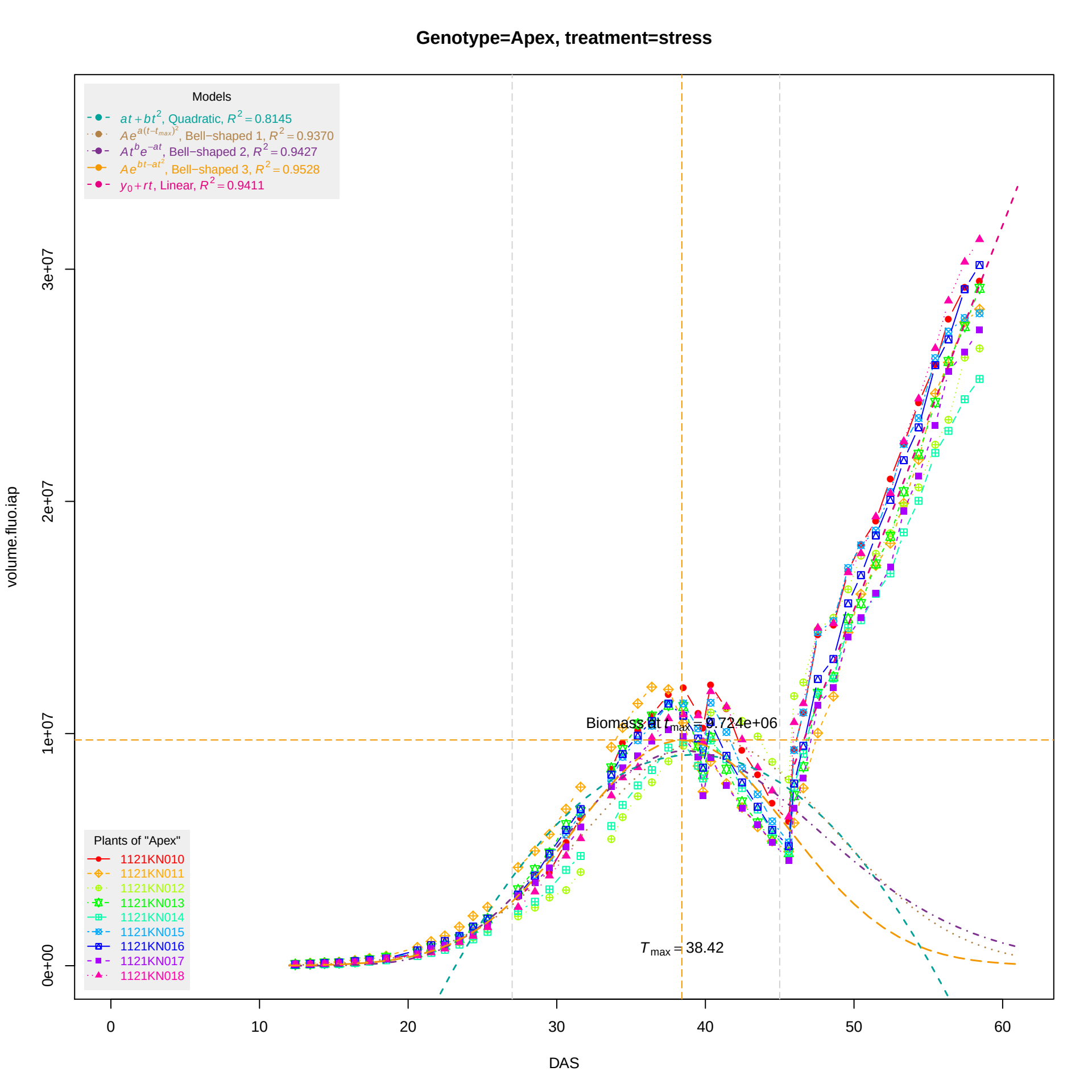
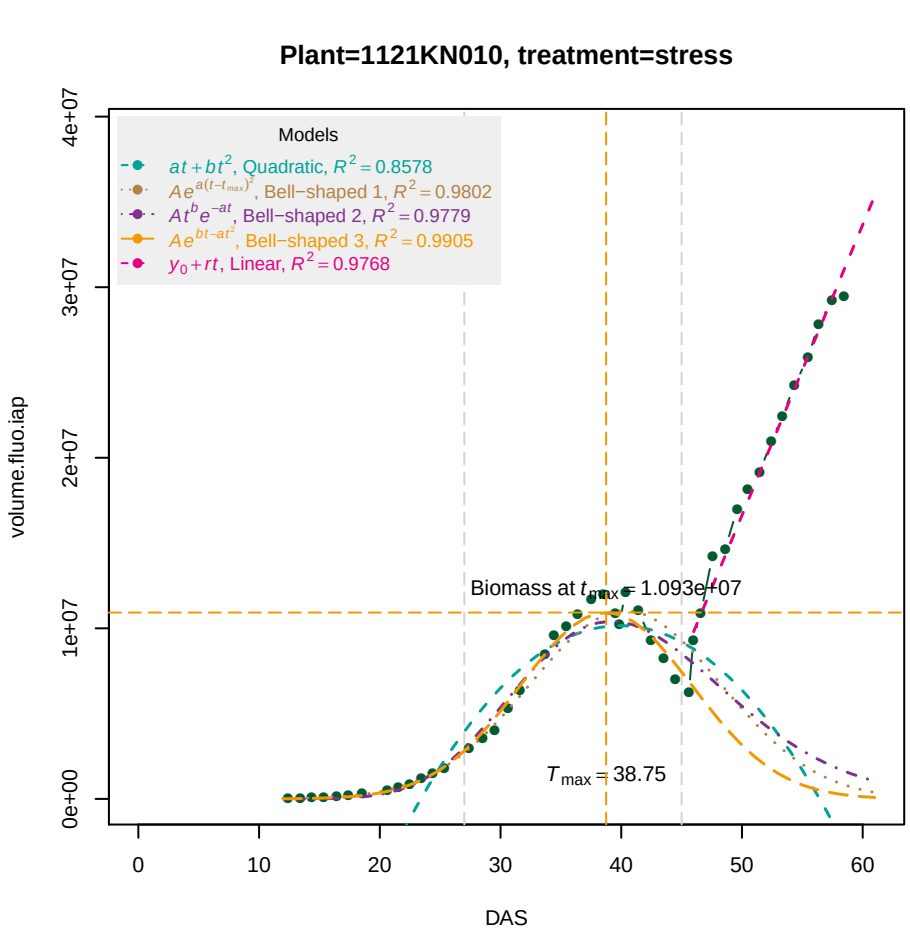
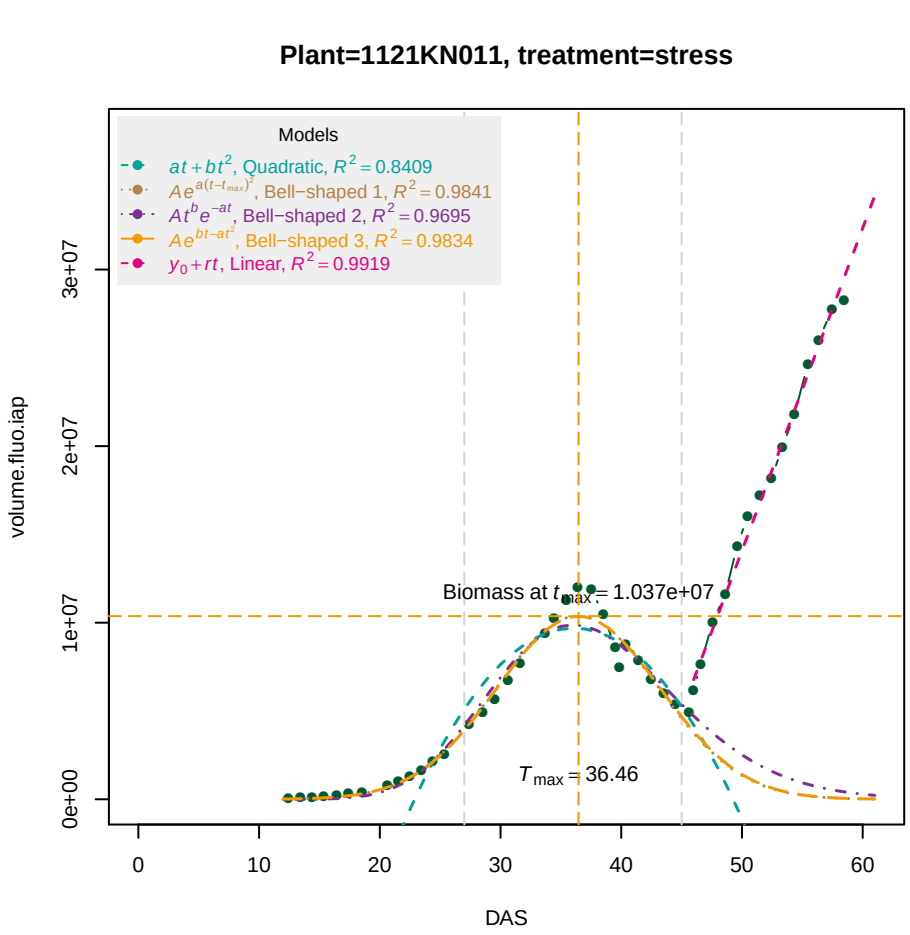
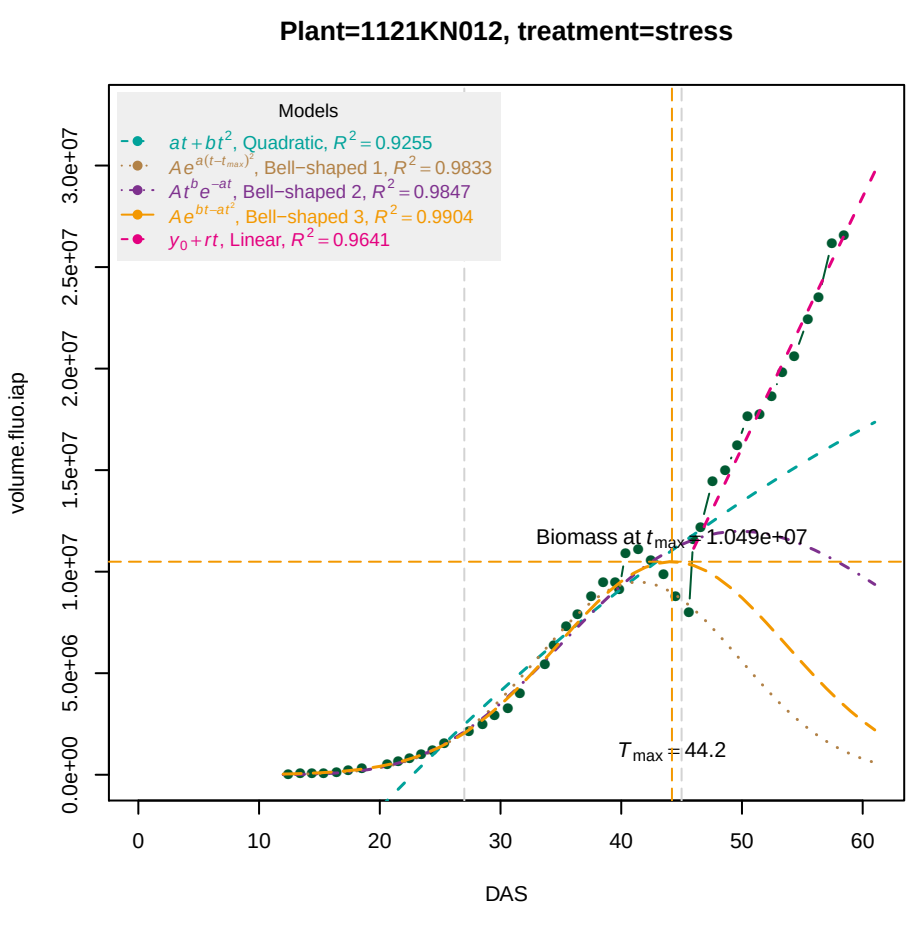
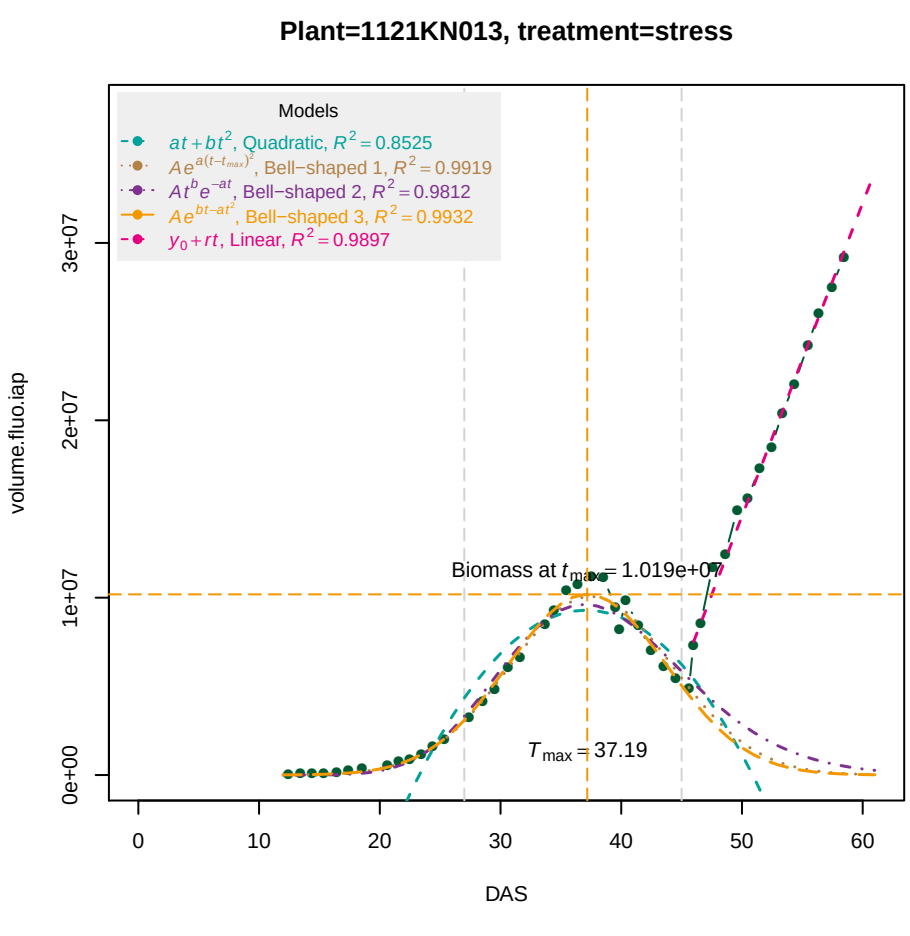
Plant growth modeling
based on trait "volume.fluo.iap"

