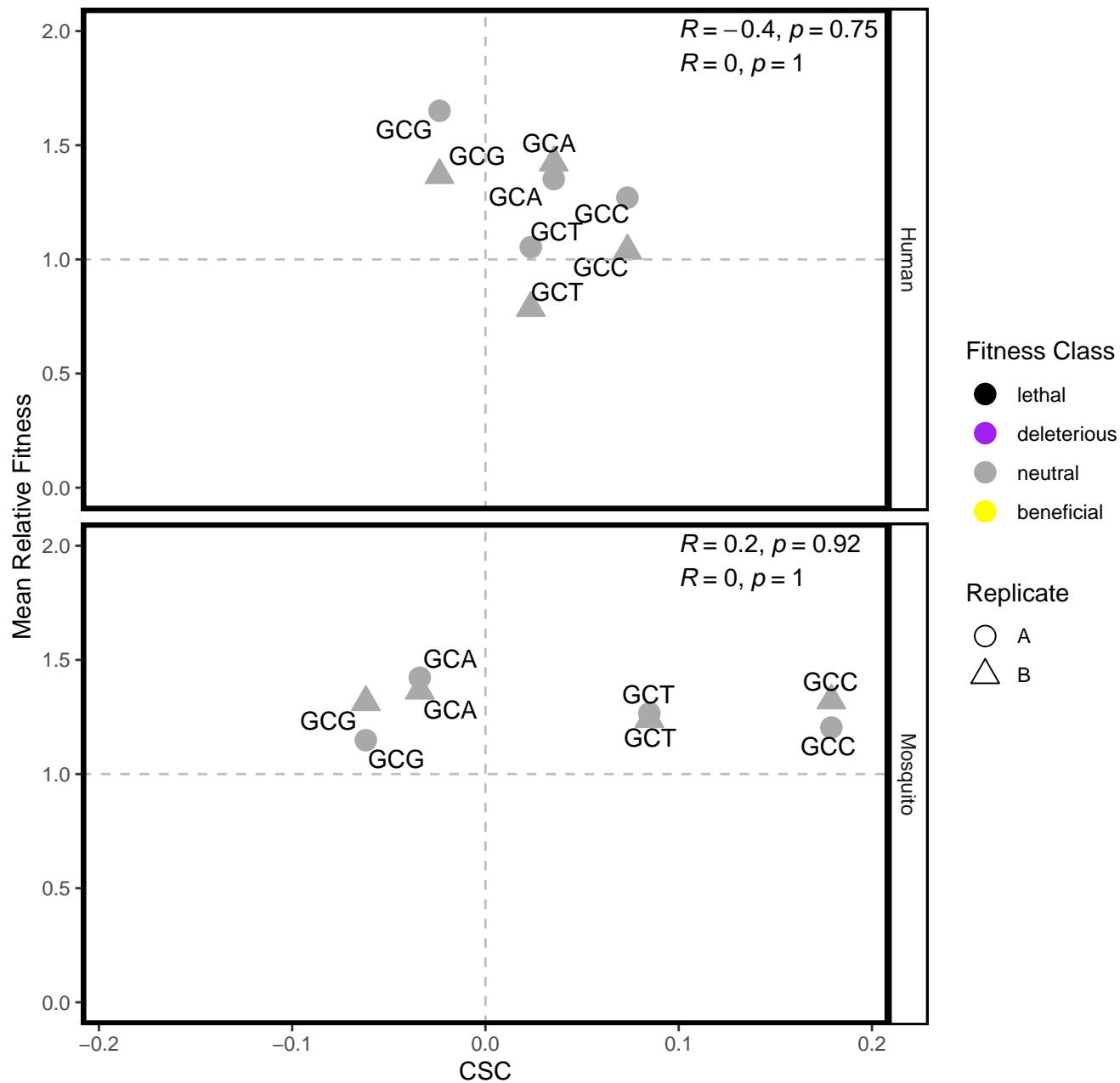
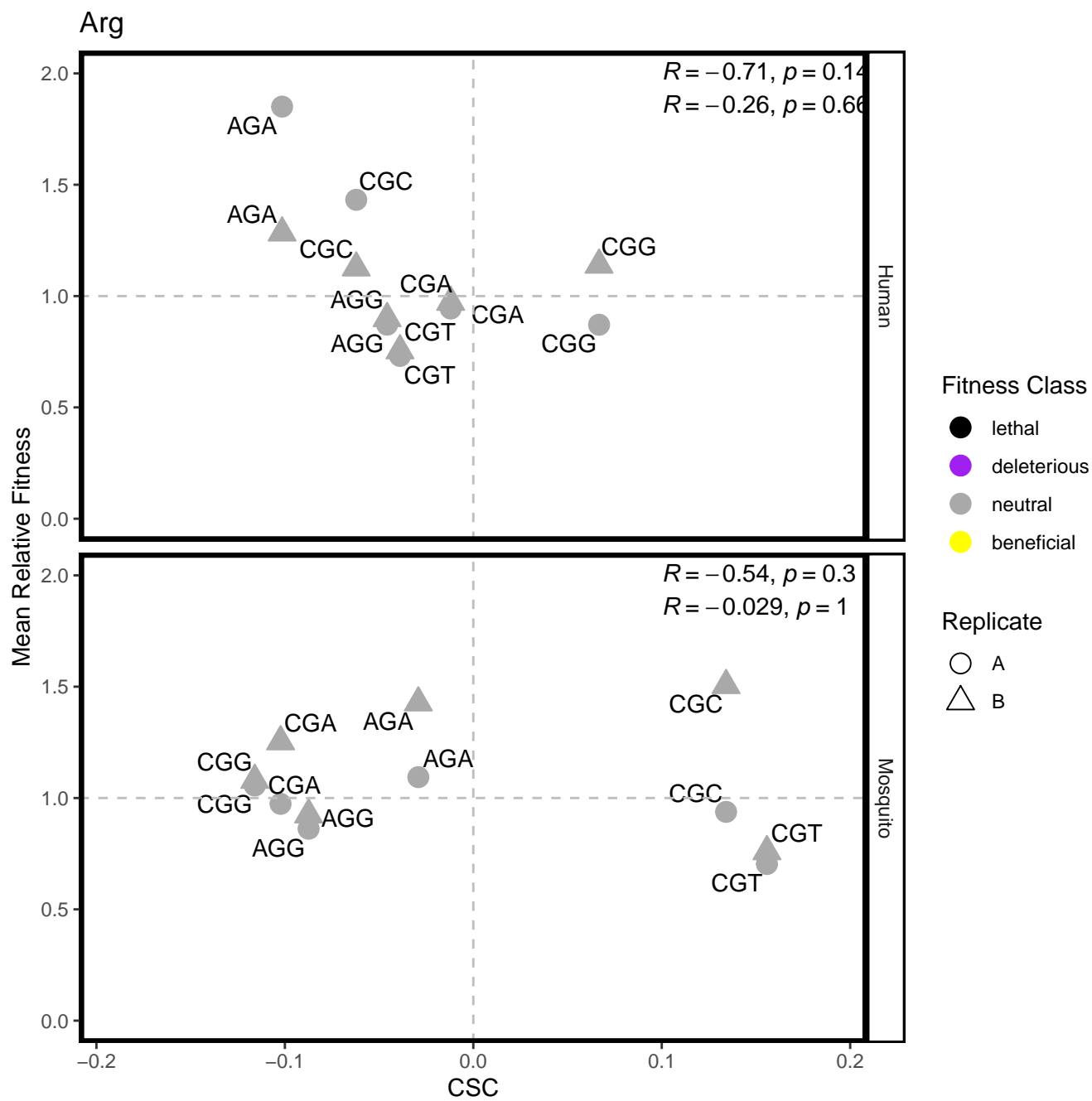
