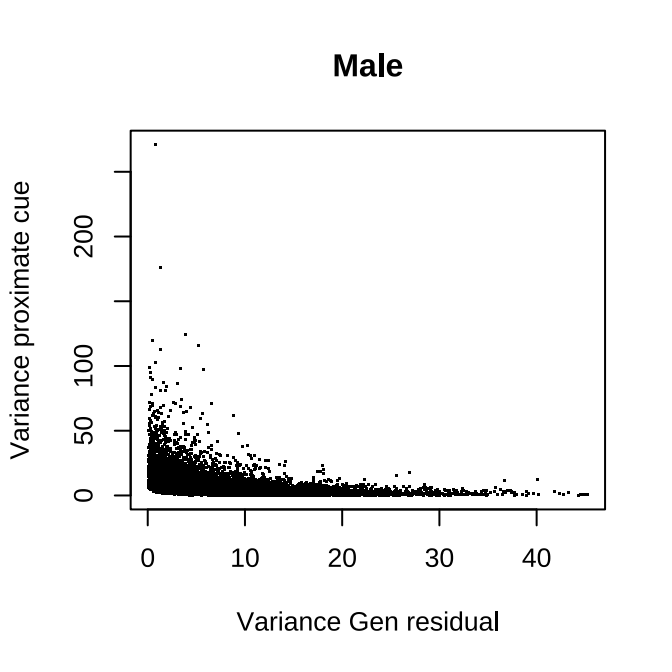
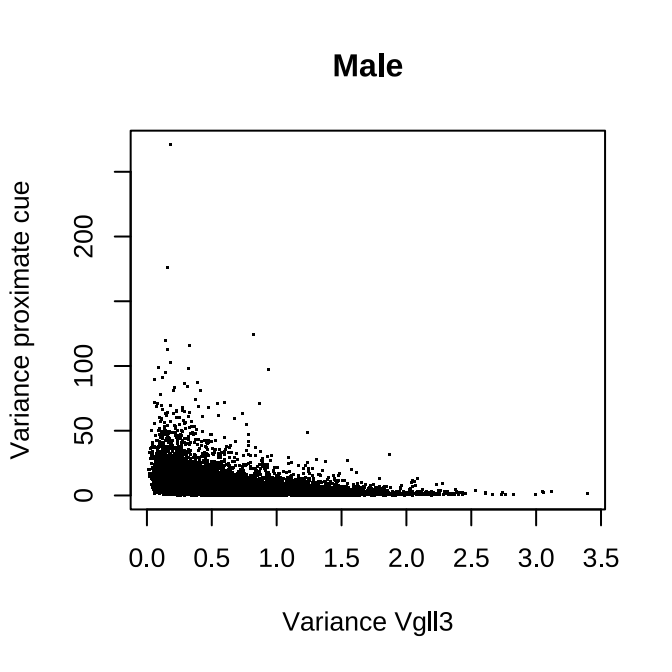
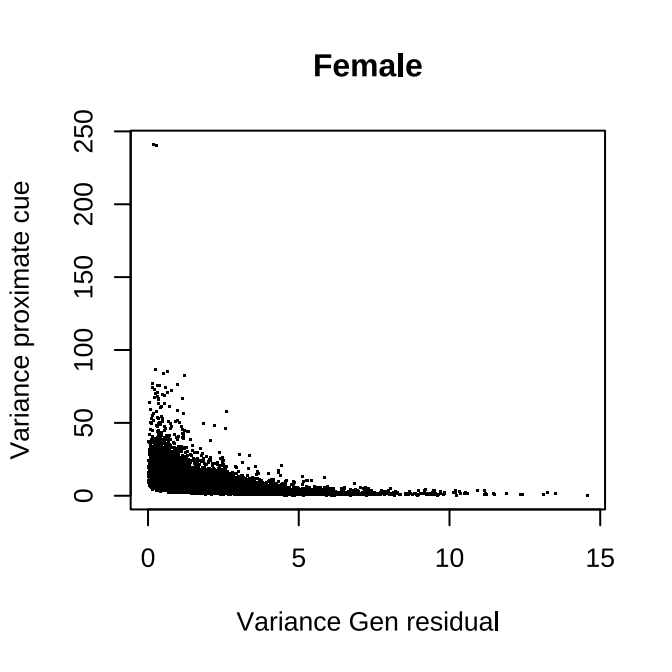
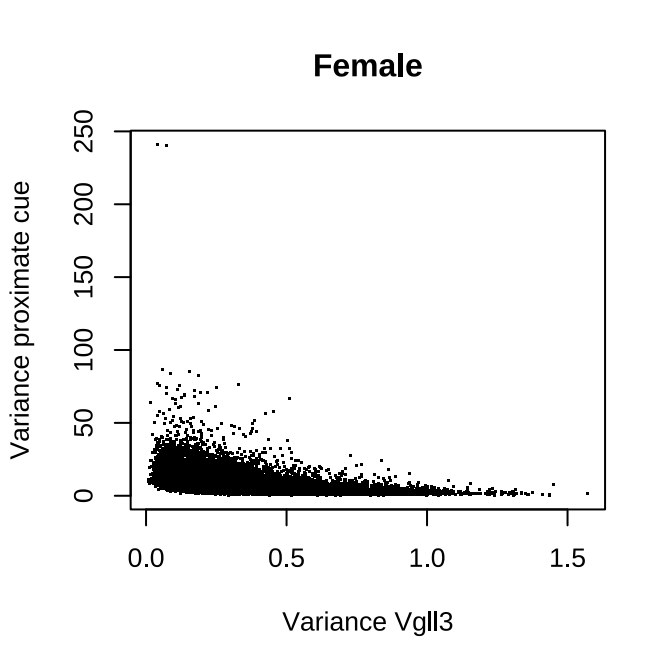
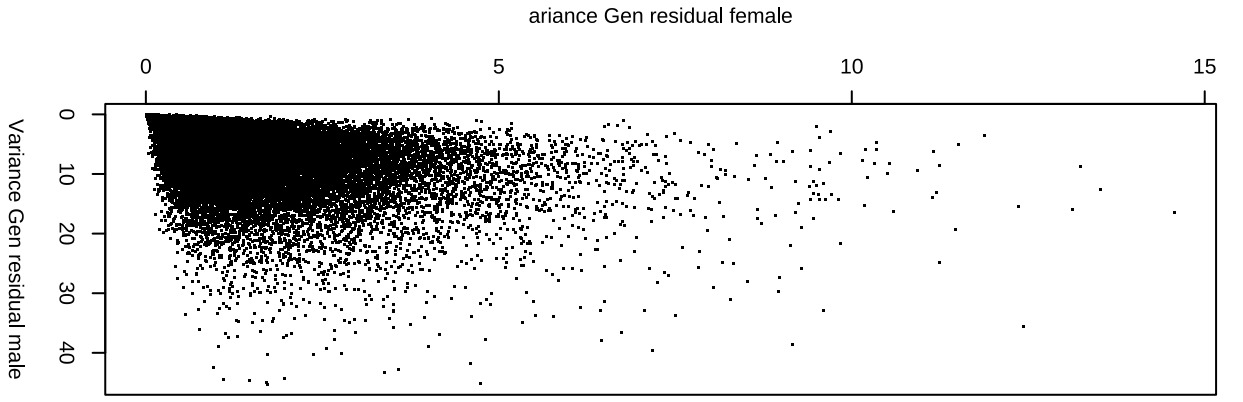
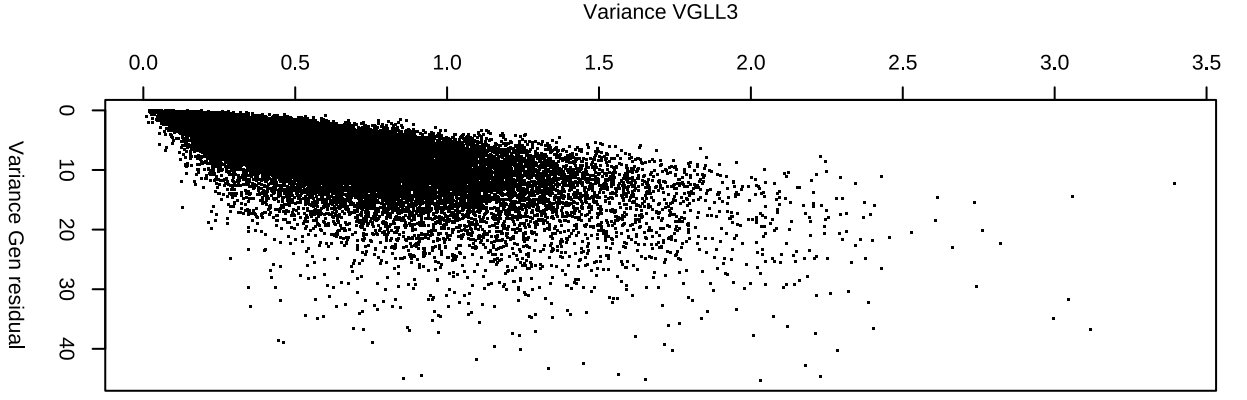