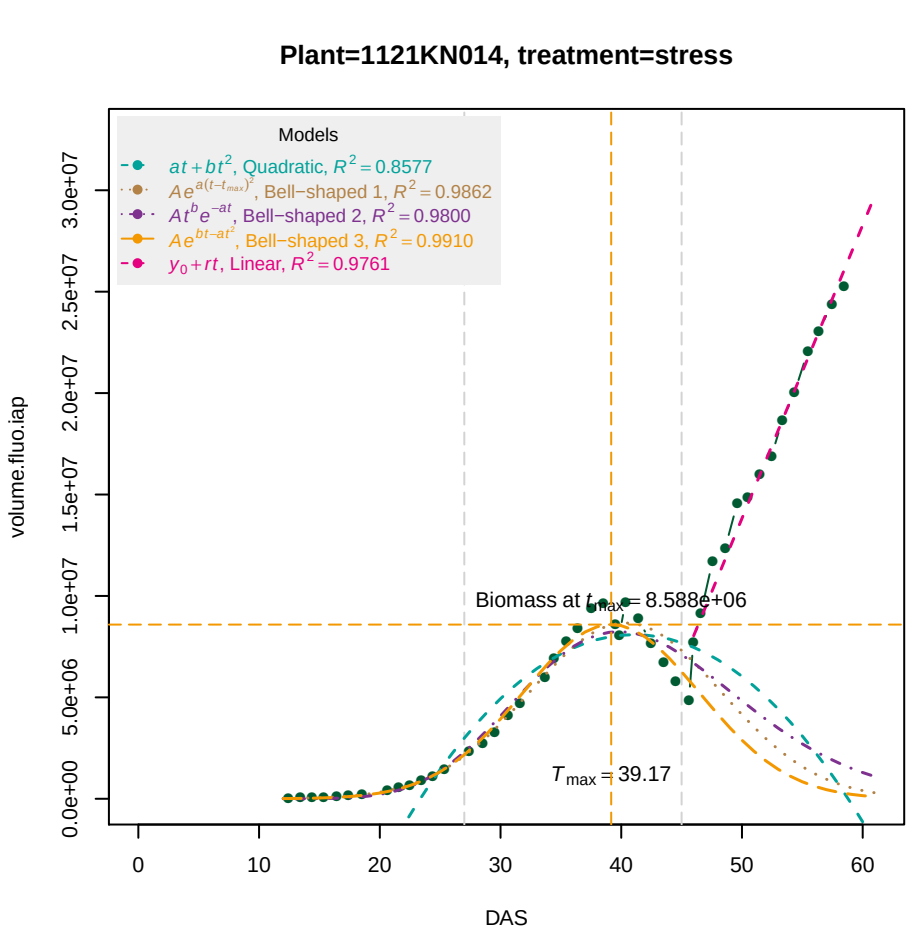

Genotype=Apex, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8145$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9370$
At^be^{-at}, Bell−shaped 2, $R^2=0.9427$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9528$
y_0+rt, Linear, $R^2=0.9411$
Biomass at T_{max} = 9.724e+06
T_{max} = 38.42
Plants of "Apex"
1121KN010
1121KN011
1121KN012
1121KN013
1121KN014
1121KN015
1121KN016
1121KN017
1121KN018
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
0
10
20
30
40
50
60
DAS

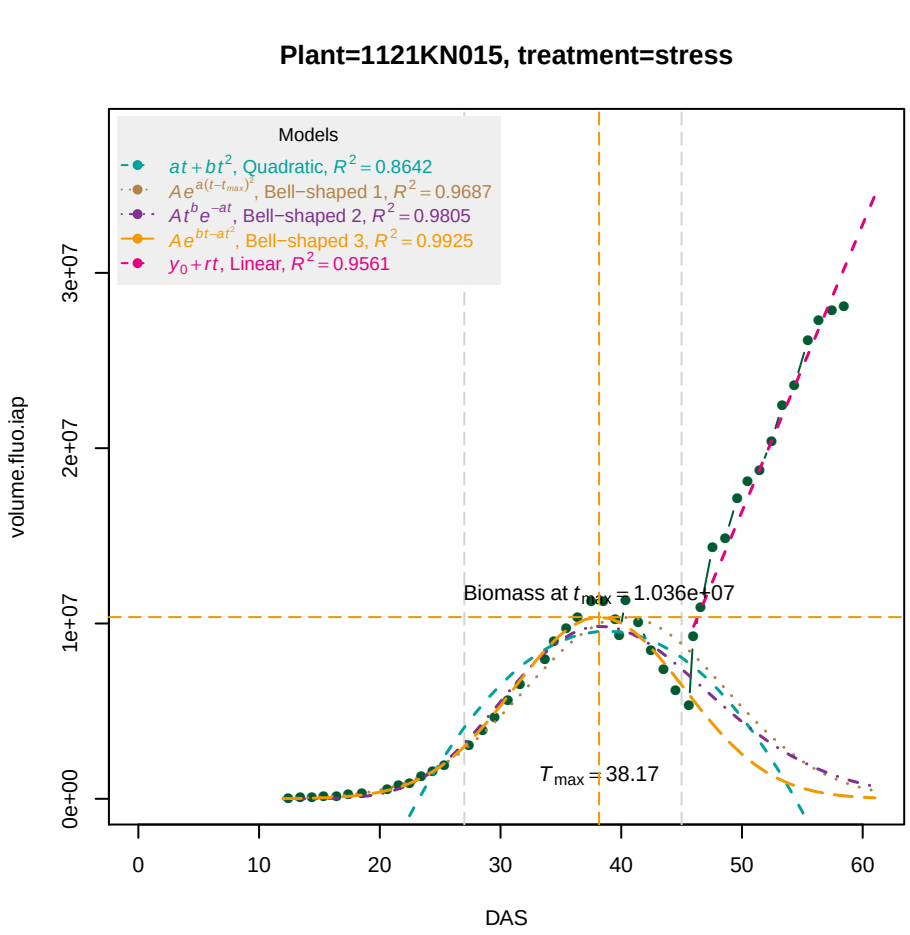

Plant=1121KN010, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8578$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9802$
At^be^{-at}, Bell−shaped 2, $R^2=0.9779$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9905$
y_0+rt, Linear, $R^2=0.9768$
Biomass at t_{max} = 1.093e+07
T_{max} = 38.75
volume.fluo.iap
DAS

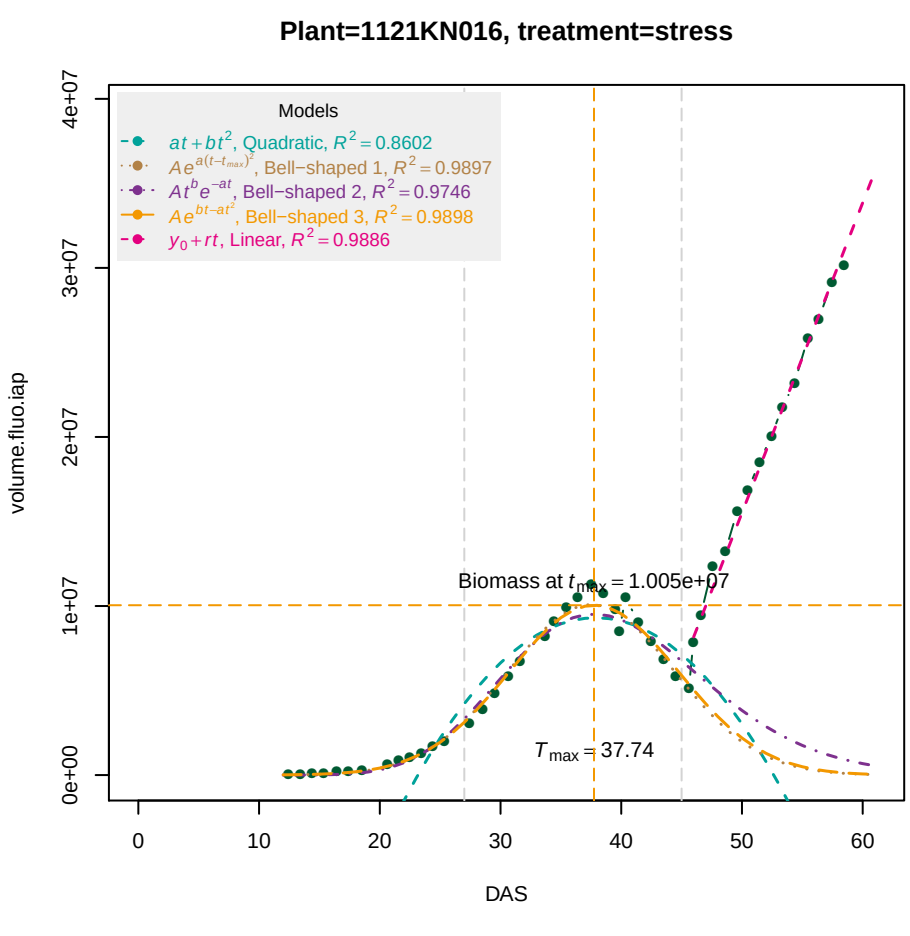

Plant=1121KN011, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8409$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9841$
At^be^{-at}, Bell−shaped 2, $R^2=0.9695$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9834$
y_0+rt, Linear, $R^2=0.9919$
Biomass at t_{max} = 1.037e+07
T_{max} = 36.46
volume.fluo.iap
DAS

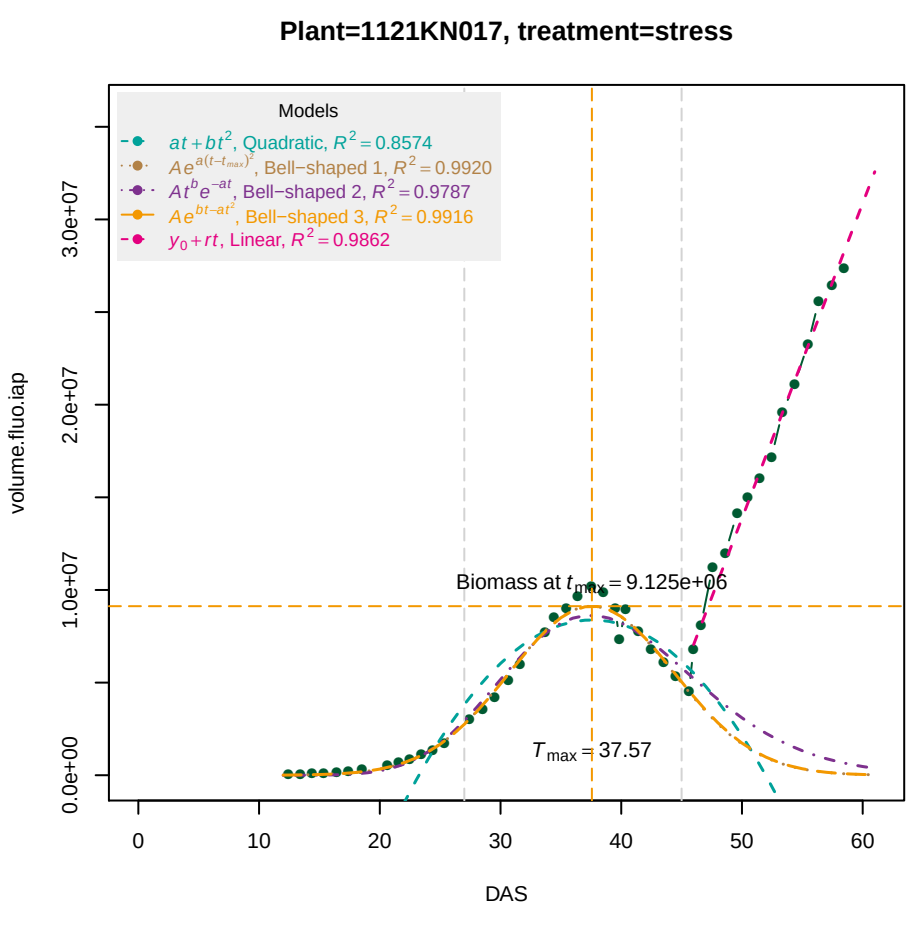

Plant=1121KN012, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9255$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9833$
At^be^{-at}, Bell−shaped 2, $R^2=0.9847$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9904$
y_0+rt, Linear, $R^2=0.9641$
Biomass at t_{max} = 1.049e+07
T_{max} = 44.2
volume.fluo.iap
DAS

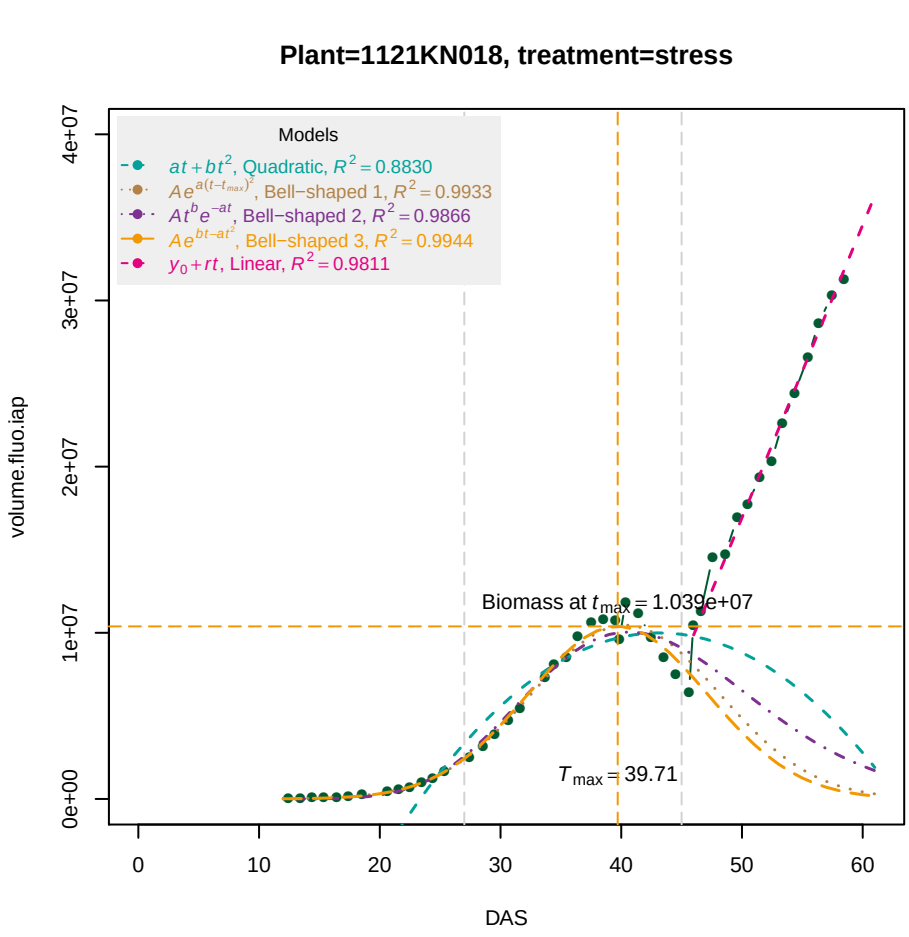

Plant=1121KN013, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8525$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9919$
At^be^{-at}, Bell−shaped 2, $R^2=0.9812$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9932$
y_0+rt, Linear, $R^2=0.9897$
Biomass at t_{max} = 1.019e+07
T_{max} = 37.19
volume.fluo.iap
DAS

