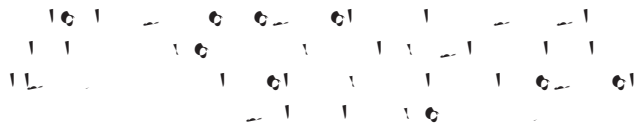
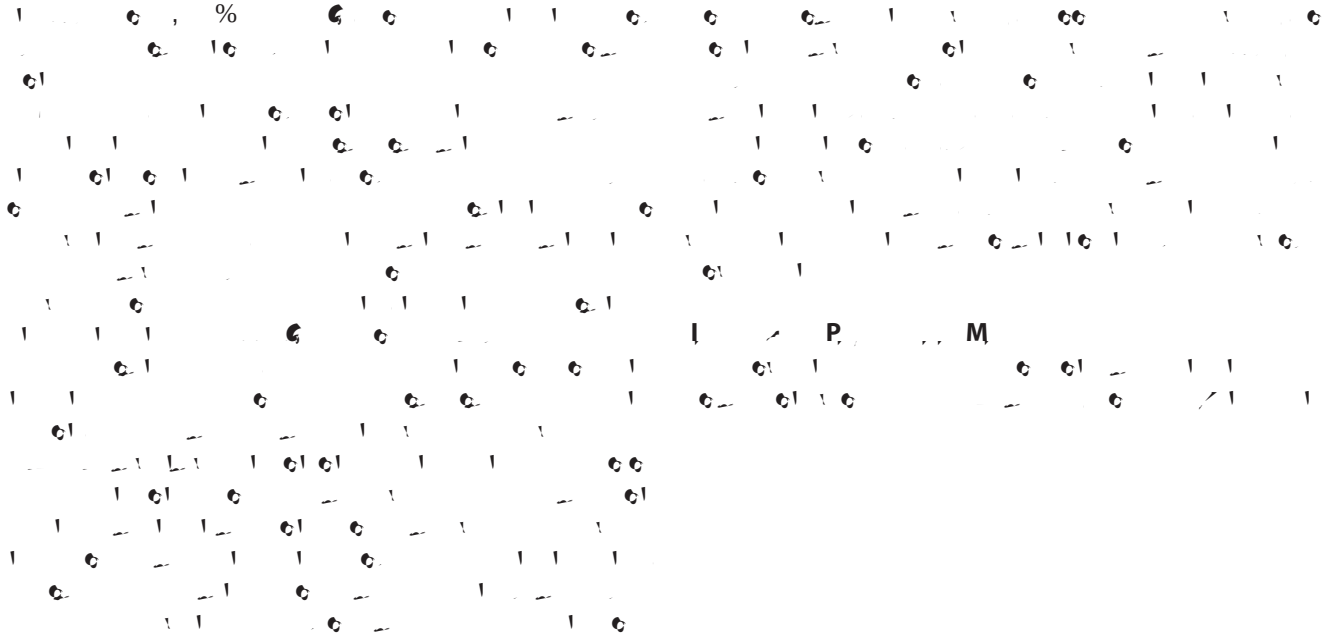
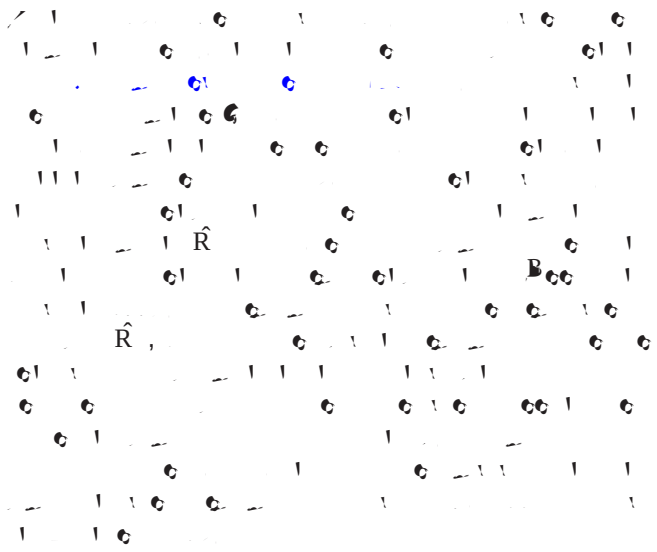
INTRODUCTION