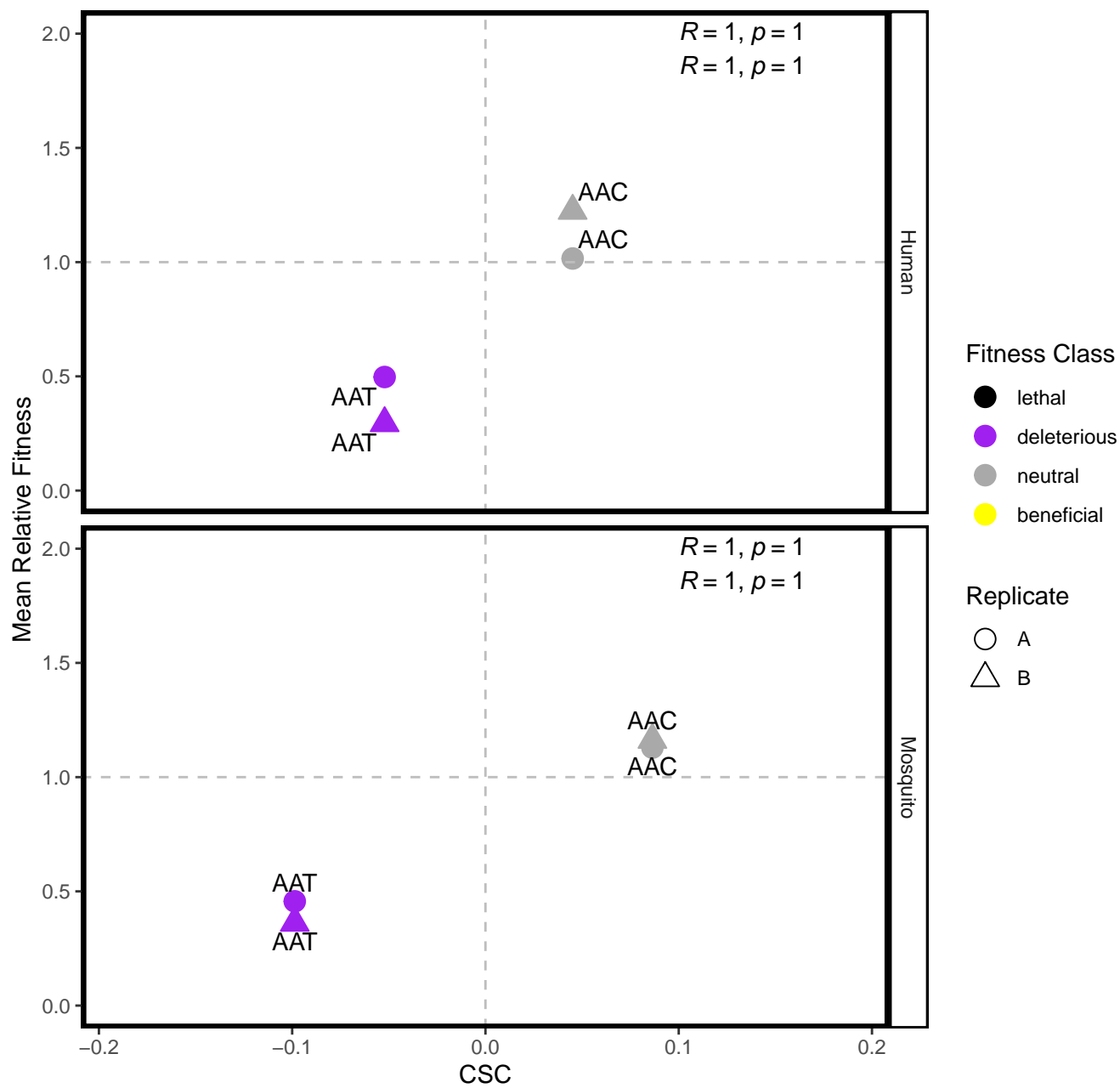