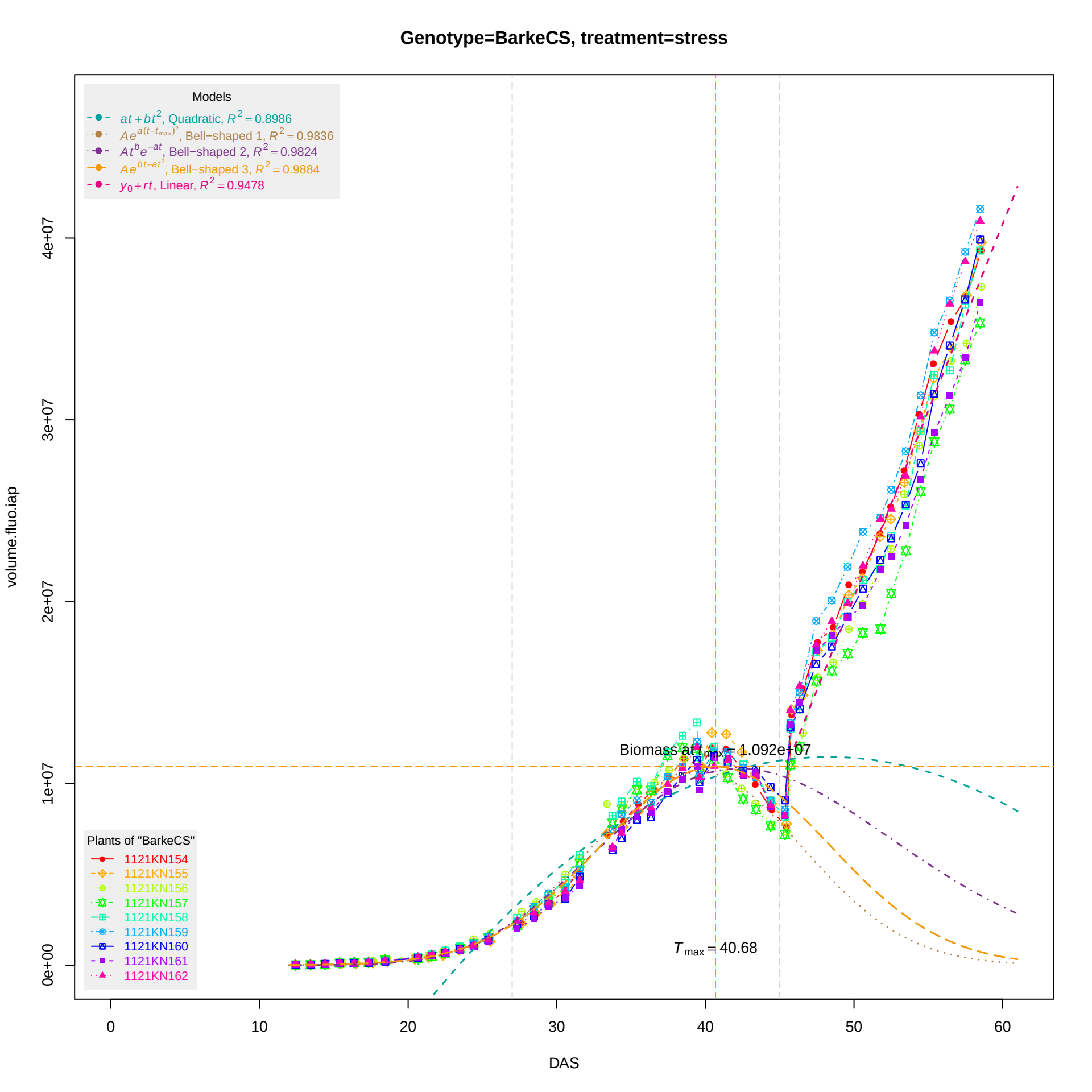

Plant=1121KN014, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8577$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9862$
At^be^{-at}, Bell−shaped 2, $R^2=0.9800$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9910$
y_0+rt, Linear, $R^2=0.9761$
Biomass at t_{max} = 8.588e+06
T_{max} = 39.17
volume.fluo.iap
DAS

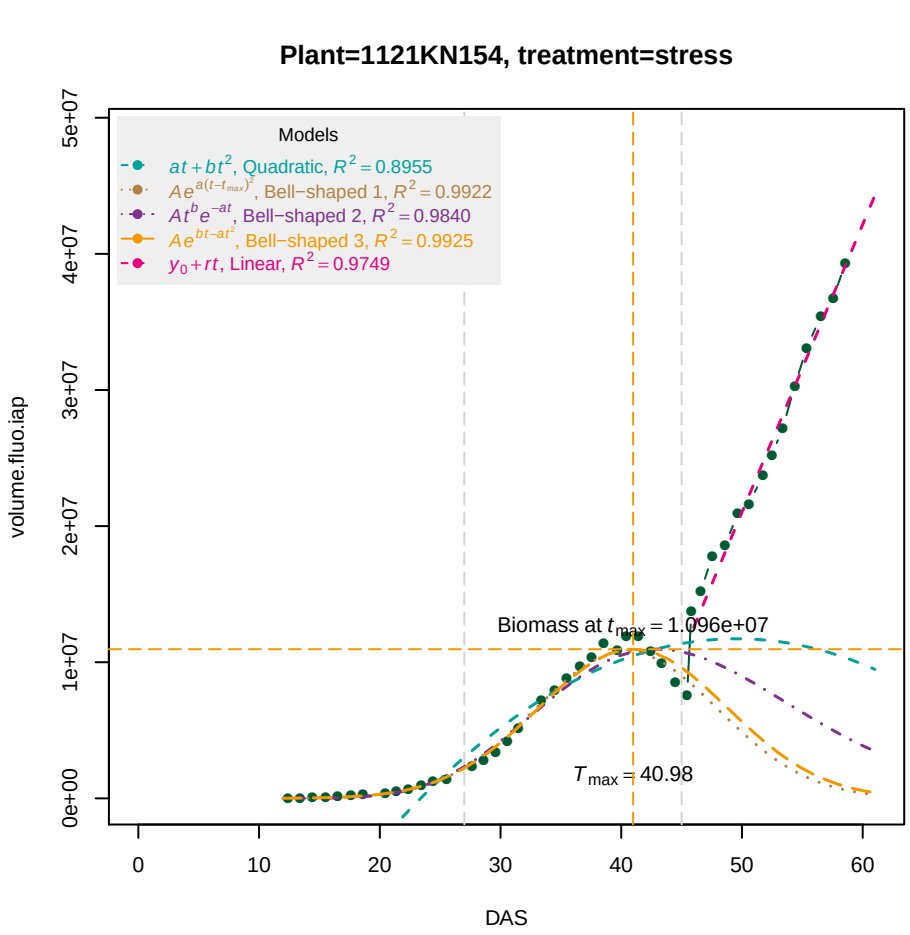

Plant=1121KN015, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8642$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9687$
At^be^{-at}, Bell−shaped 2, $R^2=0.9805$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9925$
y_0+rt, Linear, $R^2=0.9561$
Biomass at t_{max} = 1.036e+07
T_{max} = 38.17
volume.fluo.iap
DAS

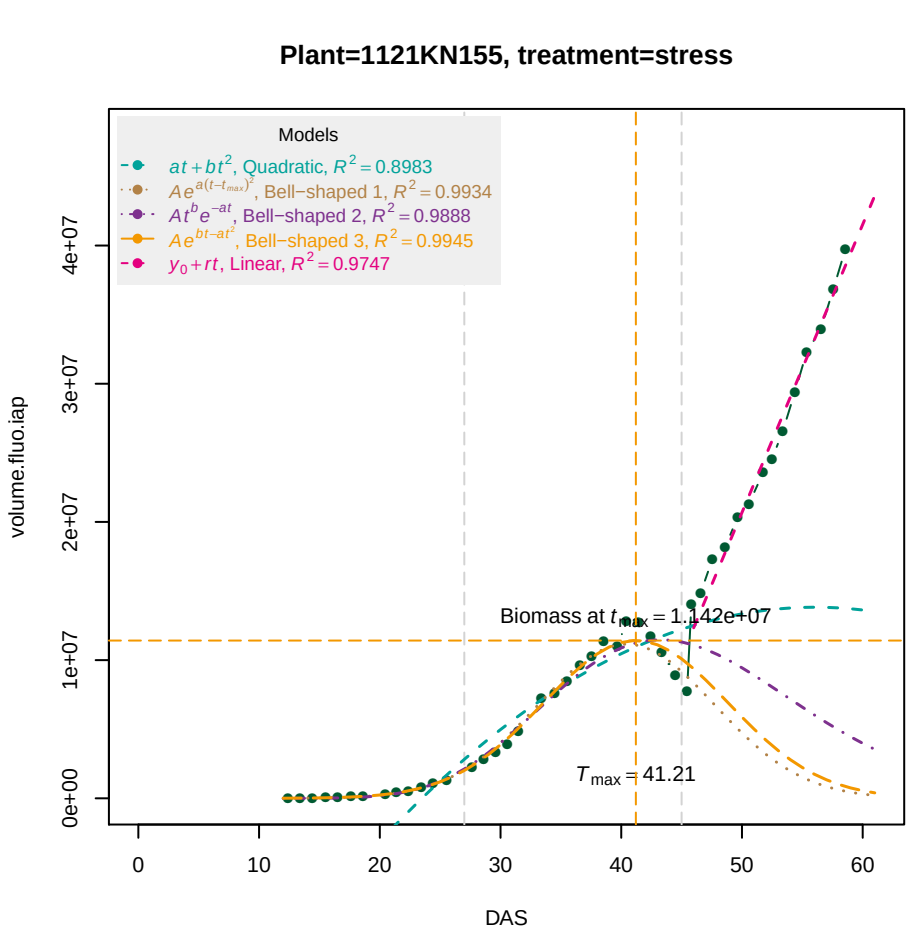

Plant=1121KN016, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8602$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9897$
At^be^{-at}, Bell−shaped 2, $R^2=0.9746$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9898$
y_0+rt, Linear, $R^2=0.9886$
Biomass at t_{max} = 1.005e+07
T_{max} = 37.74
volume.fluo.iap
DAS

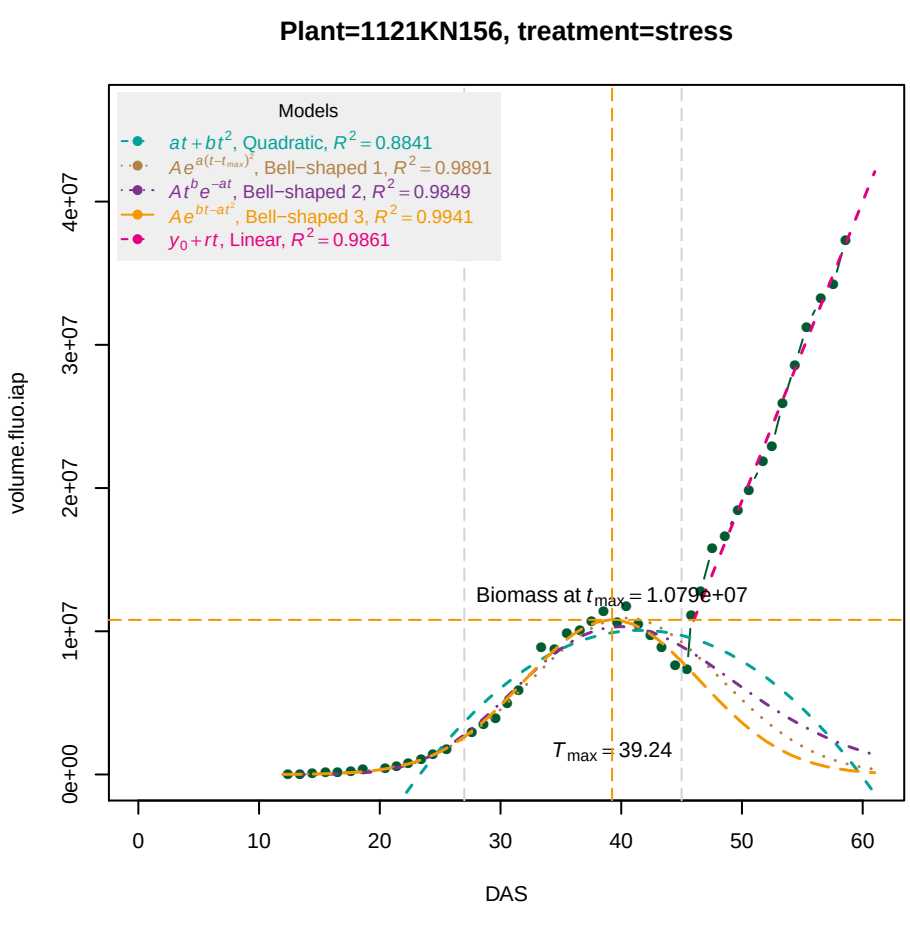

Plant=1121KN017, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8574$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9920$
At^be^{-at}, Bell−shaped 2, $R^2=0.9787$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9916$
y_0+rt, Linear, $R^2=0.9862$
Biomass at t_{max} = 9.125e+06
T_{max} = 37.57
volume.fluo.iap
DAS

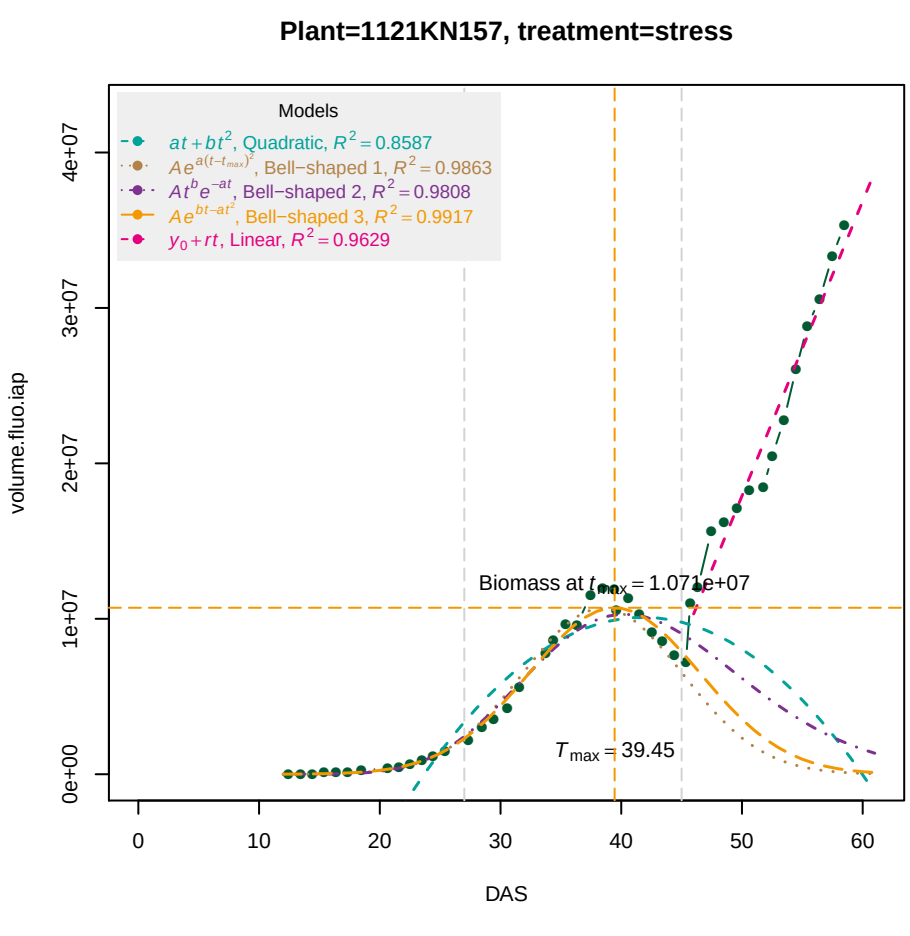

Plant=1121KN018, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8830$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9933$
At^be^{-at}, Bell−shaped 2, $R^2=0.9866$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9944$
y_0+rt, Linear, $R^2=0.9811$
Biomass at t_{max} = 1.039e+07
T_{max} = 39.71
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

