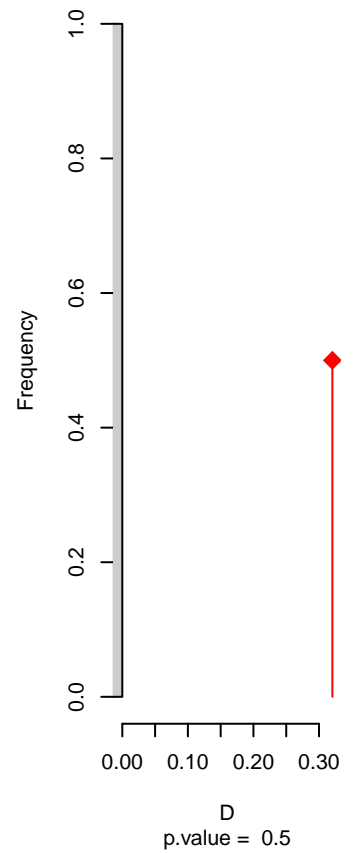
**Equivalency**



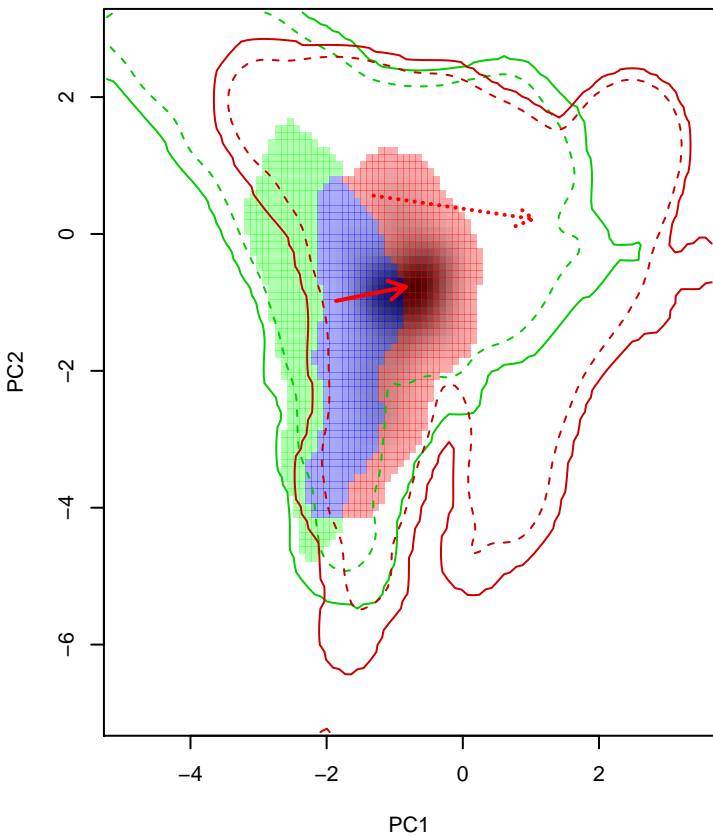
**Similarity 2→1**



**Similarity 1→2**

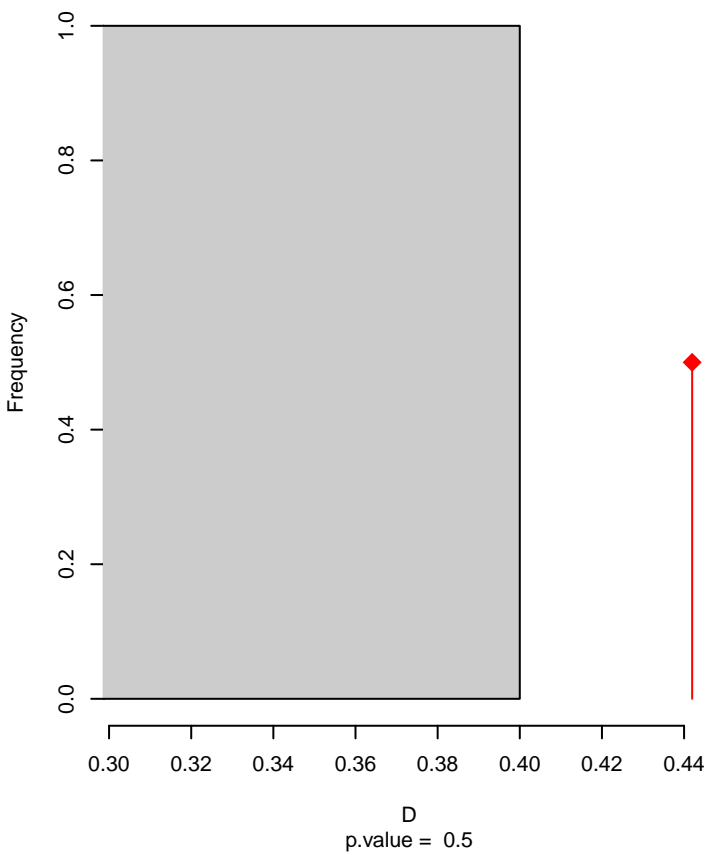


**Vireo\_griseus seasonal overlap-hypo.br**

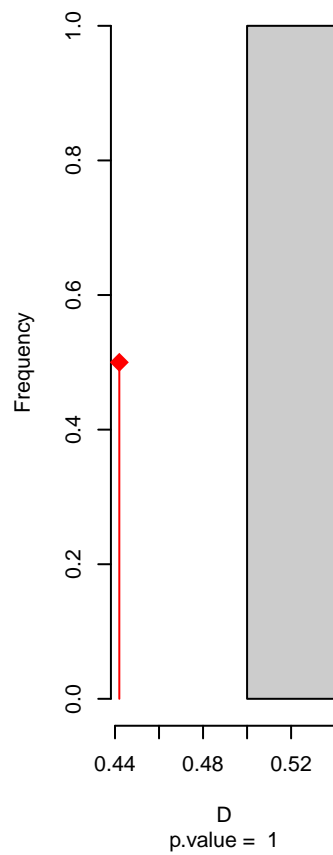


niche overlap:  
D= 0.442

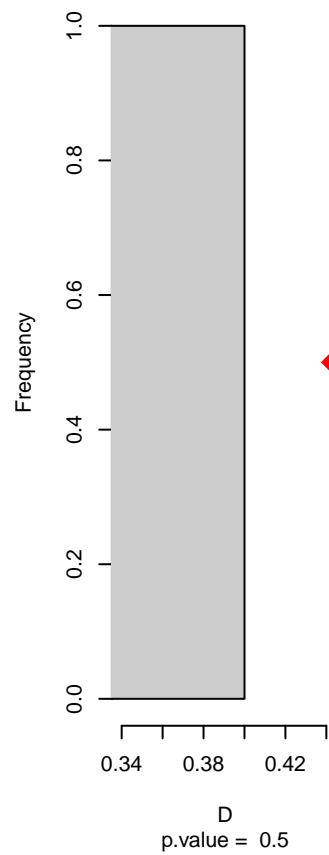
**Equivalency**



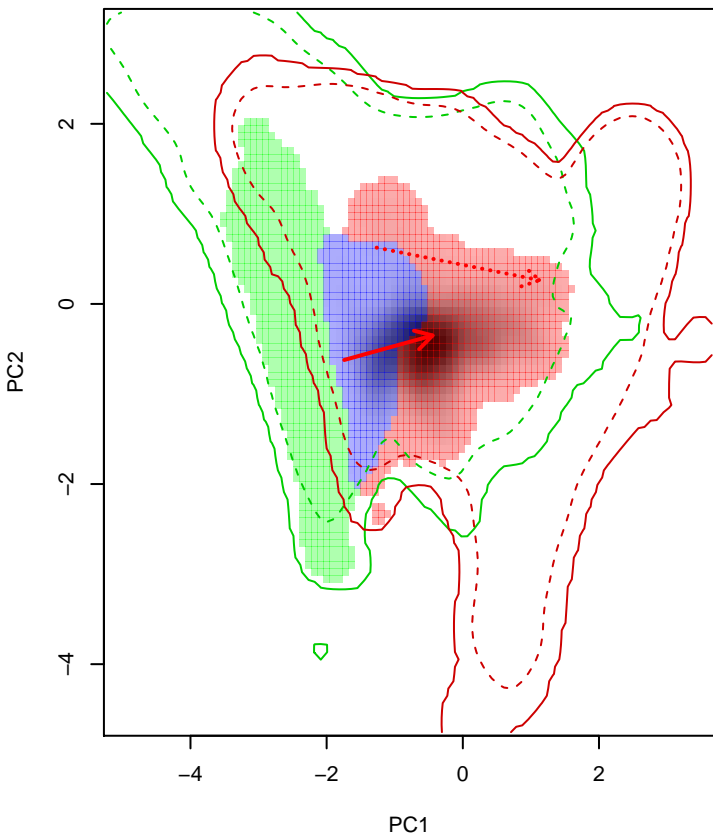
**Similarity 2-->1**



**Similarity 1-->2**

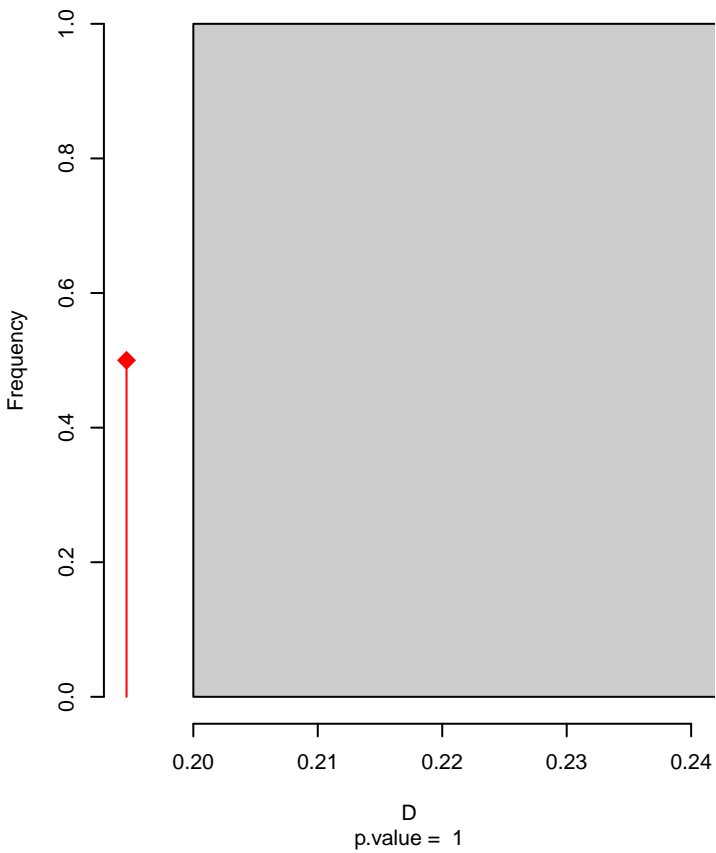


**Vireo\_griseus seasonal overlap-hypo wi**

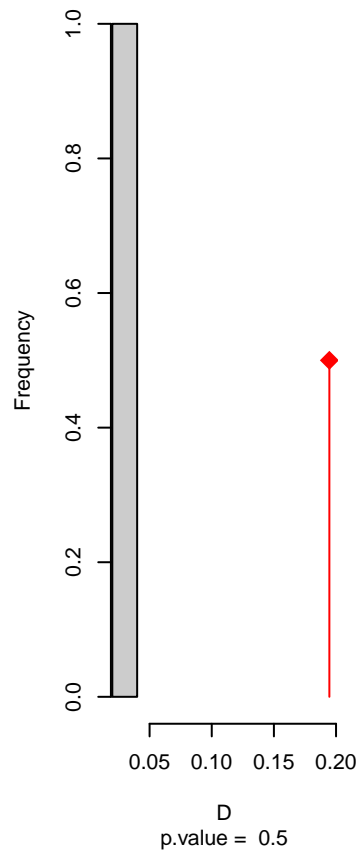


niche overlap:  
D= 0.195

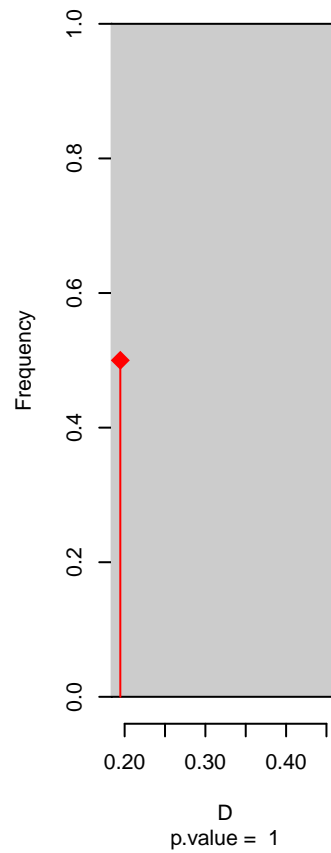
**Equivalency**



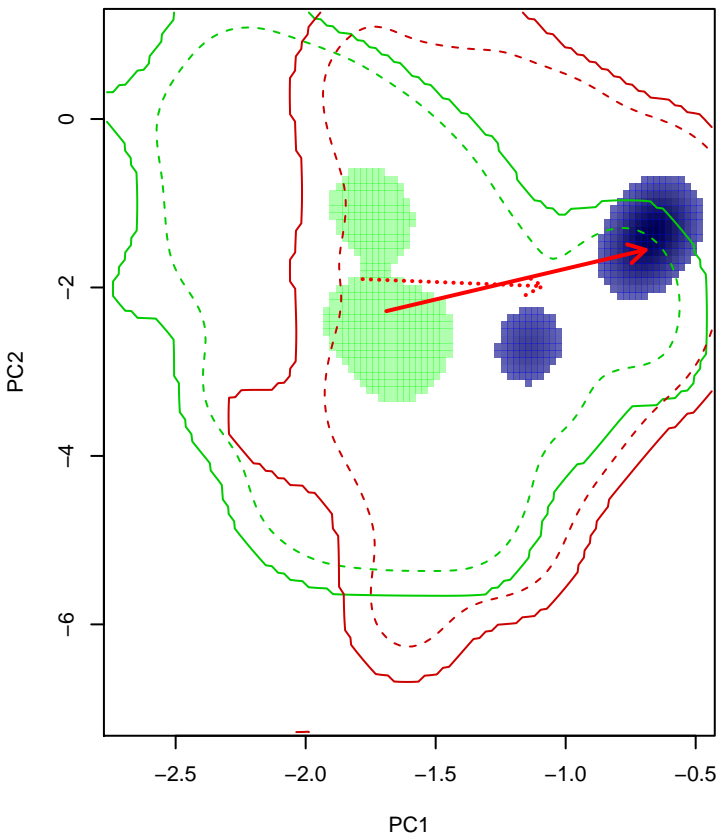
**Similarity 2->1**



**Similarity 1->2**

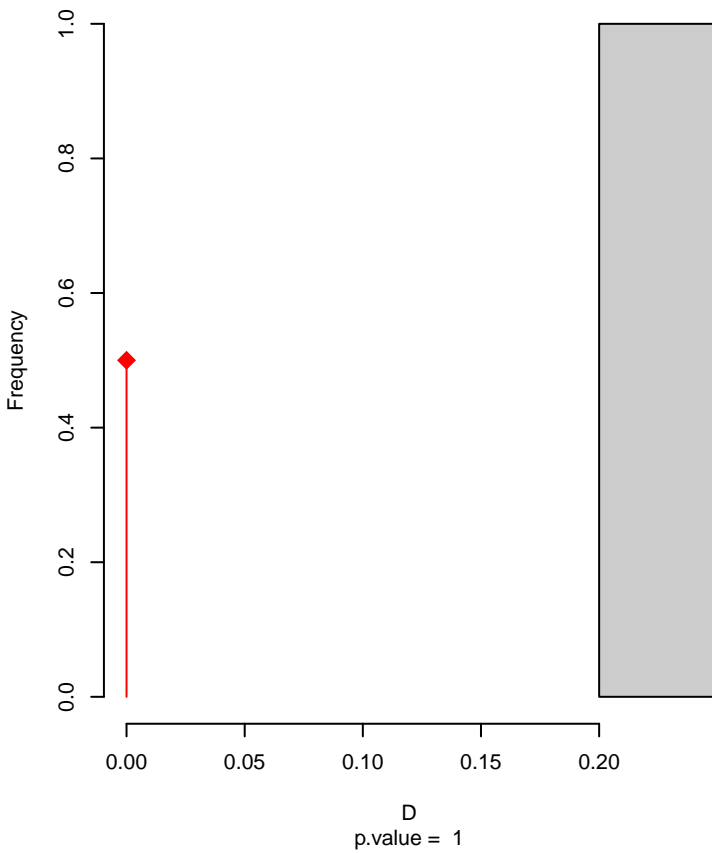


**Vireo\_gundlachii seasonal overlap**

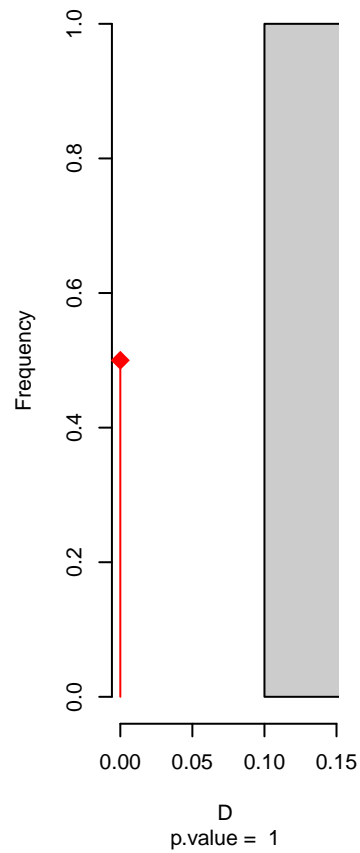


niche overlap:  
D= 0

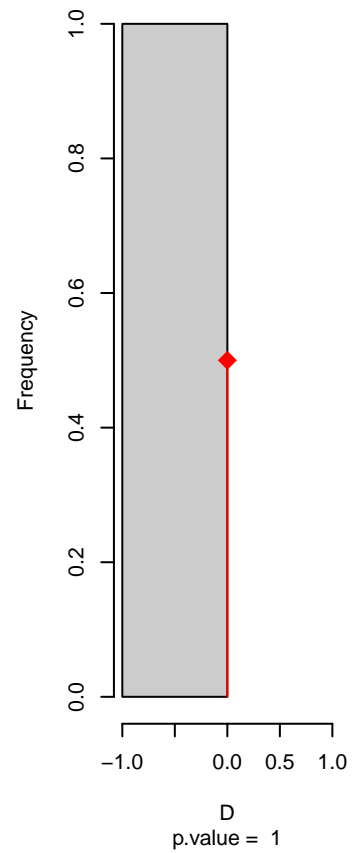
**Equivalency**



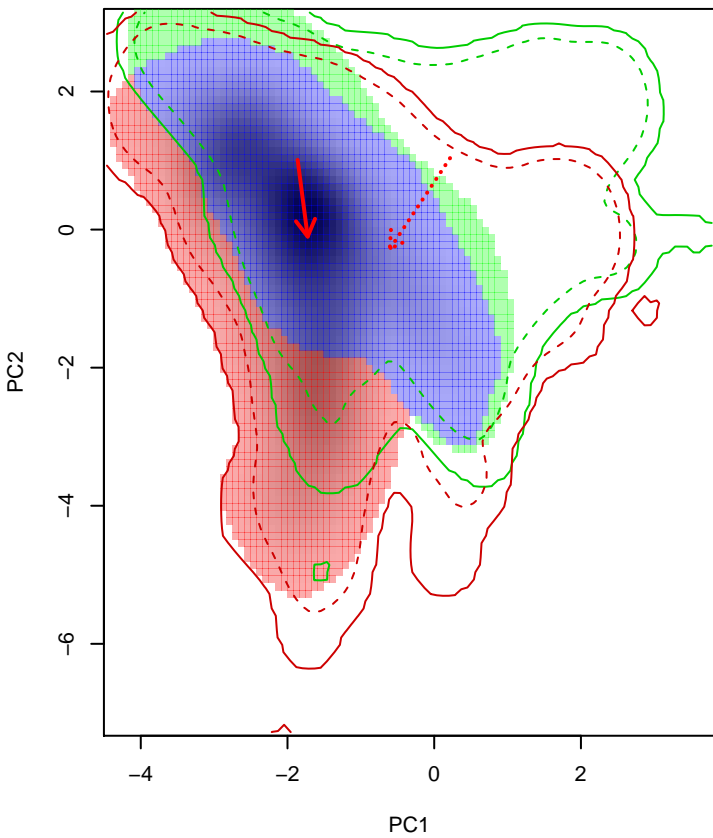