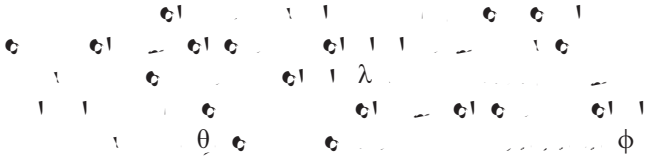


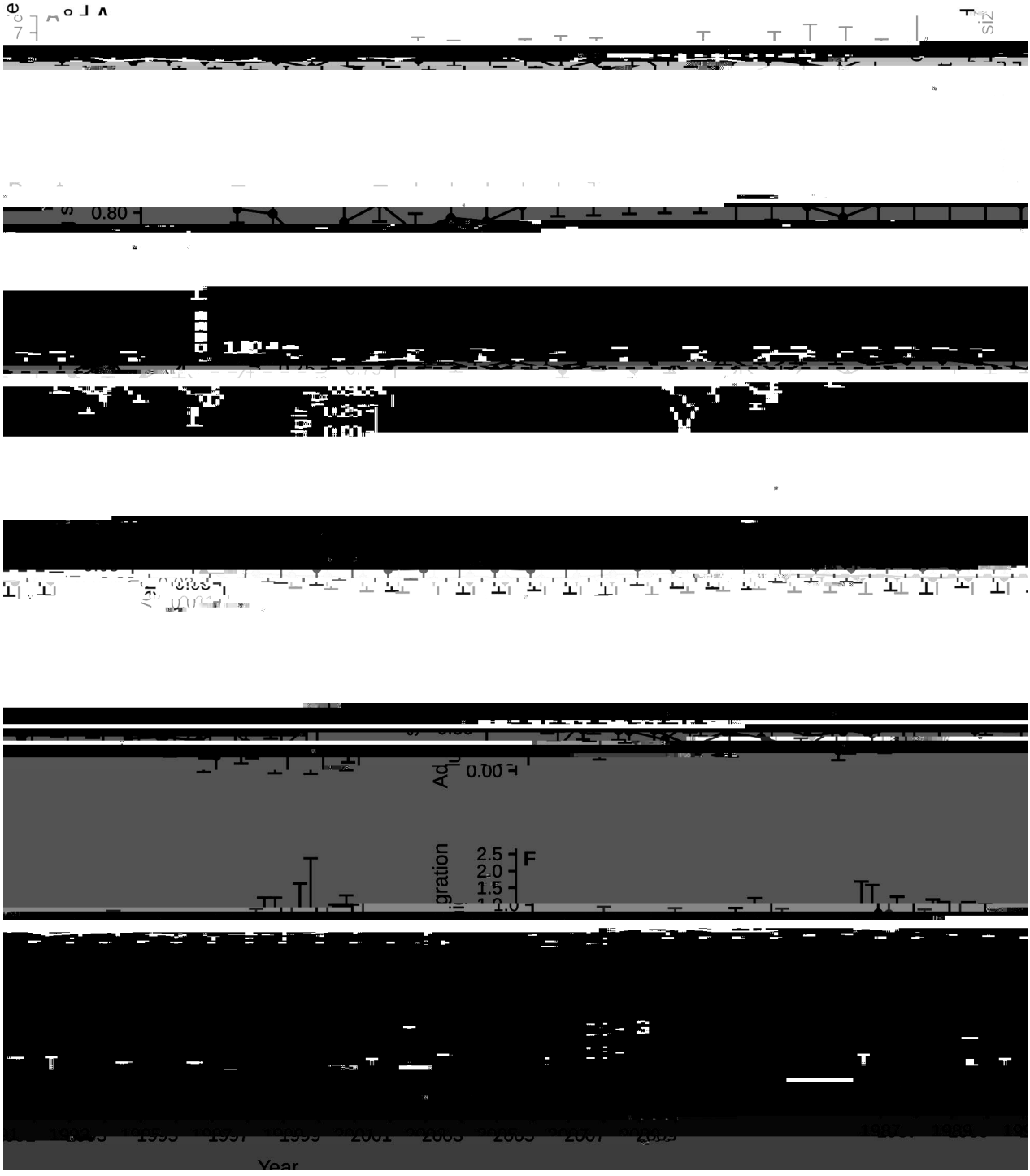



$N_{\mathrm{ASY}}^{\mathrm{sex}}$



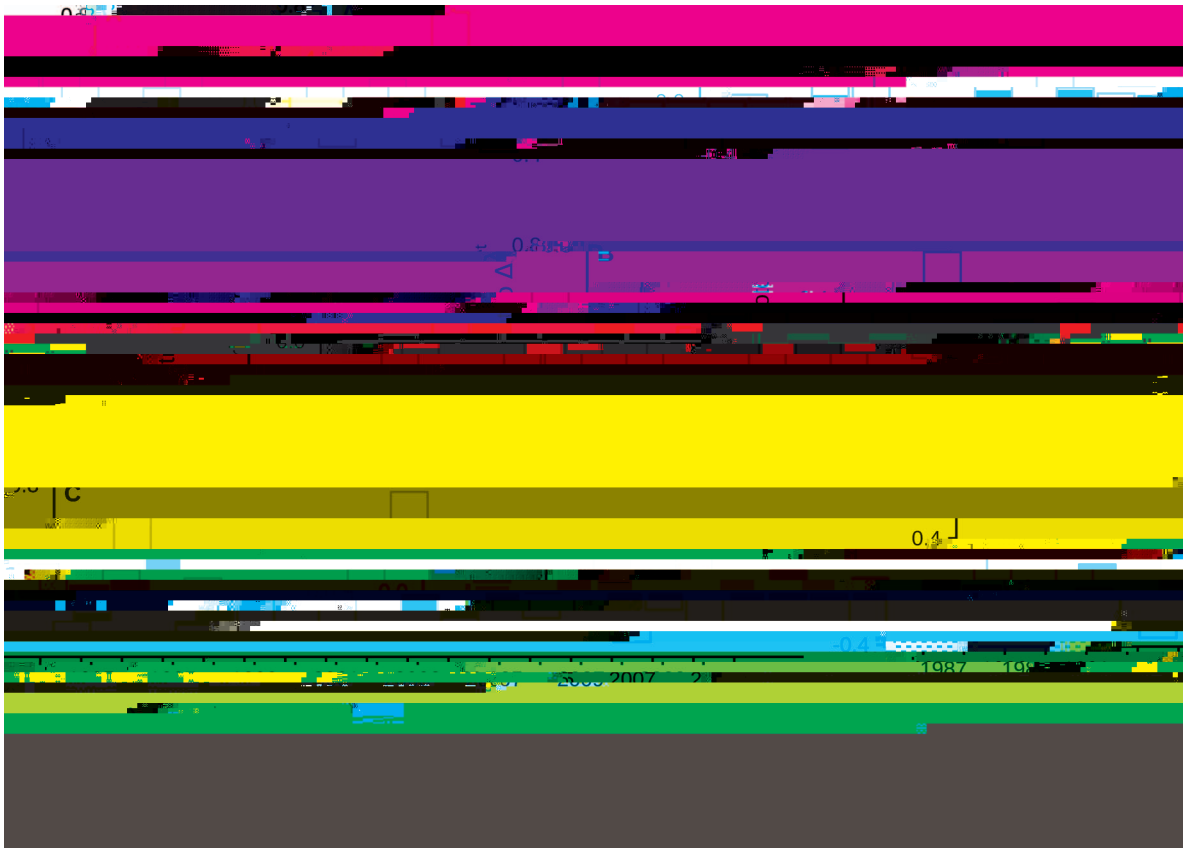
L T R E





F **4.** (**A** **F**) (**G**) (λ). A 95%

$p^{♀}_{SY,\mu}$ = , $p^{♂}_{SY,\mu}$ = , P $^{♀}_{SY,\mu}$
. $p^{♂}_{SY,\mu}$ = %
$^{♀}_{ASY,\mu}$ = ,
$p^{♂}_{ASY,\mu}$ = P $p^{♀}_{ASY,\mu}$. $p^{♂}_{ASY,\mu}$ = $\omega^{♀}$ = $\omega^{♂}$ =



