

mds15-neg Arg Ann Ano Deb Heterozygosity Dec Des Div Gig Gro PetCan PetFal Pet 0.00 0.25 1.000.00 0.50 0.75 1.000.00 0.25 0.50 0.75 1.00 PetPet 0.25 0.50 0.75 1.00 Proportion '1' allele Deb Ann Ano Arg 199 2000 T **759** <u>1</u> Gig Dec Des Div Count PetCan Gro Pet PetFal 40 = 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 PetPet 90 <u>=</u> 0.00 0.25 0.50 0.75 1.00 Proportion '1' allele

mds16-pos Ann Ano Arg Deb Dec Des Div Gig Heterozygosity PetCan Gro Pet PetFal 0.25 1.000.00 0.50 0.00 0.50 0.75 0.25 0.75 1.00 PetPet Pra 1.000.00 1.00 0.25 0.50 0.75 0.25 0.50 0.75 Proportion '1' allele Deb Ann Ano Arg 750 250 <del>2</del>88 = Div Gig Dec Des 1:00 Z:53 Count Gro Pet PetCan PetFal 159 000 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 PetPet Pra 198 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 Proportion '1' allele

mds18-neg Ann Ano Arg Deb Dec Des Div Gig Heterozygosity PetCan Gro Pet PetFal 0.00 0.25 0.75 1.000.00 0.25 0.50 0.75 1.000.00 0.25 0.50 1.00 PetPet 0.25 0.50 0.75 1.00 Proportion '1' allele Deb Ann Ano Arg 100 E 799 **250** ± Gig Dec Des Div Count Gro Pet PetCan PetFal 120 30 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 PetPet 60 28 0.00 0.25 0.50 0.75 1.00

Proportion '1' allele

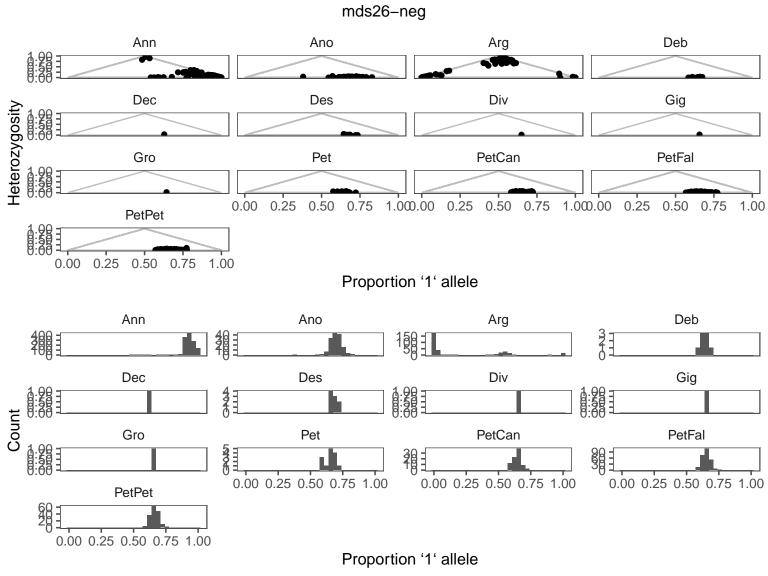
mds18-pos Arg Ann Ano Deb Heterozygosity Dec Des Div Gig PetCan PetFal Gro Pet 0.00 0.25 0.25 0.75 1.000.00 0.25 0.50 0.75 1.000.00 0.50 1.00 PetPet 0.50 0.25 0.75 1.00 Proportion '1' allele Ann Ano Arg Deb 碧 198 = Gig Dec Des Div Count PetCan Gro Pet PetFal 68 28 158 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 PetPet 90 <u>=</u> 0.00 0.25 0.50 0.75 1.00