Male
Variance proximate cue
0
50
100
200
0
10
20
30
40
Variance Gen residual

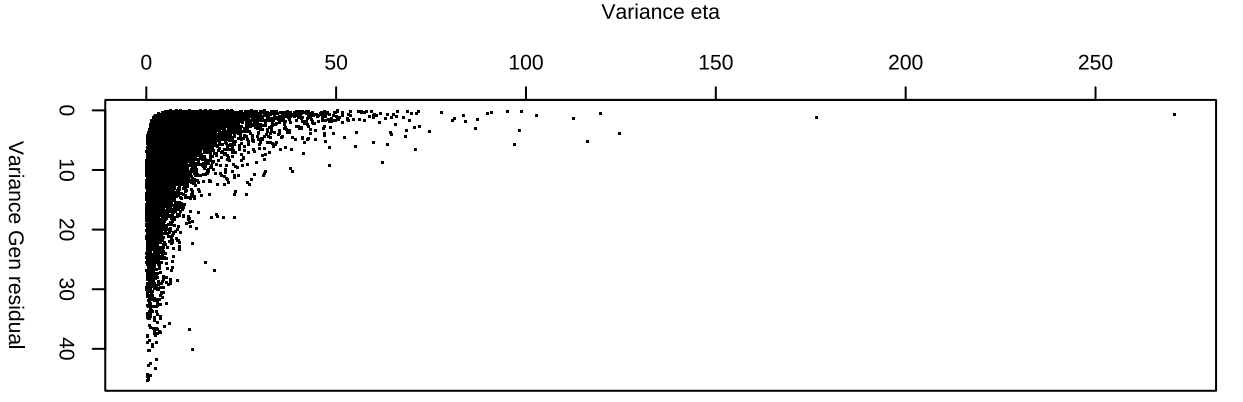

Male
Variance proximate cue
0
50
100
200
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Variance Vgll3

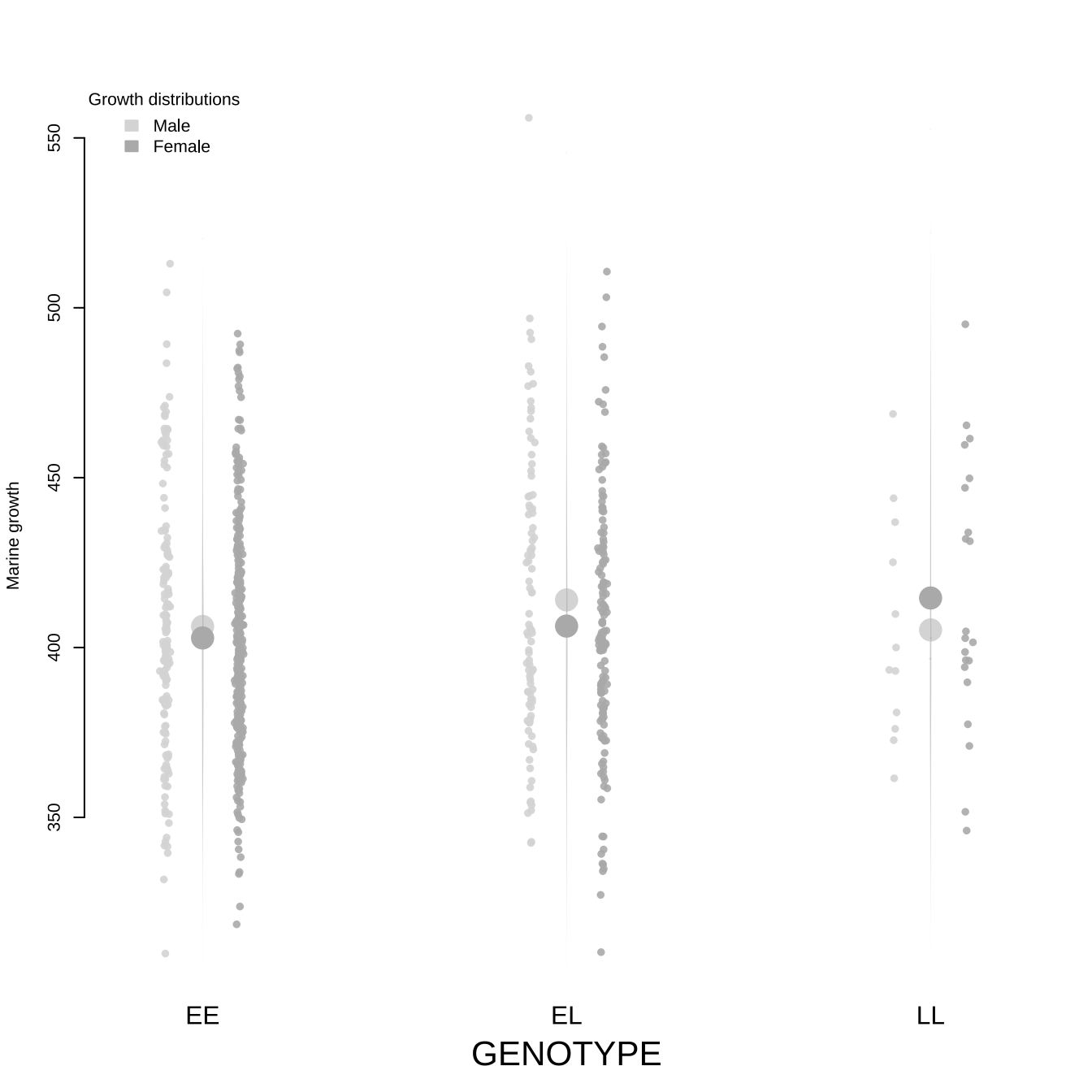

Female
Variance proximate cue
0
50
100
150
200
250
0
5
10
15
Variance Gen residual

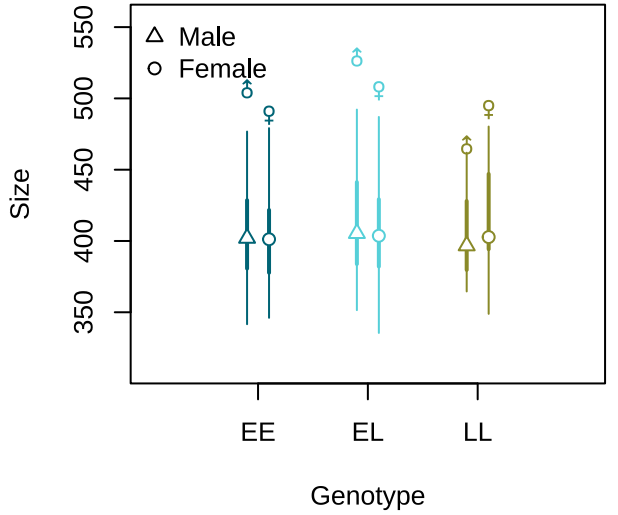

Female
Variance proximate cue
0
50
100
150
200
250
0.0
0.5
1.0
1.5
Variance Vgll3

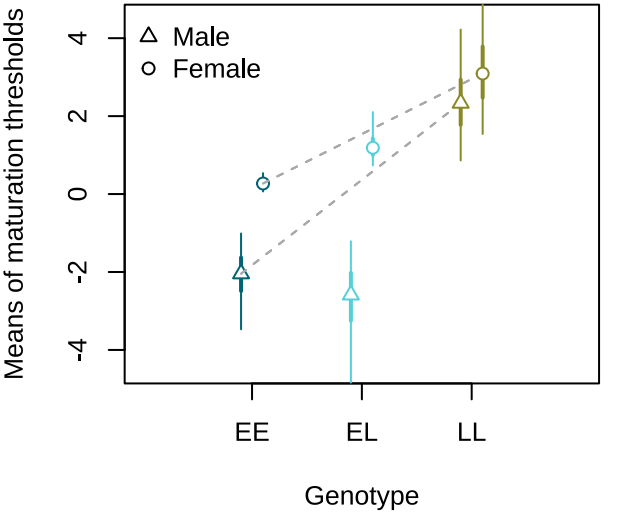

ariance Gen residual female
0
5
10
15
Variance Gen residual male
0
10
20
30
40


Variance VGLL3
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Variance Gen residual
0
10
20
30
40

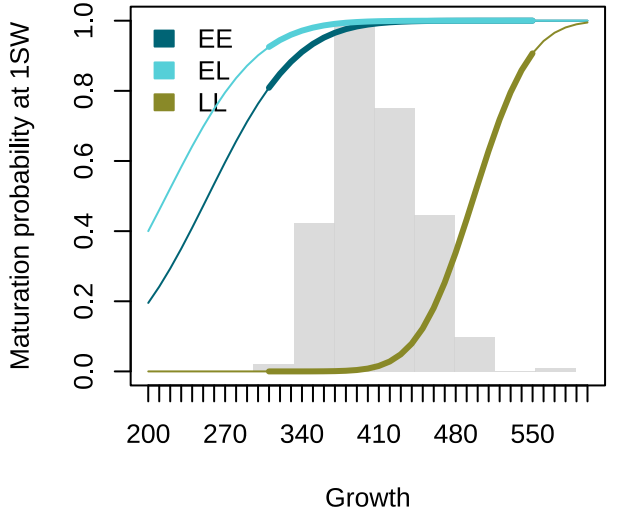

Variance eta
0
50
100
150
200
250
Variance Gen residual
0
10
20
30
40


Growth distributions
Male
Female
550
500
450
400
350
Marine growth
EE
EL
LL
GENOTYPE