F 5. (+ 1) = 1987 = 2008 (Δλ). **(A)** ( ). **(B)** ( ) ( ). **(C)** ( ) ( ) Δλ ,

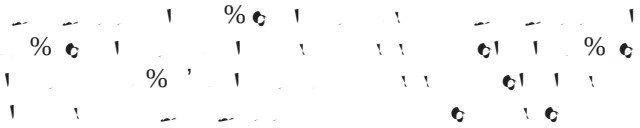
T 2. (λ) 24 λ.

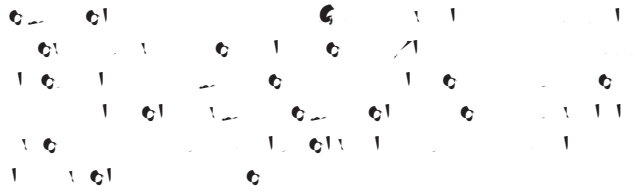
P	M LTRE (95% BCI)	N z % (λ)
	0.00003 (−0.00103, 0.00106)	0.04 %
	0.00053 (−0.00014, 0.00125)	0.71 %
f	0.00161 (−0.00061, 0.00388)	2.20 %
$\phi^{♀}$	0.00003 (−0.00115, 0.00133)	0.04 %
$\phi^{♂}$	0.00001 (−0.00098, 0.00104)	0.01 %
$\phi_A^{♀}$	0.01040 (0.00134, 0.02280)	14.22 %
$\phi_A^{♂}$	0.00957 (−0.00399, 0.02390)	13.09 %
$\omega^{♀}$	0.02450 (0.00519, 0.06530)	33.49 %
$\omega^{♂}$	0.02660 (0.00444, 0.08160)	36.36 %
$N^{♀}$ / N	−0.00006 (−0.00053, 0.00013)	−0.08 %
$N^{♂}$ / N	−0.00006 (−0.00053, 0.00013)	−0.08 %