**Similarity 2->1**



**Similarity 1->2**

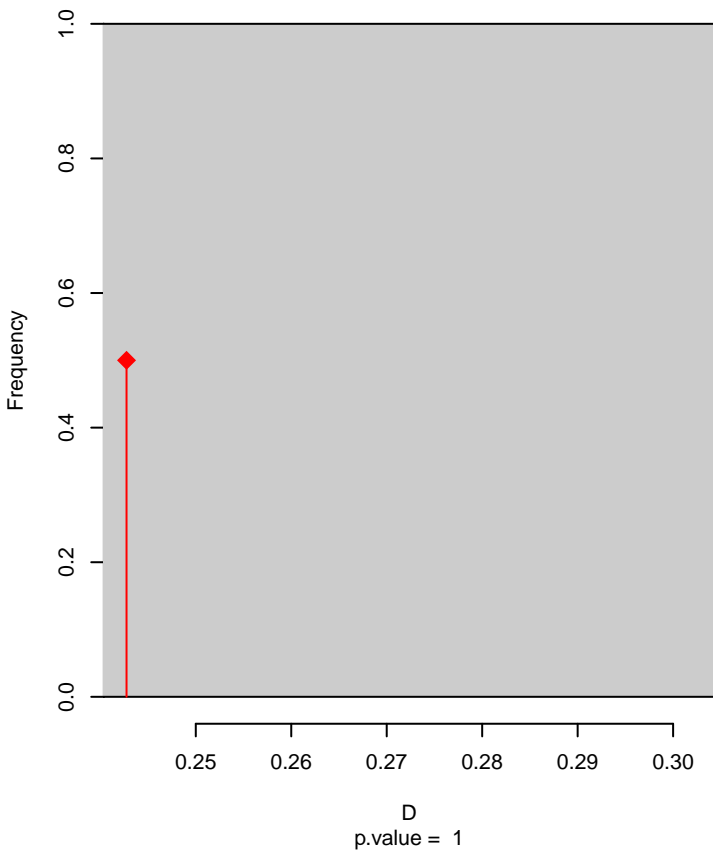


**Vireo\_huttoni seasonal overlap**

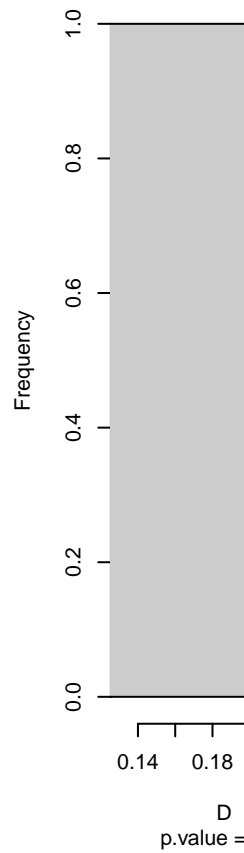


niche overlap:  
D= 0.243

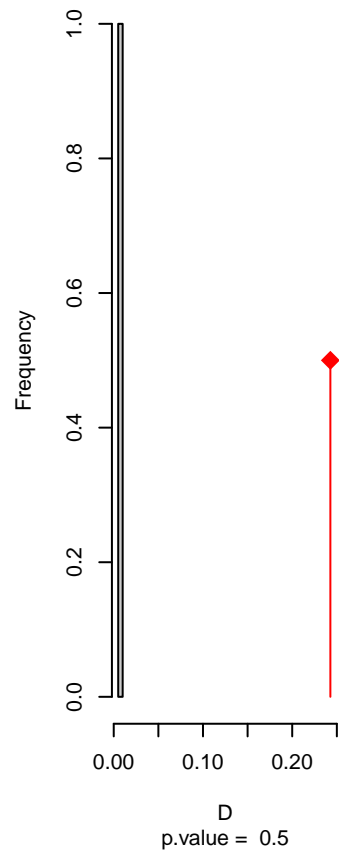
**Equivalency**



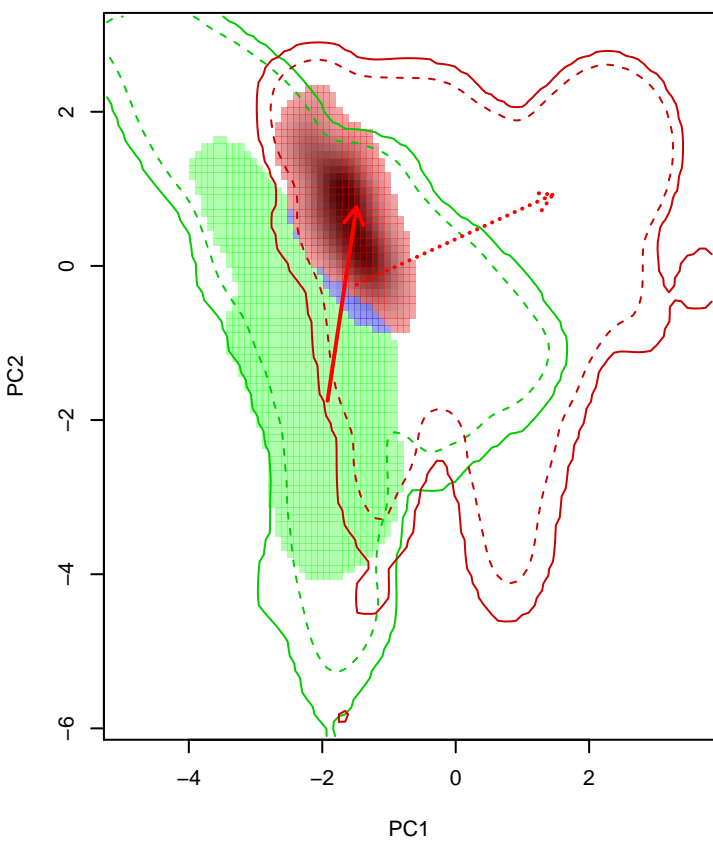
**Similarity 2→1**



**Similarity 1→2**

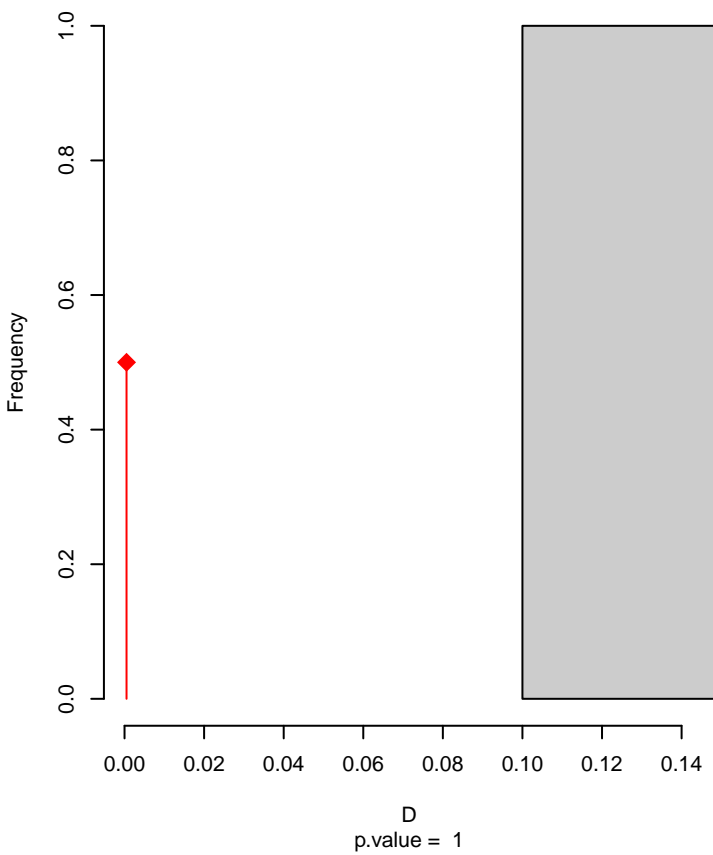


**Vireo\_hypochryseus seasonal overlap**

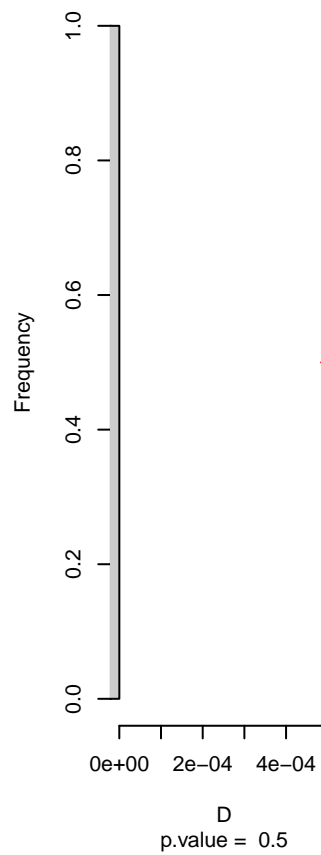


niche overlap:  
D= 0.001

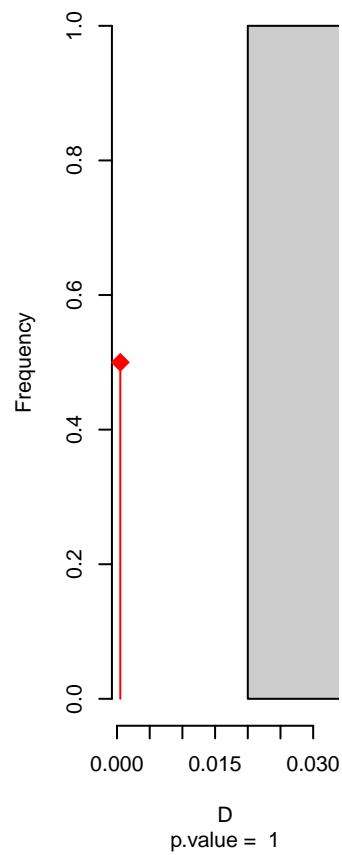
**Equivalency**



**Similarity 2→1**

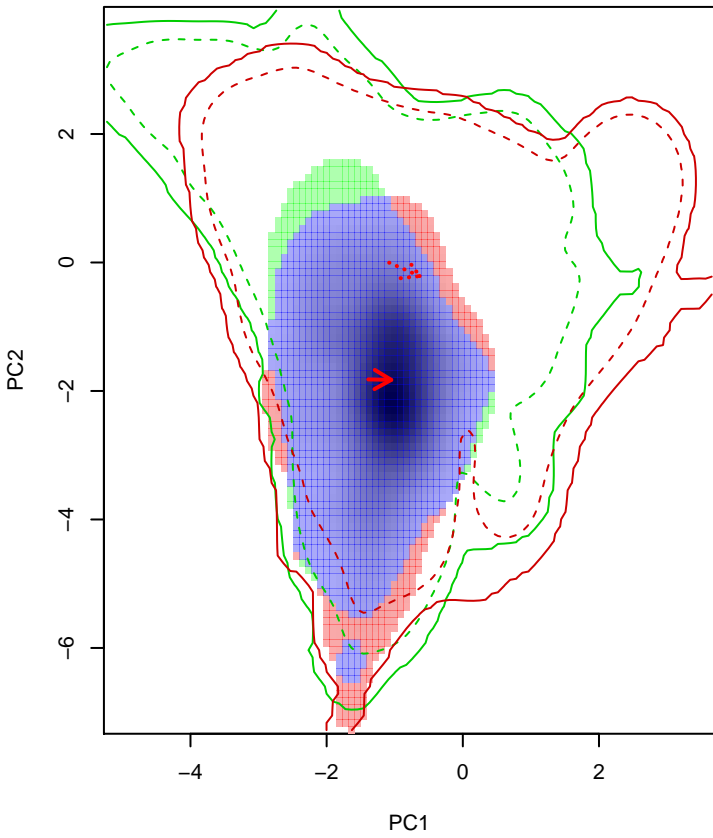


**Similarity 1→2**



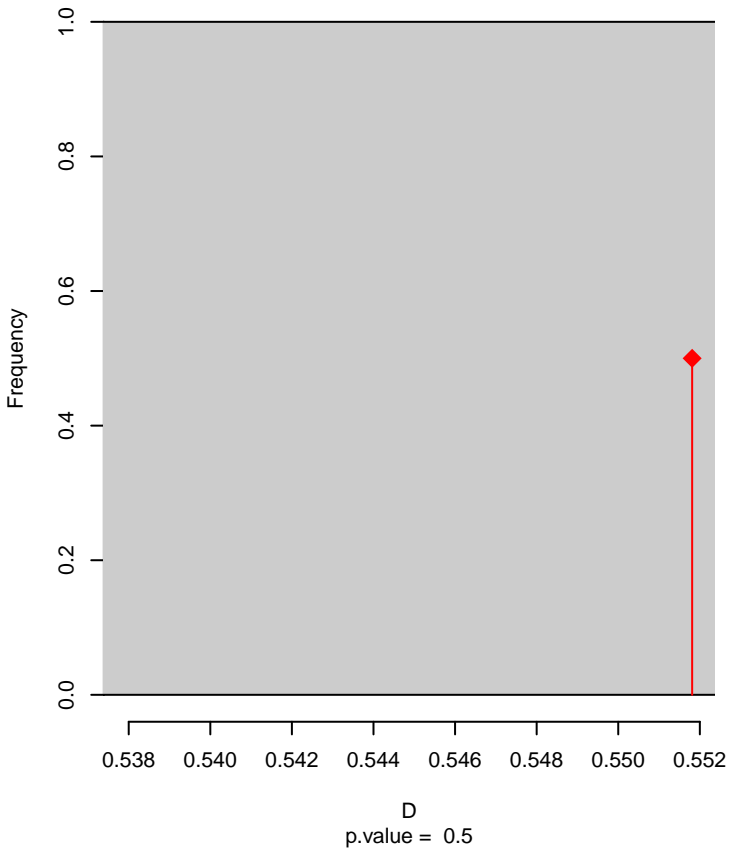


**Vireo\_leucophrys seasonal overlap**

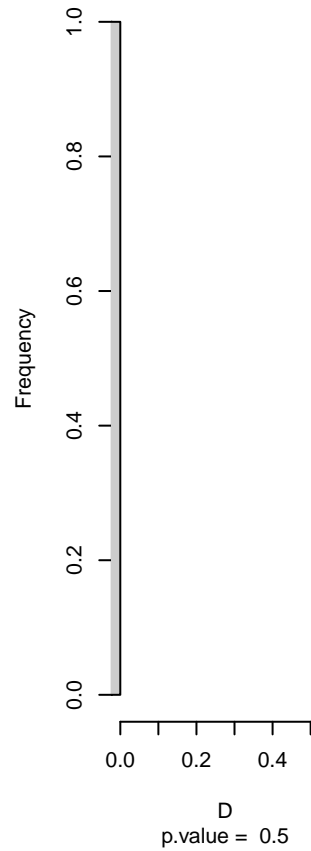


niche overlap:  
D= 0.552

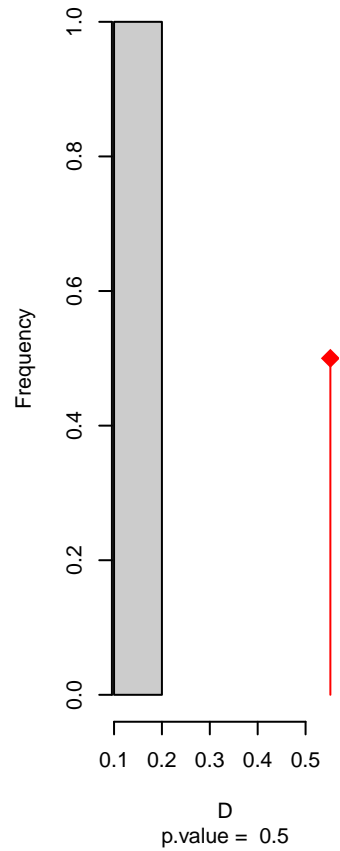
**Equivalency**



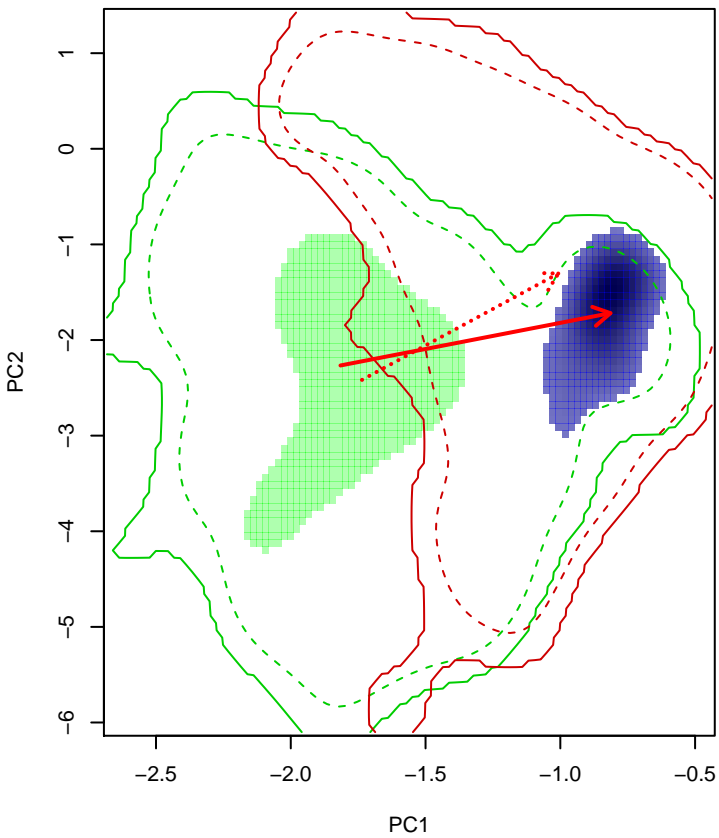
**Similarity 2->1**



**Similarity 1->2**

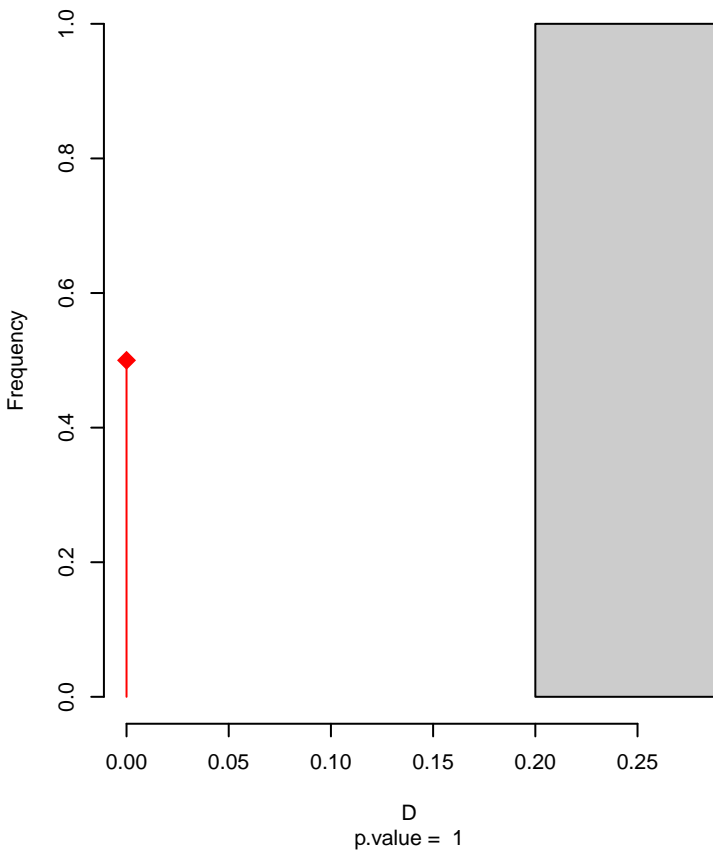


**Vireo\_magister seasonal overlap**

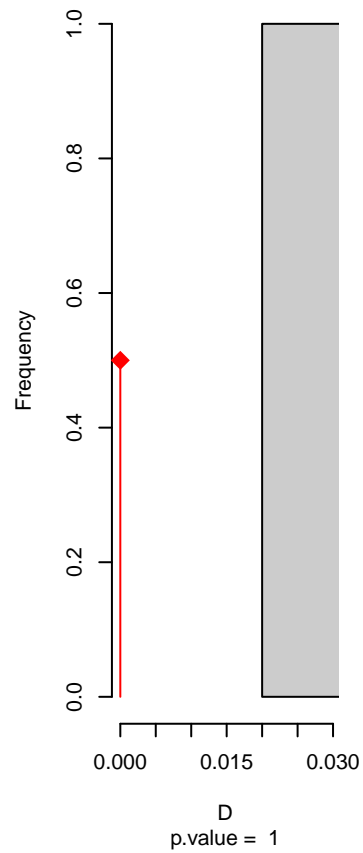


niche overlap:  
D= 0