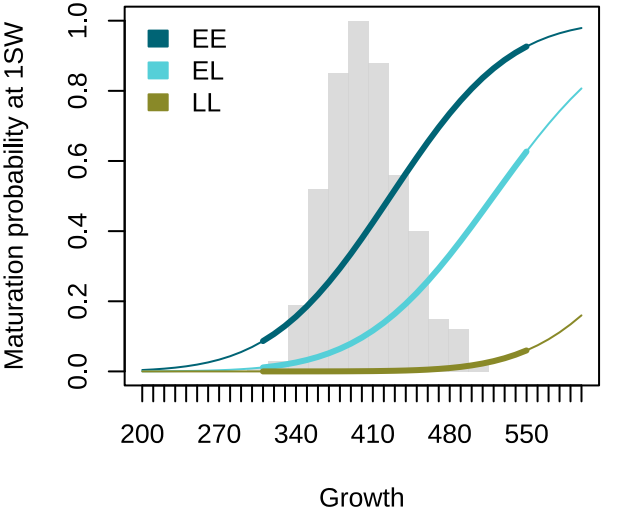

Size
Male
Female
350
400
450
500
550
EE
EL
LL
Genotype

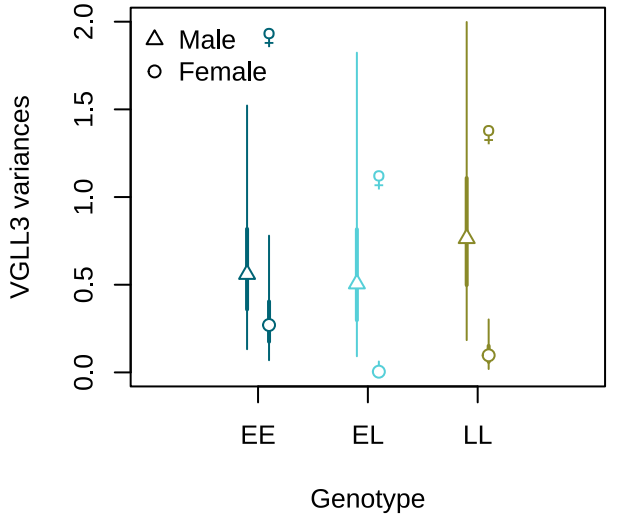

Means of maturation thresholds
Male
Female
-4
-2
0
2
4
EE
EL
LL
Genotype

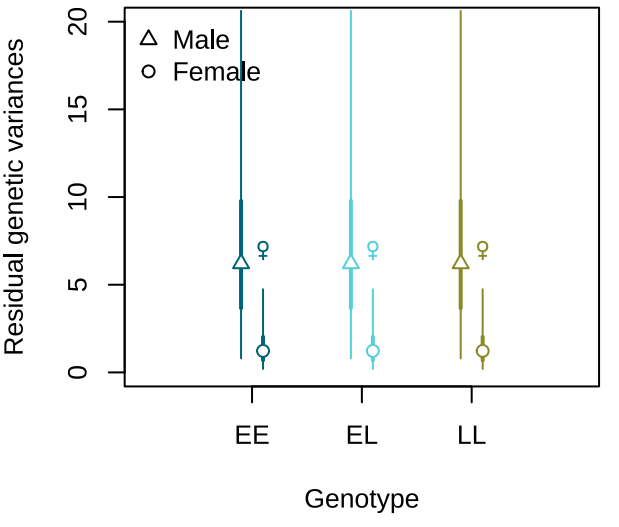
♂

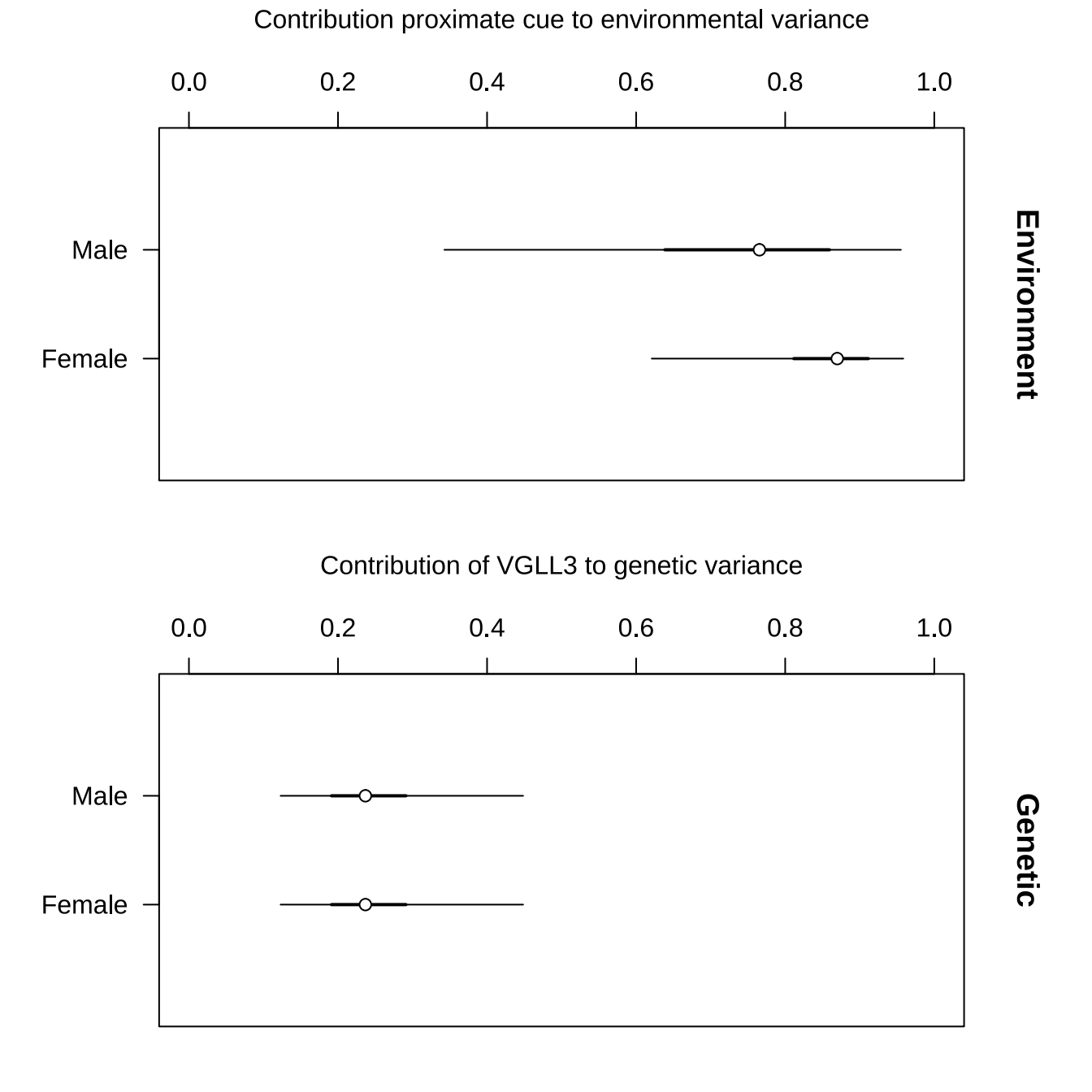

Maturation probability at 1SW
EE
EL
LL
0.0
0.2
0.4
0.6
0.8
1.0
200
270
340
410
480
550
Growth