Ala

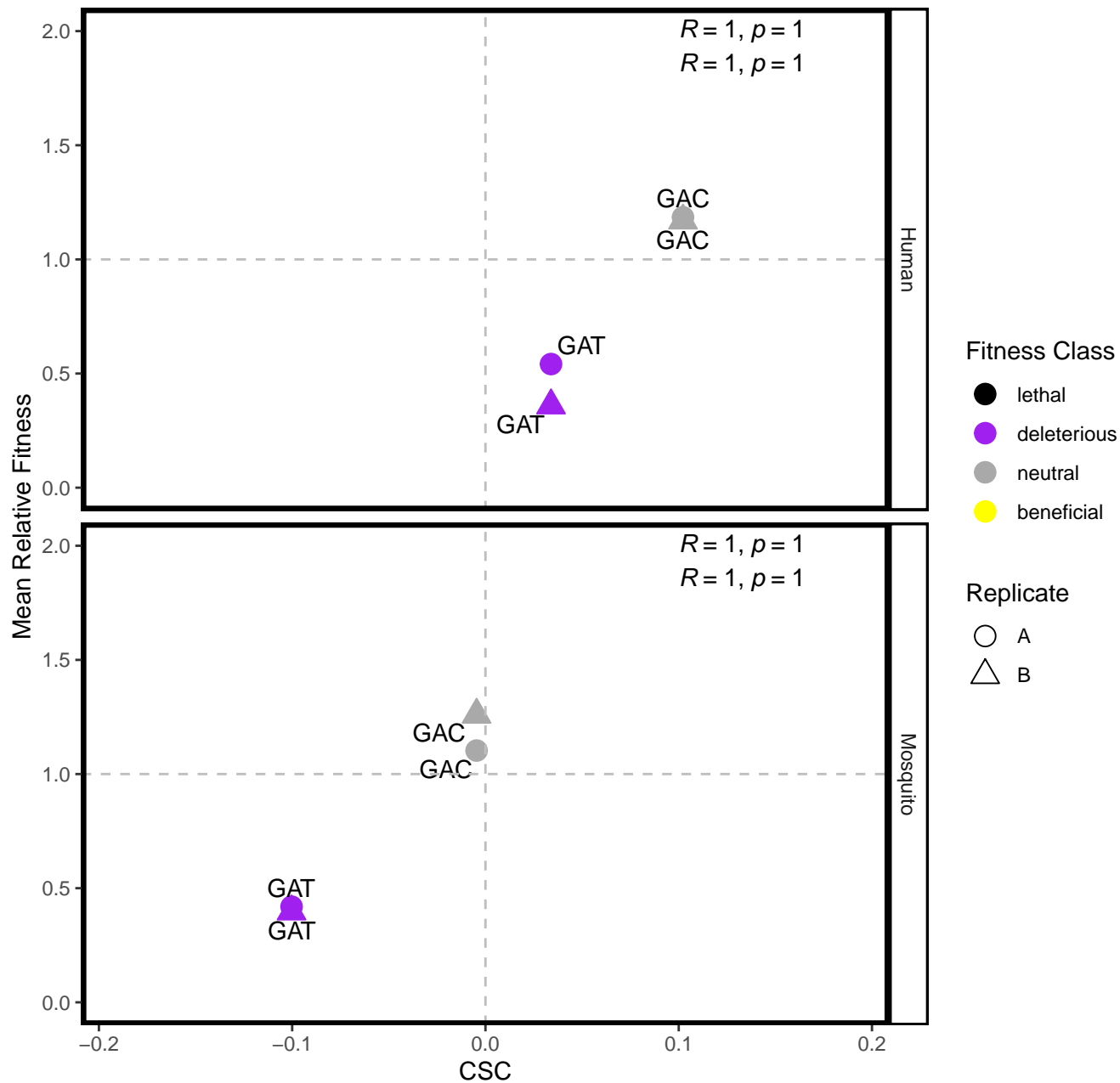




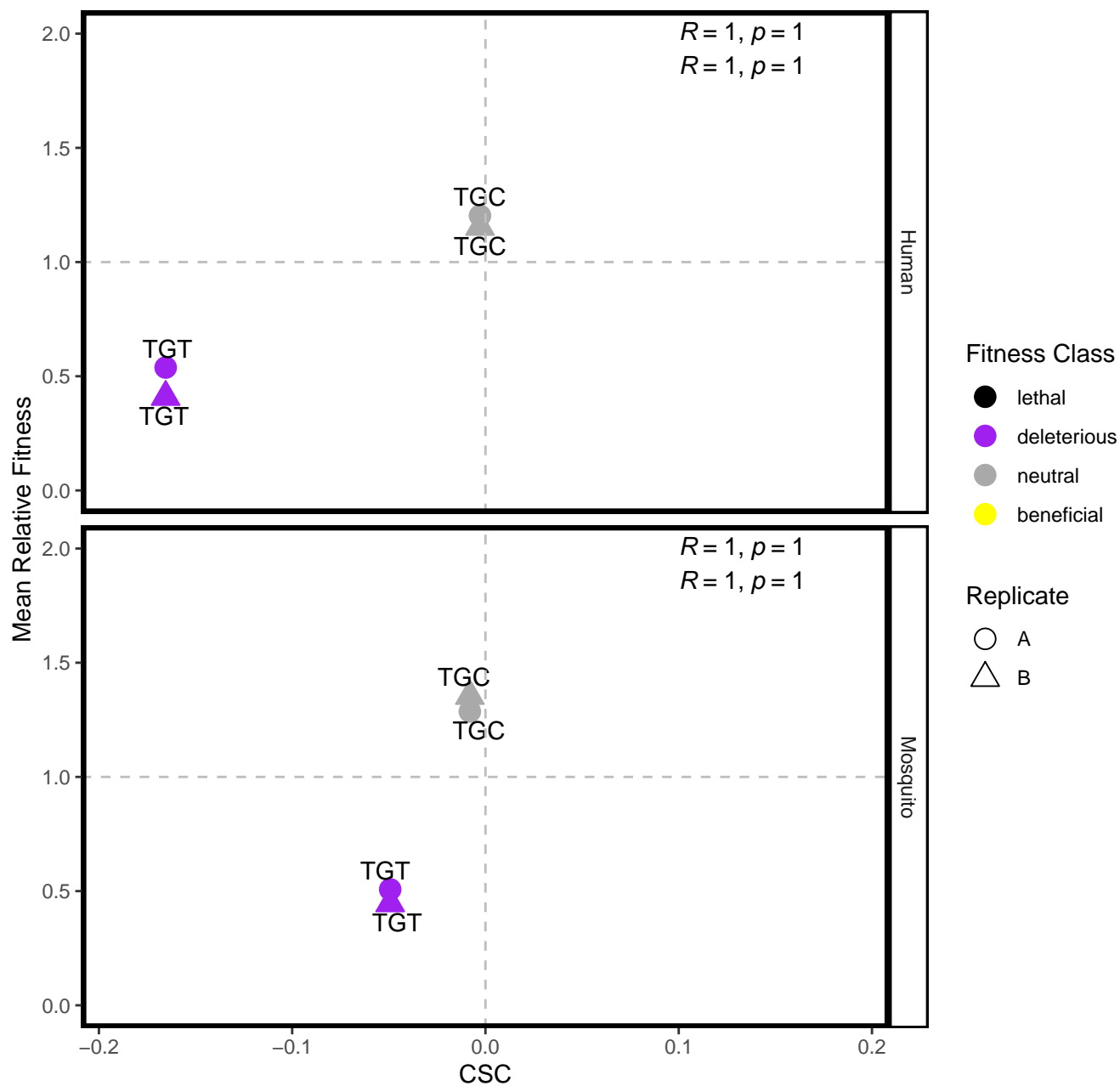
Asn



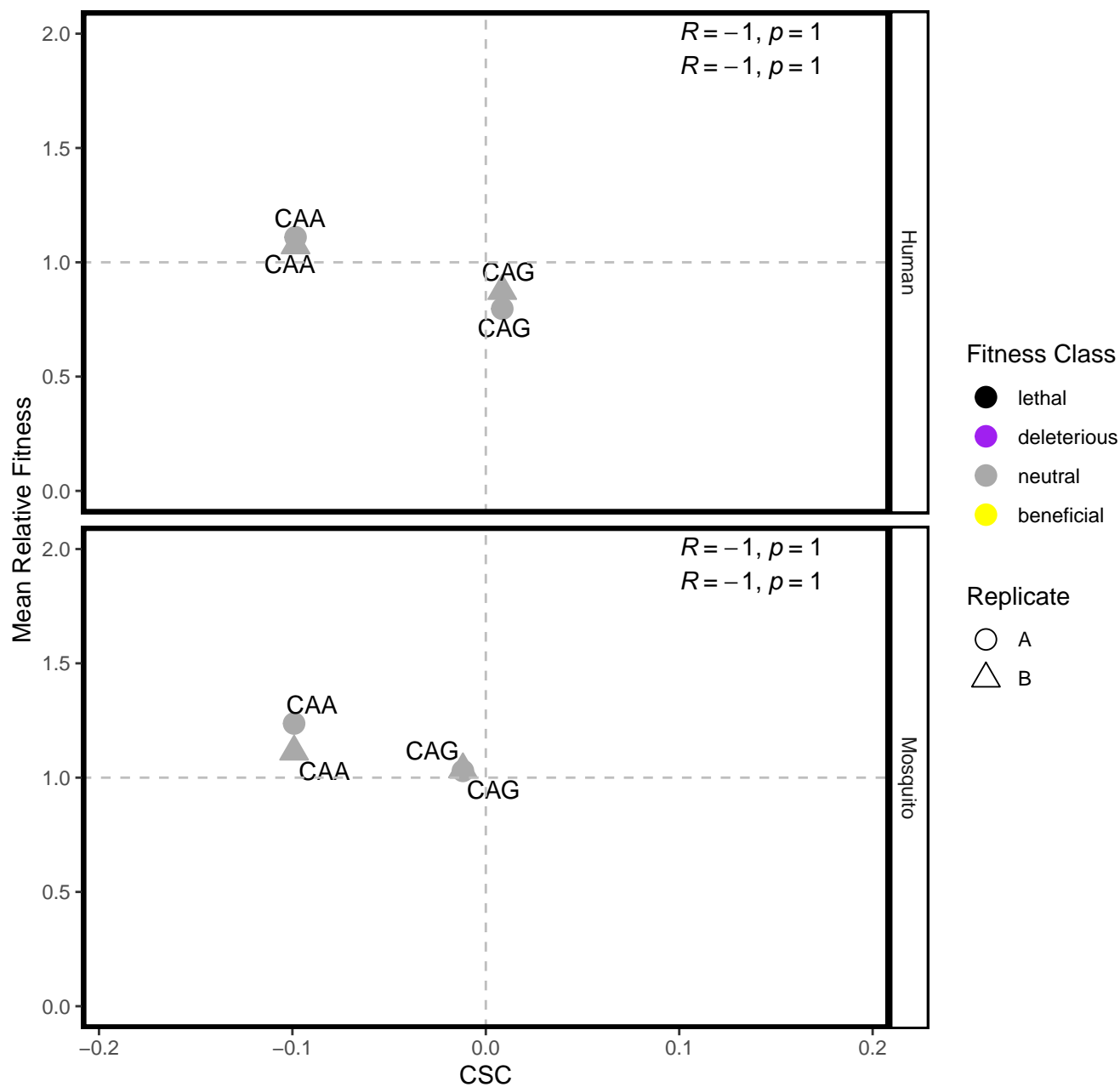
Asp



Cys

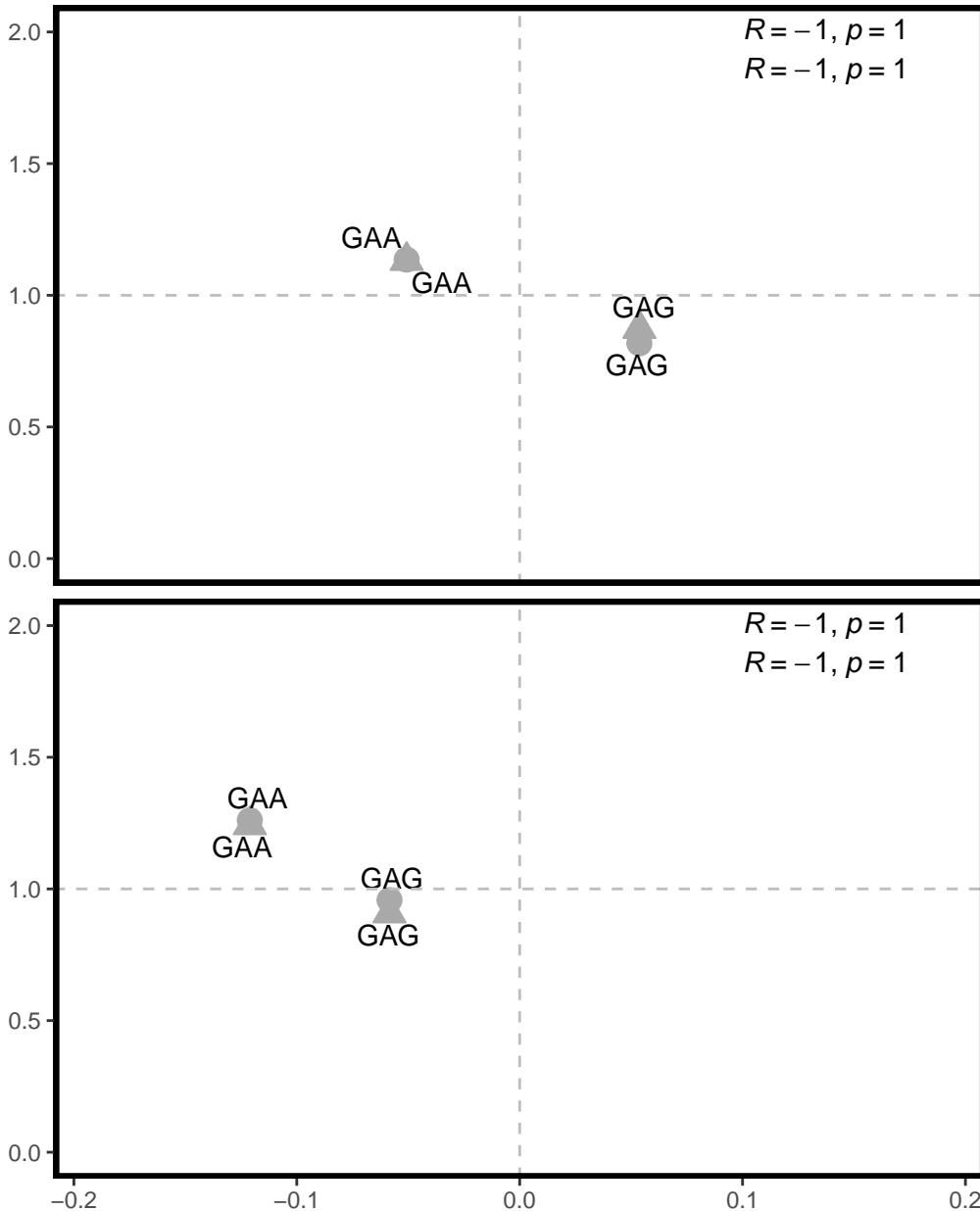


Gln



Glu