L T R E

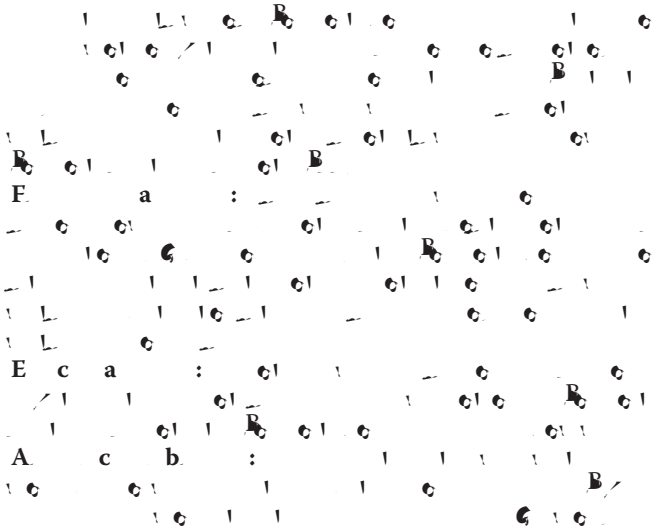
λ λ ~ % ~ % , %

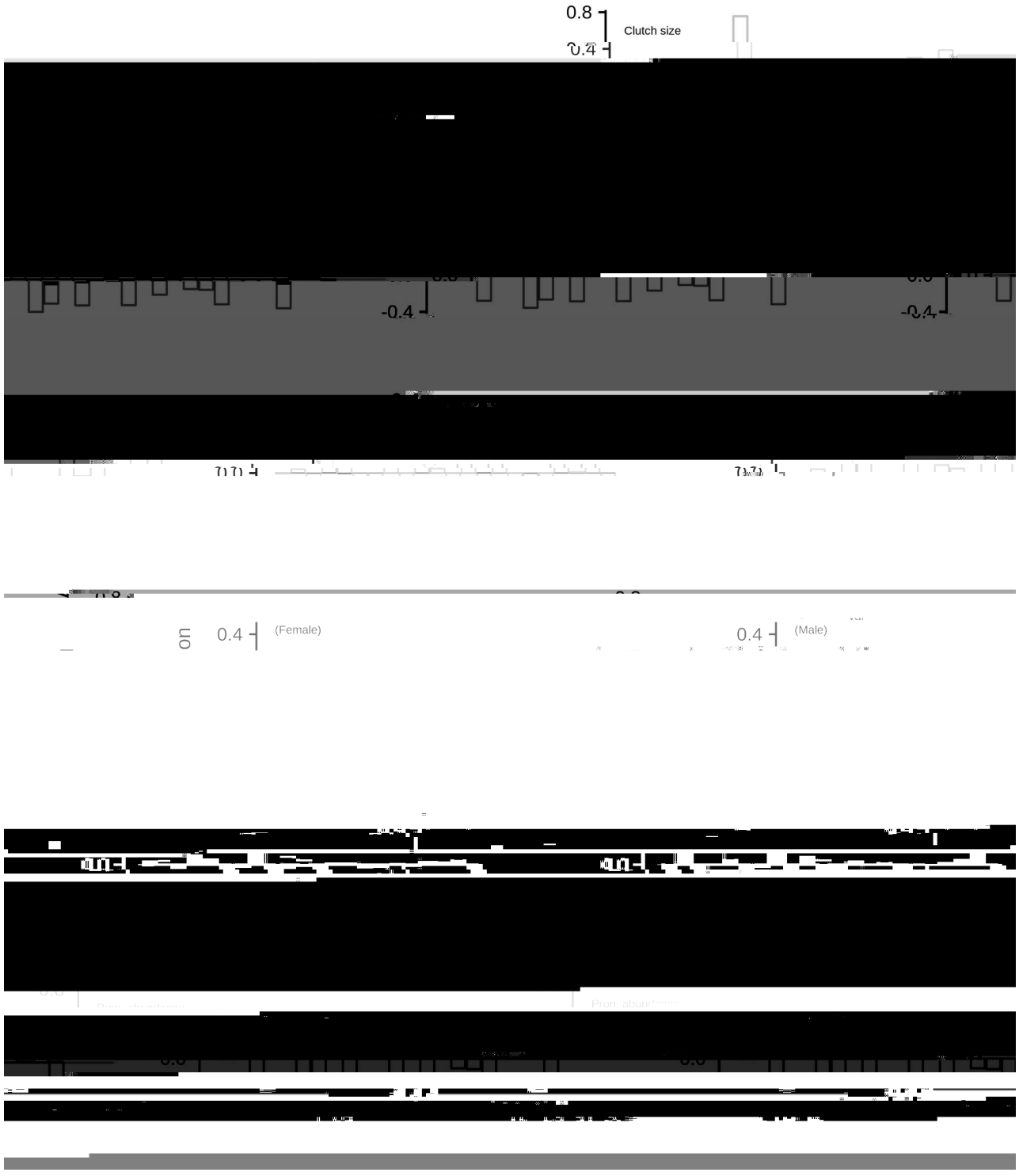
Δλ Δλ %





ACKNOWLEDGMENTS





A F 7. (-) (Δλ). (+1): =1987 =2008 Δλ,