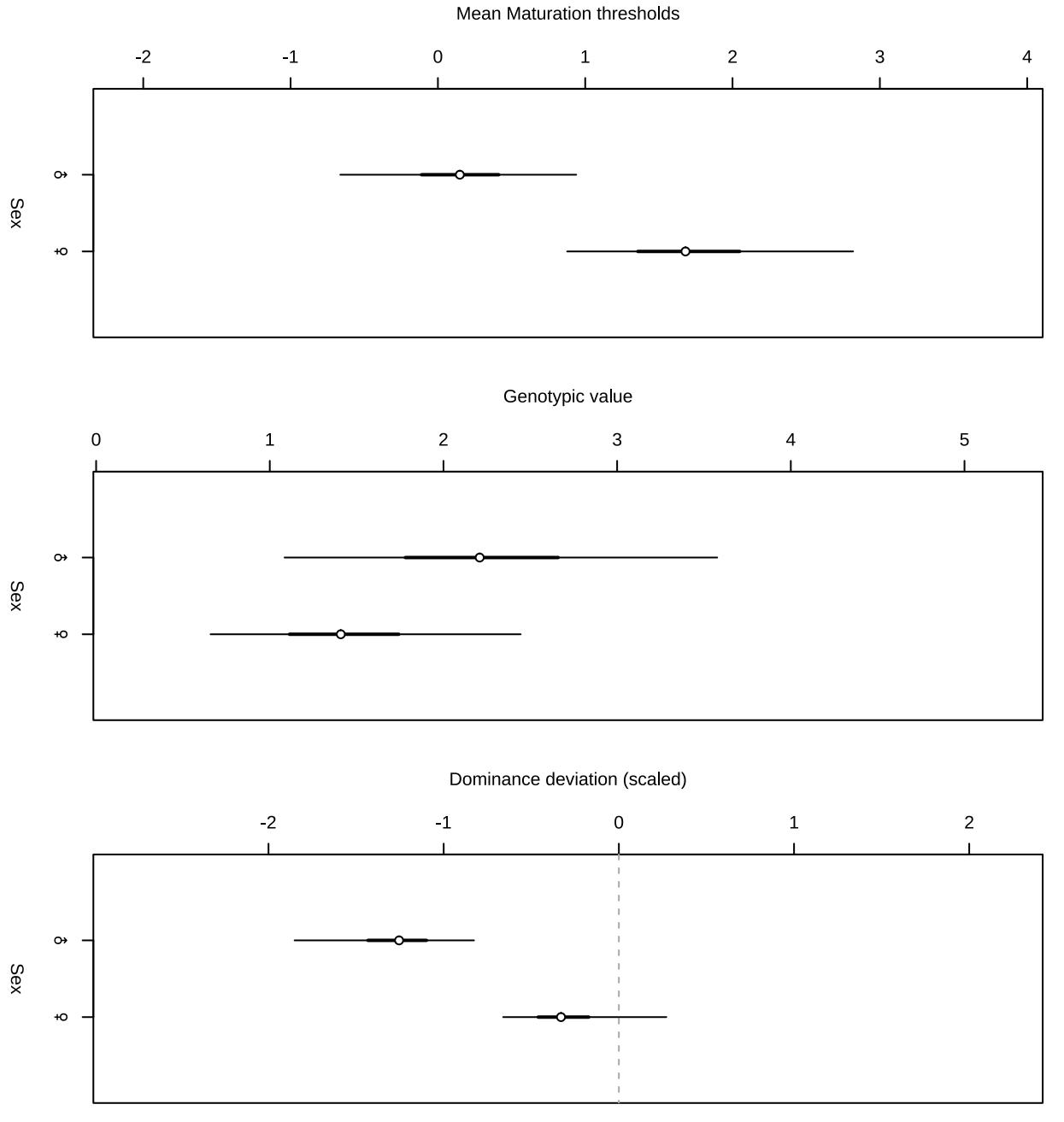
♀

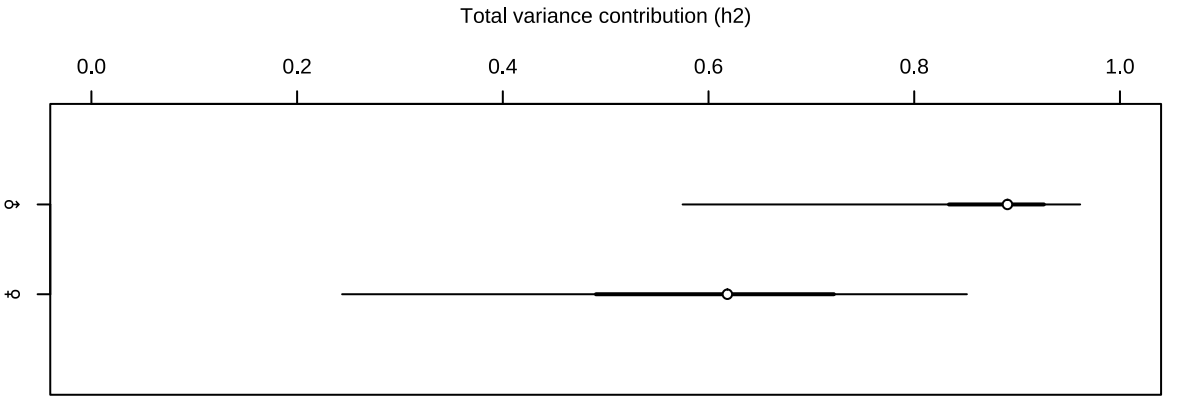

Maturation probability at 1SW
EE
EL
LL
0.0
0.2
0.4
0.6
0.8
1.0
200
270
340
410
480
550
Growth

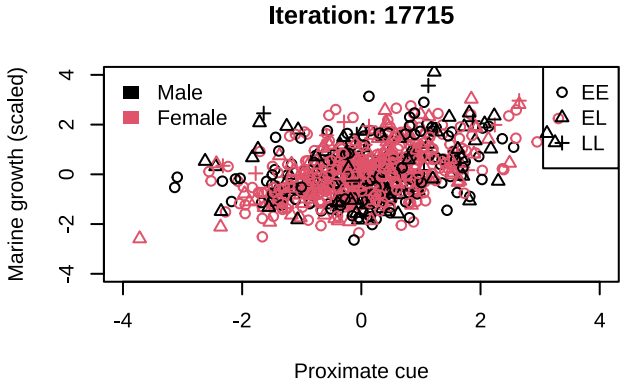

VGLL3 variances
0.0
0.5
1.0
1.5
2.0
Male
Female
EE
EL
LL
Genotype

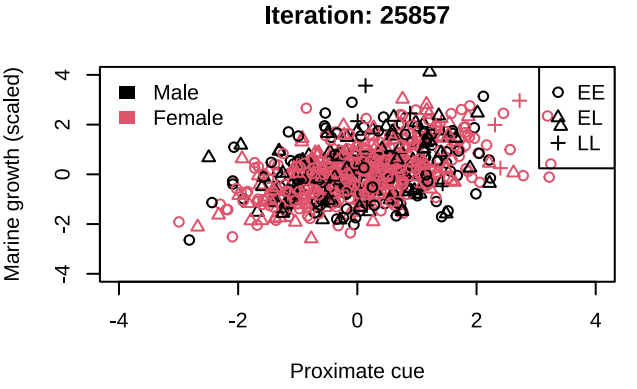

Residual genetic variances
0
5
10
15
20
Male
Female
EE
EL
LL
Genotype

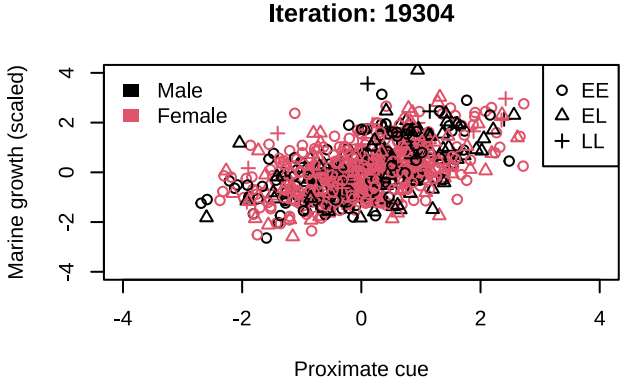

Contribution proximate cue to environmental variance
0.0
0.2
0.4
0.6
0.8
1.0
Male
Female
Environment
Contribution of VGLL3 to genetic variance
0.0
0.2
0.4
0.6
0.8
1.0
Male
Female
Genetic

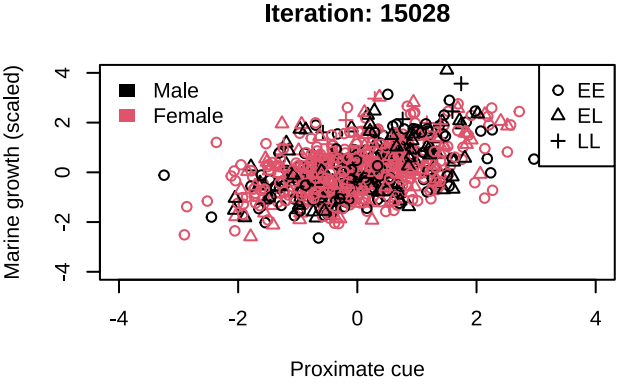

Mean Maturation thresholds
-2
-1
0
1
2
3
4
sex
♀
♂
Genotypic value
0
1
2
3
4
5
sex
♀
♂
Dominance deviation (scaled)
-2
-1
0
1
2
sex
♀
♂