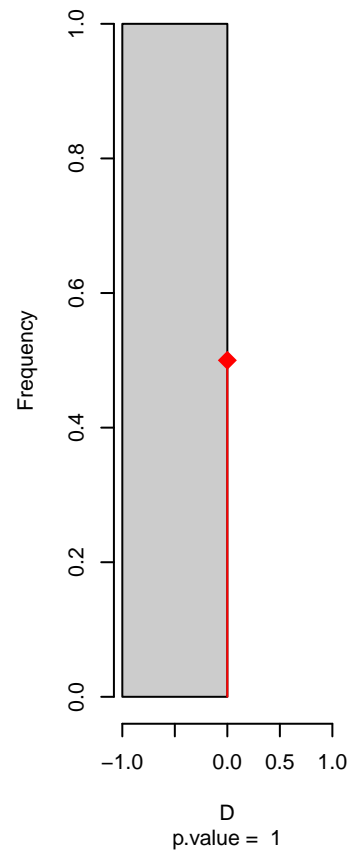
**Equivalency**



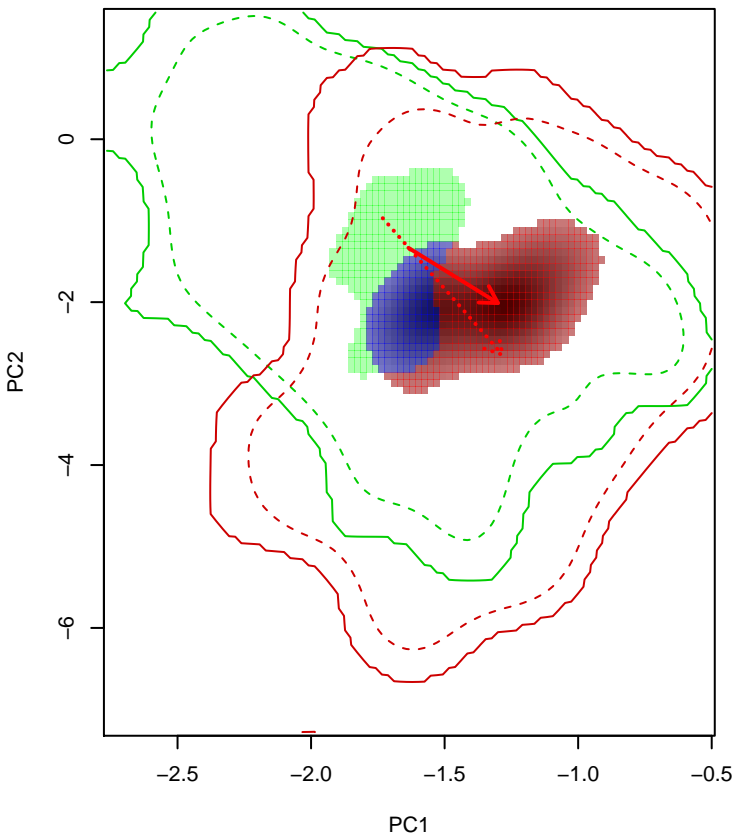
**Similarity 2->1**



**Similarity 1->2**

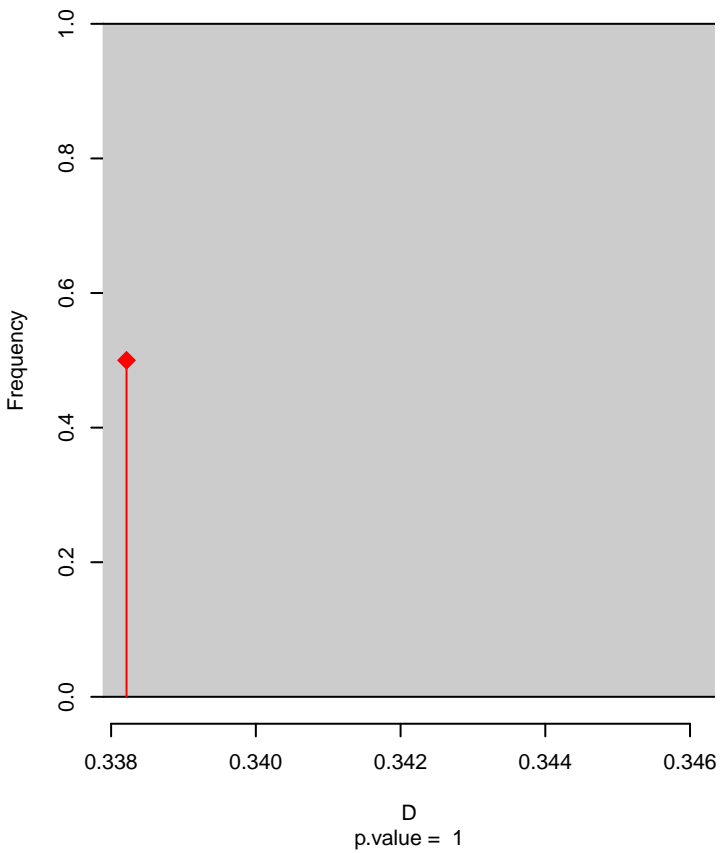


**Vireo\_nanus seasonal overlap**

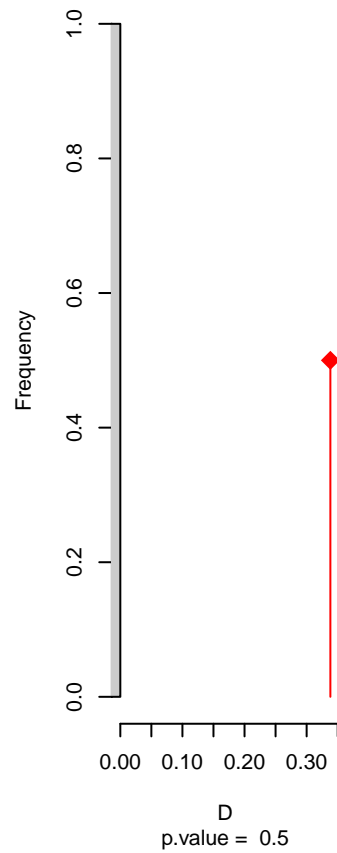


niche overlap:  
D= 0.338

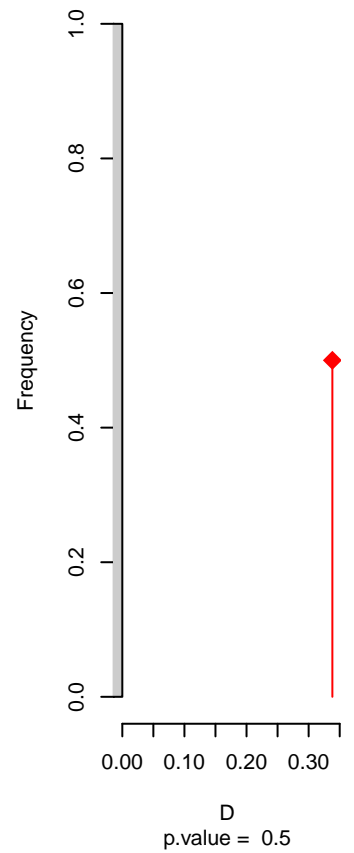
**Equivalency**



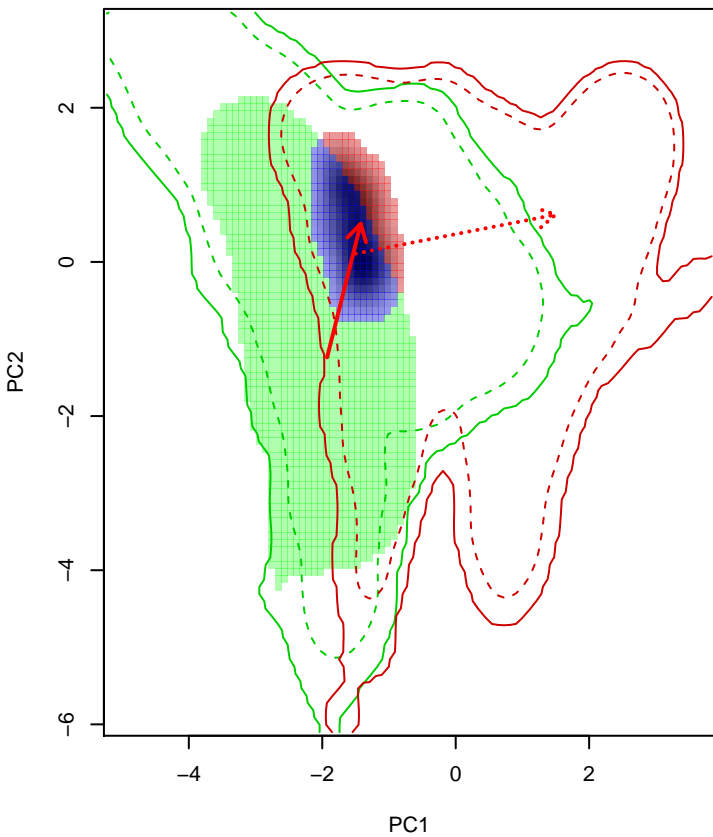
**Similarity 2->1**



**Similarity 1->2**

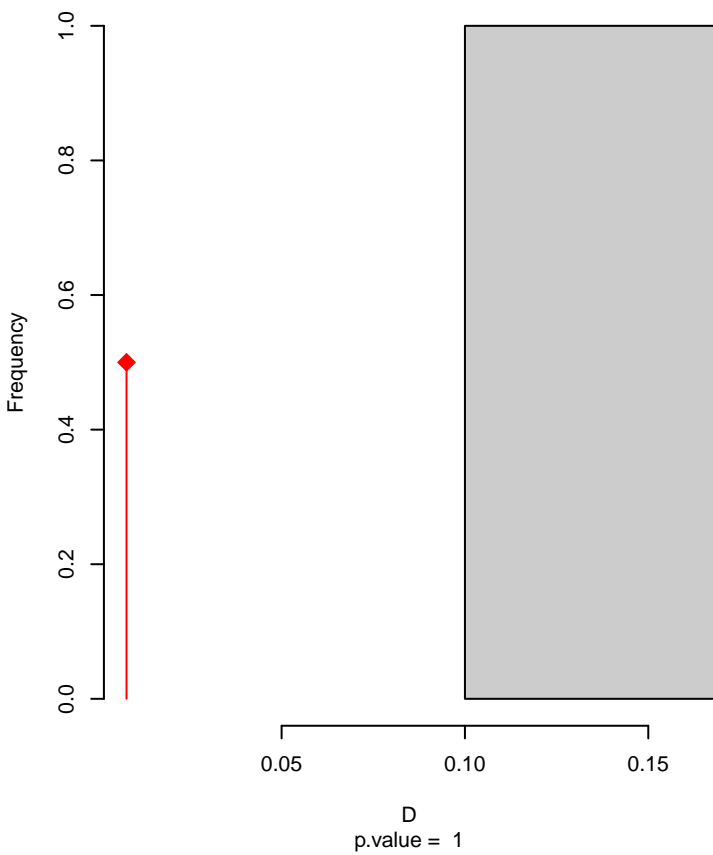


**Vireo\_nelsoni seasonal overlap**

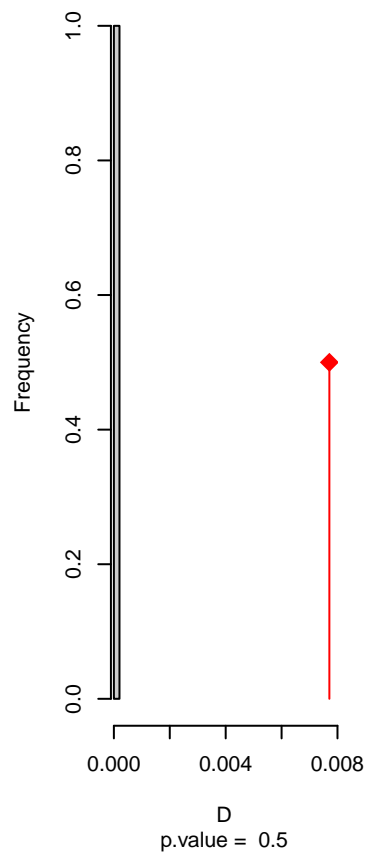


niche overlap:  
D= 0.008

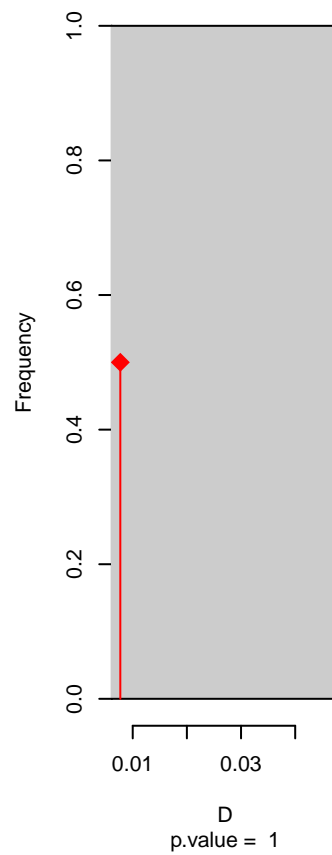
**Equivalency**



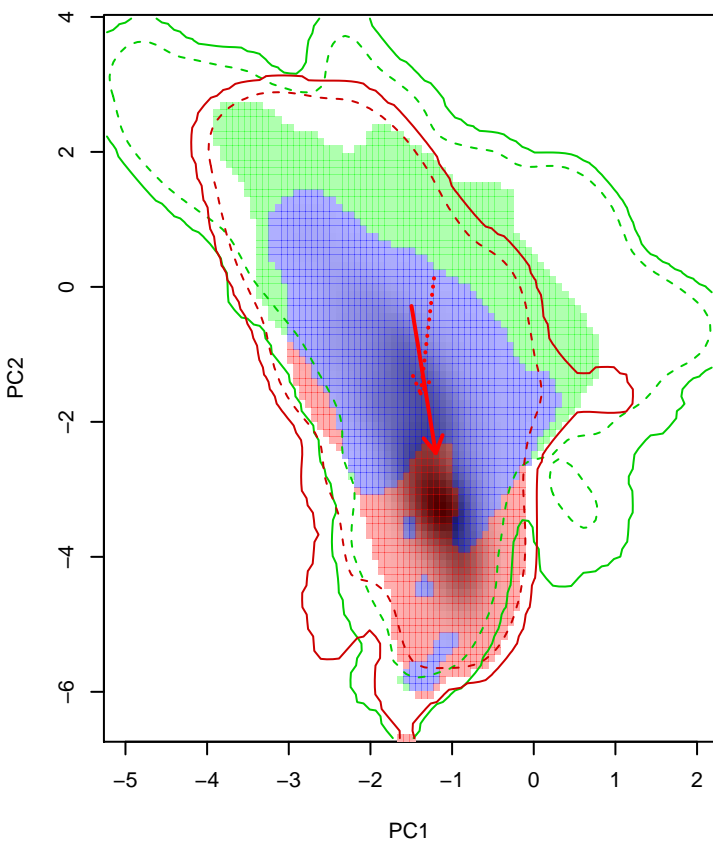
**Similarity 2→1**



**Similarity 1→2**

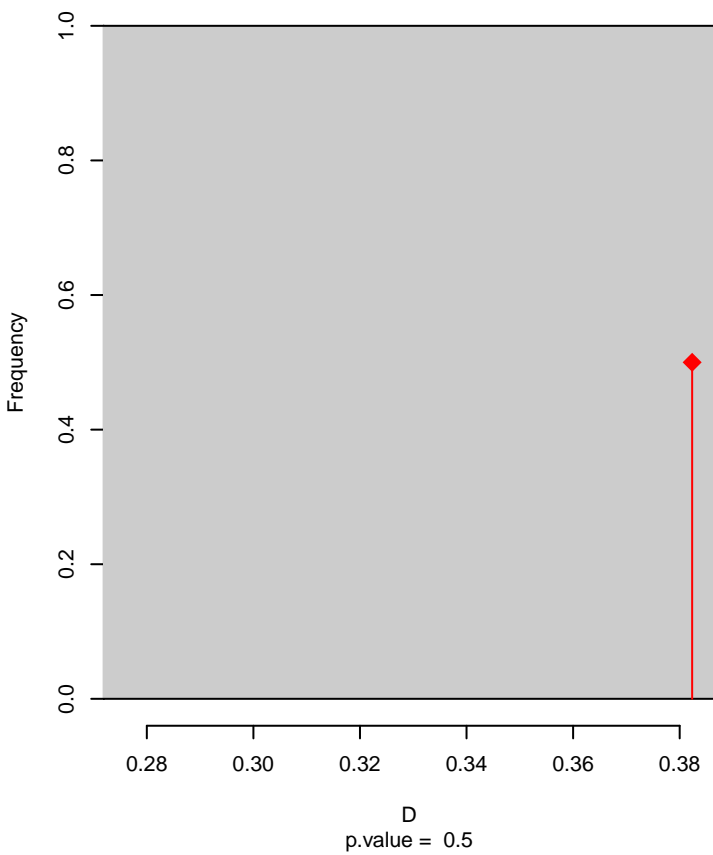


**Vireo\_olivaceus seasonal overlap**

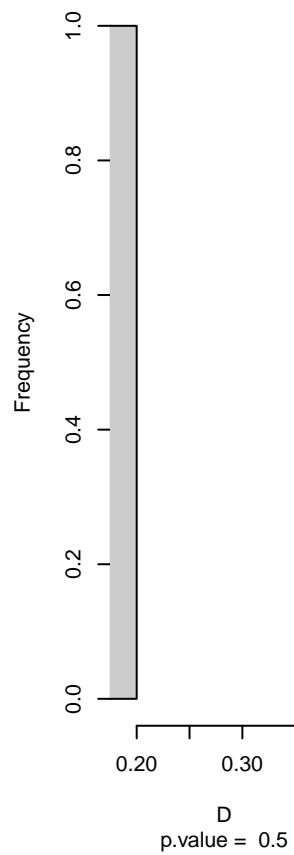


niche overlap:  
D= 0.382

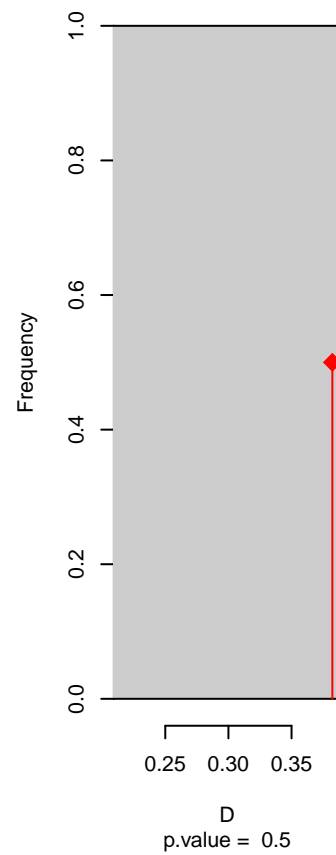
**Equivalency**



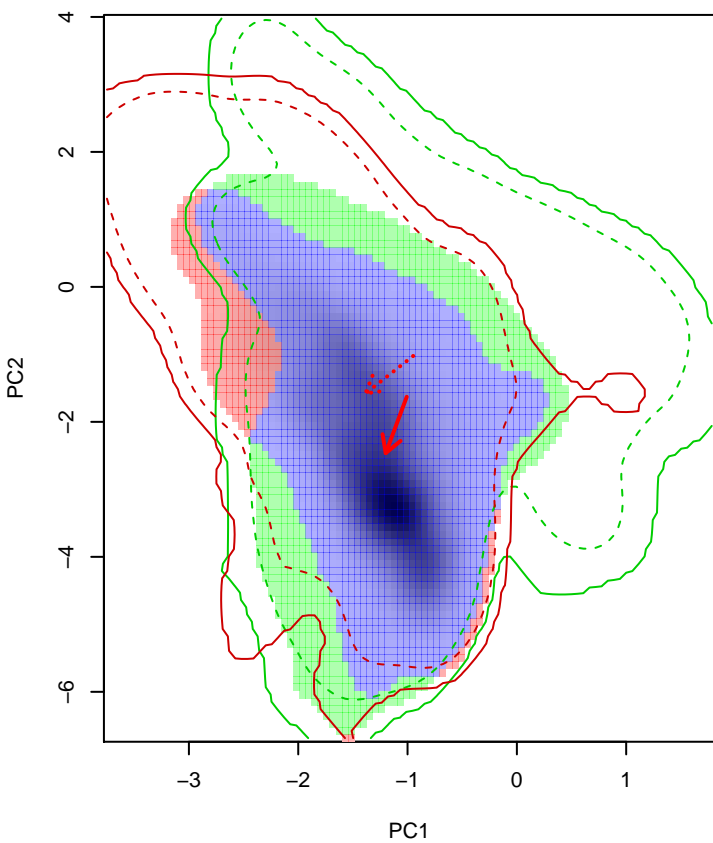
**Similarity 2->1**



**Similarity 1->2**

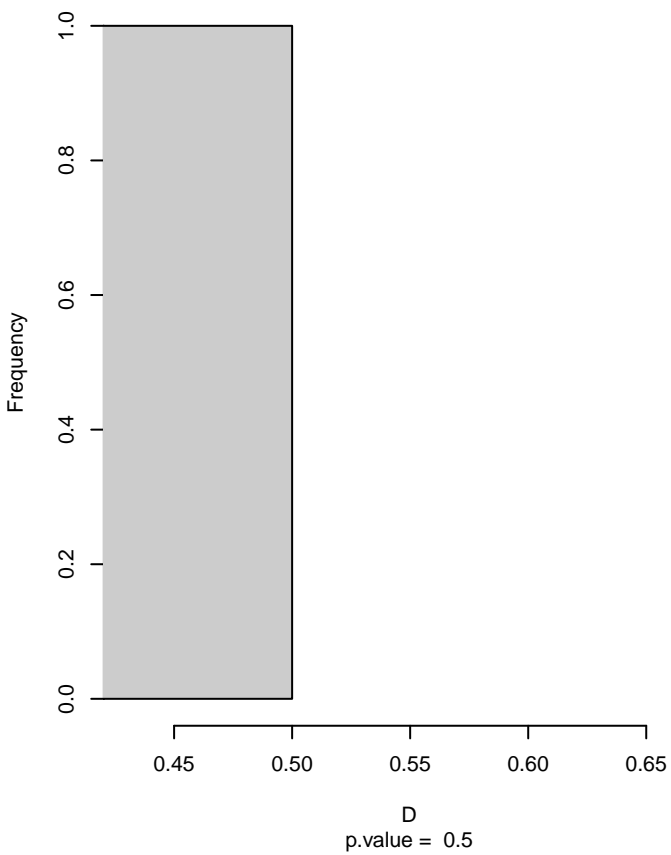