Mean Relative Fitness



Human

Mosquito

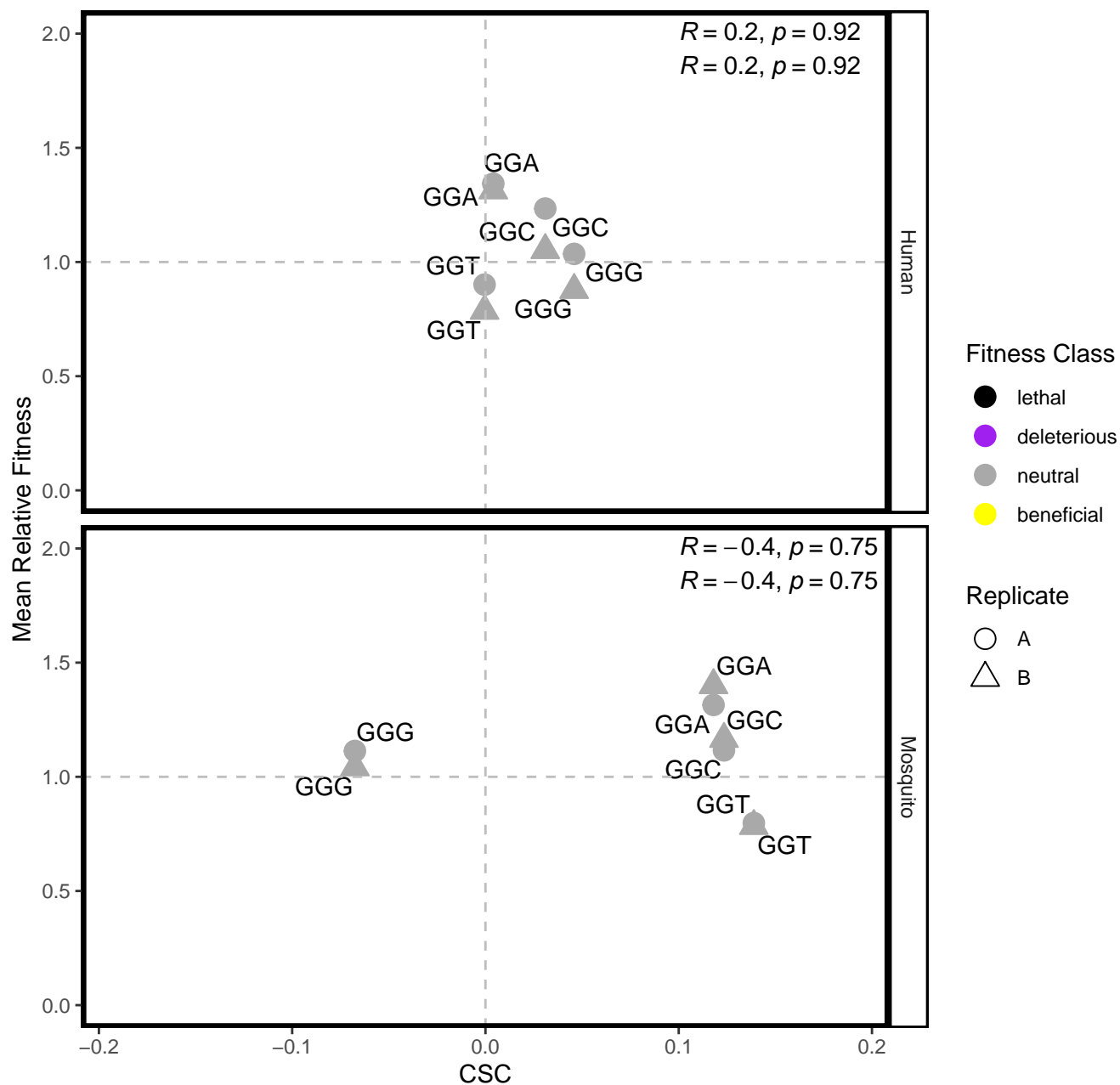
Fitness Class

- lethal
- deleterious
- neutral
- beneficial

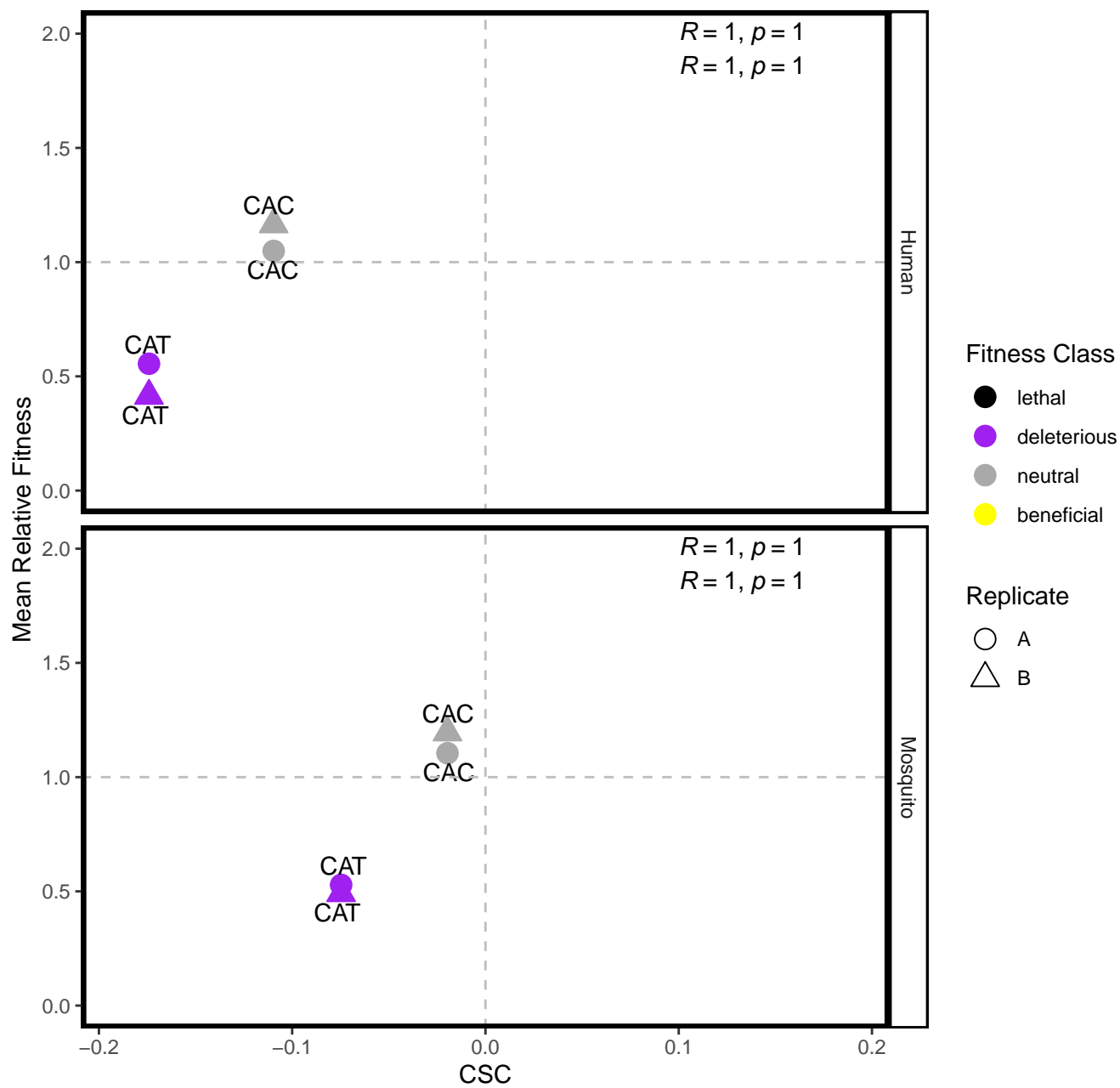
Replicate

- A
- B