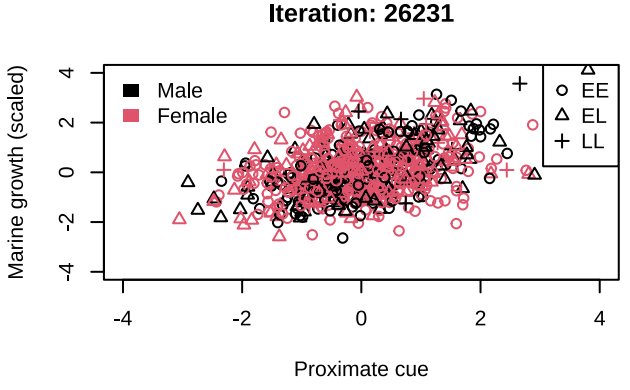

Total variance contribution (h2)
0.0
0.2
0.4
0.6
0.8
1.0
♀
♂

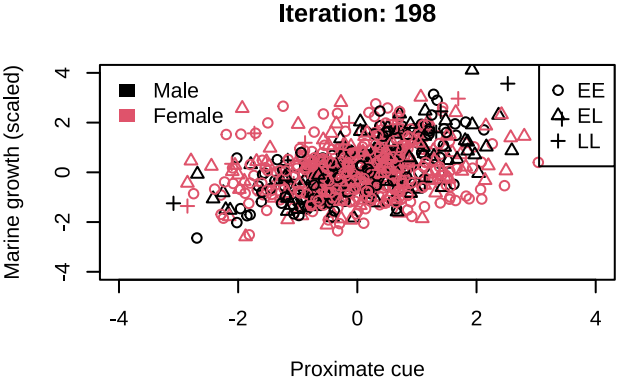

Iteration: 17715
Male
Female
EE
EL
LL
Marine growth (scaled)
Proximate cue

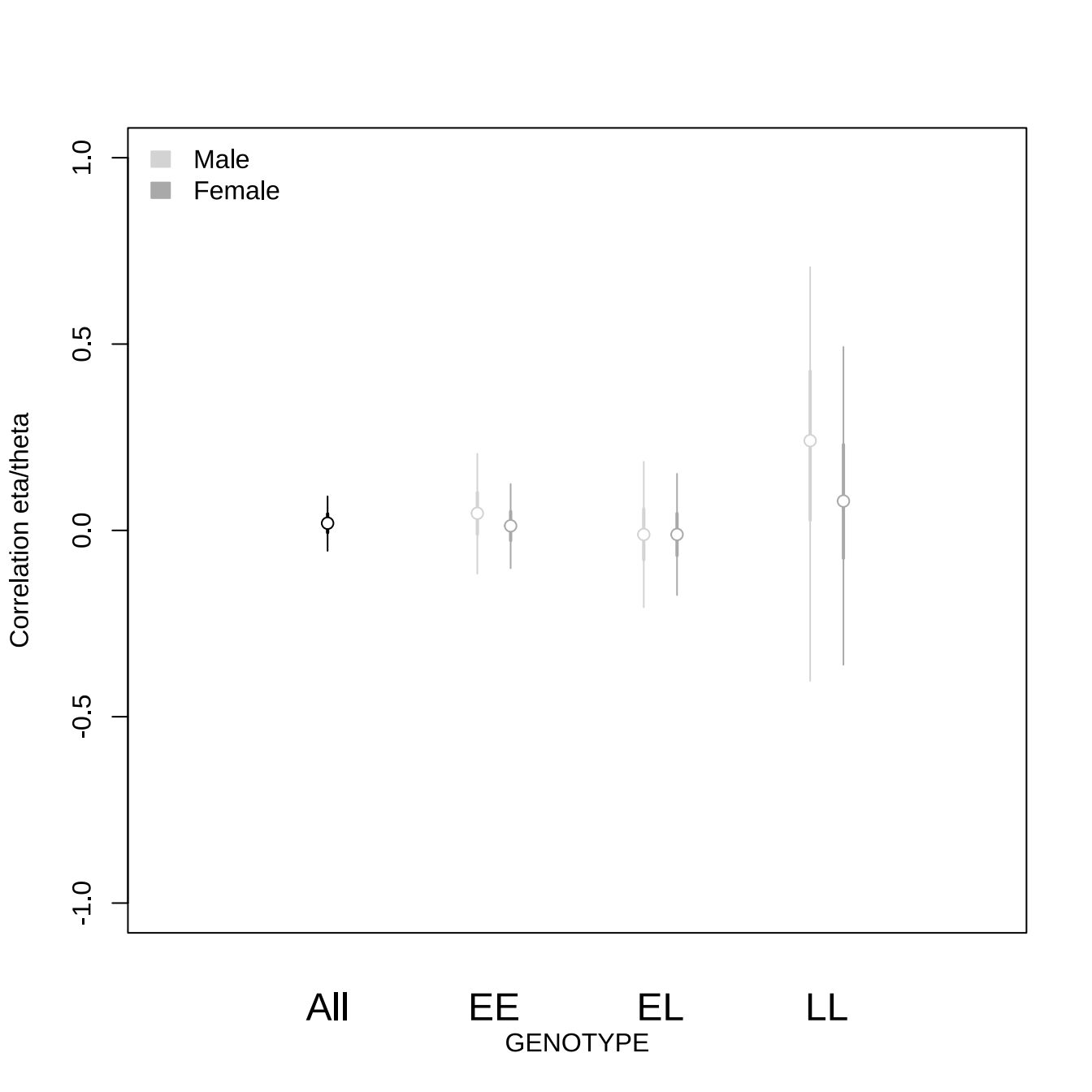

Iteration: 25857
Male
Female
EE
EL
LL
Marine growth (scaled)
Proximate cue

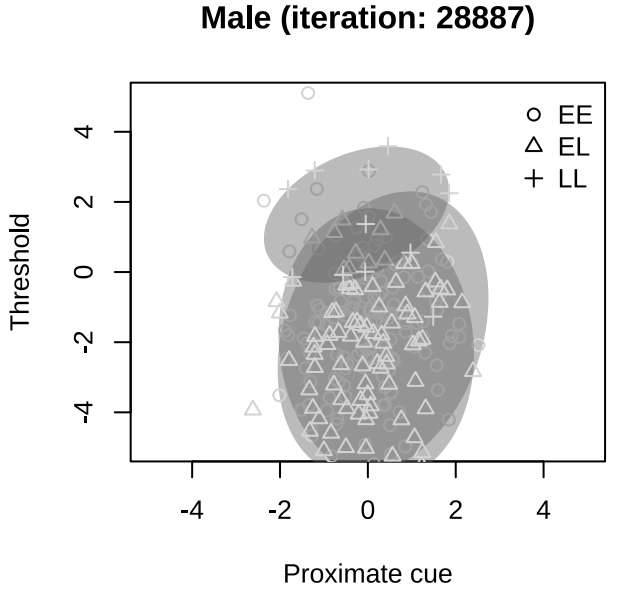

Iteration: 19304
Male
Female
EE
EL
LL
Marine growth (scaled)
Proximate cue

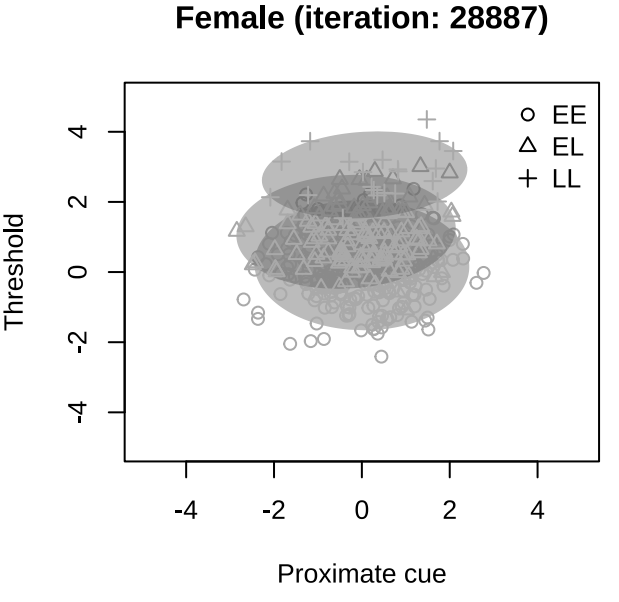

Iteration: 15028
Male
Female
EE
EL
LL
Marine growth (scaled)
Proximate cue