Vireo\_olivaceus seasonal overlap-hypo.br

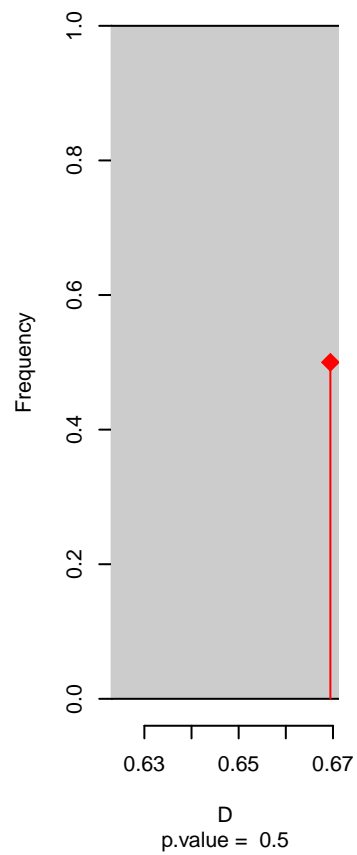


niche overlap:  
D= 0.669

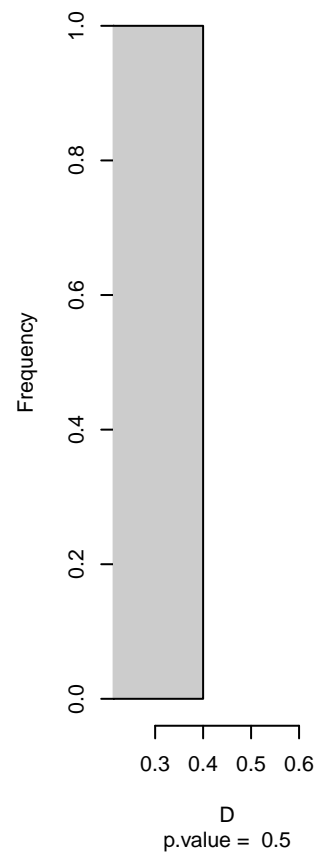
Equivalency



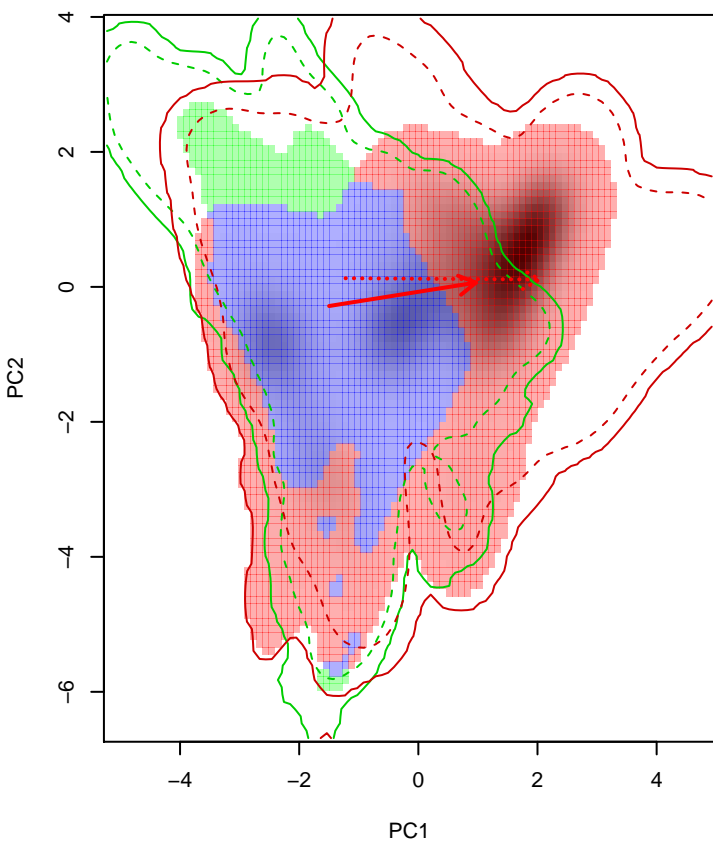
Similarity 2->1



Similarity 1->2

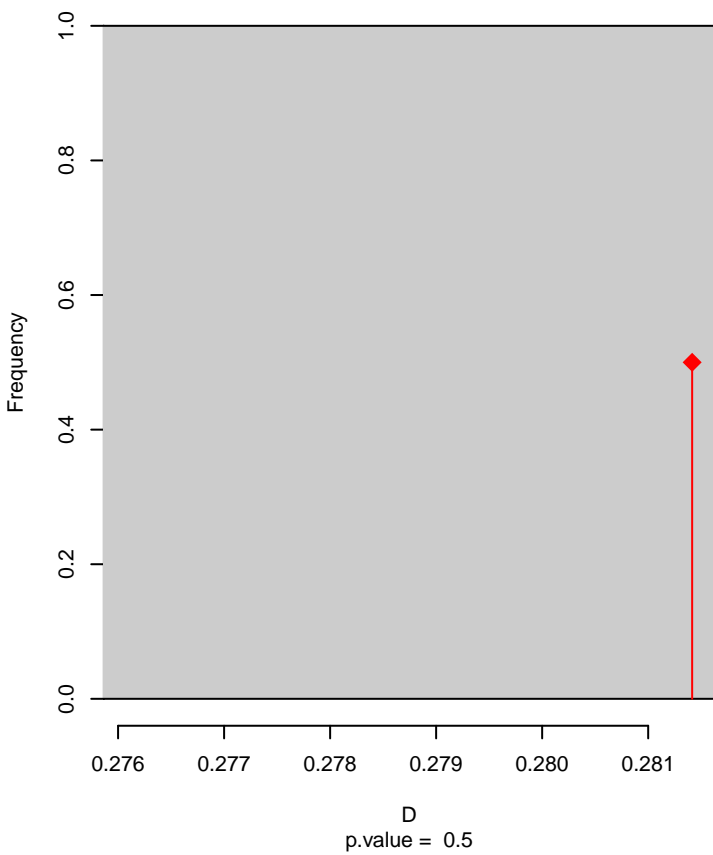


**Vireo\_olivaceus seasonal overlap-hypo wi**

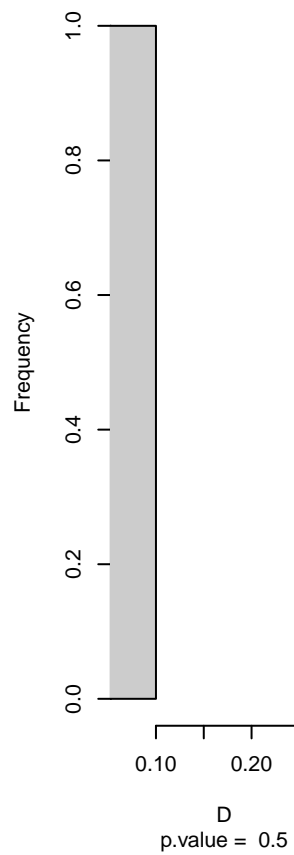


niche overlap:  
D= 0.281

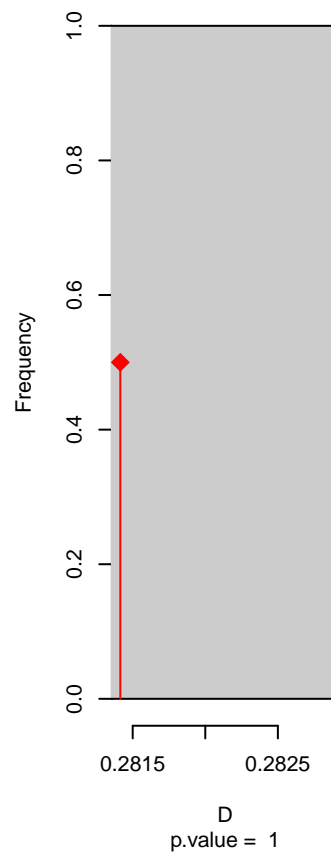
**Equivalency**



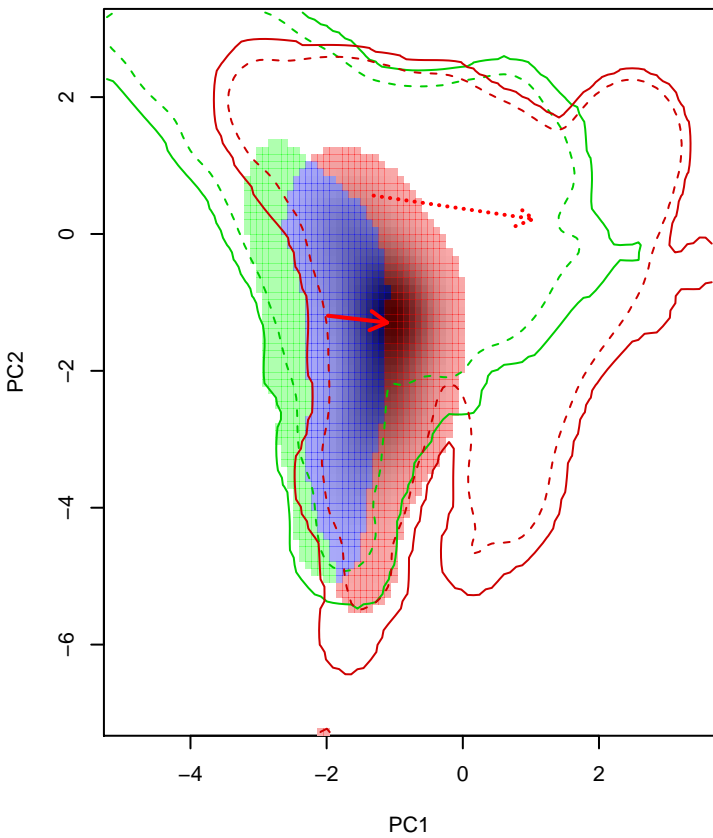
**Similarity 2->1**



**Similarity 1->2**

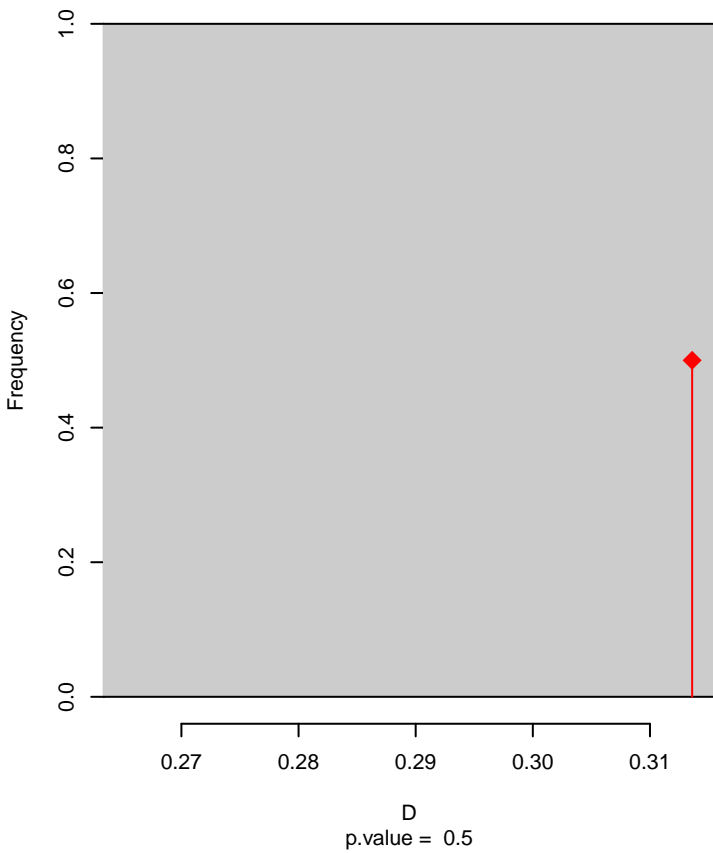


**Vireo\_pallens seasonal overlap**

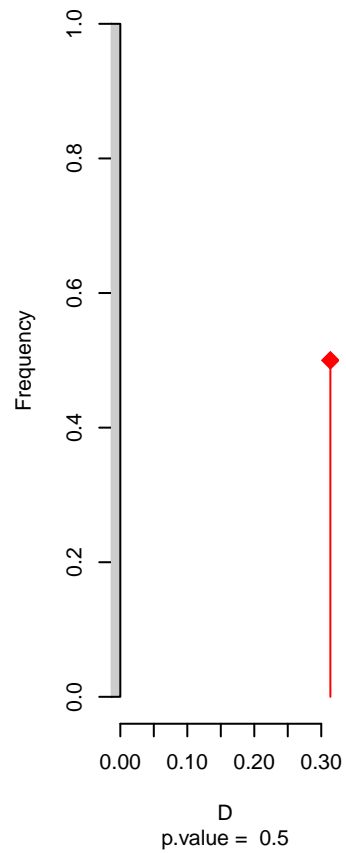


niche overlap:  
D= 0.314

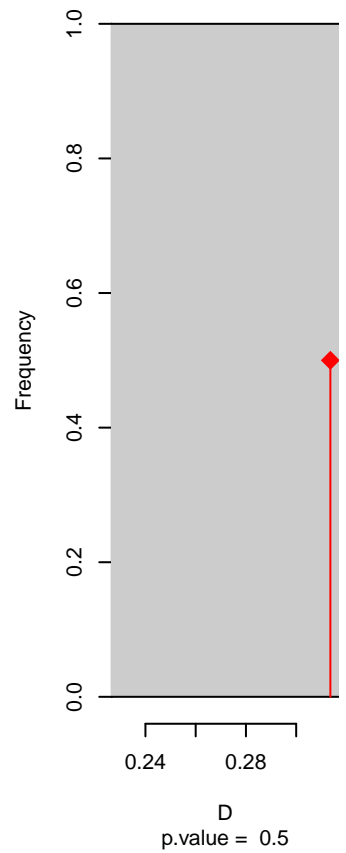
**Equivalency**



**Similarity 2→1**

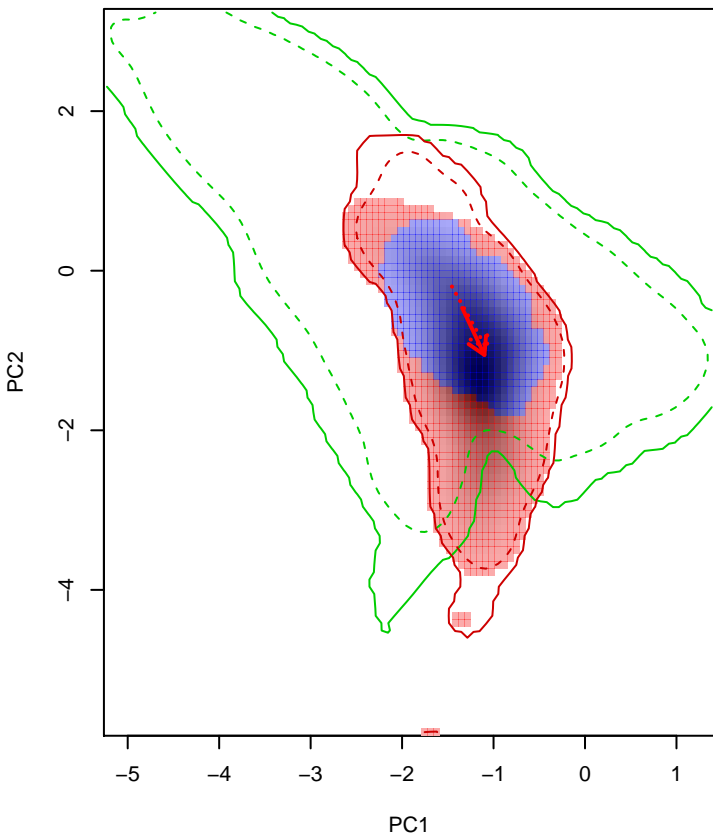


**Similarity 1→2**



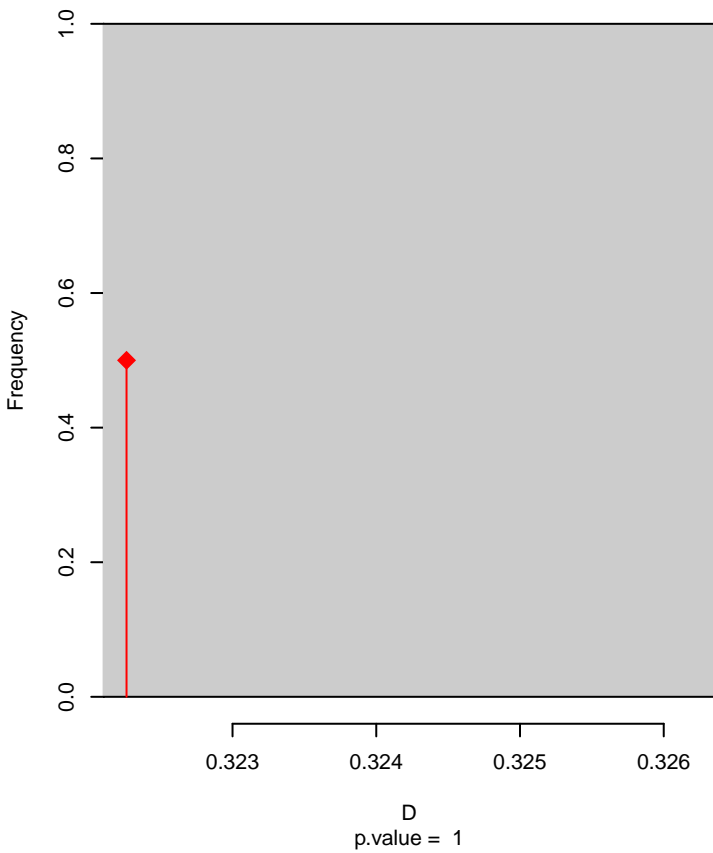


**Vireo\_philadelphicus seasonal overlap**

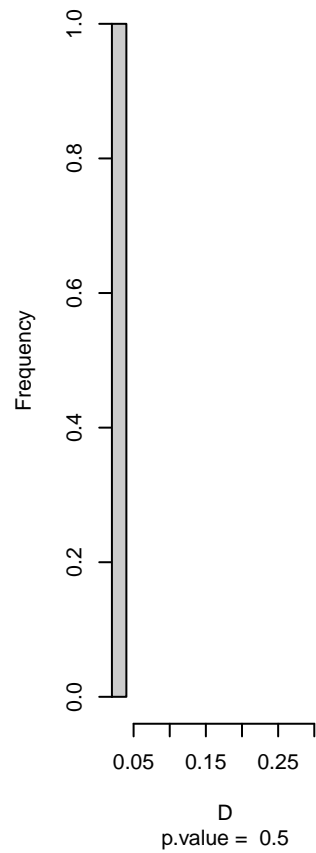


niche overlap:  
D= 0.322