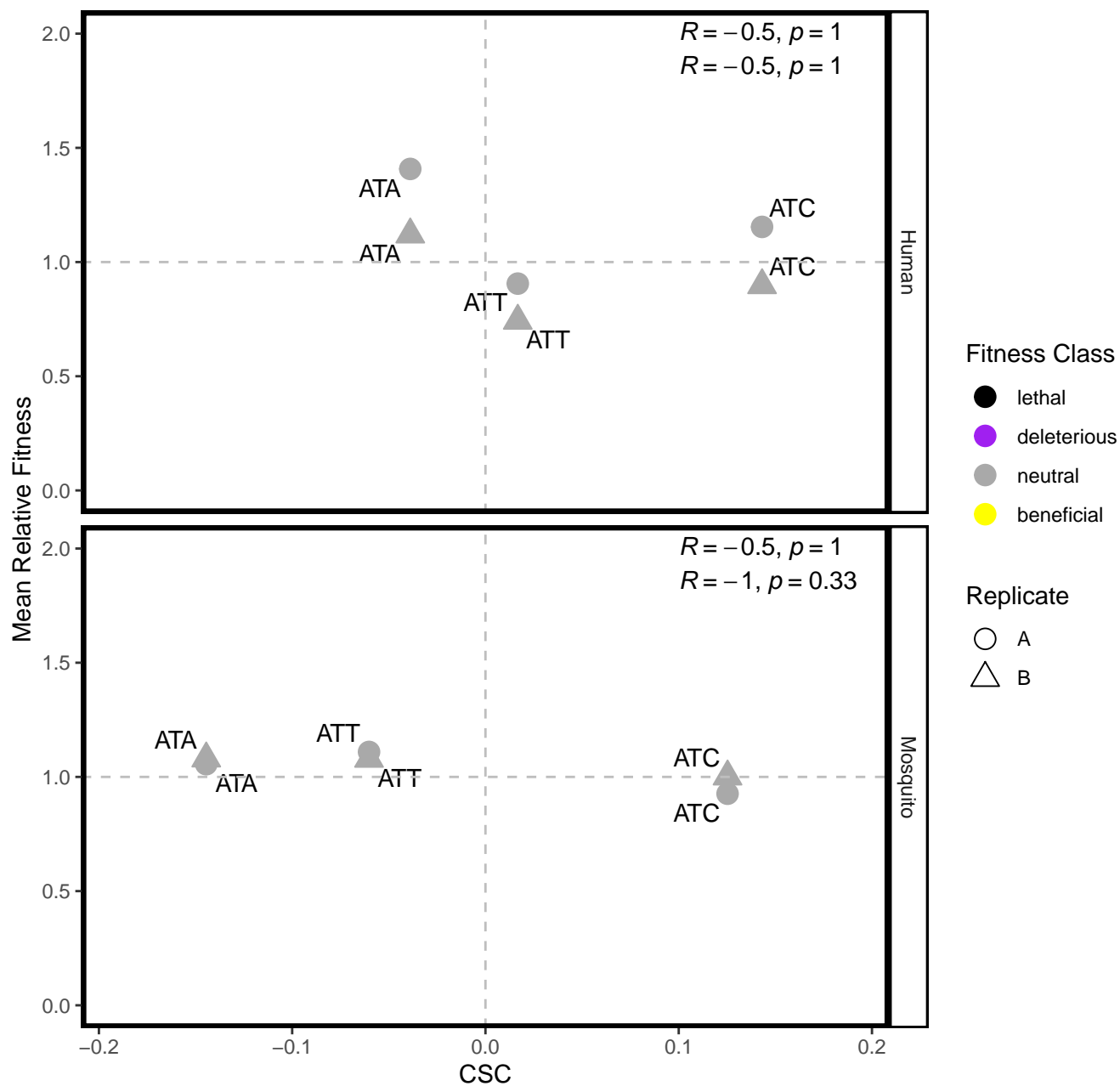
Gly



His



Ile



Leu

Mean Relative Fitness

$R = 0.66, p = 0.18$
 $R = 0.6, p = 0.24$

Human

Fitness Class

- lethal
- deleterious
- neutral
- beneficial

Replicate

- A