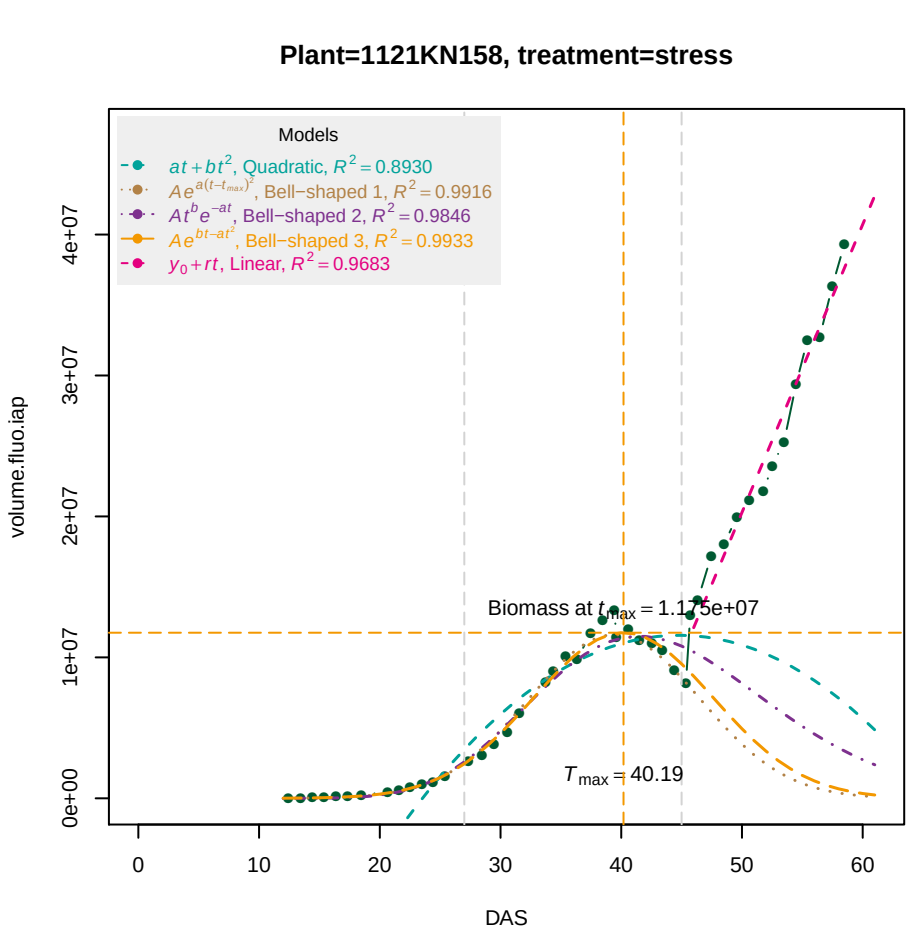

Genotype=BarkeCS, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8986$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9836$
At^be^{-at}, Bell−shaped 2, $R^2=0.9824$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9884$
y_0+rt, Linear, $R^2=0.9478$
Biomass at t_{max} = 1.092e+07
T_{max} = 40.68
Plants of "BarkeCS"
1121KN154
1121KN155
1121KN156
1121KN157
1121KN158
1121KN159
1121KN160
1121KN161
1121KN162
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

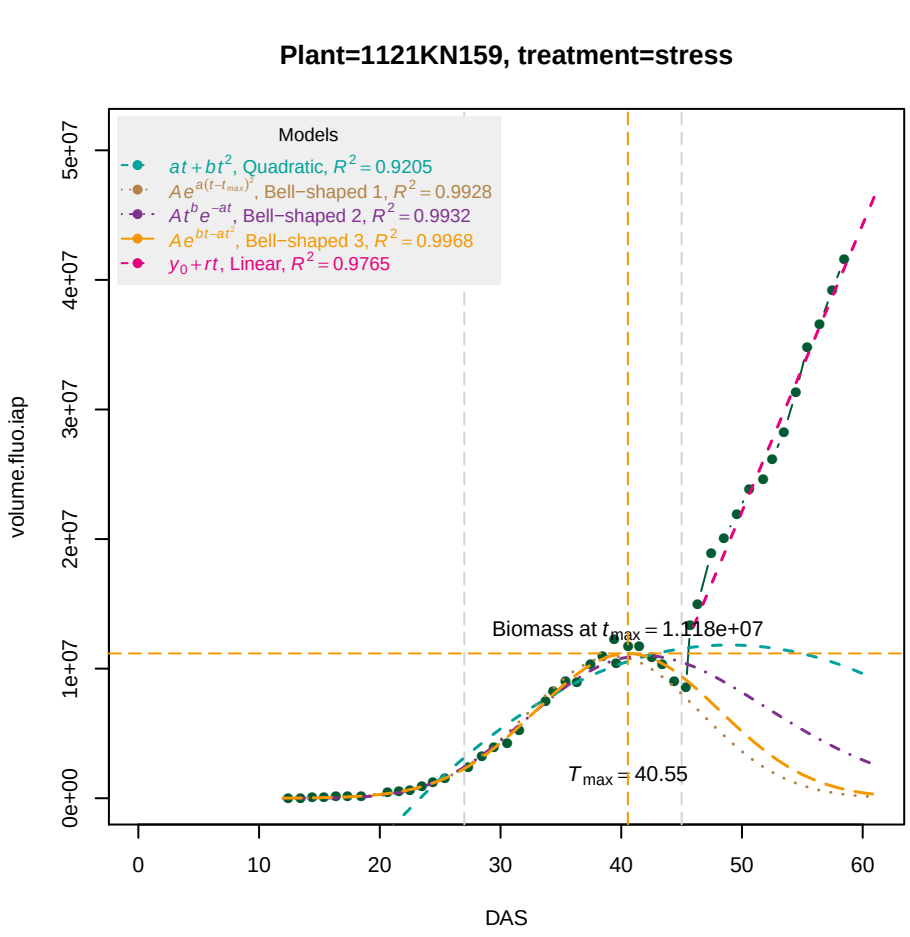

Plant=1121KN154, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8955$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9922$
At^be^{-at}, Bell−shaped 2, $R^2=0.9840$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9925$
y_0+rt, Linear, $R^2=0.9749$
Biomass at t_{max} = 1.096e+07
T_{max} = 40.98
volume.fluo.iap
DAS

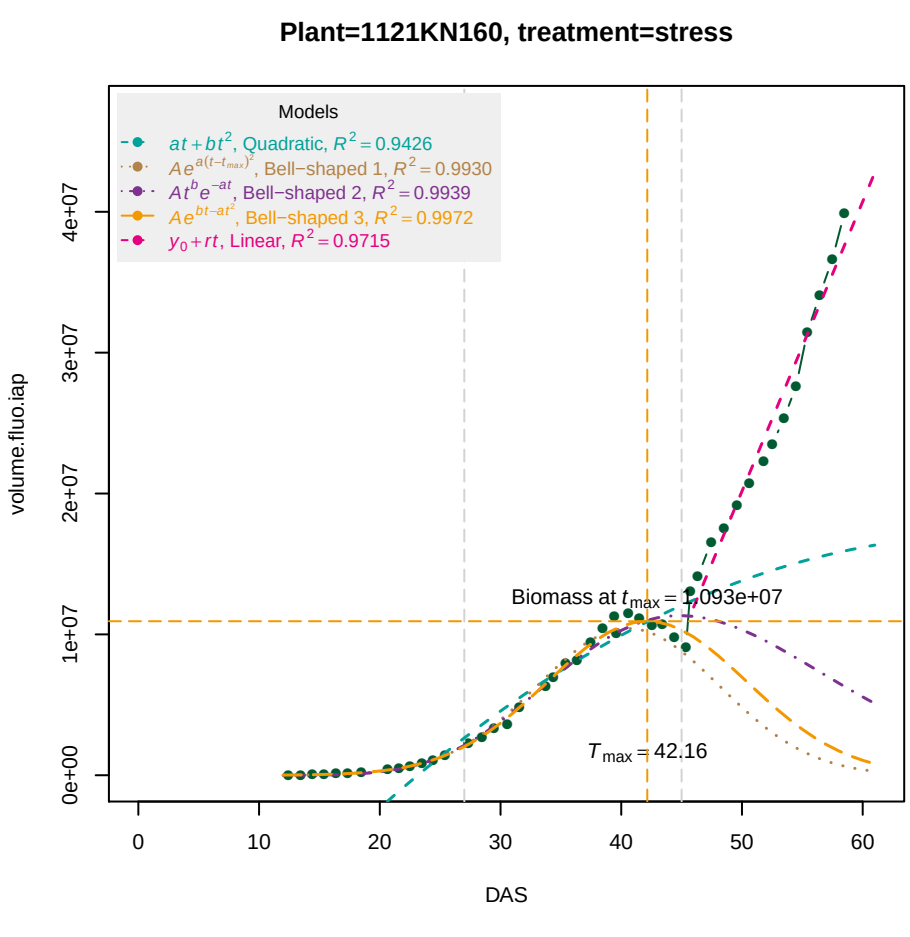

Plant=1121KN155, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8983$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9934$
At^be^{-at}, Bell−shaped 2, $R^2=0.9888$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9945$
y_0+rt, Linear, $R^2=0.9747$
Biomass at t_{max} = 1.142e+07
T_{max} = 41.21
volume.fluo.iap
DAS

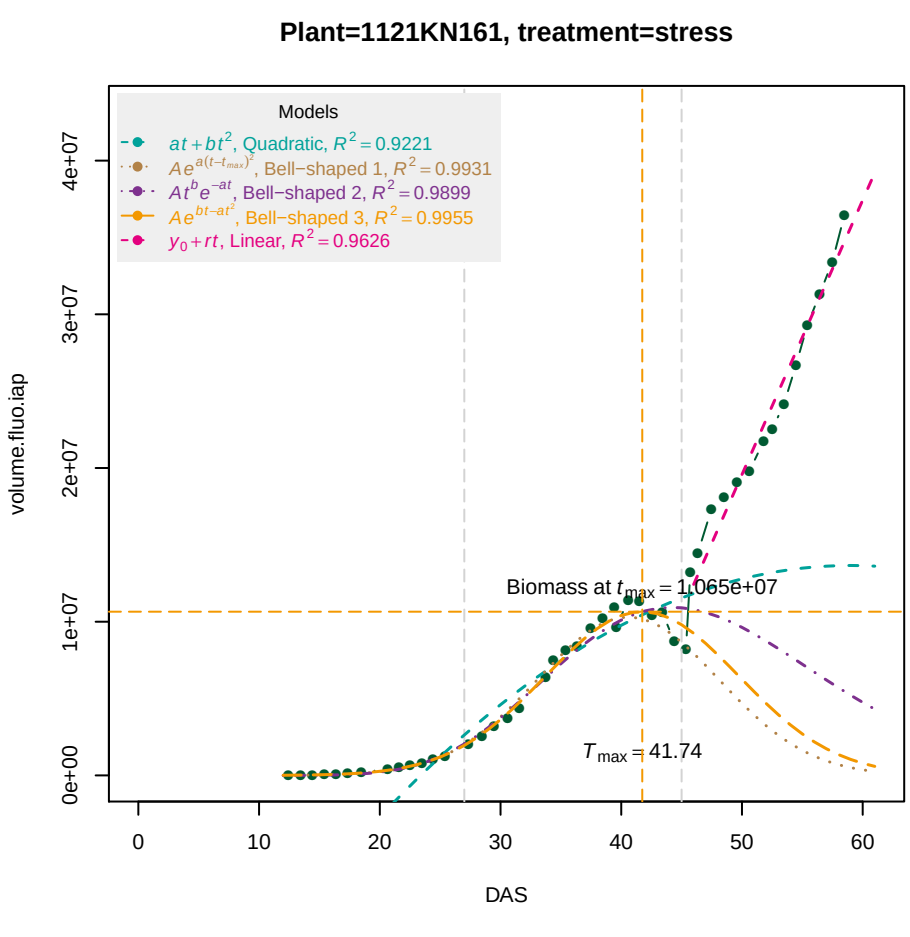

Plant=1121KN156, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8841$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9891$
At^be^{-at}, Bell−shaped 2, $R^2=0.9849$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9941$
y_0+rt, Linear, $R^2=0.9861$
Biomass at t_{max} = 1.079e+07
T_{max} = 39.24
volume.fluo.iap
DAS

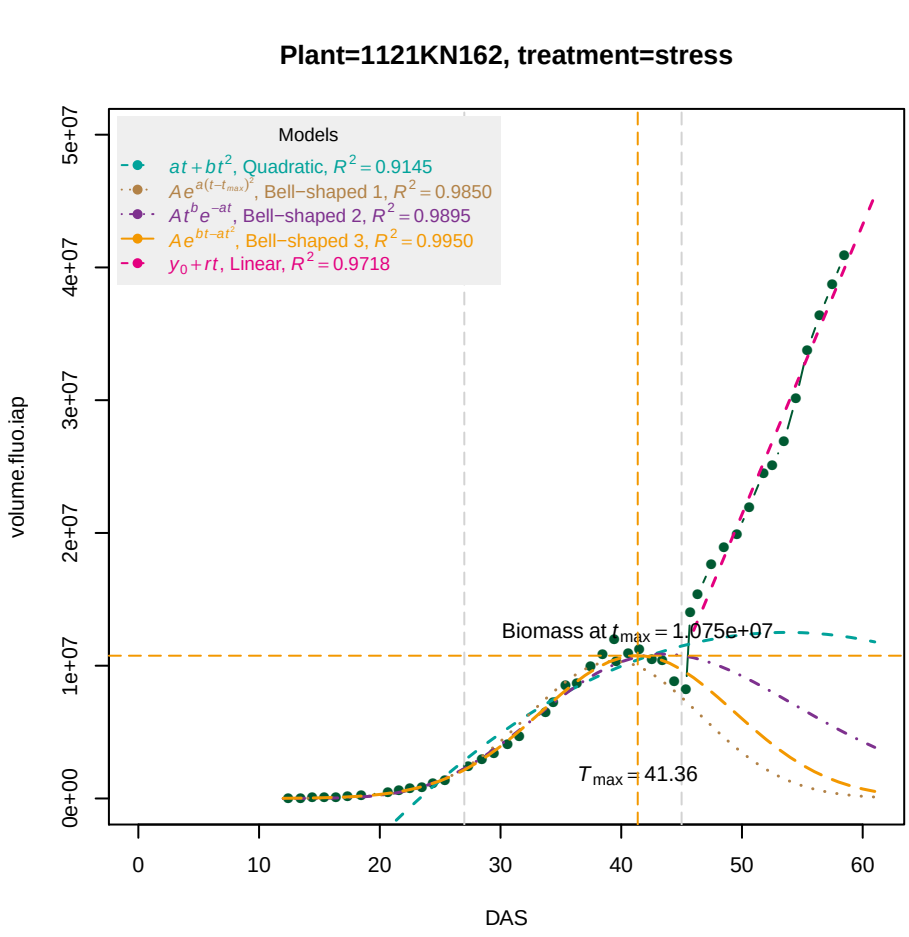

Plant=1121KN157, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8587$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9863$
At^be^{-at}, Bell−shaped 2, $R^2=0.9808$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9917$
y_0+rt, Linear, $R^2=0.9629$
Biomass at t_{max} = 1.071e+07
T_{max} = 39.45
volume.fluo.iap
DAS