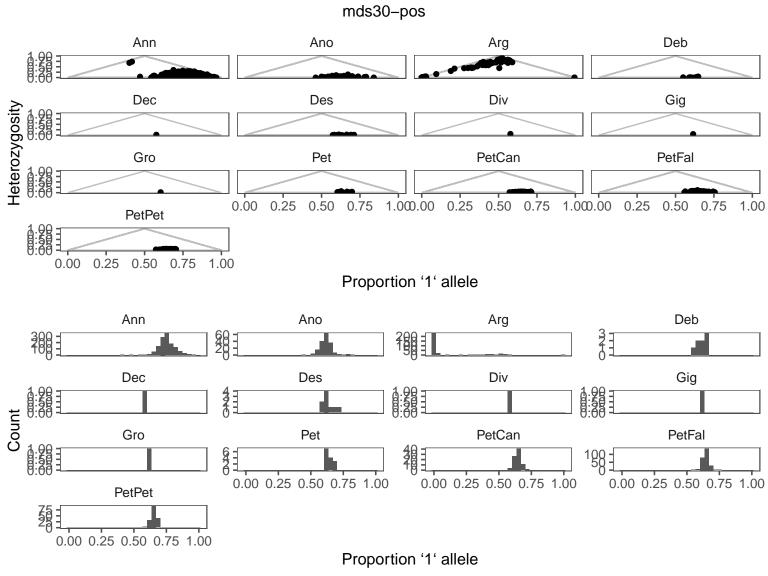
Proportion '1' allele

mds20-neg Ann Ano Arg Deb Dec Des Div Gig Heterozygosity Gro PetCan Pet PetFal 0.00 0.25 0.75 1.000.00 0.25 0.50 0.50 0.75 1.00 PetPet Pra 0.25 0.75 0.25 0.50 0.75 1.000.00 0.50 1.00 Proportion '1' allele Deb Ann Ano Arg 68 <u>1</u> **100 1** 159 = Div Gig Dec Des Count Gro Pet PetCan PetFal 627 40 108 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 PetPet Pra 20 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 Proportion '1' allele

mds21-neg Ann Ano Arg Deb Heterozygosity Dec Des Div Gig PetCan PetFal Gro Pet 0.00 0.25 1.000.00 0.25 0.50 0.50 1.000.00 0.25 0.50 1.00 PetPet 0.25 0.50 0.75 1.00 Proportion '1' allele Deb Ann Ano Arg 600 <u>-</u> 50 E 60 <u>-</u> <del>2</del>88 Gig Dec Des Div Count Gro Pet PetCan PetFal 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 PetPet 碧= 0.00 0.25 0.50 0.75 1.00 Proportion '1' allele

mds23-pos Ano Arg Ann Dec Heterozygosity Des Div Gig Gro 0.00 0.25 0.50 0.75 1.00 Pet PetFal PetPet 0.25 1.000.00 0.25 0.50 1.000.00 0.25 0.50 0.75 0.75 0.50 0.75 1.00 Proportion '1' allele Dec Ann Ano Arg 400 200 0 Des Div Gig Gro Count 0.00 0.25 0.50 0.75 1.00 Pet PetFal PetPet 7.5 -5.0 -2.5 -0.0 -10 -5 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 Proportion '1' allele

