

## Index of Funtions

Key to files:        **W2**        Week2\_vignette  
                          **W2b**        Week2\_bonus\_vignette

	W0	W1	W2	W2b	W3	W4	W5	W6	W7	W8	W8b	W9	W10	W11	W12	W13	W14
abline					X		X	X	X								X
abs						X											
add.pie												X					
aes						X			X	X							X
aggregate													X				
AIC						X		X									
allel.rich					X												
alleles	X																
amova																	X
anova								X									
Anova								X									
append										X							
apply			X		X							X		X			
array										X		X					
arrow																	X
as.character	X			X										X			
as.data.frame			X			X			X							X	
as.dist							X										X
as.factor								X				X					X
as.mask										X							
as.matrix										X							X
as.numeric	X		X									X	X	X			
as.tibble		X	X			X	X	X	X	X							
as.vector							X										X
attr									X						X		
attributes							X										
axis												X					
barplot					X							X					
binomial																	X
biocLite												X		X			
boxplot								X	X								
brewer.pal												X					
bubble			X			X											
capture.output											X						
cat	X				X					X	X						
cbind	X						X					X			X		X
cbind.data.frame														X			
chooseCN							X										
class	X		X	X					X		X						
ClassStat			X														
close											X						
cohen.d						X											
colMeans					X						X						

[illegible]

[illegible]

	W0	W1	W2	W2b	W3	W4	W5	W6	W7	W8	W8b	W9	W10	W11	W12	W13	W14
image							X										
import											X						
include_graphics		X															
init.poppensim										X							
install.packages			X					X	X	X		X					
intersect	X																
intersectcor														X			
is_heterozygote	X																
is.element						X				X							
is.na			X			X			X	X				X		X	X
kde2d							X										
knn.graph																X	
Krig												X					
lapply							X		X	X	X	X			X		X
layer				X													
layerStats			X														
legend												X	X				
length	X		X				X			X		X	X	X			
levelplot				X													
levels			X	X						X		X					
lfmm														X			
lFormula															X		
library	X							X		X	X			X	X	X	X
lines							X						X				
list	X		X	X			X		X	X					X		
list.files										X							
listw2mat									X								
lm					X	X	X	X	X			X					X
lm.morantest									X								
lmer								X									X
load										X	X						
locus	X																
loess.smooth							X										
log									X								X
logical	X																
logLik															X		
lower.tri										X							X
ls	X																
make.grid										X							
makefreq					X												
mantel																	X
mantel.randtest							X										
map												X					X
match								X									
matrix	X		X		X				X			X					
max										X							
mclapply											X						
MCMCCV										X							

	W0	W1	W2	W2b	W3	W4	W5	W6	W7	W8	W8b	W9	W10	W11	W12	W13	W14
mean										X	X			X			X
median												X		X			
meigen									X								
merge			X	X												X	X
microbenchmark											X						
min										X					X		
minus_mom																	X
mkMerMod															X		
MLPE															X		
MLPEnoREML															X		
mod_boot								X									
mod_boot_qst								X									
model.sel									X								
moran.test							X		X								
myPal							X										
names	X		X		X	X		X	X	X		X		X	X	X	X
nb2listw							X		X								
nb2mat							X										
nbdists									X								
nchar	X																
ncol			X							X	X					X	
nlevels								X									
normalizePath										X				X			
nrow			X		X	X				X		X					X
null.all					X												
optimizeLmer															X		
outliers														X			
p.adjust					X												
pair.ia					X												
pairs								X	X								
pairwise_D							X										
pairwise_Gst_Hedrick							X										
pairwise_Gst_Nei							X			X							
pairwise.fst							X										
pairwise.fstb										X							
pairwise.propShared							X										
par			X	X	X	X	X	X	X	X		X	X			X	X
paste	X	X	X		X											X	X
paste										X	X	X					
PatchStat			X														
paternity																	X
pchisq														X			
plot			X	X	X	X	X	X	X	X		X	X	X	X	X	X
plot_grid																	X
pointDistance										X							
points			X							X		X	X			X	
poppr.amova						X											
pops2genind										X							

	W0	W1	W2	W2b	W3	W4	W5	W6	W7	W8	W8b	W9	W10	W11	W12	W13	W14
position_jitter										X							
possibly																	X
potential_offspring	X																
prcomp												X					
predict								X									X
print	X									X							
proc.time										X							
prod																	X
profvis											X						
proj4string			X														
prop.table																X	
purl											X						
pwr.t.test						X											
pwr.t2n.test						X											
Q												X					
qchisq														X			
qplot						X			X								X
qqline									X								
qqnorm									X		X						
QstFstComp								X									
quantile								X									
qvalue														X			
R.home											X						
r.squaredGLMM								X									
rainbow			X														
randomHabitat										X							
randtest						X											
ranef								X									
raster			X	X						X			X				
ratify			X	X													
rbind							X							X			X
rchisq	X																
rda														X			
read_csv											X						
read_population		X															X
read.csv		X		X							X	X		X	X		X
read.delim								X									
read.table												X					
readRDS											X						
Reduce										X					X		
rep	X		X				X					X		X			
replace														X			
require		X	X	X	X	X	X	X	X	X		X	X	X			
resf									X								
resf_vc									X								
residplot								X									
residuals						X			X						X		
return	X									X					X		X

	W0	W1	W2	W2b	W3	W4	W5	W6	W7	W8	W8b	W9	W10	W11	W12	W13	W14
rev			X														
rm											X						
rnorm	X										X	X					
round					X		X		X	X		X		X	X		
row.names		X			X		X	X	X	X							
rownames						X				X		X		X			
rpois	X																
RsquareAdj														X			
run.popgensim										X							
runif												X					
sample										X		X					
sapply					X		X	X							X		X
save										X	X						
saveRDS											X						
scale						X			X						X		X
scan												X					
scores														X			
screeplot														X			
sd														X			
seppop					X												
seq	X									X		X	X				
session_info											X						
set										X				X			
set.seed										X							
sf_project																	X
shortestPath													X				
sigmoid												X					
sign						X											
slotNames			X														
snmf												X		X			
sort												X					
source								X	X		X	X		X			
sp.points				X													
spiderplot_data																	X
split										X							X
spplot									X								
sprintf										X							
st_as_sf				X													
stack			X										X			X	
stat_smooth																	X
str		X							X					X	X	X	
strsplit												X					
subset																	X
substr		X			X												
sum								X				X		X	X		X
summarize																	X
summary	X	X			X	X		X	X	X		X		X	X		
surface												X					

	W0	W1	W2	W2b	W3	W4	W5	W6	W7	W8	W8b	W9	W10	W11	W12	W13	W14
Sys.Date											X						
Sys.getenv											X						
system.file		X		X				X	X		X	X		X	X		X
t	X				X		X			X		X					
t.test						X											
table	X		X			X				X		X		X		X	X
text										X							
theme																	X
title							X										
transition													X				
transp							X										
tri2nb													X				
unique												X				X	X
unit																	X
unlist			X									X					X
unname														X			
values			X							X							
VarCorr								X									
Variogram									X								
vif						X									X		
vif.cca														X			
wassermann										X							
which												X		X		X	
which.max										X				X			
with															X		
write.geno														X			
write.table														X			
writelnLines											X						
xlab									X								X
xyFromCell										X							
ylab									X								X
ylim									X								
z.scores														X			