- △ B

$R = 0.71, p = 0.14$
 $R = 0.66, p = 0.18$

Mosquito

-0.2

-0.1

CSC

0.1

0.2

0.0

0.5

1.0

1.5

2.0

0.0

0.5

1.0

1.5

2.0

TTA

TTA

CTT

CTA

CTA

TTG

TTG

CTC

CTC

CTG

CTG

TTG

TTA

CTT

CTA

CTT

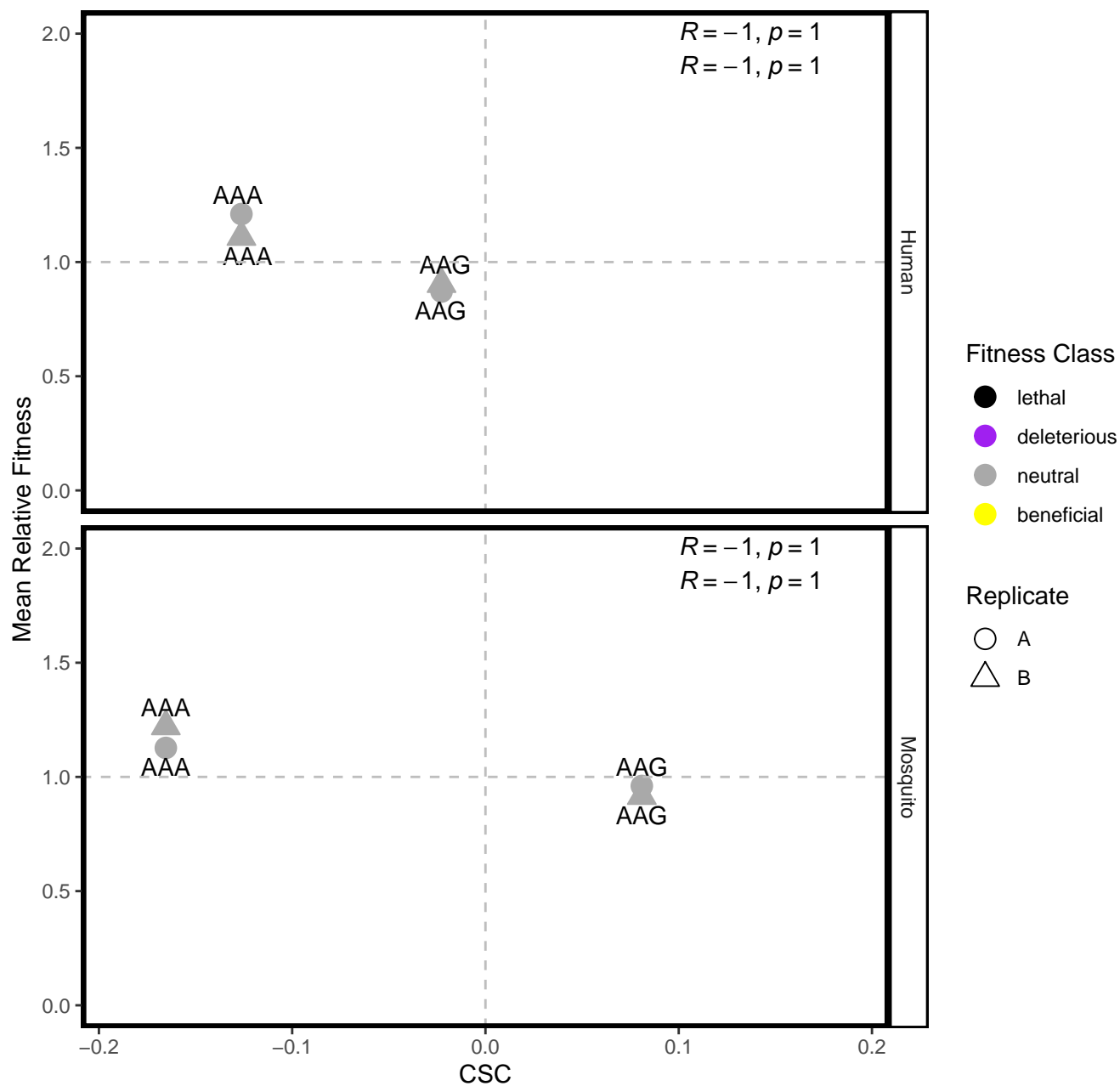
CTC

CTC

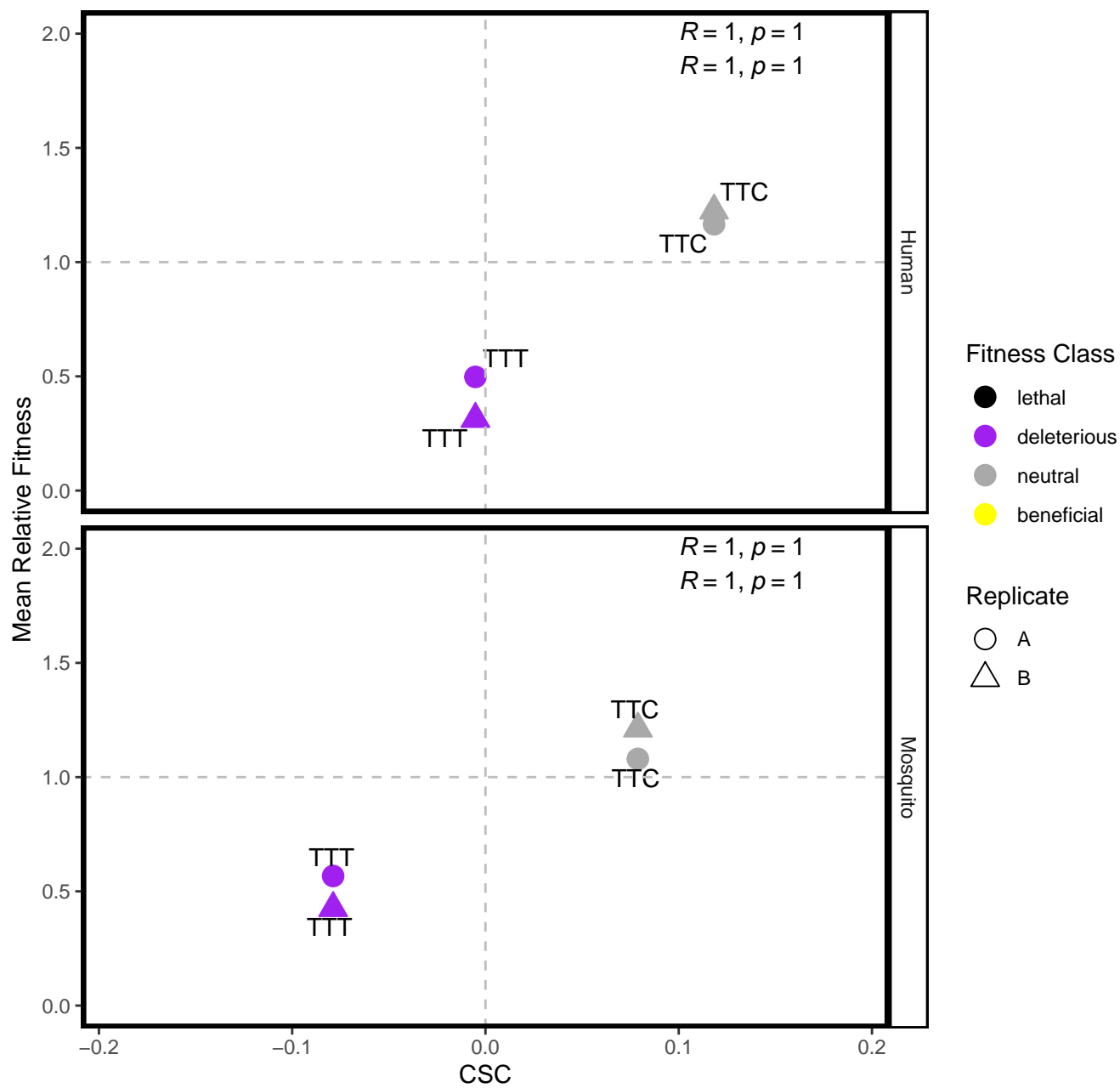
CTG

CTG

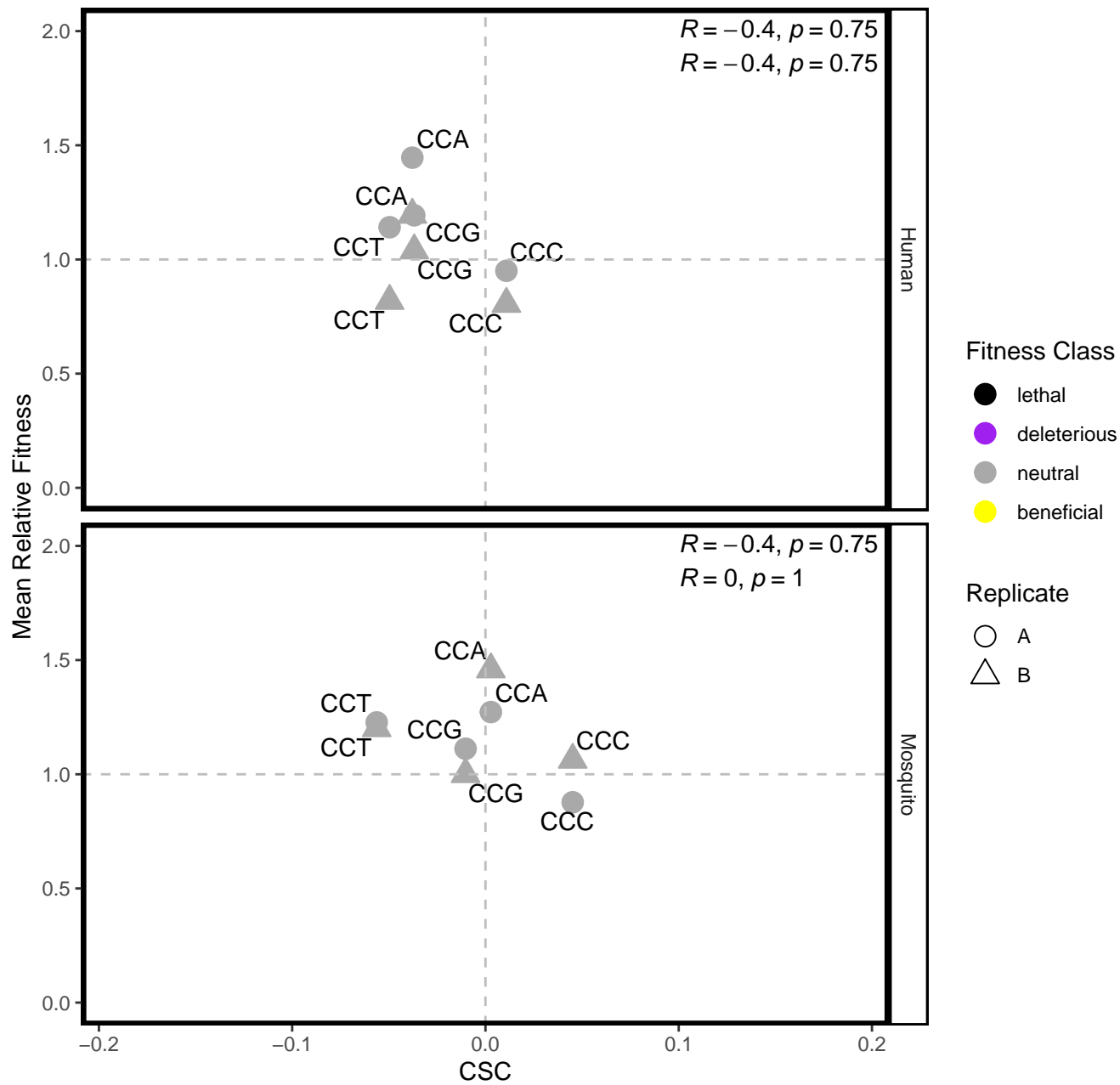
Lys



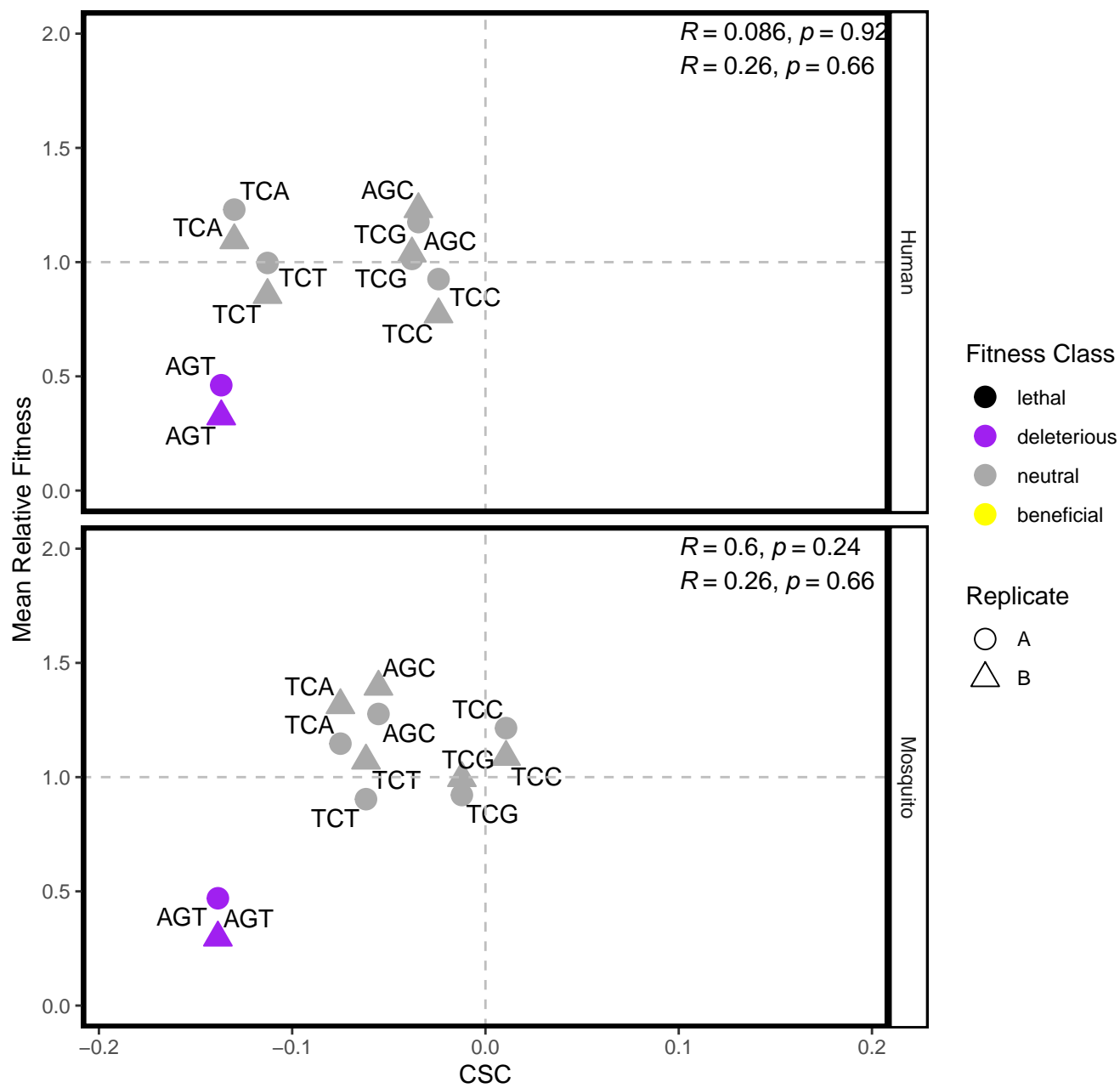
Phe



Pro