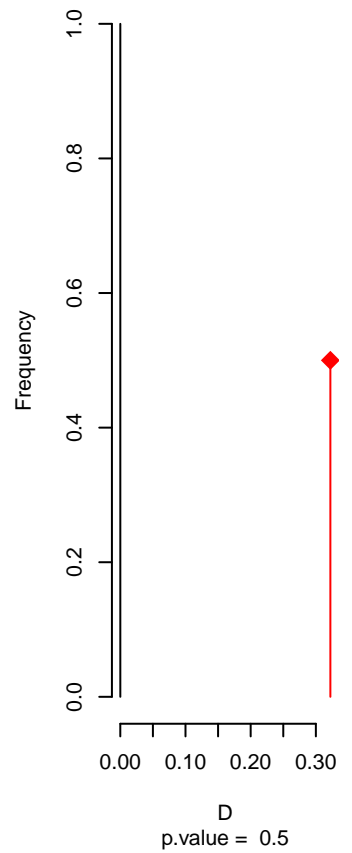
**Equivalency**



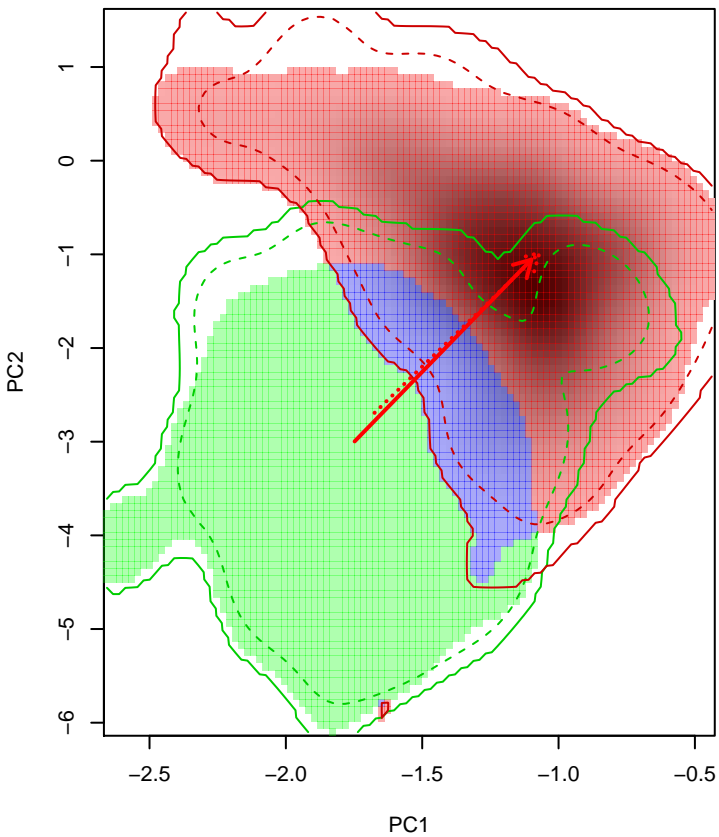
**Similarity 2→1**



**Similarity 1→2**

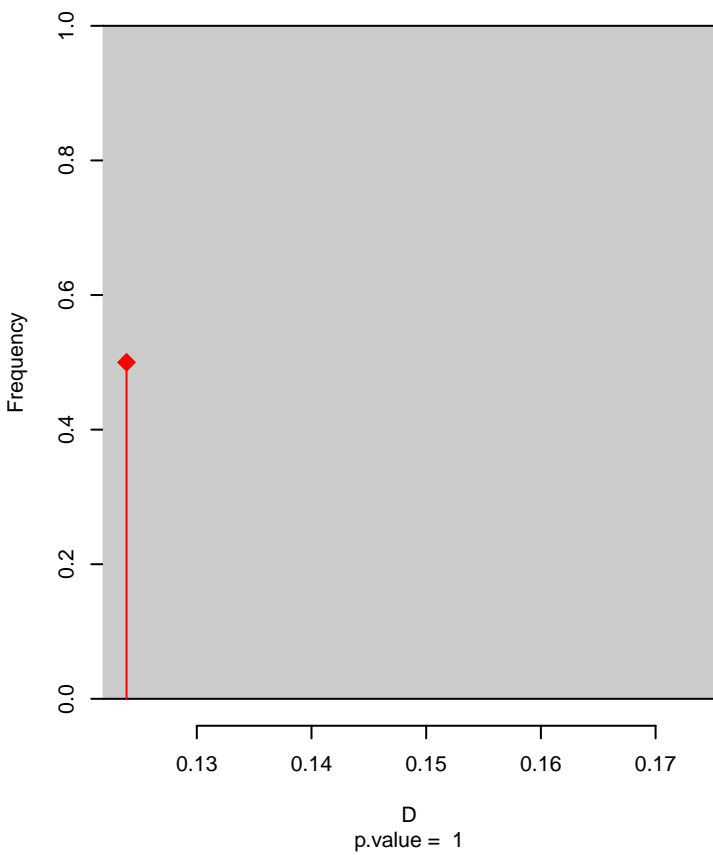


# Vireo\_philadelphicus seasonal overlap-hypo.br

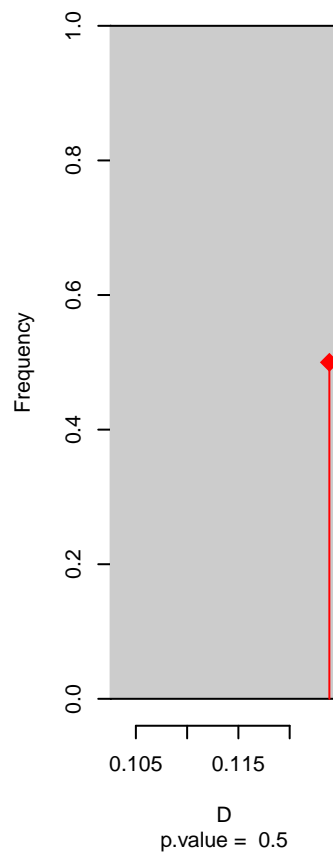


niche overlap:  
D= 0.124

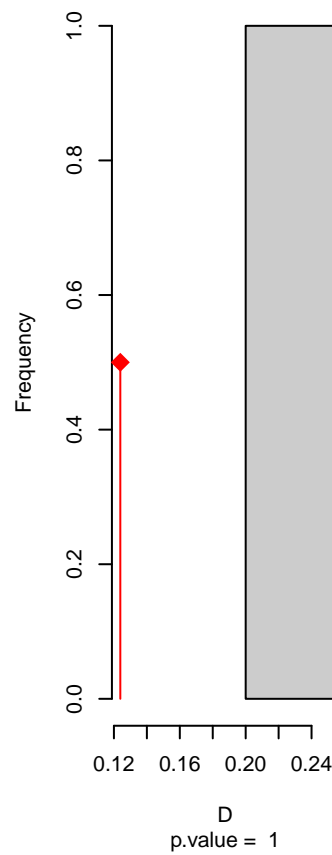
## Equivalency



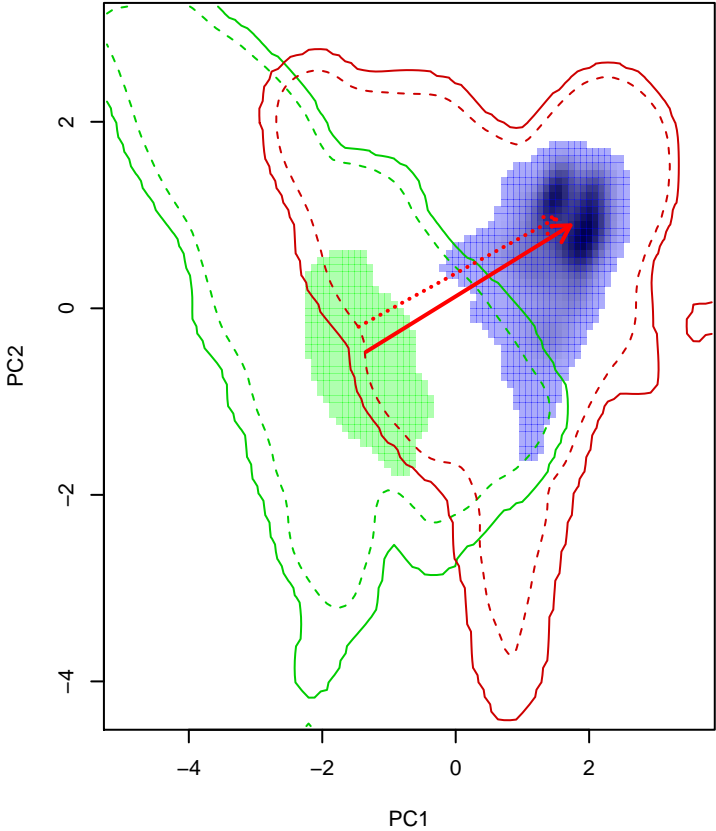
## Similarity 2->1



## Similarity 1->2

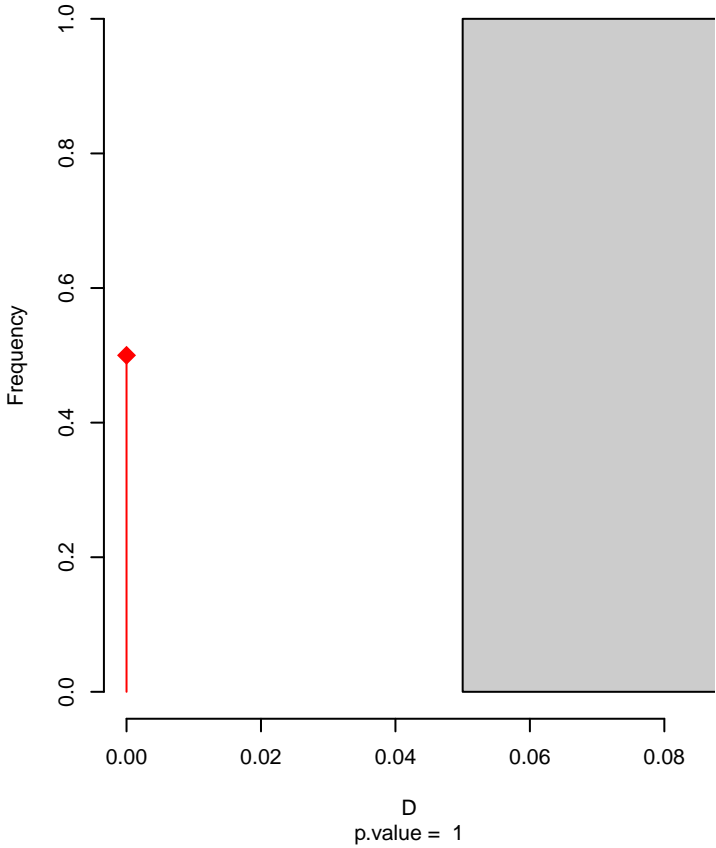


Vireo\_philadelphicus seasonal overlap–hypo wi

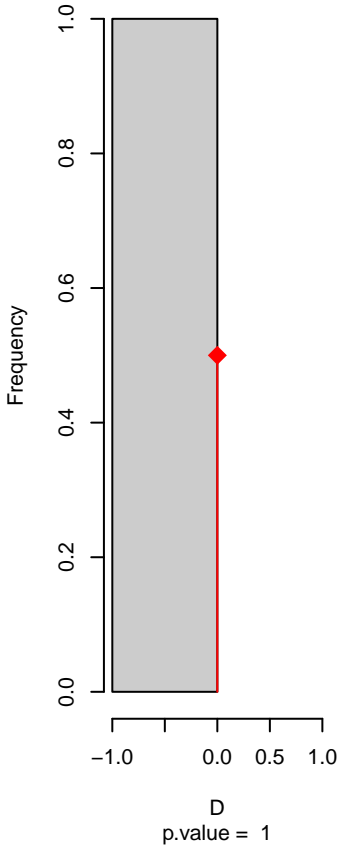


niche overlap:  
D= 0

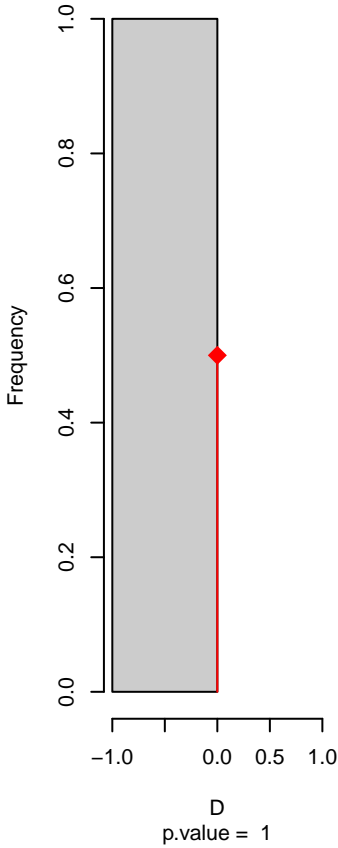
Equivalency



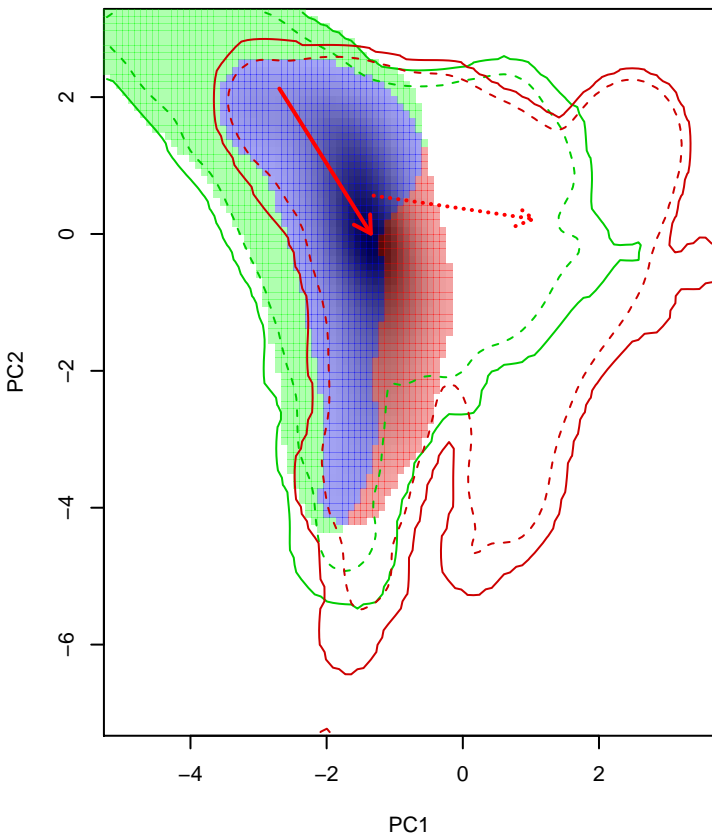
Similarity 2->1



Similarity 1->2

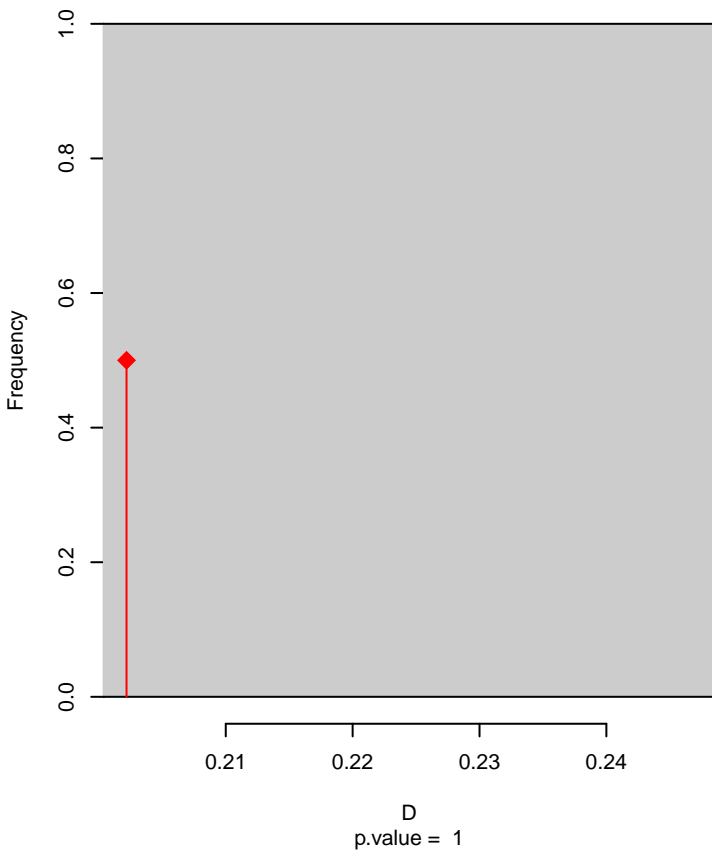


**Vireo\_plumbeus seasonal overlap**

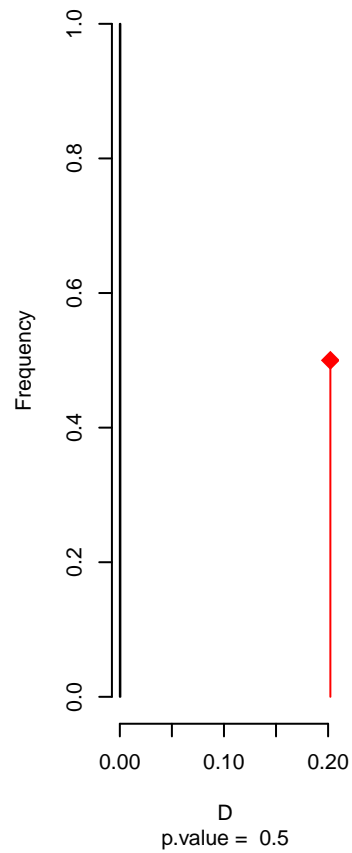


niche overlap:  
D= 0.202

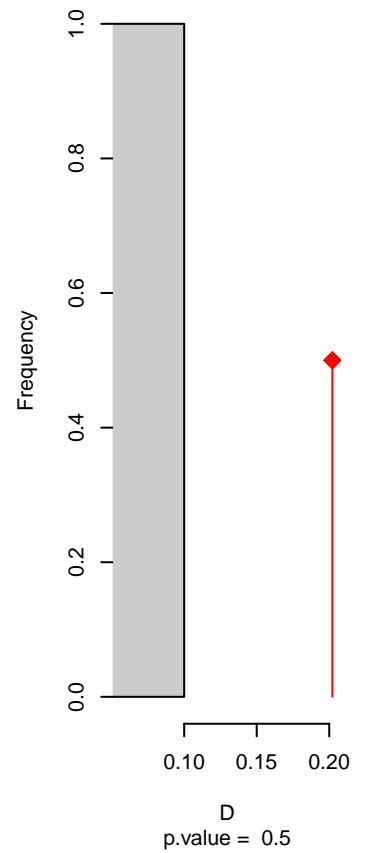
**Equivalency**



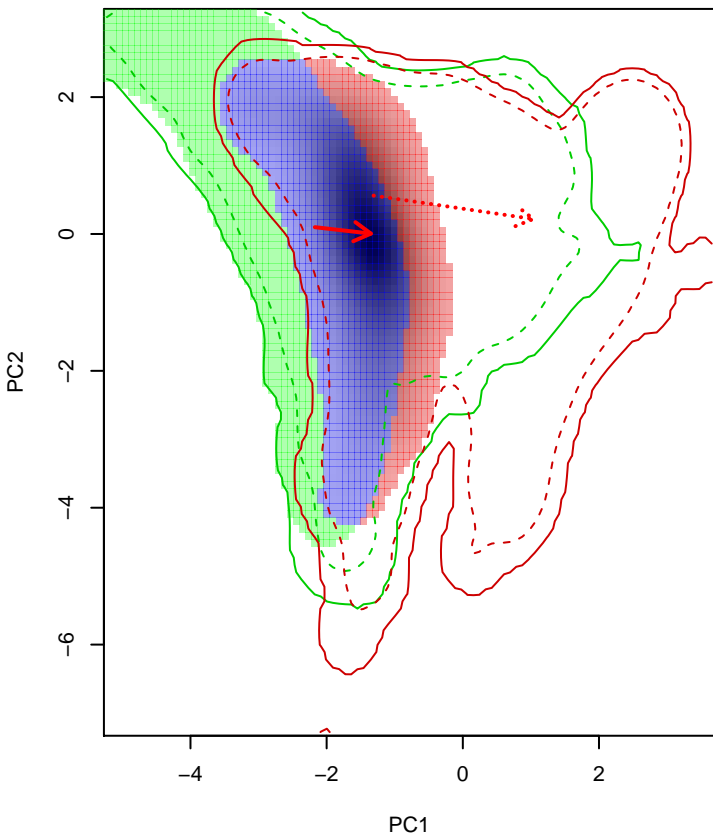
**Similarity 2→1**



**Similarity 1→2**

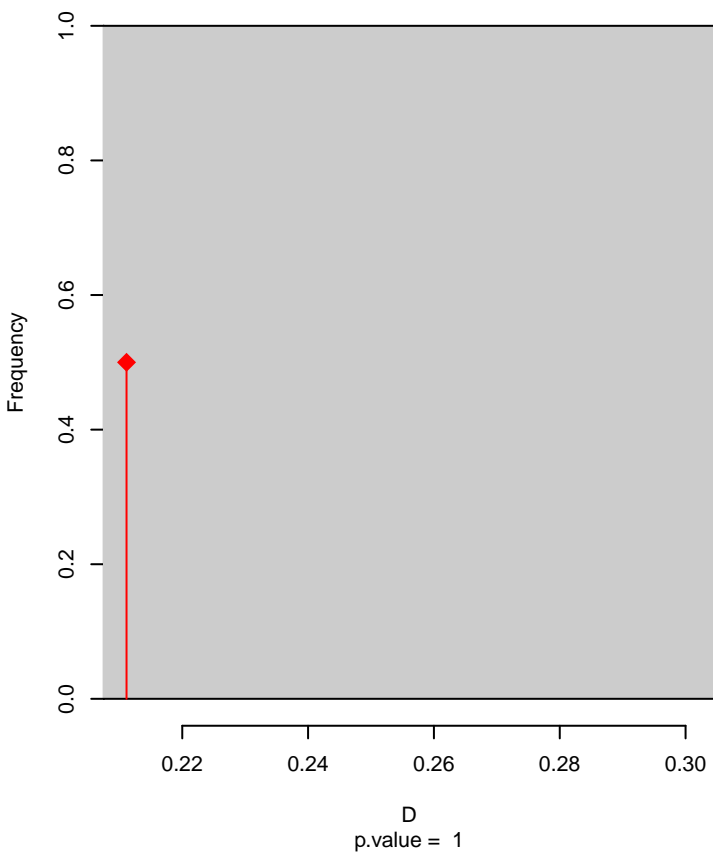