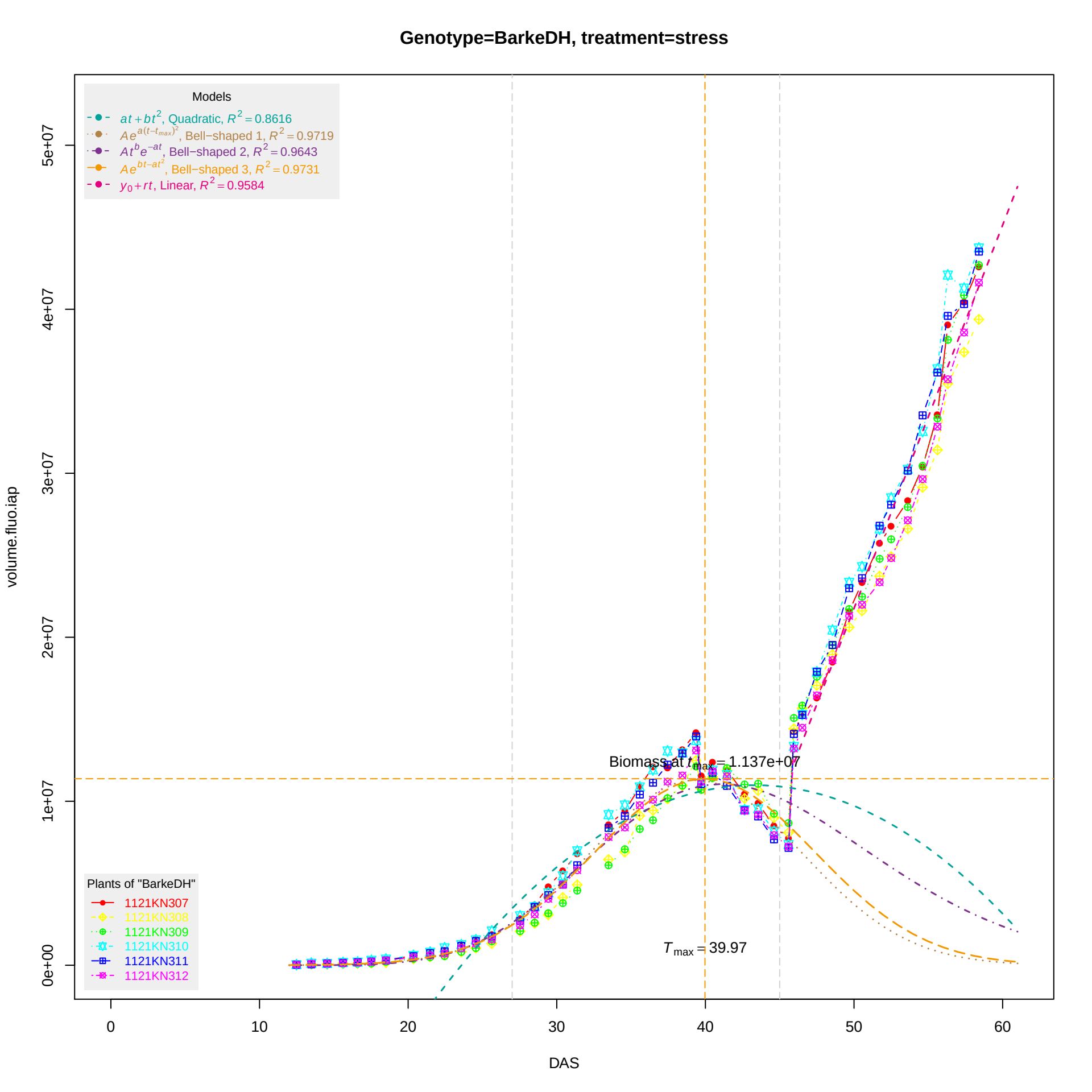

Plant=1121KN158, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8930$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9916$
At^be^{-at}, Bell−shaped 2, $R^2=0.9846$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9933$
y_0+rt, Linear, $R^2=0.9683$
Biomass at t_{max} = 1.175e+07
T_{max} = 40.19
volume.fluo.iap
DAS

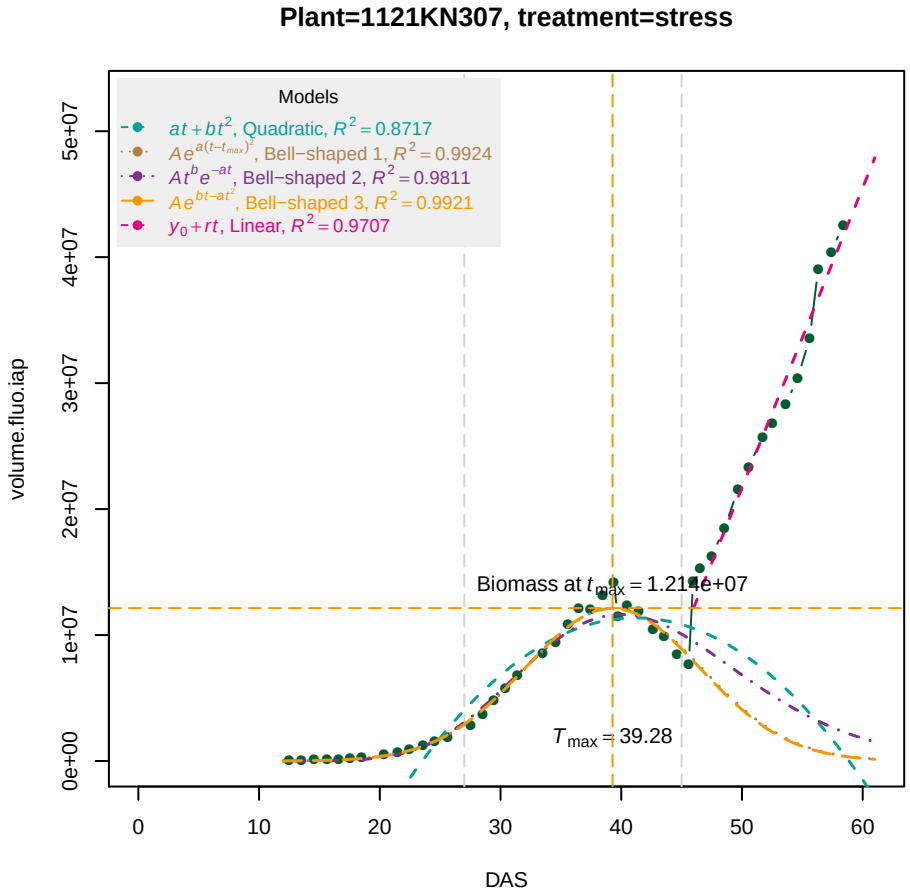

Plant=1121KN159, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9205$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9928$
At^be^{-at}, Bell−shaped 2, $R^2=0.9932$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9968$
y_0+rt, Linear, $R^2=0.9765$
Biomass at t_{max} = 1.118e+07
T_{max} = 40.55
volume.fluo.iap
DAS

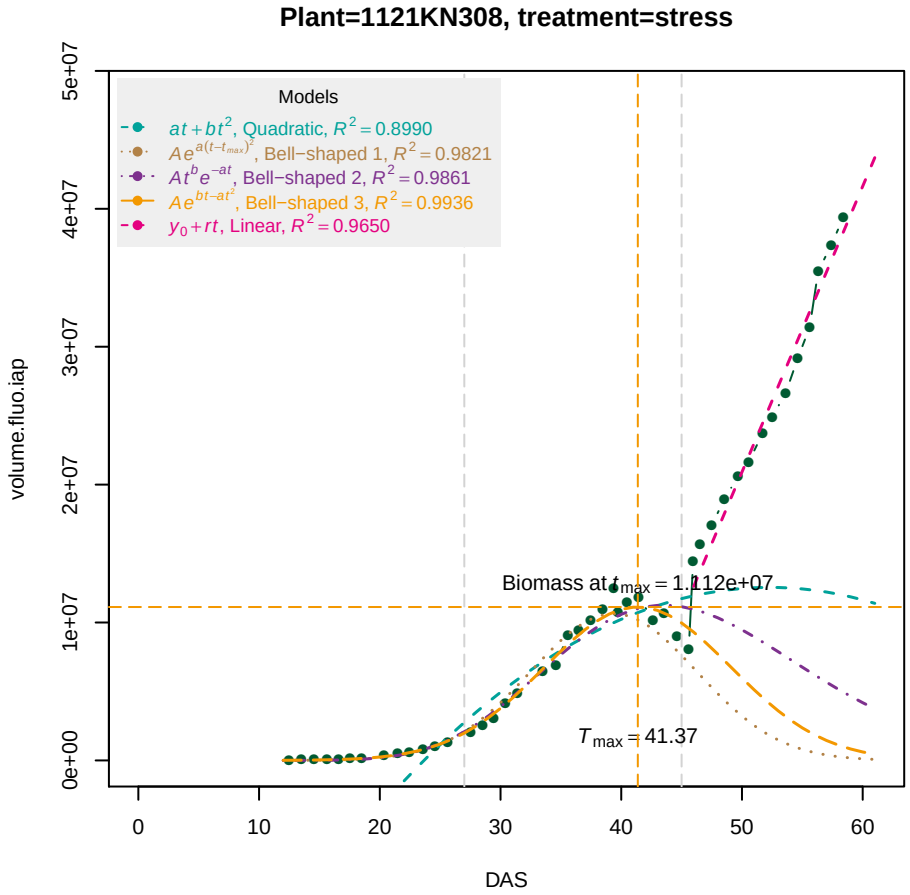

Plant=1121KN160, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9426$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9930$
At^be^{-at}, Bell−shaped 2, $R^2=0.9939$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9972$
y_0+rt, Linear, $R^2=0.9715$
Biomass at t_{max} = 1.093e+07
T_{max} = 42.16
volume.fluo.iap
DAS

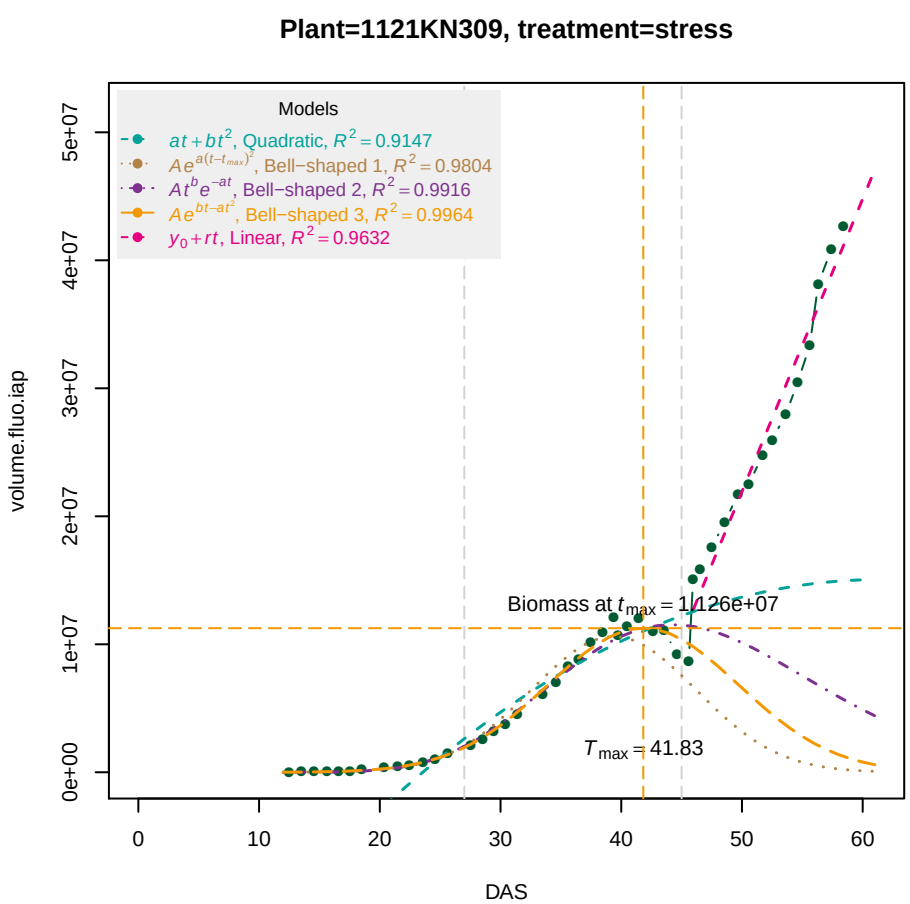

Plant=1121KN161, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9221$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9931$
At^be^{-at}, Bell−shaped 2, $R^2=0.9899$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9955$
y_0+rt, Linear, $R^2=0.9626$
Biomass at t_{max} = 1.065e+07
T_{max} = 41.74
volume.fluo.iap
DAS

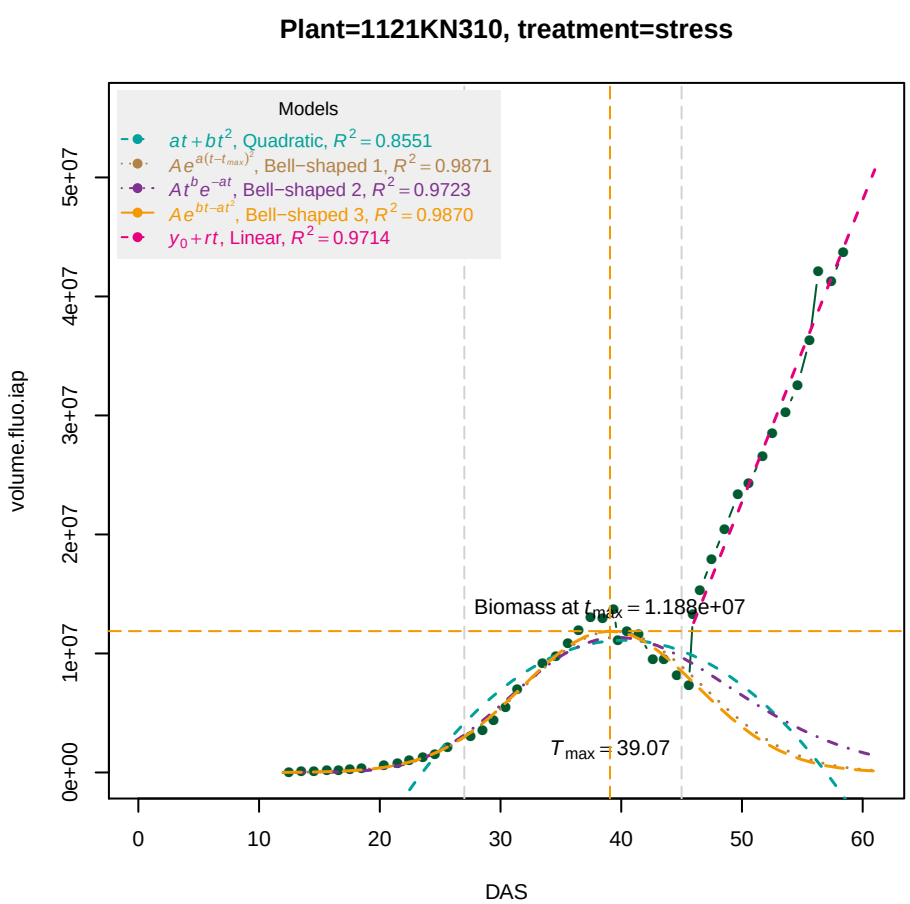

Plant=1121KN162, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9145$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9850$
At^be^{-at}, Bell−shaped 2, $R^2=0.9895$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9950$
y_0+rt, Linear, $R^2=0.9718$
Biomass at t_{max} = 1.075e+07
T_{max} = 41.36
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