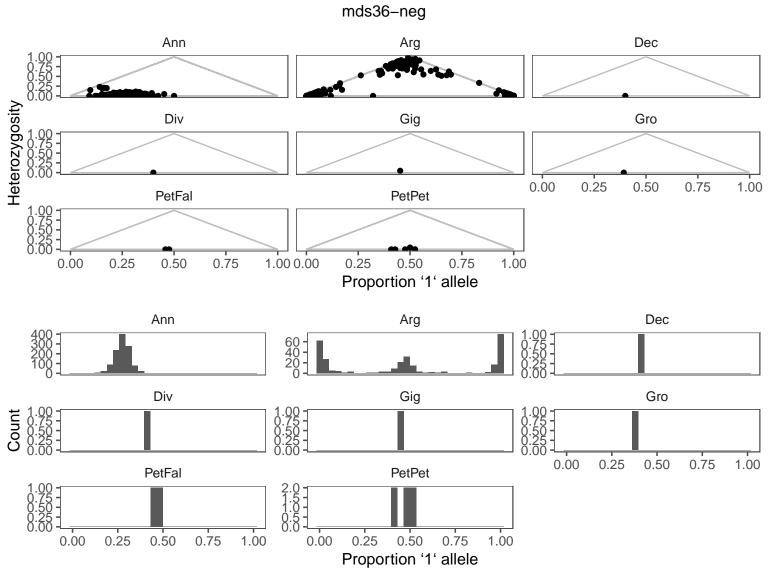




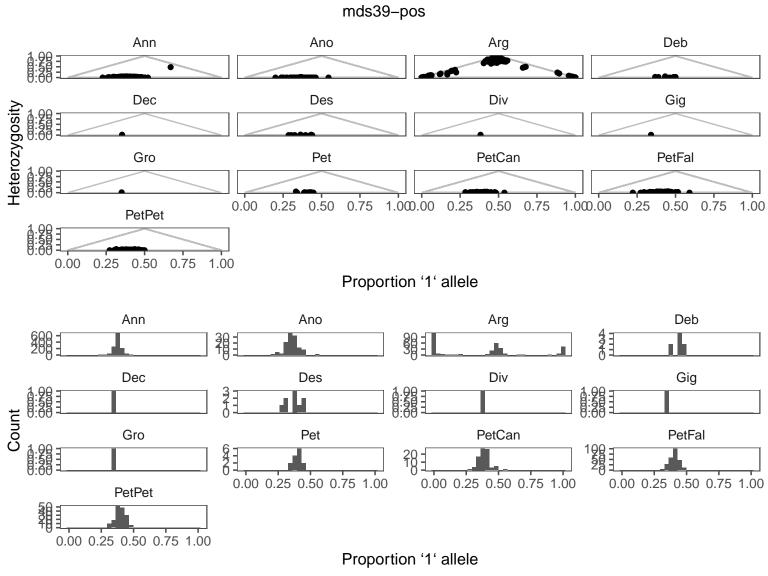
mds31-neg Ann Ano Arg Deb Heterozygosity Dec Des Div Gig Gro PetCan Pet PetFal 0.00 0.25 1.000.00 0.25 0.50 0.50 0.75 1.000.00 0.25 0.50 0.75 1.00 PetPet 0.25 0.50 0.75 1.00 Proportion '1' allele Ann Ano Arg Deb 38 = 159 = 158 = Dec Des Div Gig Count PetCan Gro Pet PetFal 30 = 20 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 PetPet <del>4</del>8 0.00 0.25 0.50 0.75 1.00 Proportion '1' allele

mds33-neg Arg Ann Ano Deb Heterozygosity Dec Des Div Gig Gro PetCan PetFal Pet 0.00 1.000.00 0.25 1.000.00 0.25 0.50 0.50 0.75 0.50 0.75 PetPet 0.75 0.25 0.50 1.00 Proportion '1' allele Ann Deb Ano Arg 碧! 198 = Gig Dec Des Div Count Gro Pet PetCan PetFal 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 PetPet 0.00 0.25 0.50 0.75 1.00

Proportion '1' allele



mds36-pos Ann Ano Arg Deb Dec Des Div Gig Heterozygosity PetCan PetFal Gro Pet 0.00 0.25 1.000.00 0.50 0.50 0.75 1.000.00 0.25 0.50 0.75 1.00 PetPet 0.25 0.50 0.75 1.00 Proportion '1' allele Deb Ann Ano Arg 38 = <del>2</del>88 = **199 1** Des Gig Dec Div Count PetCan Gro Pet PetFal 38 18 120 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 PetPet 60 28 0.00 0.25 0.50 0.75 1.00 Proportion '1' allele



mds40-neg Ann Ano Arg Deb Dec Des Div Gig Heterozygosity Gro PetCan Pet PetFal 0.25 1.000.00 0.50 0.00 0.50 0.75 0.25 0.75 1.00 PetPet Pra 1.000.00 0.25 0.75 1.00 0.25 0.50 0.75 0.50 Proportion '1' allele Deb Ann Ano Arg 799 <u>1</u> **25** ± <del>2</del>88 Div Gig Dec Des 4 Count Gro Pet PetCan PetFal 158 6 2 3 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 PetPet Pra 199 = 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 Proportion '1' allele