Vireo\_plumbeus seasonal overlap-hypo.br

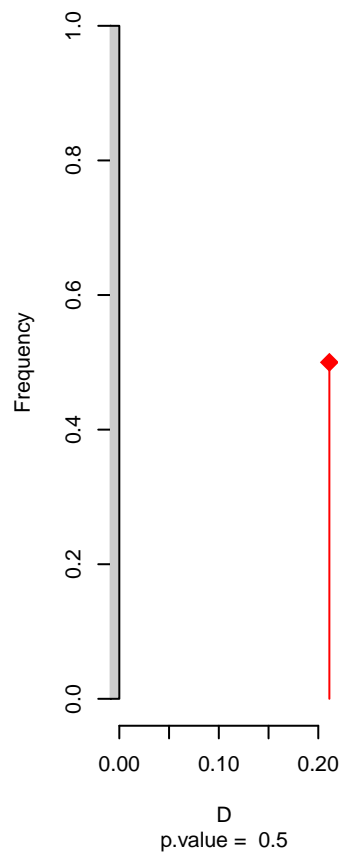


niche overlap:  
D= 0.211

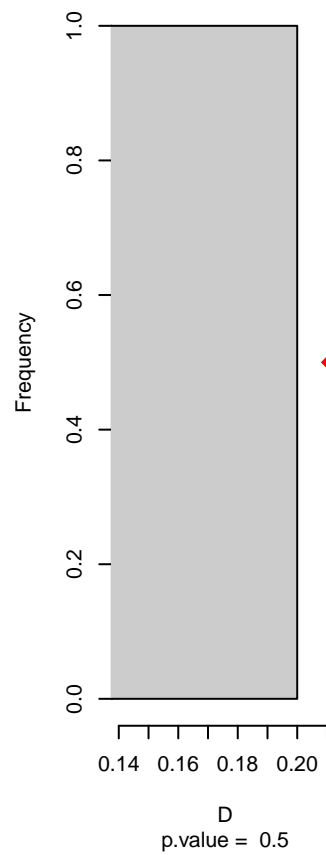
Equivalency



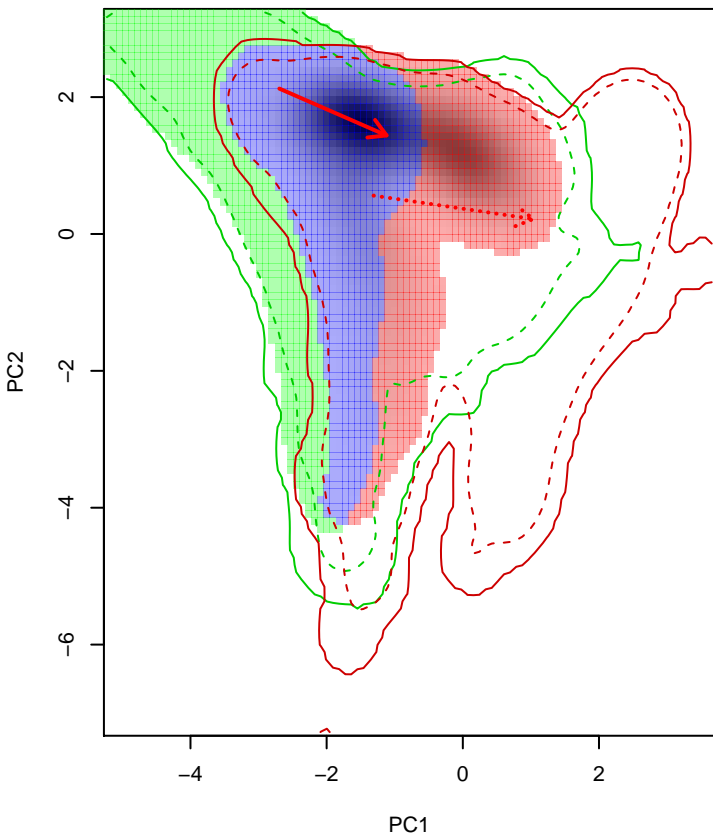
Similarity 2→1



Similarity 1→2

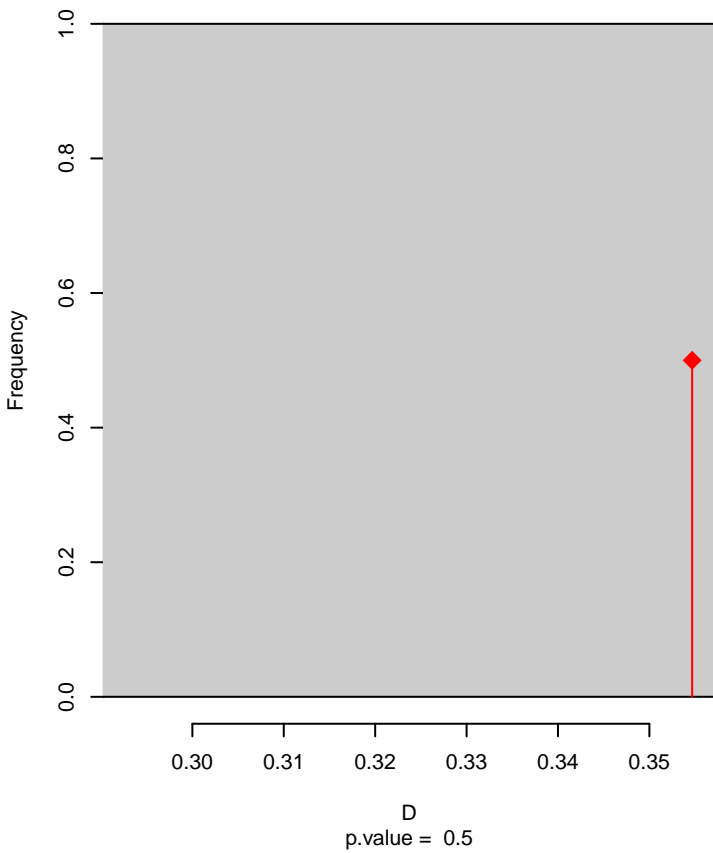


**Vireo\_plumbeus seasonal overlap-hypo wi**

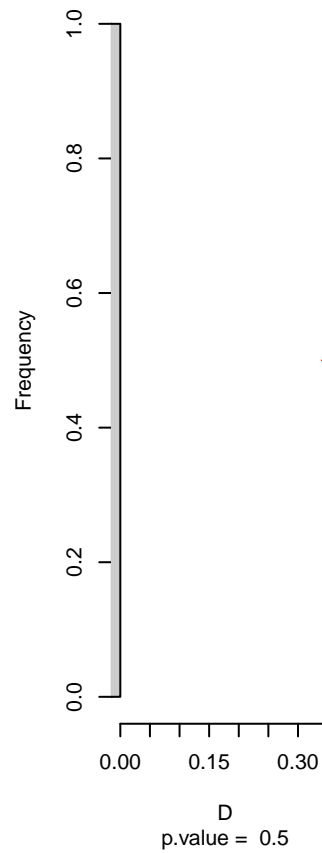


niche overlap:  
D= 0.355

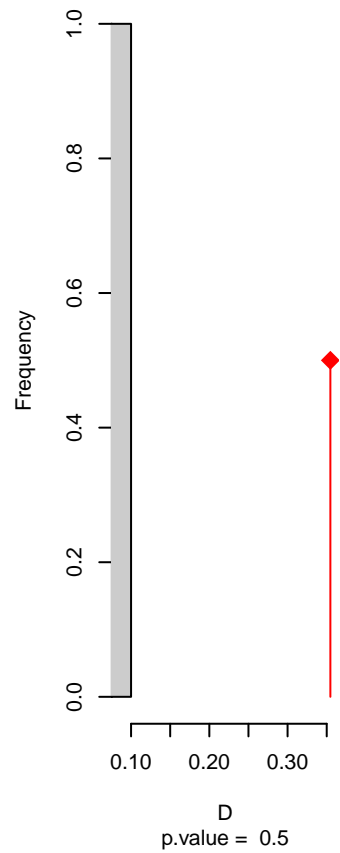
**Equivalency**



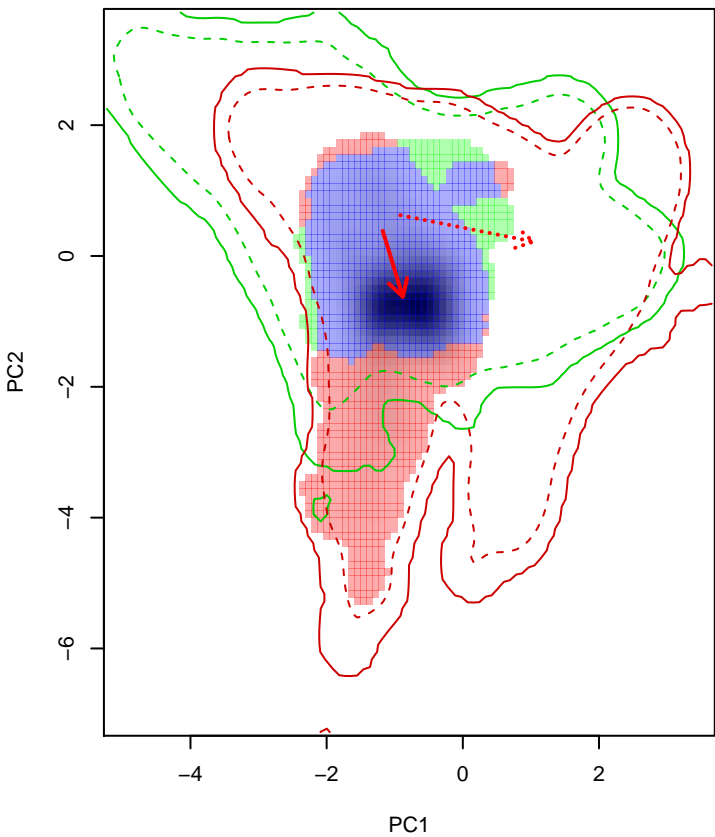
**Similarity 2→1**



**Similarity 1→2**

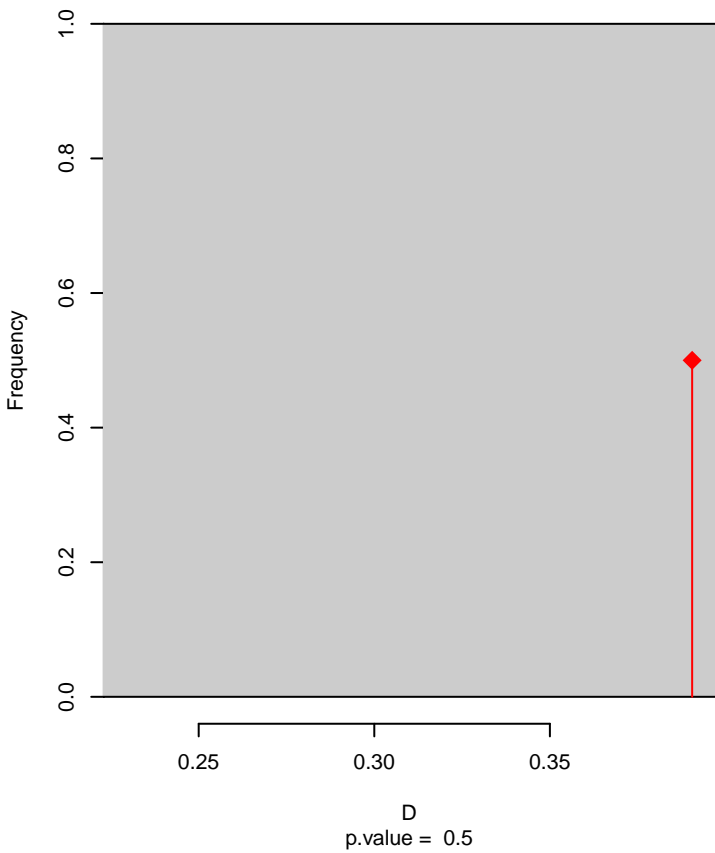


**Vireo\_solitarius seasonal overlap**

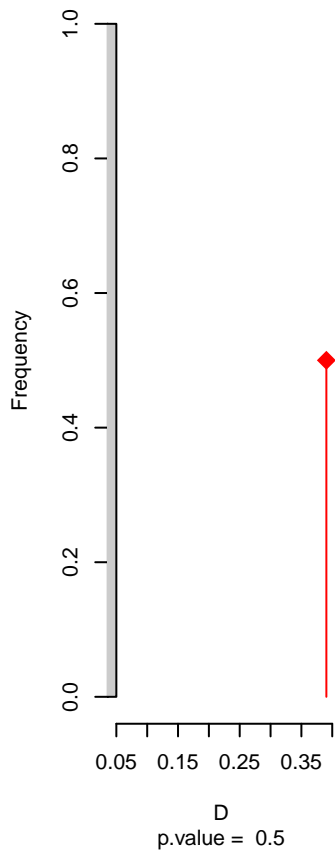


niche overlap:  
D= 0.391

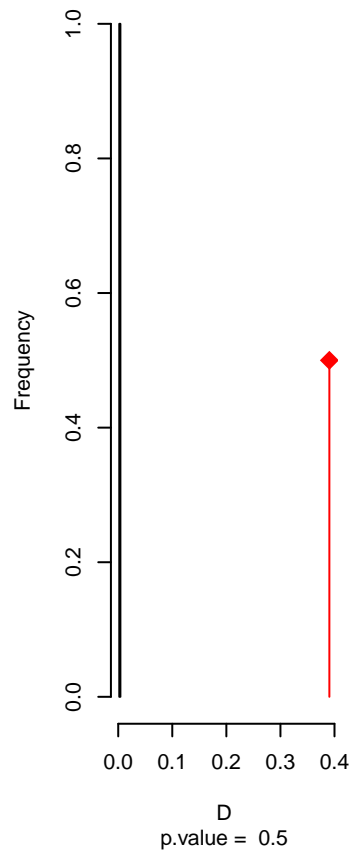
**Equivalency**



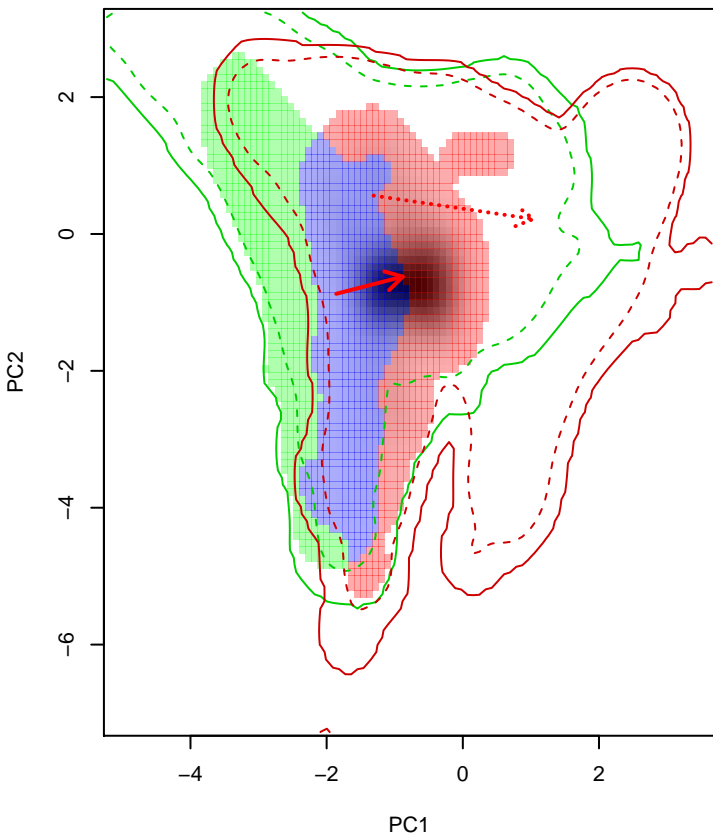
**Similarity 2→1**



**Similarity 1→2**

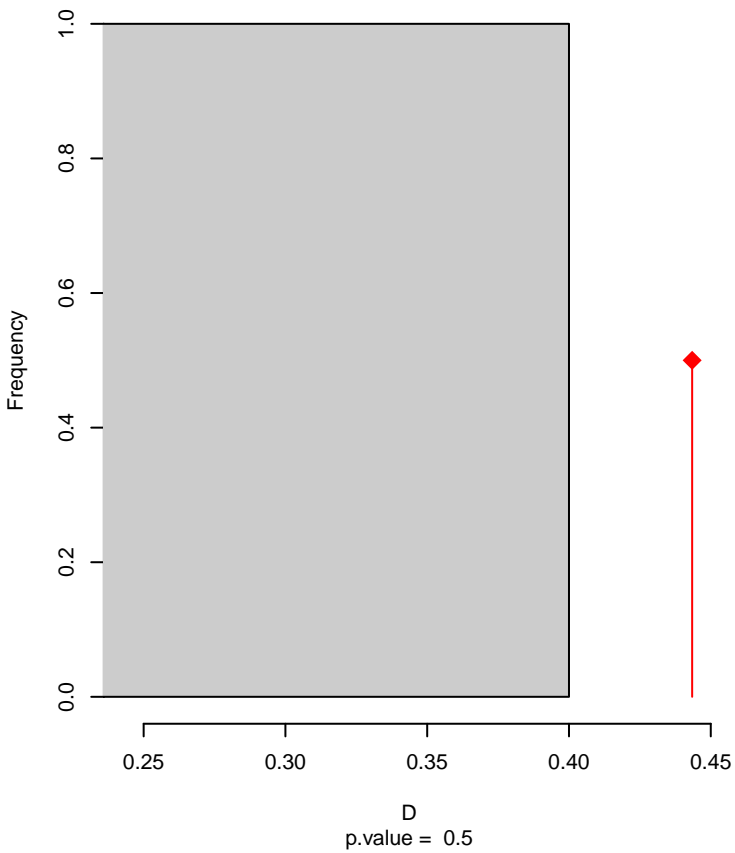


Vireo\_solitarius seasonal overlap-hypo.br

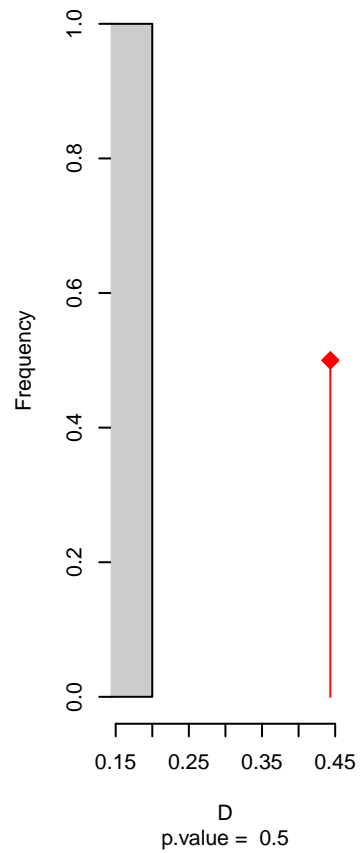


niche overlap:  
D= 0.443

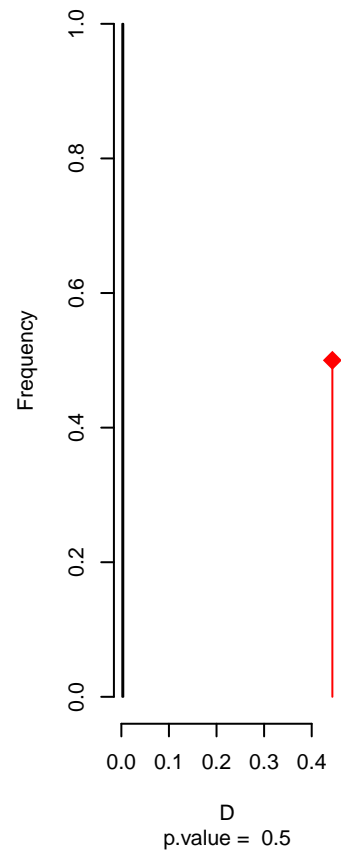