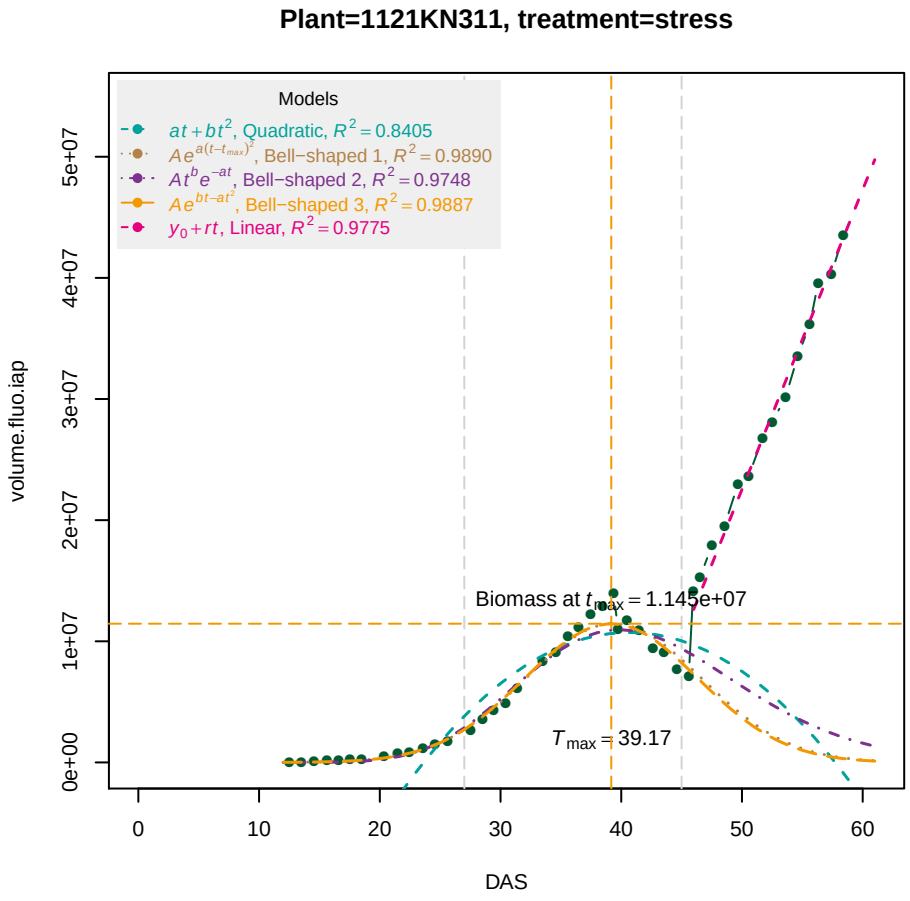

Genotype=BarkeDH, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8616$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9719$
At^be^{-at}, Bell−shaped 2, $R^2=0.9643$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9731$
y_0+rt, Linear, $R^2=0.9584$
Biomass at t_{max} = 1.137e+07
T_{max} = 39.97
Plants of "BarkeDH"
1121KN307
1121KN308
1121KN309
1121KN310
1121KN311
1121KN312
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

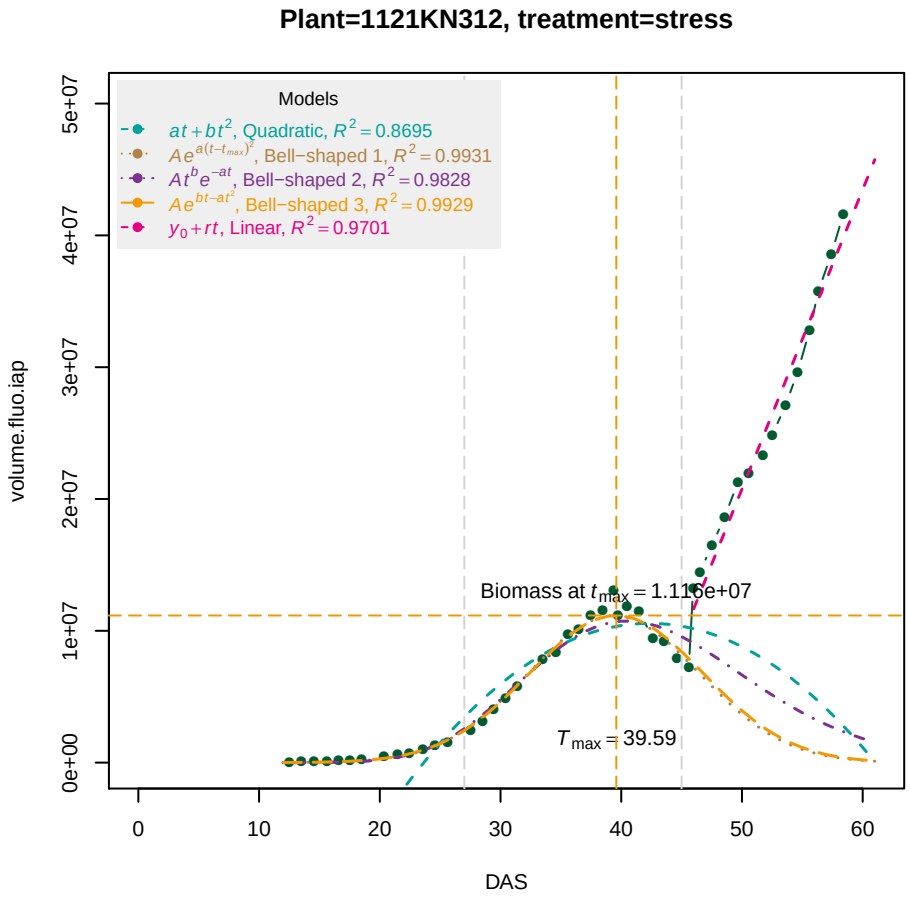

Plant=1121KN307, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8717$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9924$
At^be^{-at}, Bell−shaped 2, $R^2=0.9811$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9921$
y_0+rt, Linear, $R^2=0.9707$
Biomass at t_{max} = 1.214e+07
T_{max} = 39.28
volume.fluo.iap
DAS

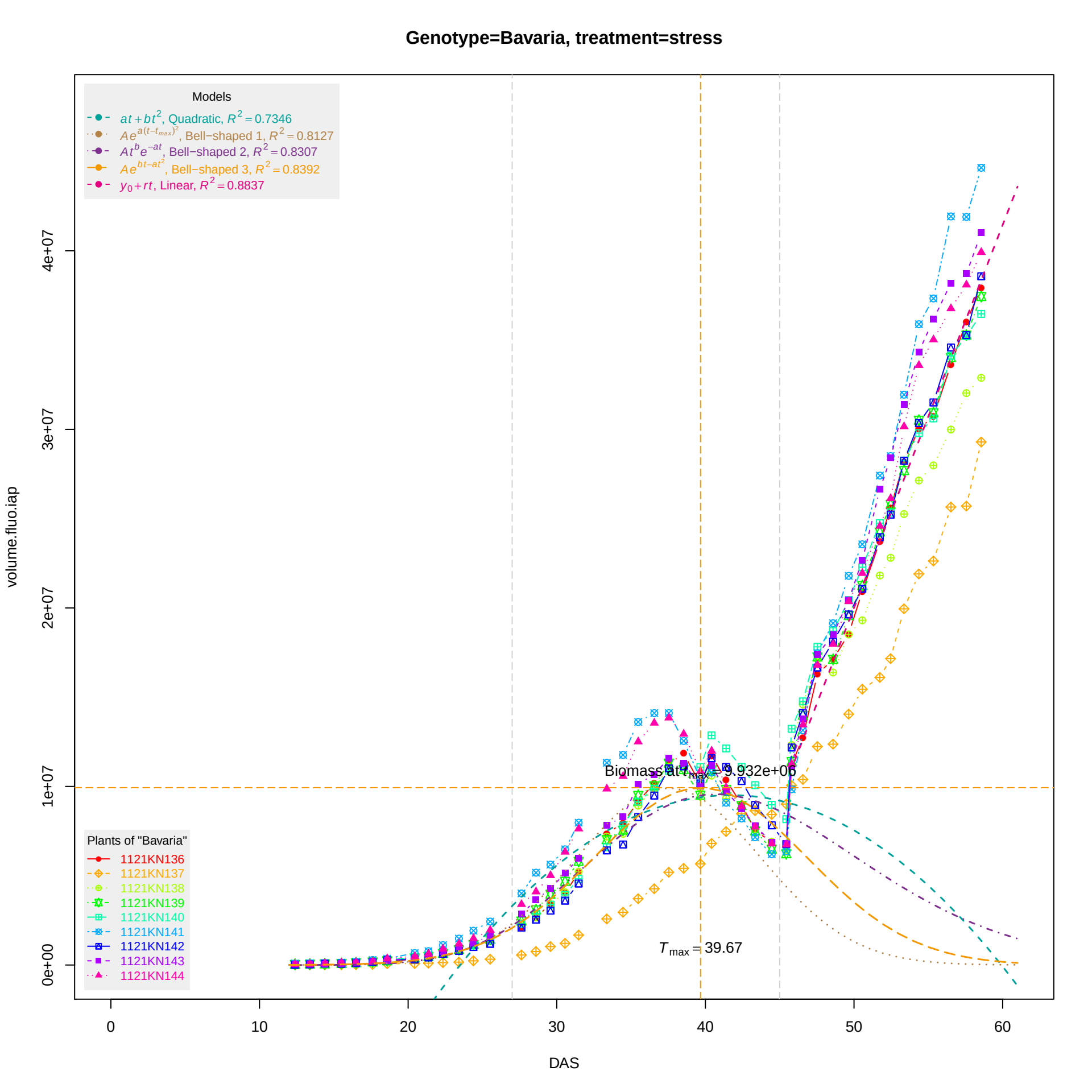

Plant=1121KN308, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8990$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9821$
At^be^{-at}, Bell−shaped 2, $R^2=0.9861$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9936$
y_0+rt, Linear, $R^2=0.9650$
Biomass at t_{max} = 1.112e+07
T_{max} = 41.37
volume.fluo.iap
DAS

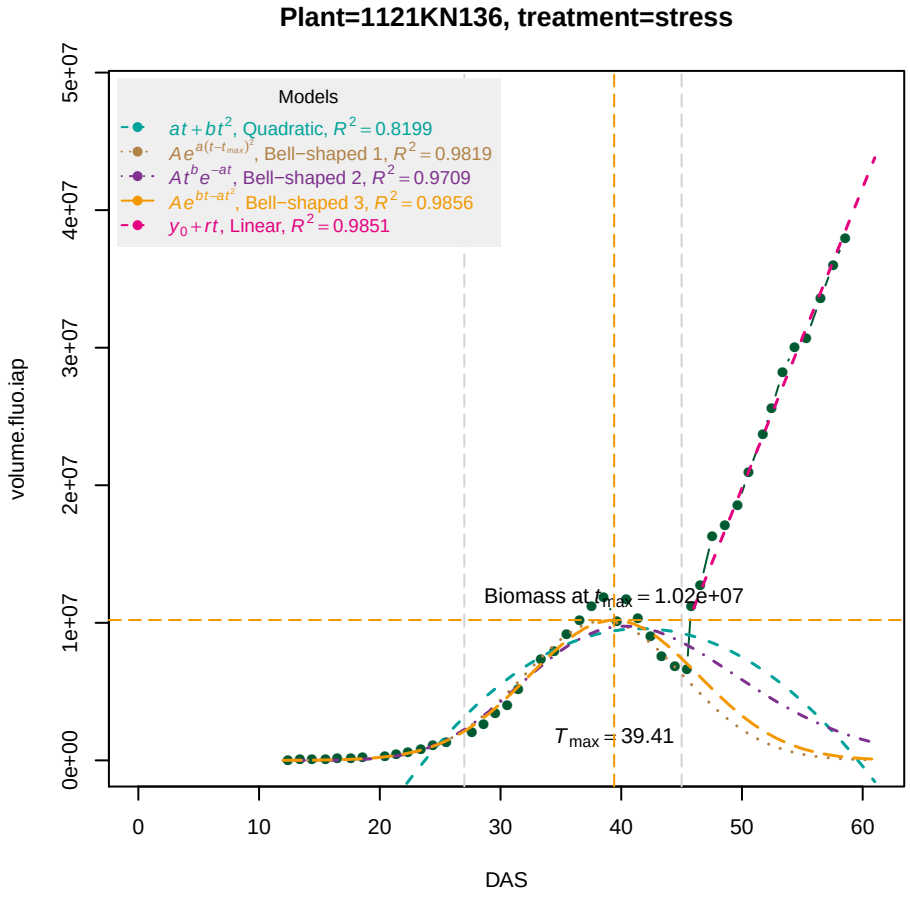

Plant=1121KN309, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9147$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9804$
At^be^{-at}, Bell−shaped 2, $R^2=0.9916$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9964$
y_0+rt, Linear, $R^2=0.9632$
Biomass at t_{max} = 1.126e+07
T_{max} = 41.83
volume.fluo.iap
DAS