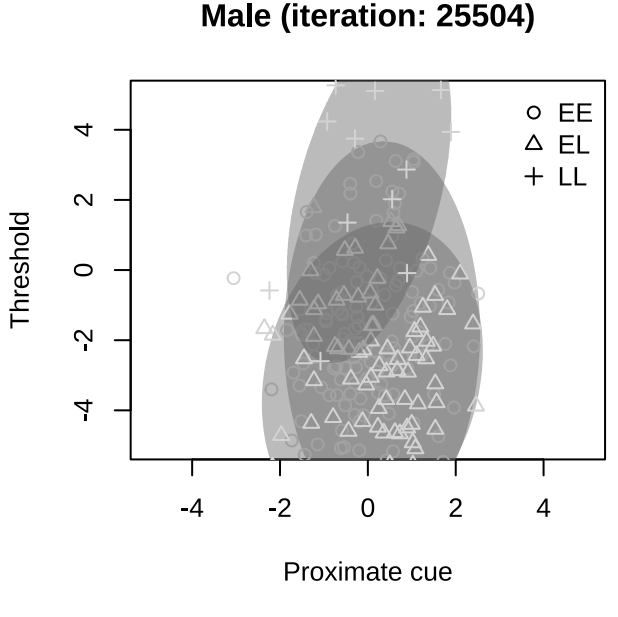

Iteration: 26231
Male
Female
EE
EL
LL
Marine growth (scaled)
Proximate cue

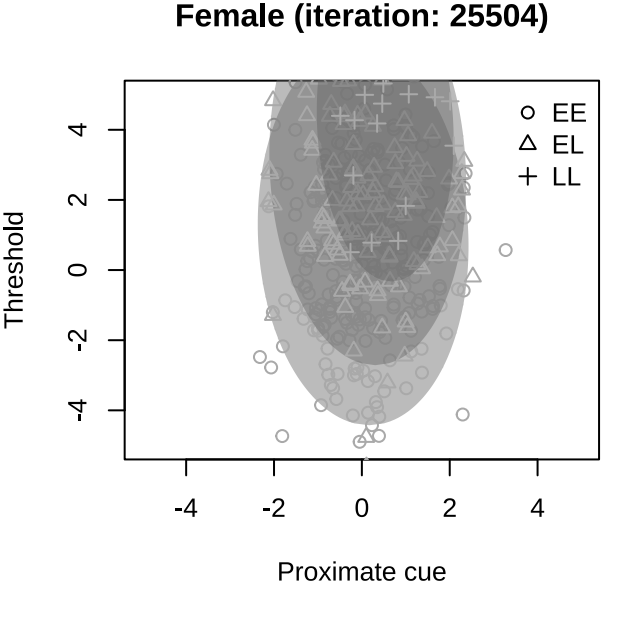

Iteration: 198
Male
Female
EE
EL
LL
Marine growth (scaled)
Proximate cue

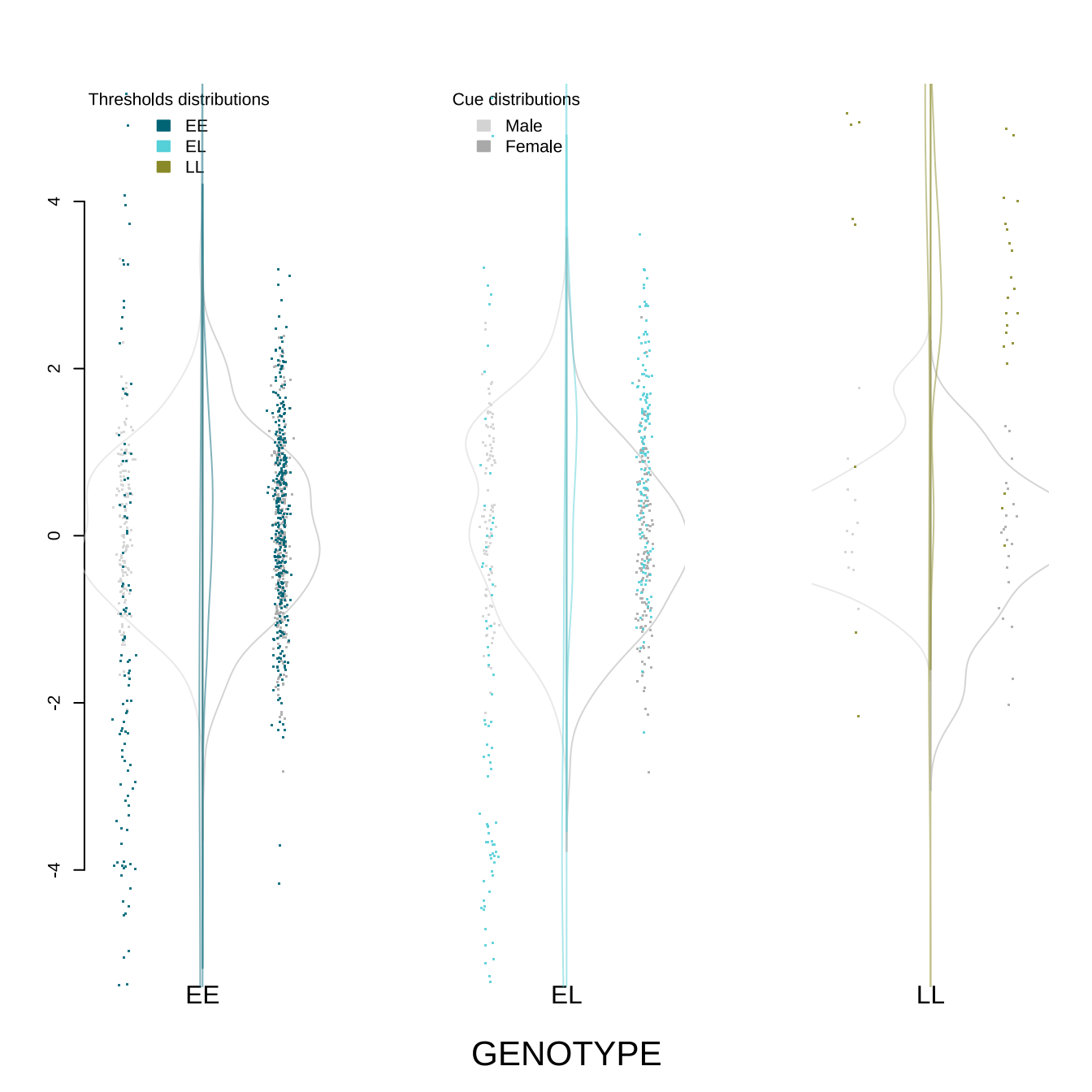

Male
Female
1.0
0.5
0.0
-0.5
-1.0
Correlation eta/theta
All
EE
EL
LL
GENOTYPE

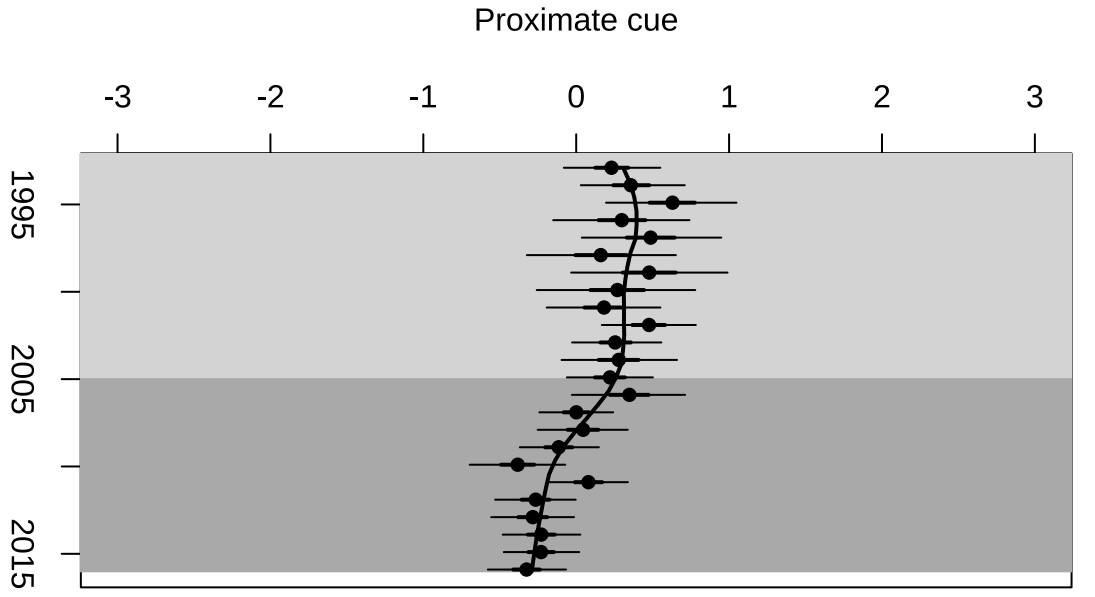

Male (iteration: 28887)
EE
EL
LL
Threshold
Proximate cue
-4
-2
0
2
4

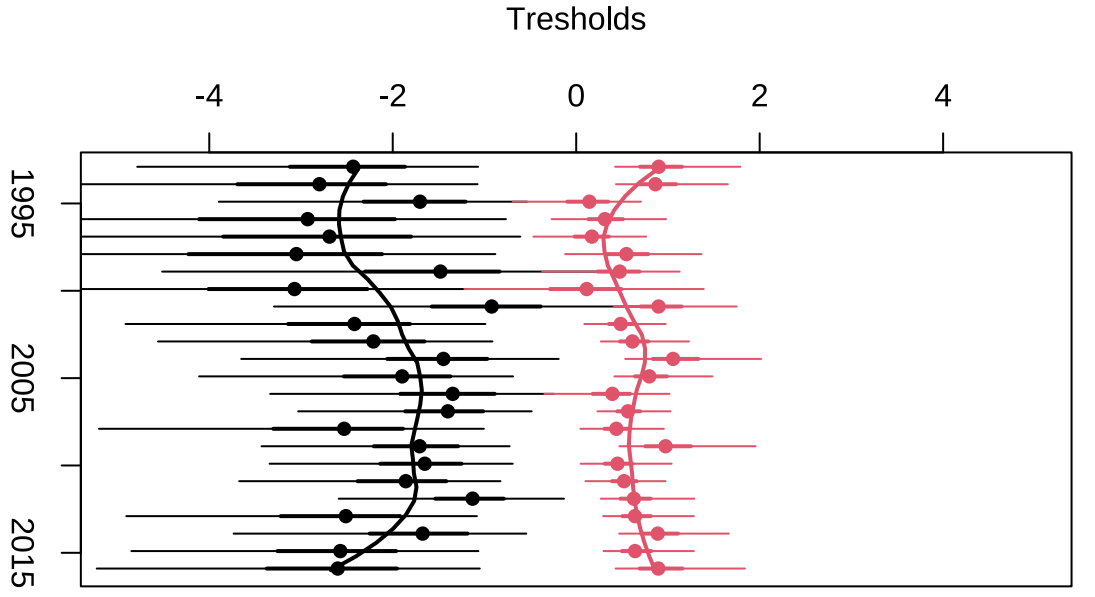

Female (iteration: 28887)
EE
EL
LL
Threshold
Proximate cue
-4
-2
0
2
4

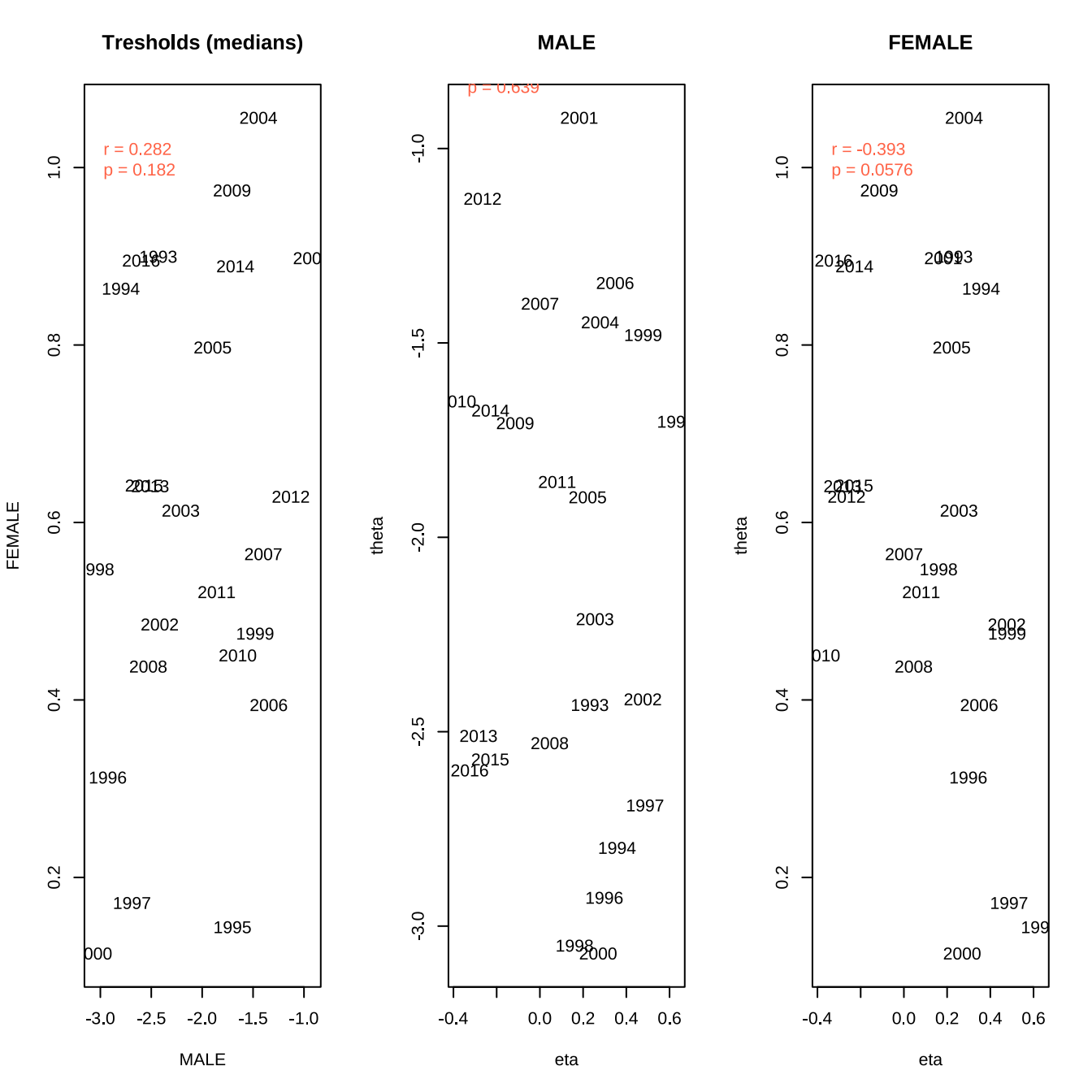