Equivalency



Similarity 2→1

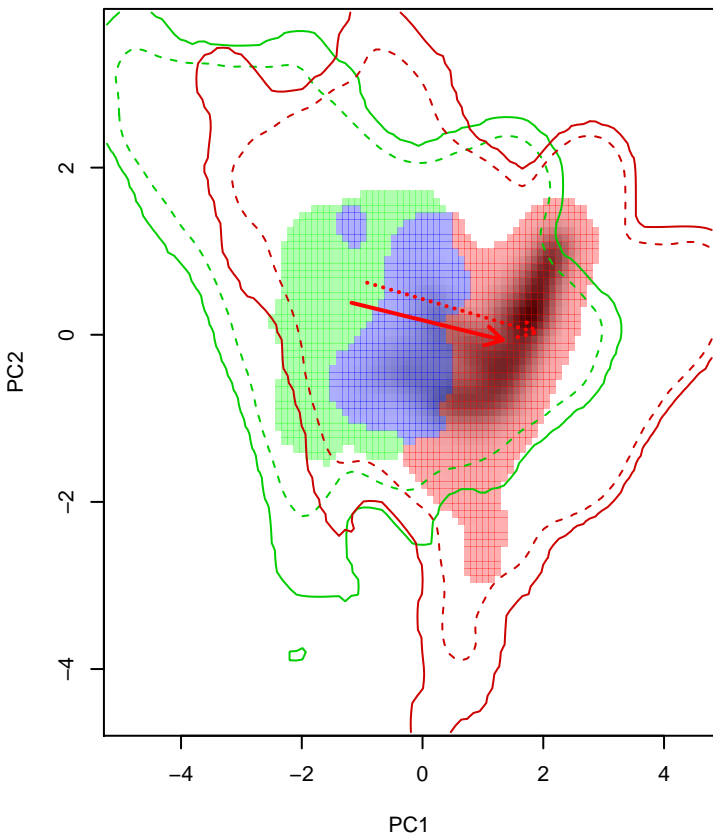


Similarity 1→2



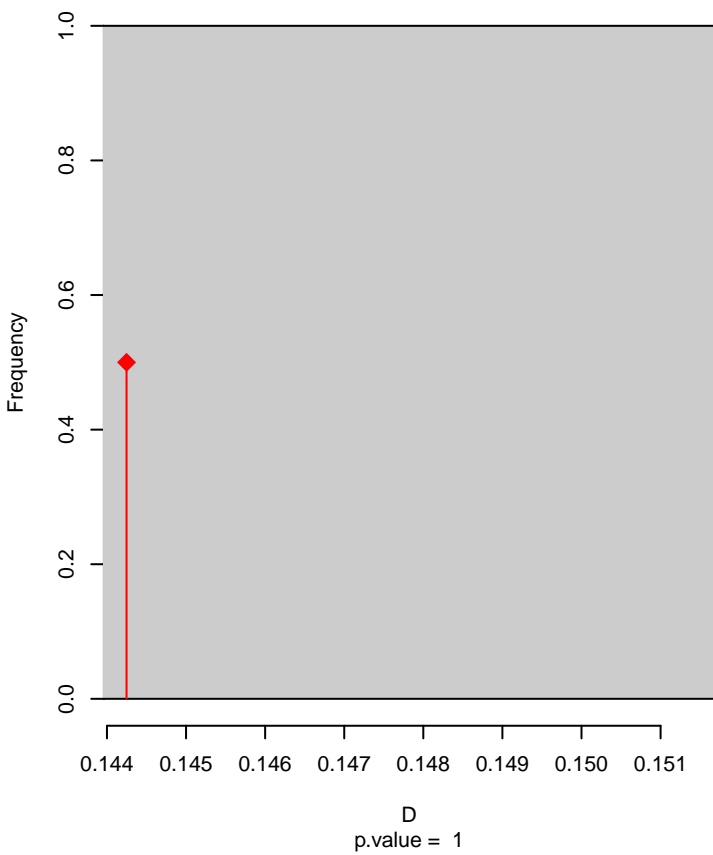


# Vireo\_solitarius seasonal overlap-hypo wi

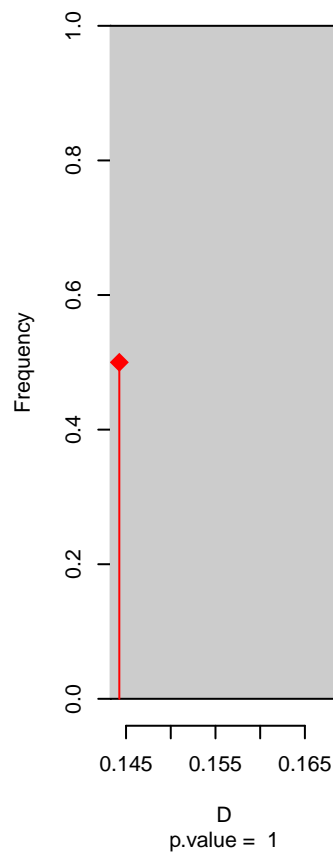


niche overlap:  
D= 0.144

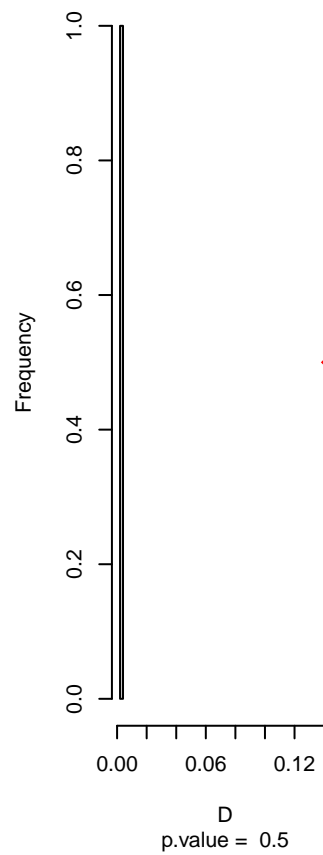
## Equivalency



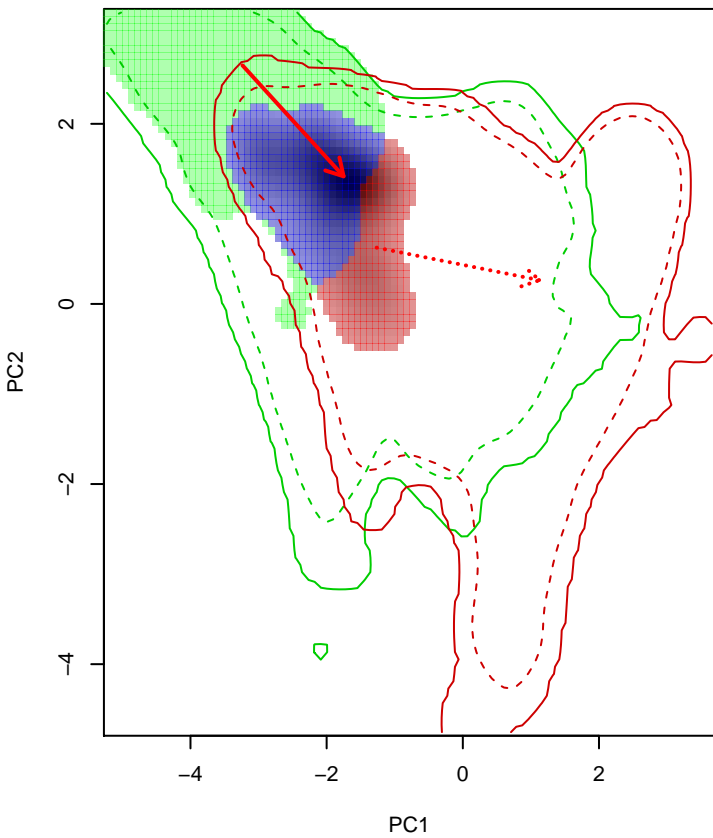
## Similarity 2->1



## Similarity 1->2

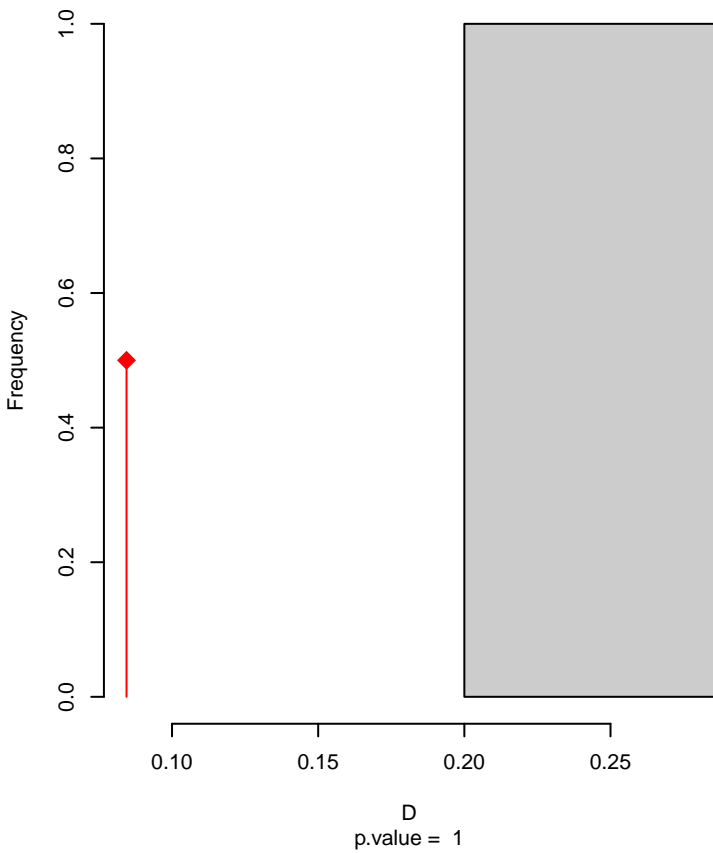


**Vireo\_vicinior seasonal overlap**

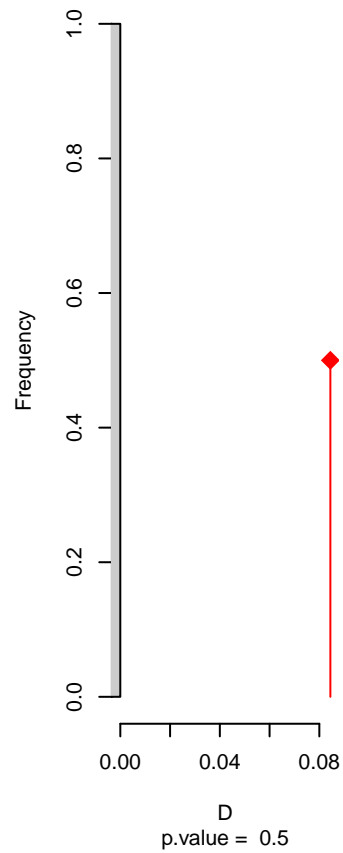


niche overlap:  
D= 0.084

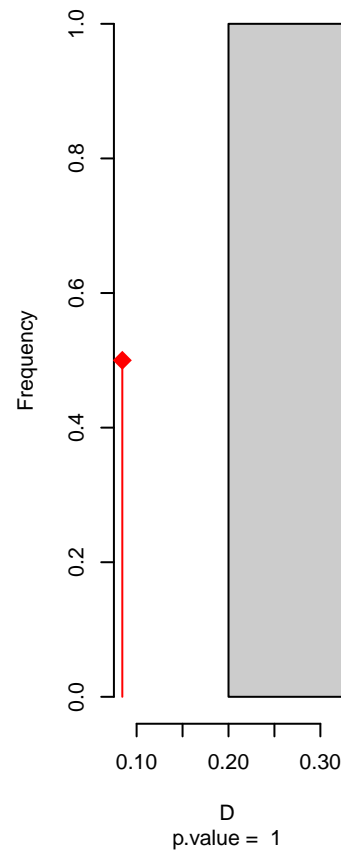
**Equivalency**



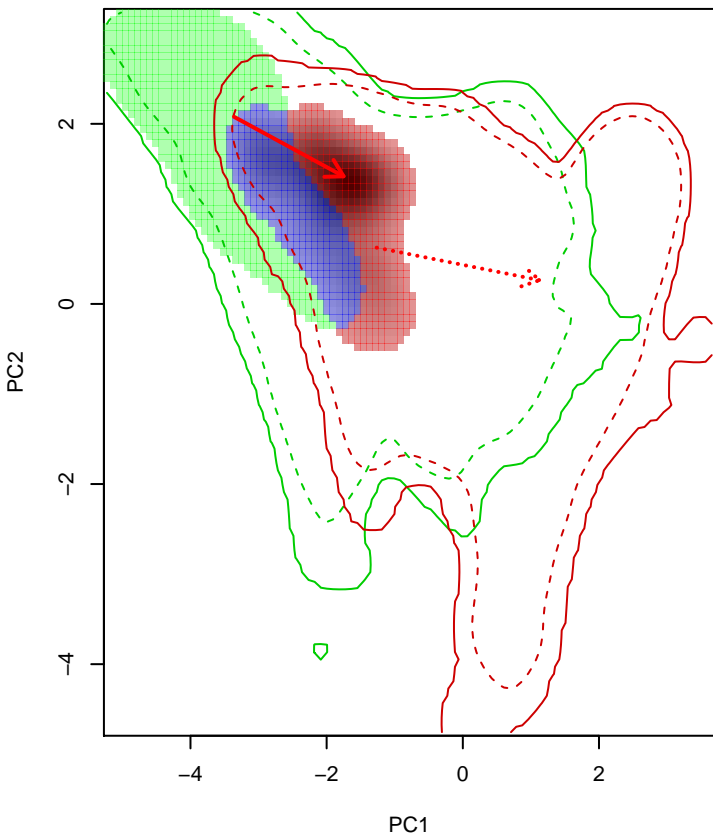
**Similarity 2→1**



**Similarity 1→2**

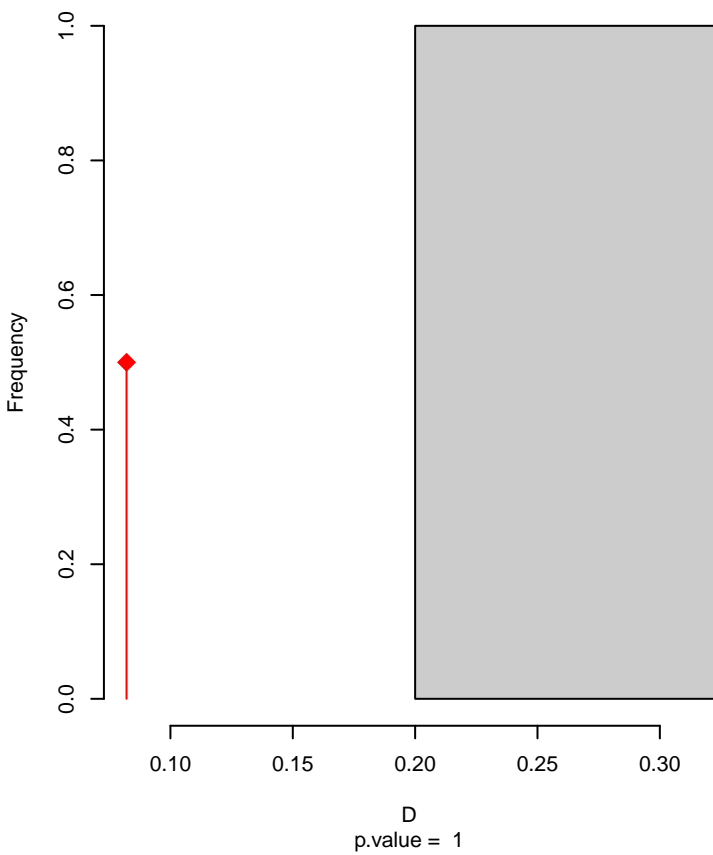


Vireo\_vicinior seasonal overlap-hypo.br

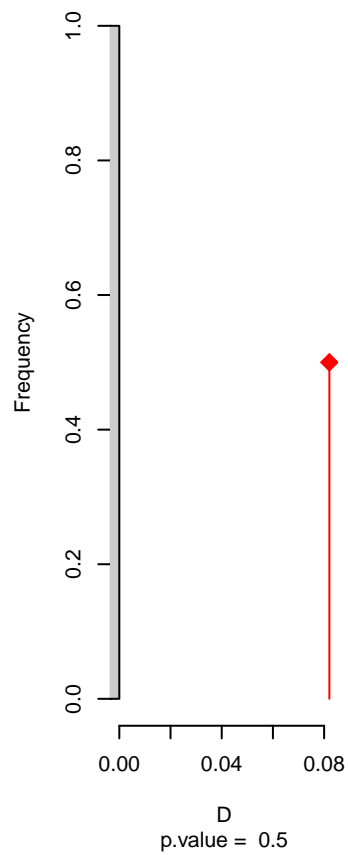


niche overlap:  
D= 0.082

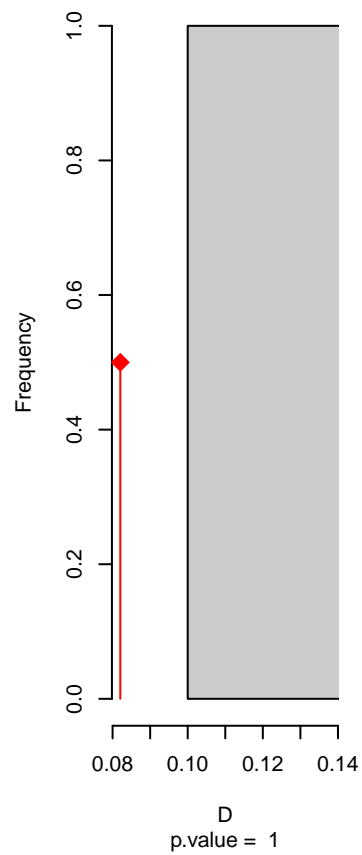
Equivalency



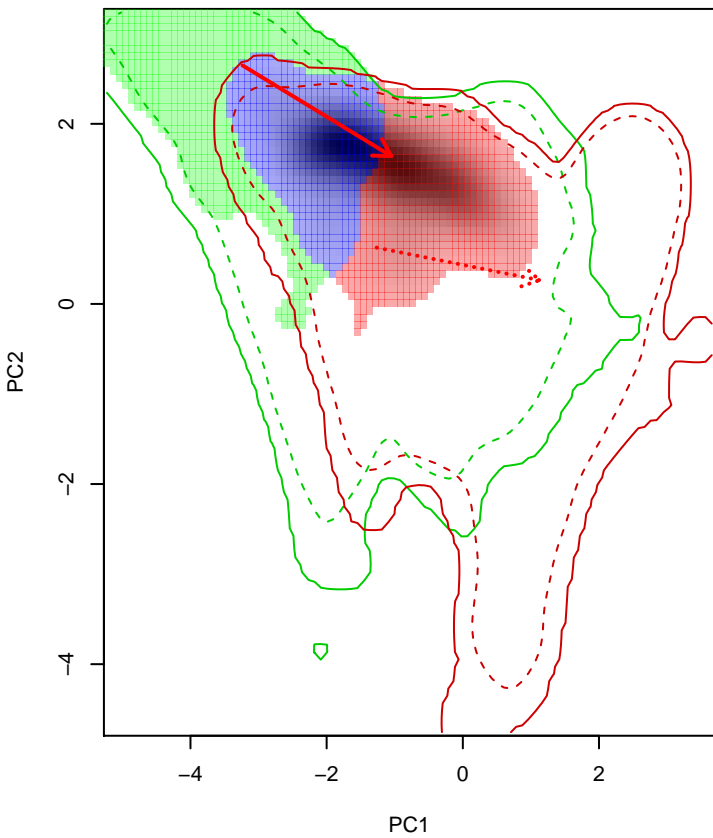
Similarity 2->1



Similarity 1->2

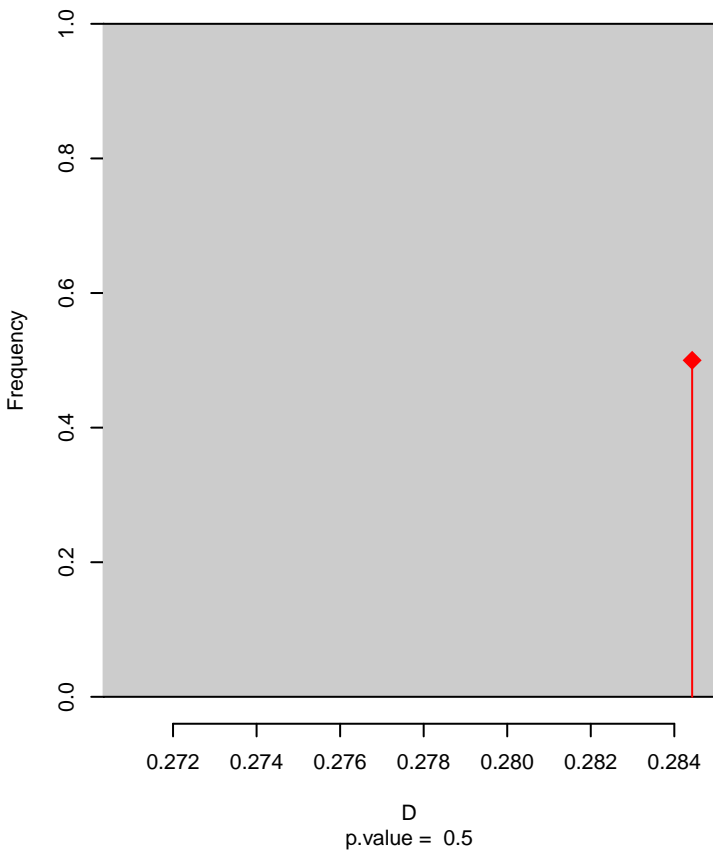


