LBPA model fit

LBPA model fit

Residuals

Recruitment and age groups

Selectivity and maturity

Equilibrium curves

Proportion of B0

Lr= 122.92

L50= 109.97

Fmsy= 0.3

Fcr= 0.34

SPR= 0.32

recruitment
age-groups

Maturity
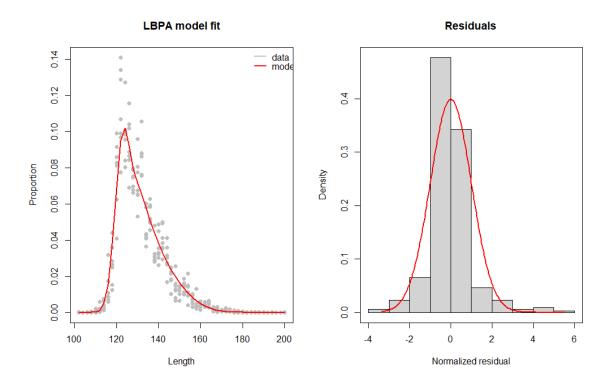Selectivity

Yield
Biomass
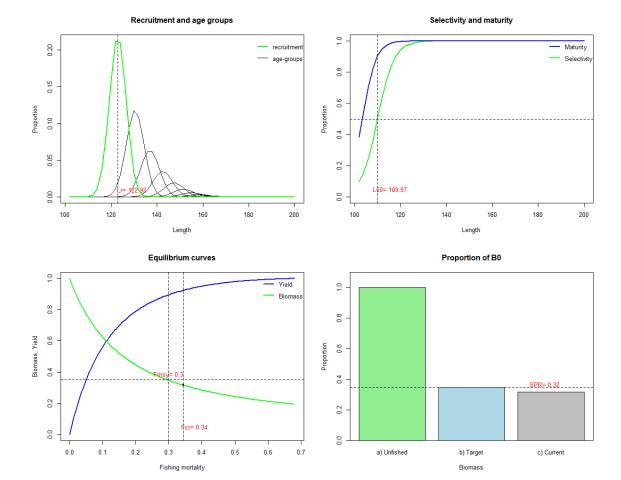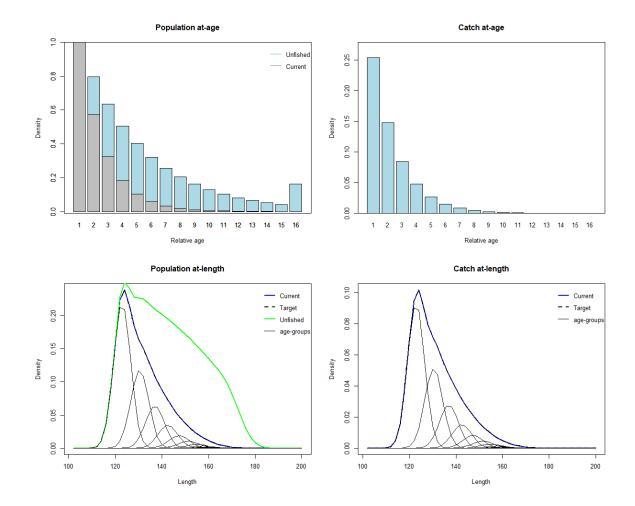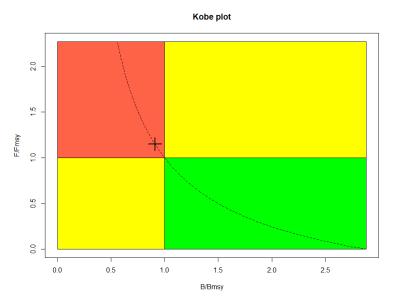
```
> outputs$table1
                                    Value     sd
Selectivity length at 50% (L50)    109.97 3.940
Slope (d)                           10.57 1.987
Fishing mortality (Fcr)              0.34 0.013
Size of recruits (Lr)              122.92 0.164
Invariant std in length (a0)         0.00 0.000
Coeff of variation length at-age (cv)  0.03 0.001


> outputs$table2
                                         Value
Virginal biomass per-recruit (BPR0)    7980.21
Current BPR                            2539.74
Target BPR                             2793.08
Current spawning potential ratio (SPR)   0.32
Target SPR (SPRtar)                      0.35
Target fishing mortality (Ftar)          0.30
Overfishing index (F/Ftar)               1.15
Current yield per-recruit (YPRcur)     957.96
Target  yield per-recruit (YPRtar)     927.80


> outputs$table3
                 log-likelihood
LF Proportions       10327.36
L50                      1.40
d                        0.20
Fcr                      1.74
Lr                       0.06
a0                       0.00
cv                      18.82
Total                10349.62
```