Male (iteration: 25504)
EE
EL
LL
Threshold
Proximate cue
-4
-2
0
2
4

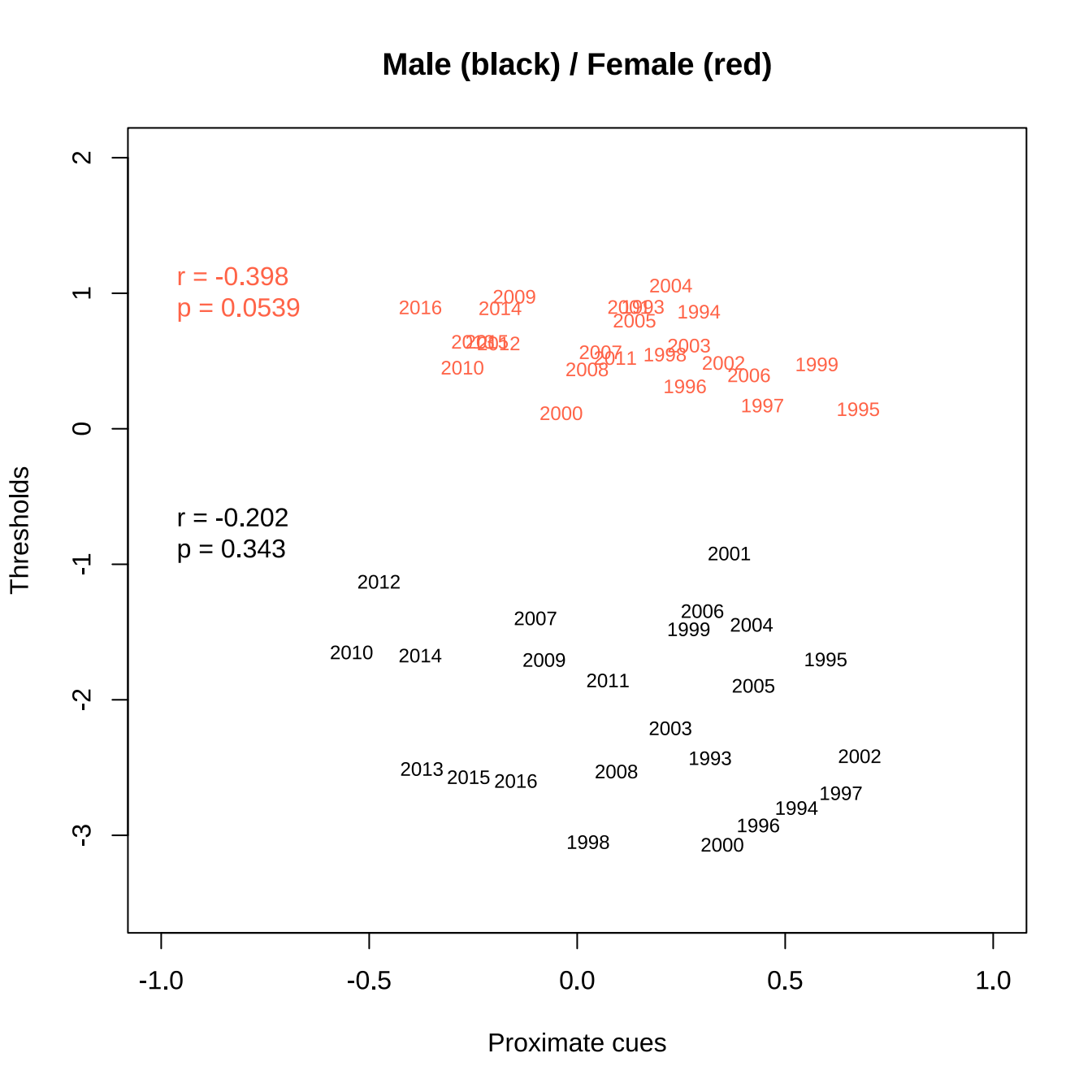

Female (iteration: 25504)
EE
EL
LL
Threshold
Proximate cue
-4
-2
0
2
4

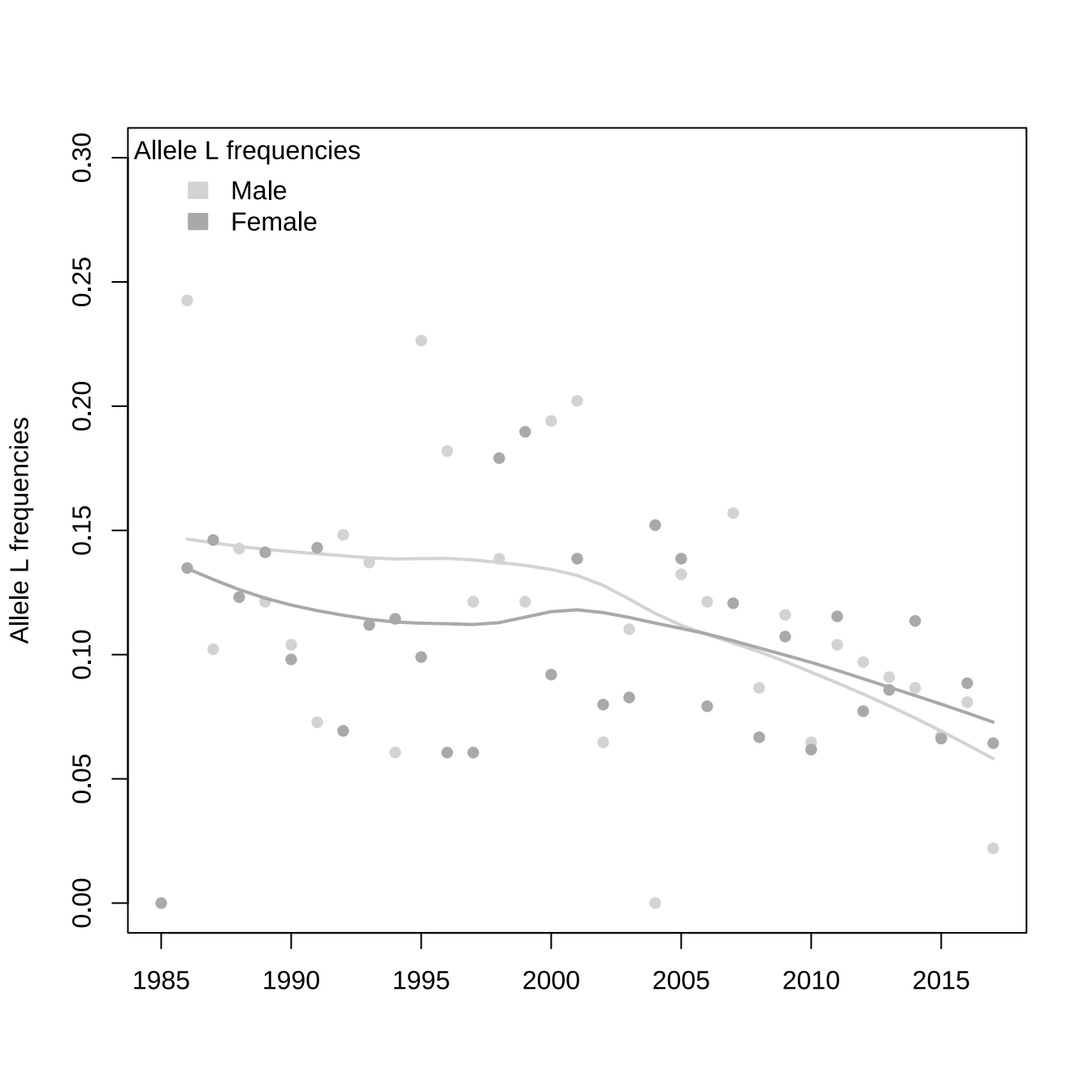

Thresholds distributions
EE
EL
LL
Cue distributions
Male
Female
4
2
0
-2
-4
EE
EL
LL
GENOTYPE

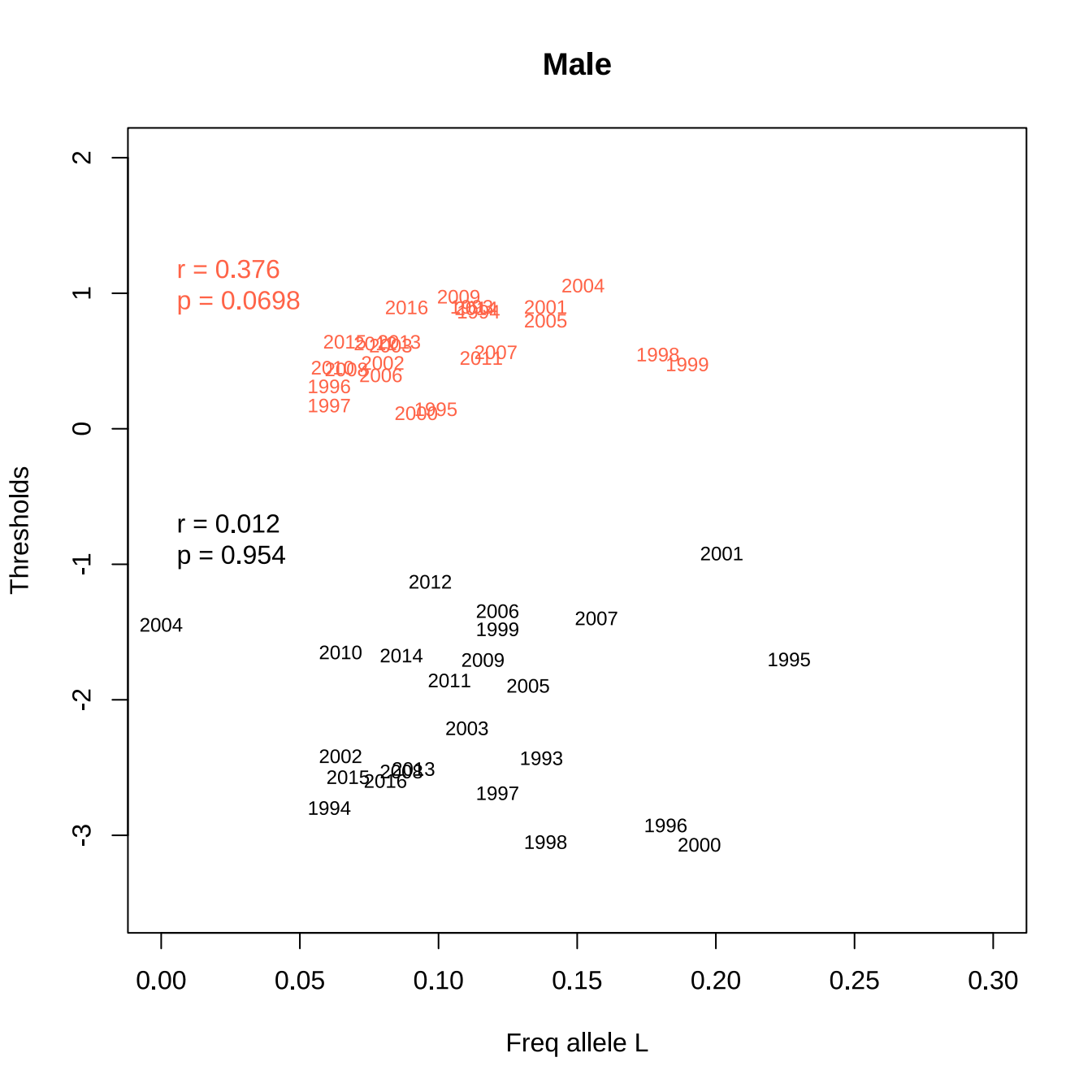

Proximate cue
-3
-2
-1
0
1
2
3
1995
2005
2015


Tresholds
-4
-2
0
2
4
1995
2005
2015


Tresholds (medians)
r = 0.282
p = 0.182
FEMALE
MALE
MALE
p = 0.639
theta
eta
FEMALE
r = -0.393
p = 0.0576
theta
eta


Male (black) / Female (red)
r = -0.398
p = 0.0539
r = -0.202
p = 0.343
Thresholds
Proximate cues
2
1
0
-1
-2
-3
-1.0
-0.5
0.0
0.5
1.0
2016
2014
2009
2004
1994
2005
2003
2010
2008
2011
1998
2002
1999
2006
1996
1997
1995
2000
2001
2012
2007
2006
1999
2004
2010
2014
2009
1995
2011
2005
2003
1993
2002
2013
2015
2016
2008
1997
1994
1996
1998
2000


Allele L frequencies
Male
Female
Allele L frequencies
0.00
0.05
0.10
0.15
0.20
0.25
0.30
1985
1990
1995
2000
2005
2010
2015


Male
r = 0.376
p = 0.0698
r = 0.012
p = 0.954
Thresholds
Freq allele L
2
1
0
-1
-2
-3
0.00
0.05
0.10
0.15
0.20
0.25
0.30