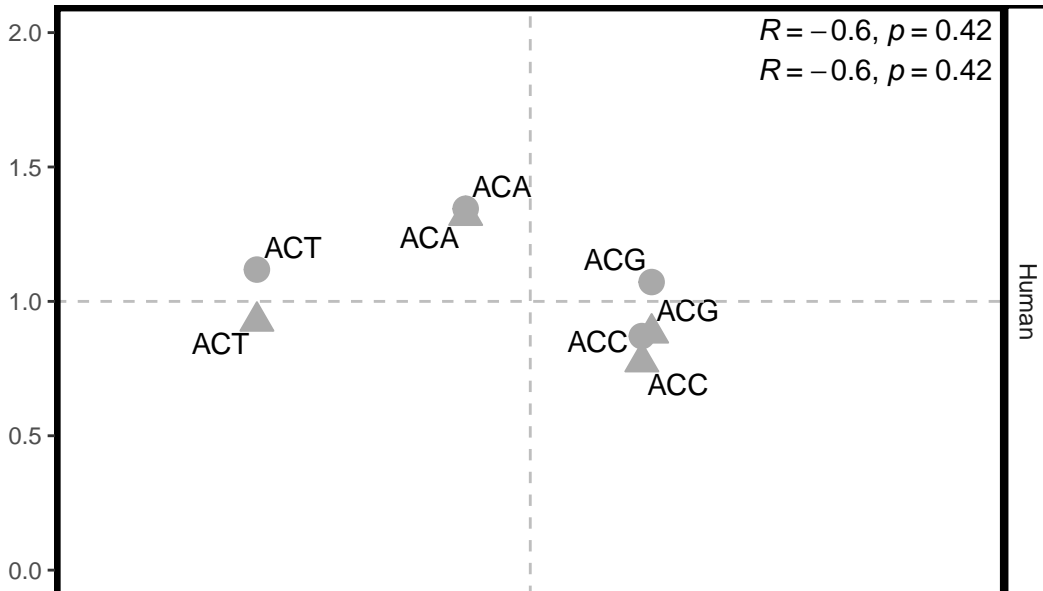


Ser



Thr

Mean Relative Fitness

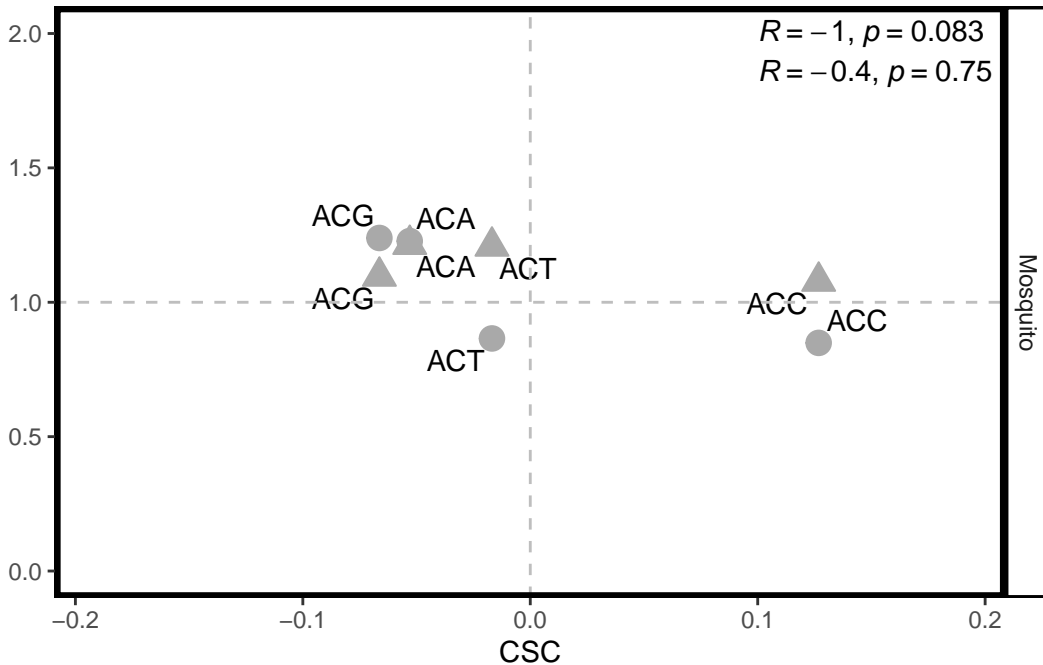


Fitness Class

- lethal
- deleterious
- neutral
- beneficial

Replicate

- A
- B



CSC