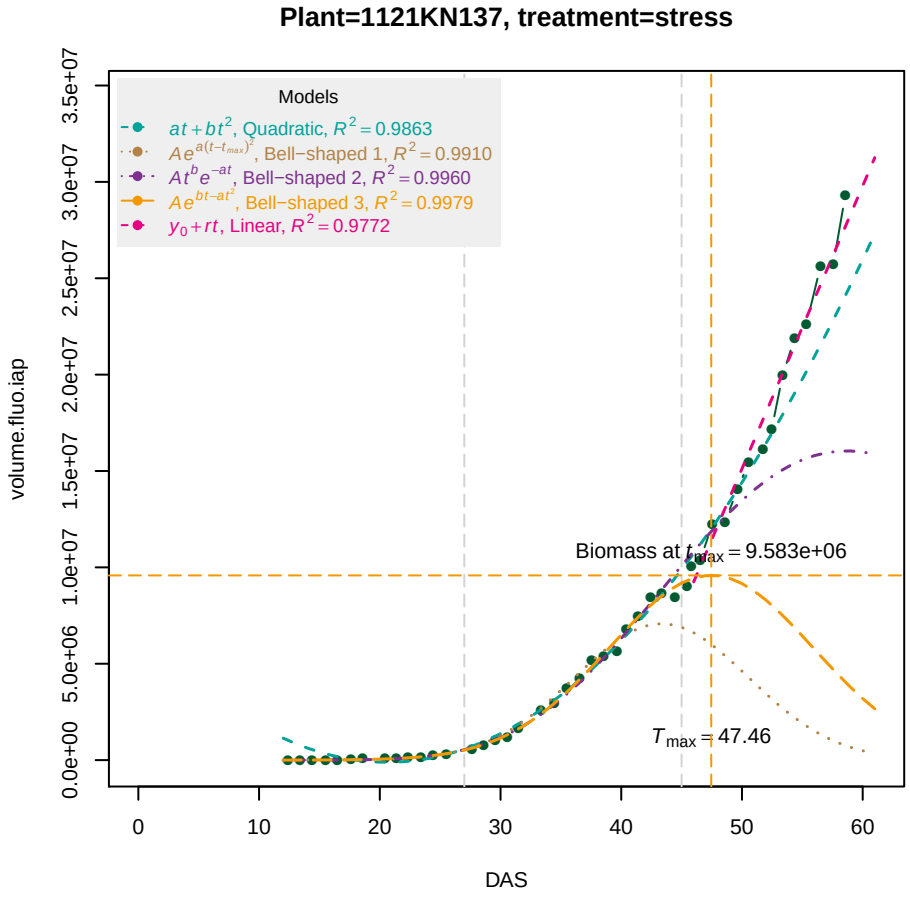

Plant=1121KN310, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8551$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9871$
At^be^{-at}, Bell−shaped 2, $R^2=0.9723$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9870$
y_0+rt, Linear, $R^2=0.9714$
Biomass at t_{max} = 1.188e+07
T_{max} = 39.07
volume.fluo.iap
DAS

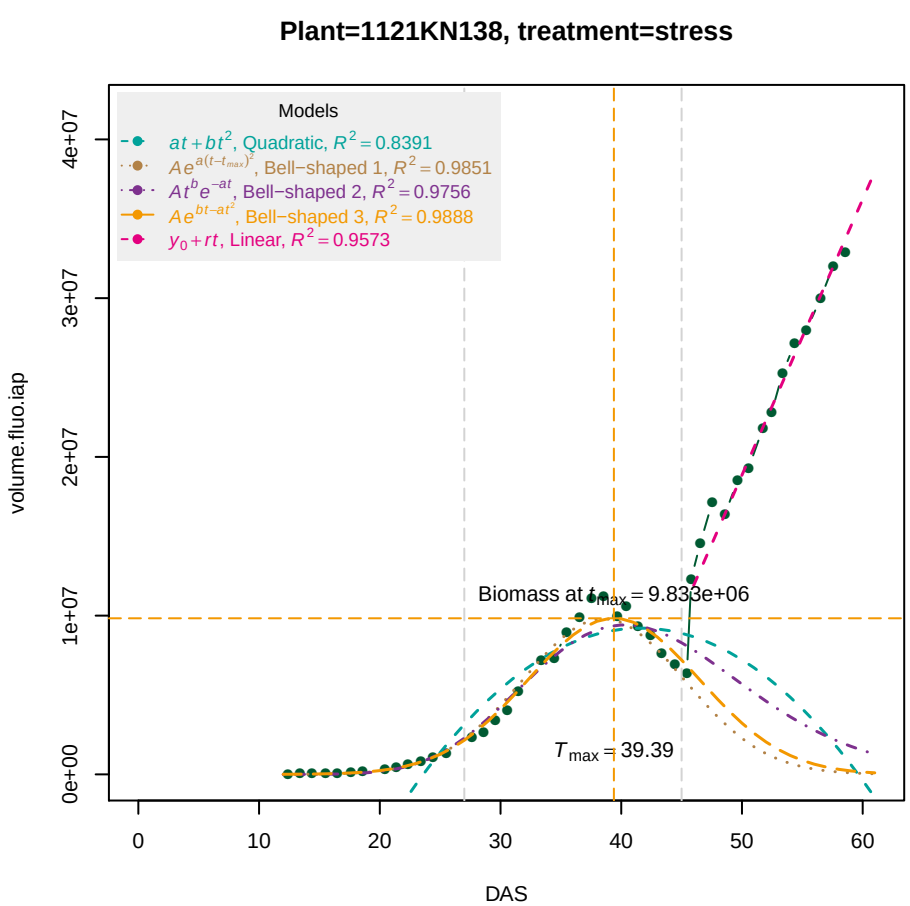

Plant=1121KN311, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8405$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9890$
At^be^{-at}, Bell−shaped 2, $R^2=0.9748$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9887$
y_0+rt, Linear, $R^2=0.9775$
Biomass at t_{max} = 1.145e+07
T_{max} = 39.17
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

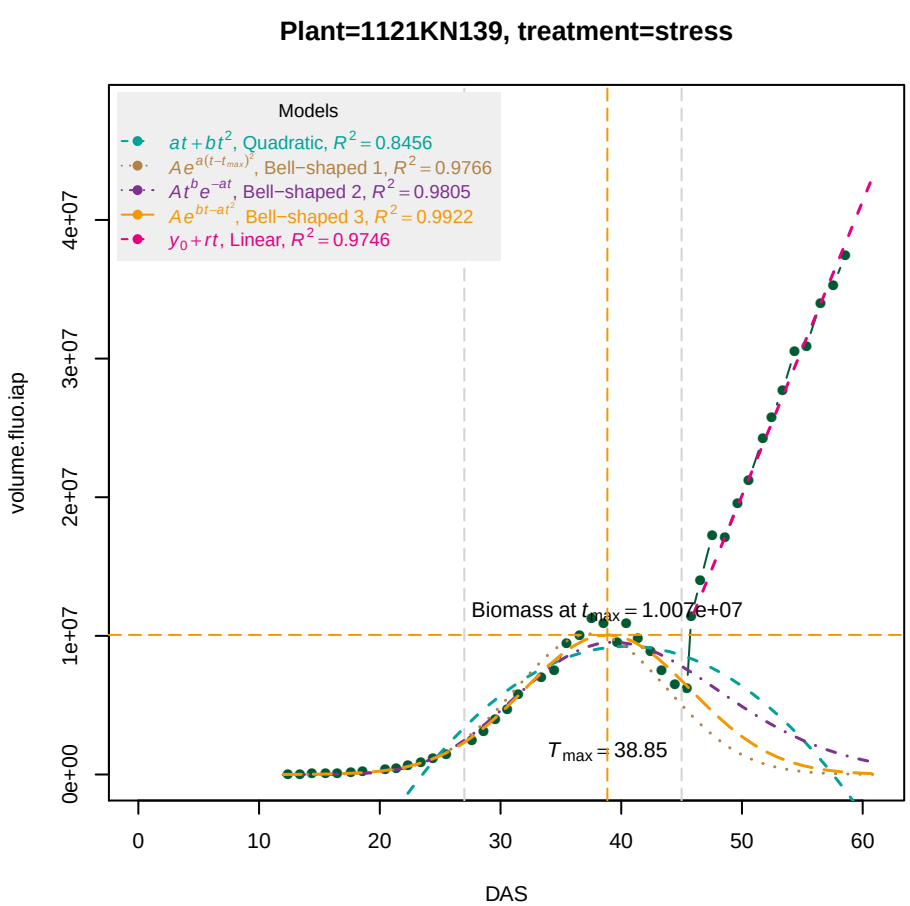

Plant=1121KN312, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8695$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9931$
At^be^{-at}, Bell−shaped 2, $R^2=0.9828$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9929$
y_0+rt, Linear, $R^2=0.9701$
Biomass at t_{max} = 1.116e+07
T_{max} = 39.59
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

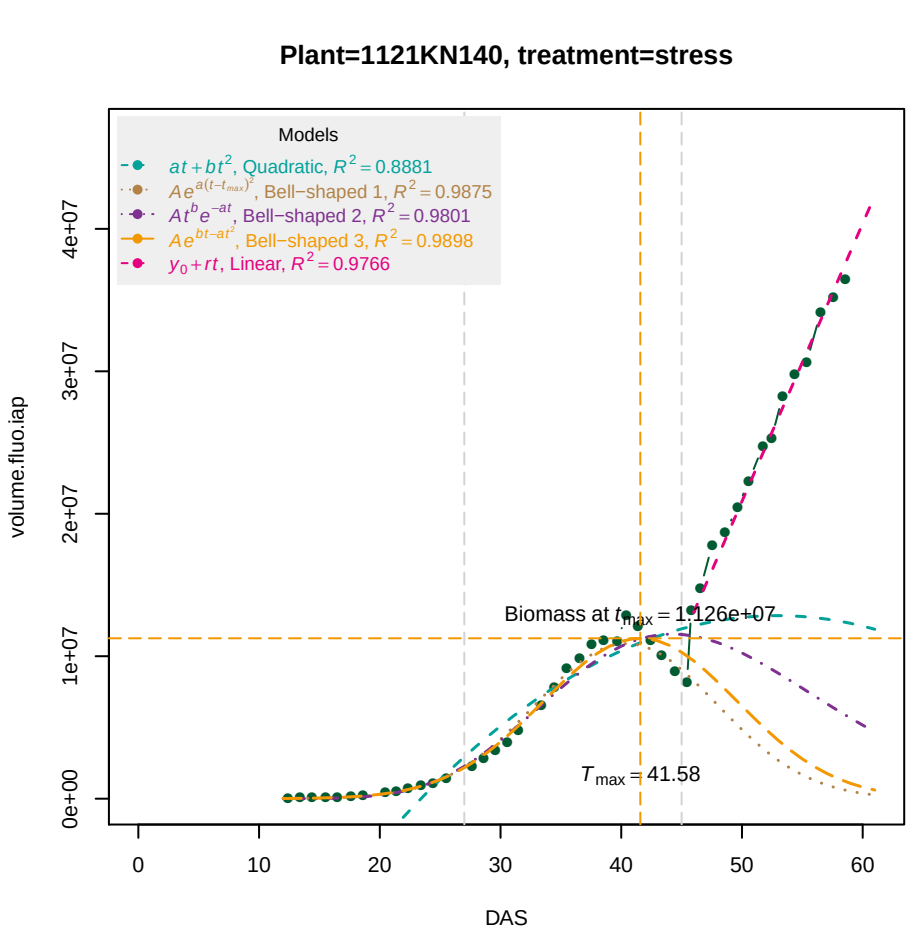

Genotype=Bavaria, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.7346$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8127$
At^be^{-at}, Bell−shaped 2, $R^2=0.8307$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8392$
y_0+rt, Linear, $R^2=0.8837$
Plants of "Bavaria"
1121KN136
1121KN137
1121KN138
1121KN139
1121KN140
1121KN141
1121KN142
1121KN143
1121KN144
Biomass at T_{max} = 9.932e+06
T_{max} = 39.67
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

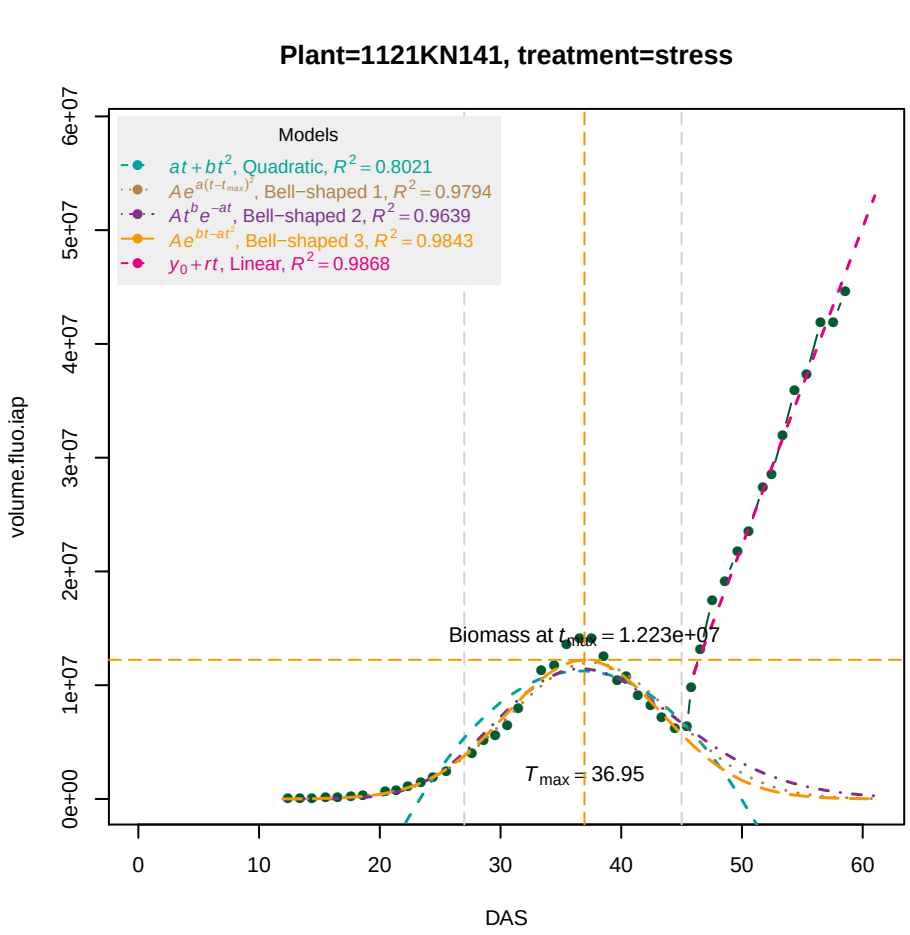

Plant=1121KN136, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8199$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9819$
At^be^{-at}, Bell−shaped 2, $R^2=0.9709$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9856$
y_0+rt, Linear, $R^2=0.9851$
Biomass at t_{max} = 1.02e+07
T_{max} = 39.41
volume.fluo.iap
DAS