Vireo\_vicinior seasonal overlap-hypo wi

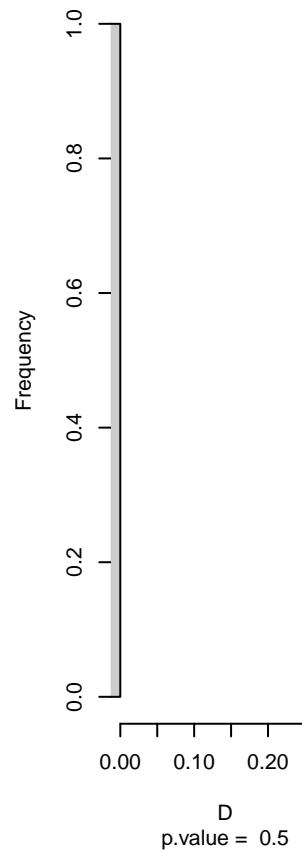


niche overlap:  
D= 0.284

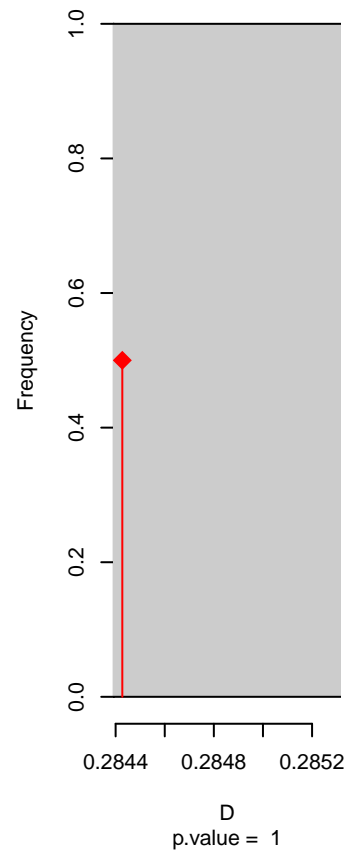
Equivalency



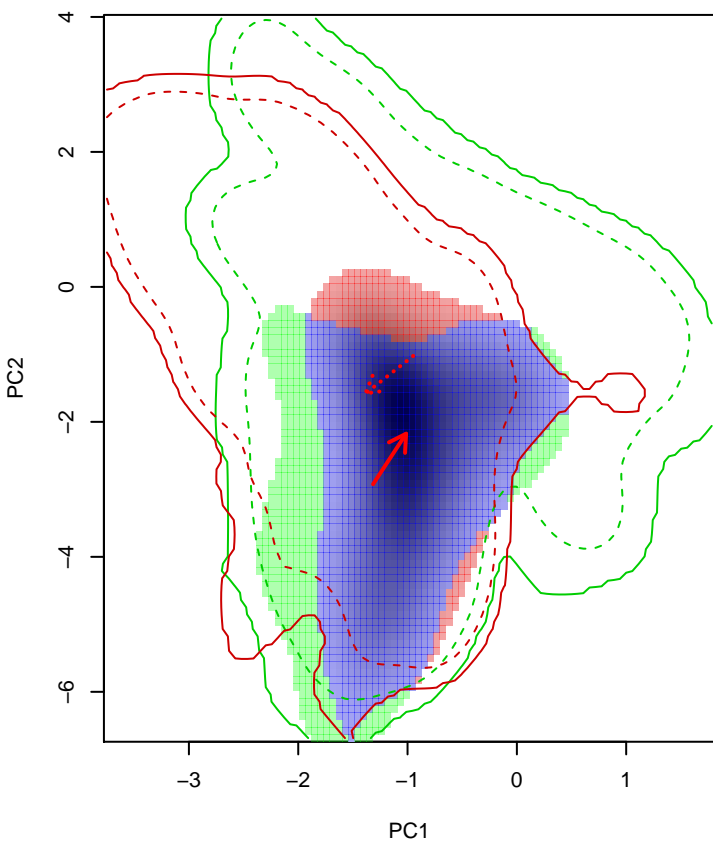
Similarity 2→1



Similarity 1→2

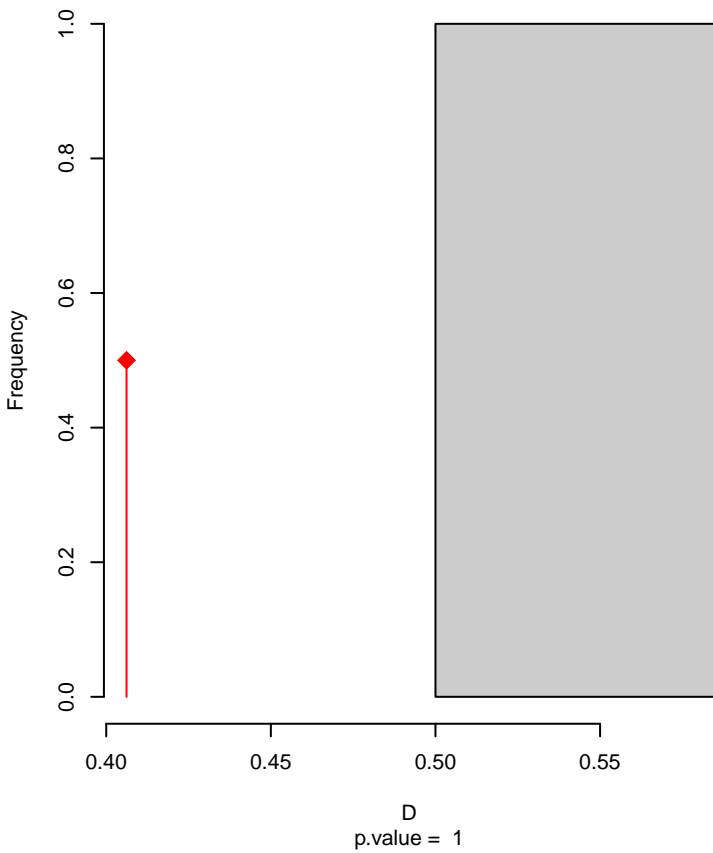


**Vireolanius\_eximius seasonal overlap**

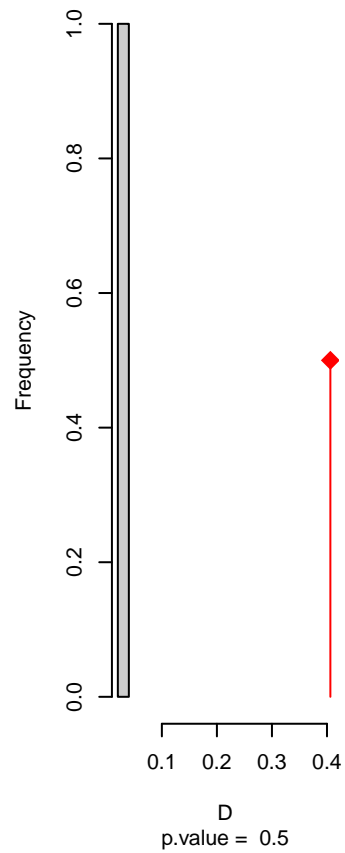


niche overlap:  
D= 0.406

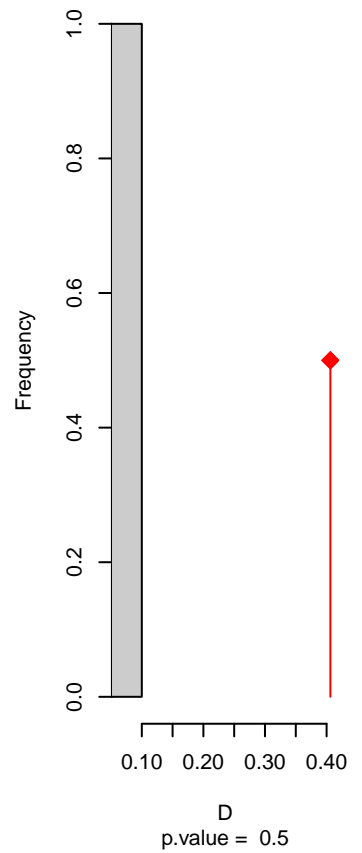
**Equivalency**



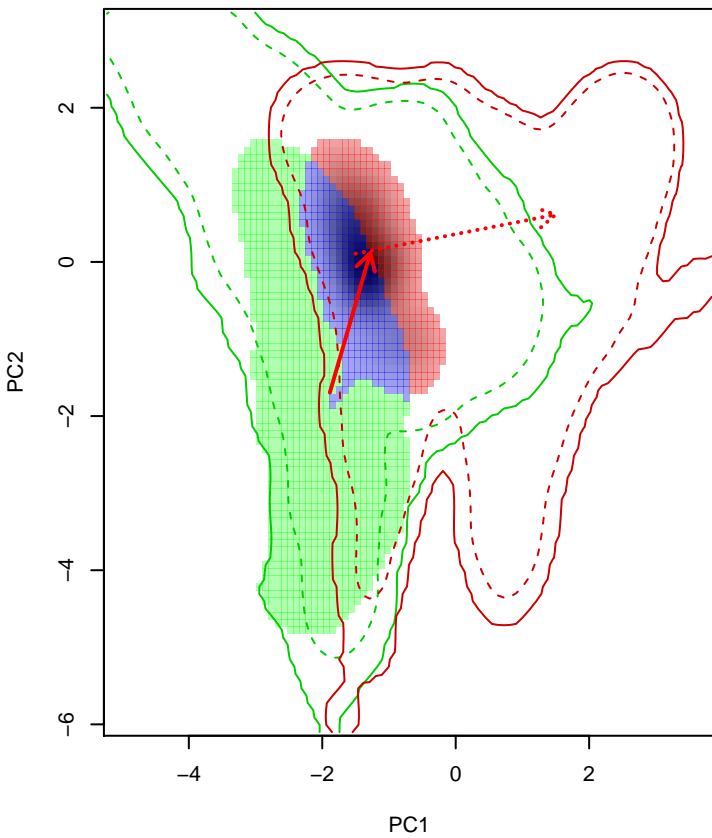
**Similarity 2→1**



**Similarity 1→2**

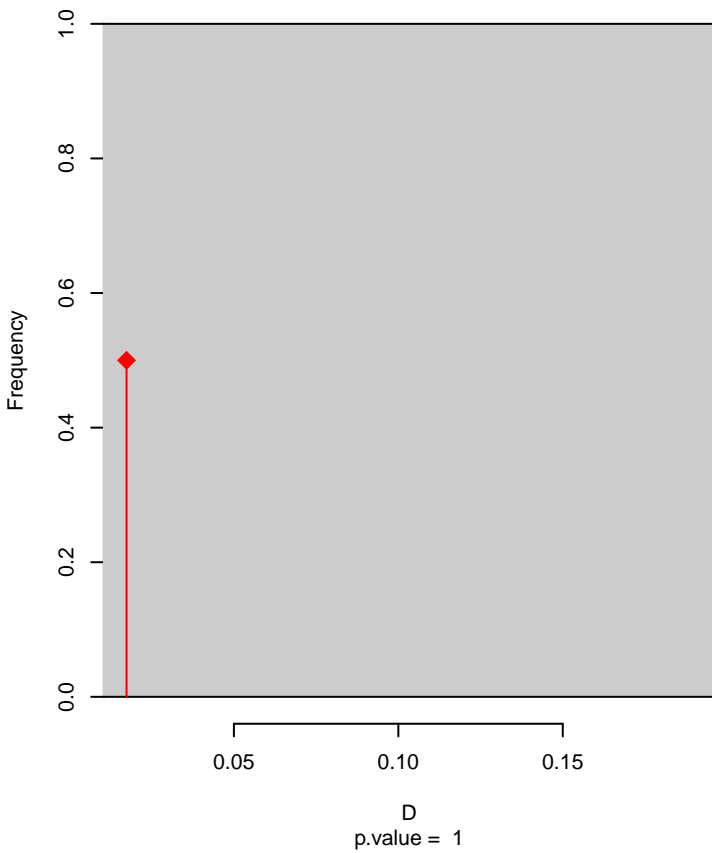


**Vireolanius\_melitophrys seasonal overlap**

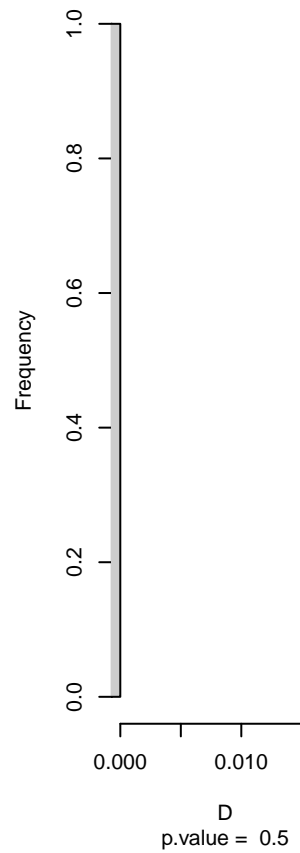


niche overlap:  
D= 0.017

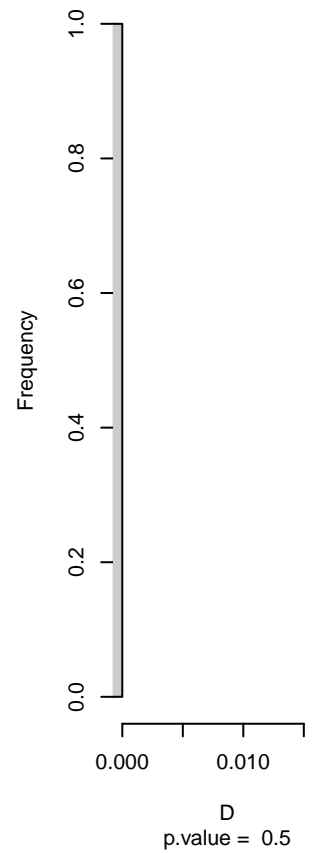
**Equivalency**



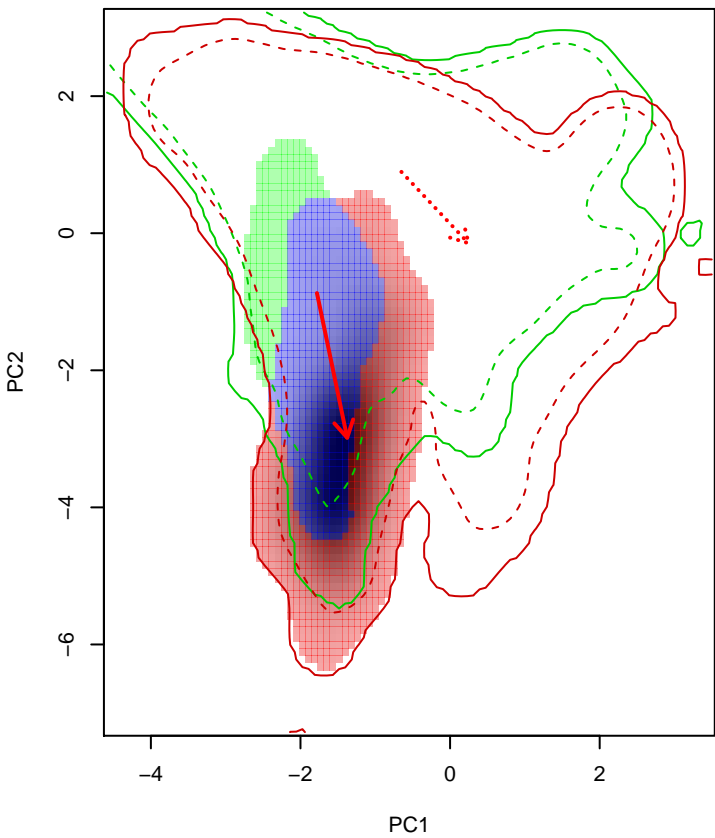
**Similarity 2→1**



**Similarity 1→2**

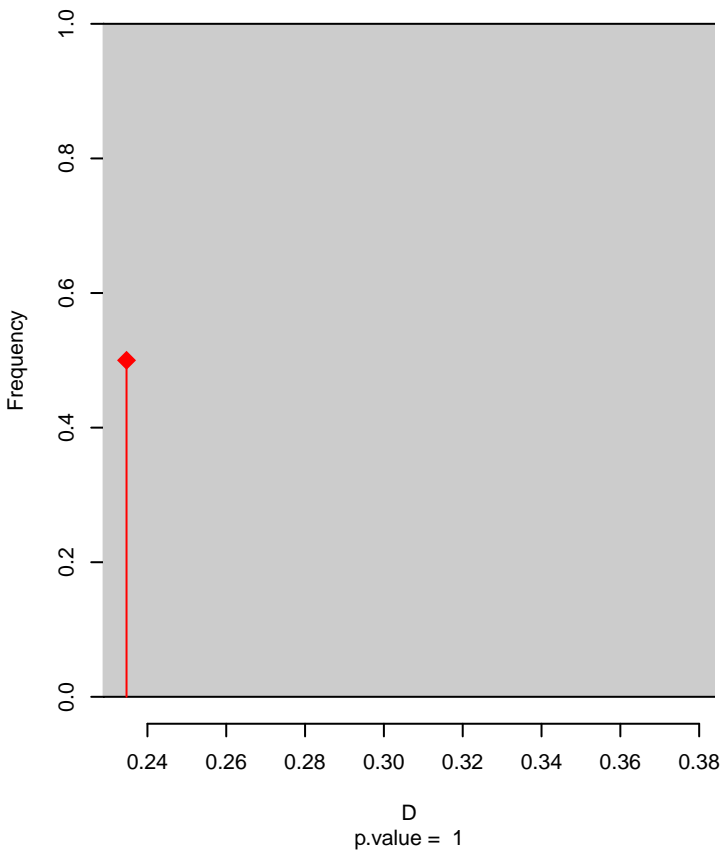


**Vireolanius\_pulchellus seasonal overlap**

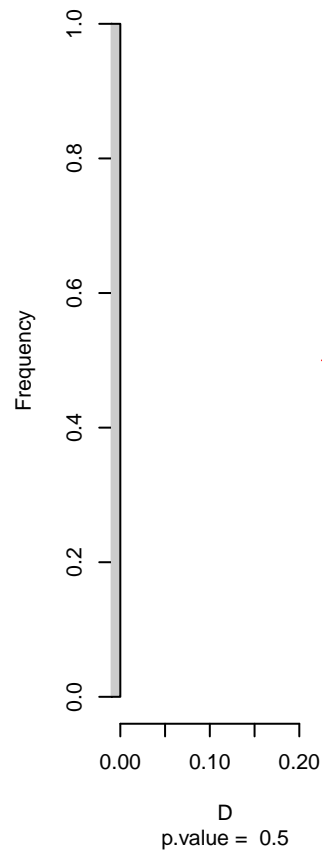


niche overlap:  
D= 0.235

**Equivalency**



**Similarity 2→1**



**Similarity 1→2**