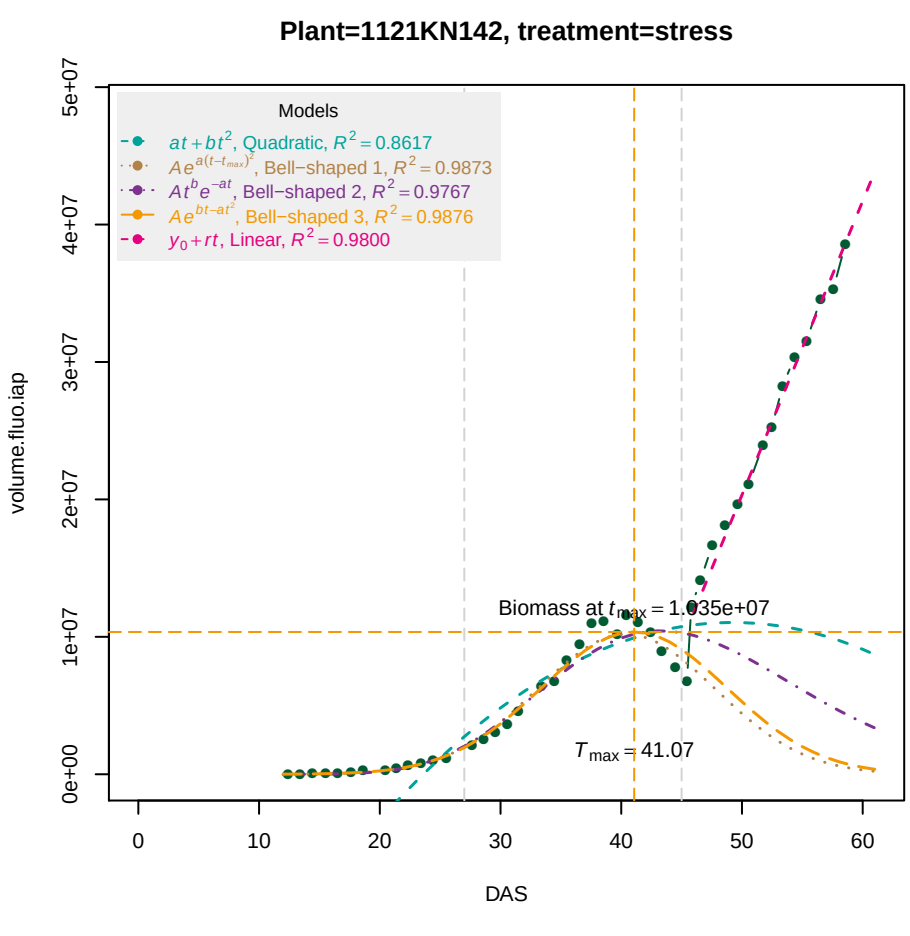

Plant=1121KN137, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9863$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9910$
At^be^{-at}, Bell−shaped 2, $R^2=0.9960$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9979$
y_0+rt, Linear, $R^2=0.9772$
Biomass at t_{max} = 9.583e+06
T_{max} = 47.46
volume.fluo.iap
DAS

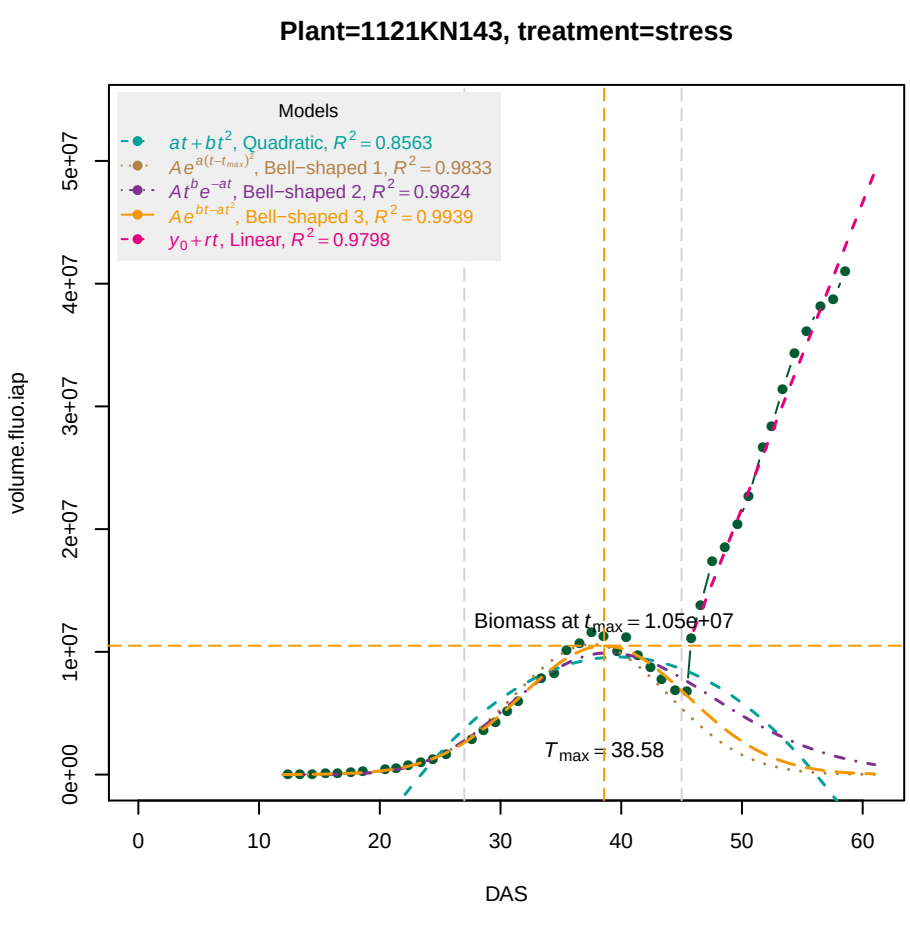

Plant=1121KN138, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8391$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9851$
At^be^{-at}, Bell−shaped 2, $R^2=0.9756$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9888$
y_0+rt, Linear, $R^2=0.9573$
Biomass at t_{max} = 9.833e+06
T_{max} = 39.39
volume.fluo.iap
DAS

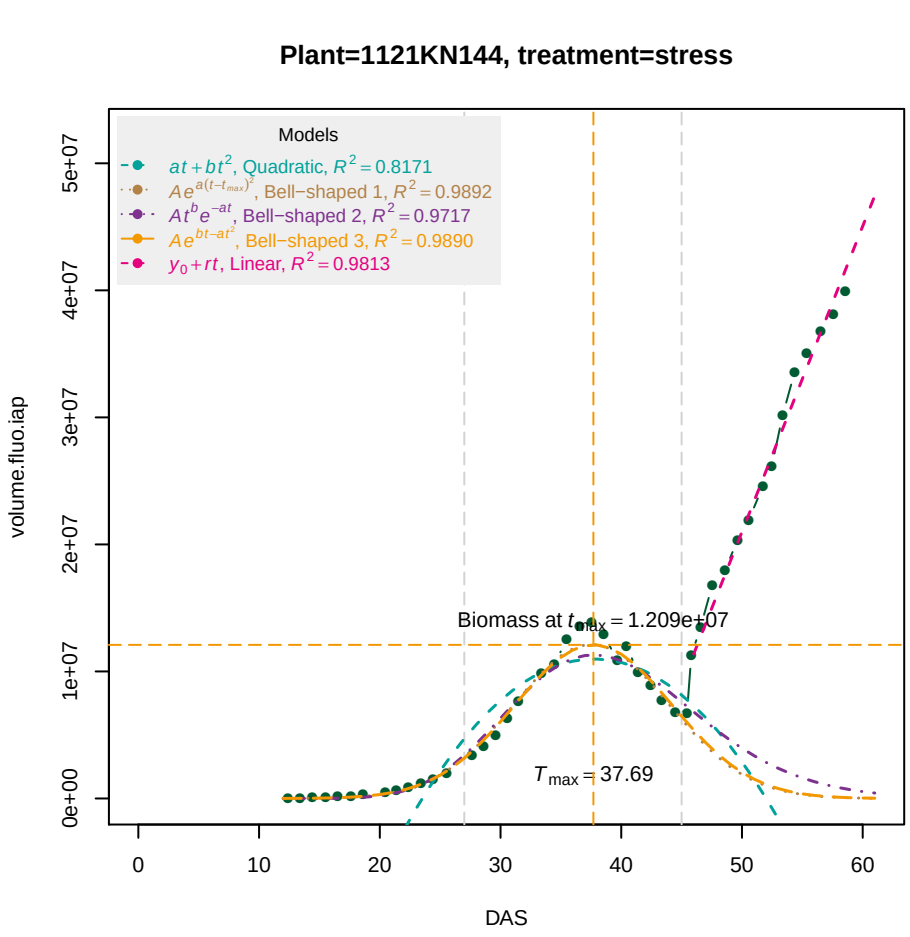

Plant=1121KN139, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8456$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9766$
At^be^{-at}, Bell−shaped 2, $R^2=0.9805$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9922$
y_0+rt, Linear, $R^2=0.9746$
Biomass at t_{max} = 1.007e+07
T_{max} = 38.85
volume.fluo.iap
DAS

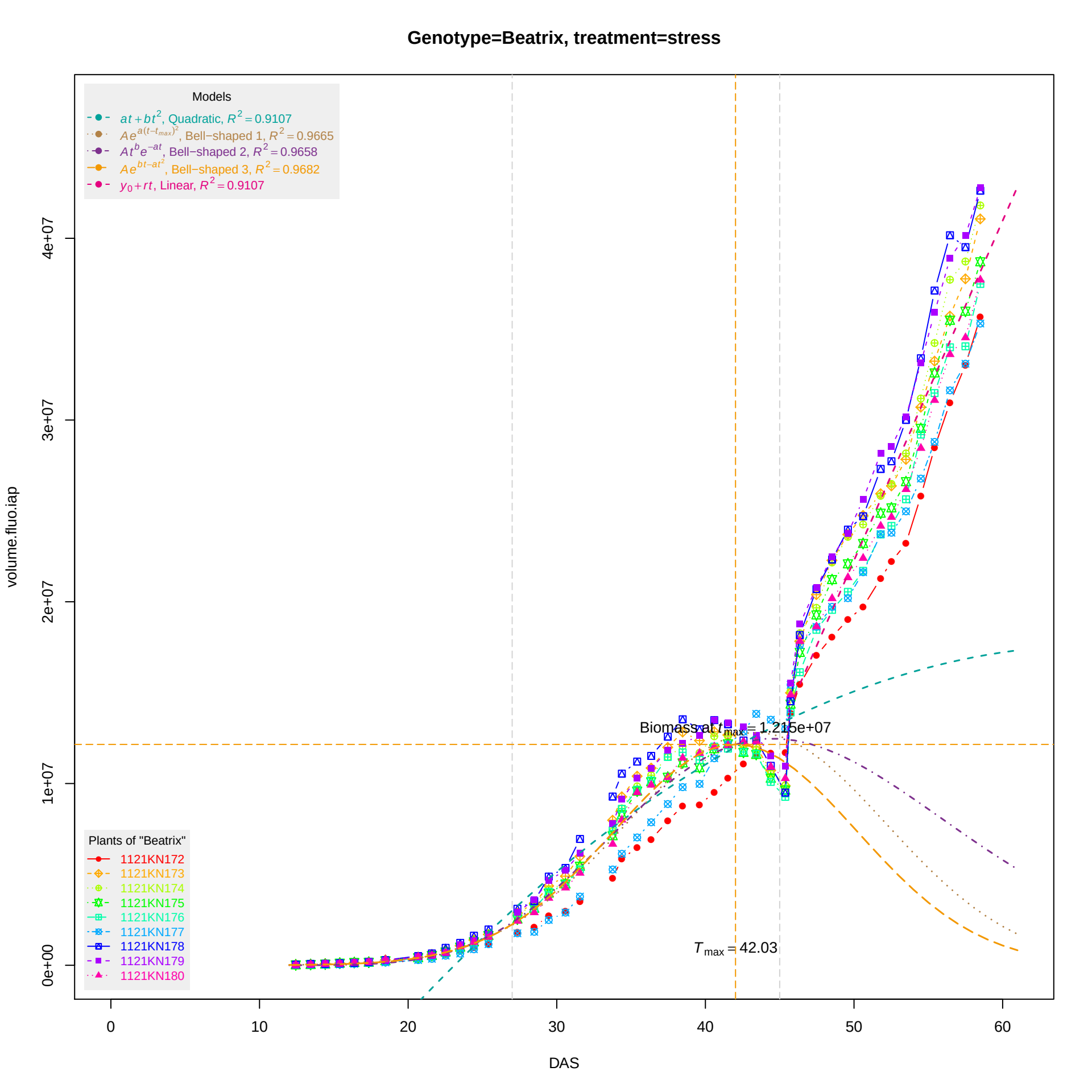

Plant=1121KN140, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8881$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9875$
At^be^{-at}, Bell−shaped 2, $R^2=0.9801$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9898$
y_0+rt, Linear, $R^2=0.9766$
Biomass at t_{max} = 1.126e+07
T_{max} = 41.58
volume.fluo.iap
DAS

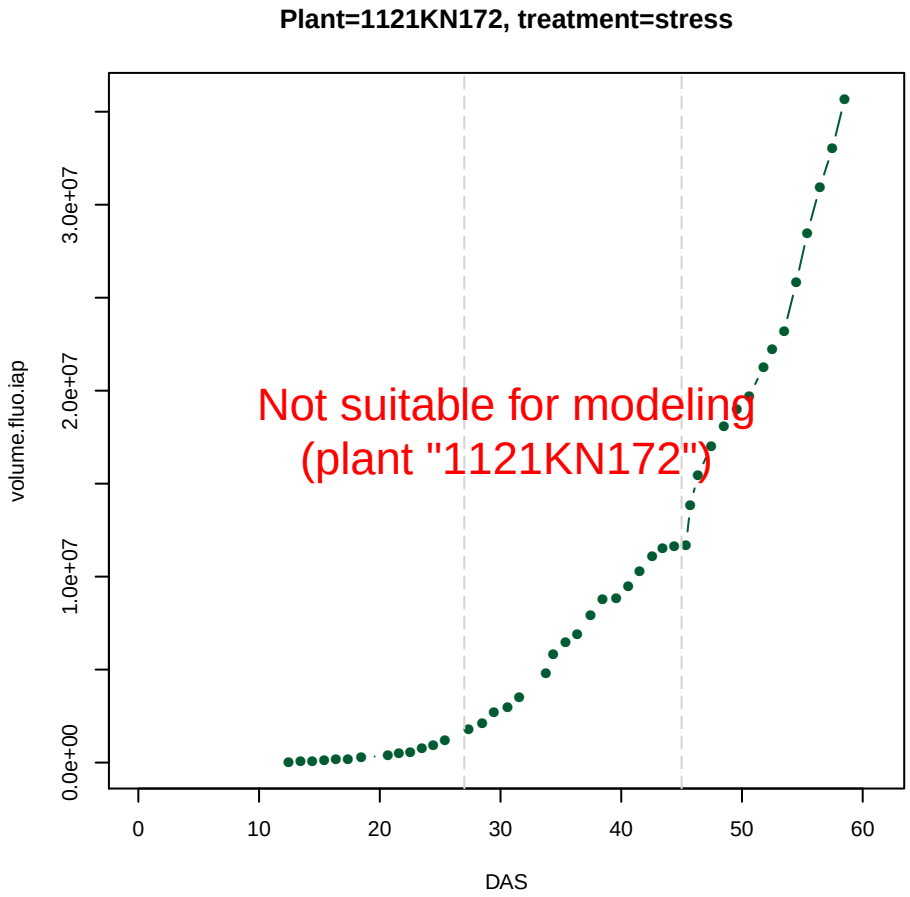

Plant=1121KN141, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8021$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9794$
At^be^{-at}, Bell−shaped 2, $R^2=0.9639$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9843$
y_0+rt, Linear, $R^2=0.9868$
Biomass at t_{max} = 1.223e+07
T_{max} = 36.95
volume.fluo.iap
DAS

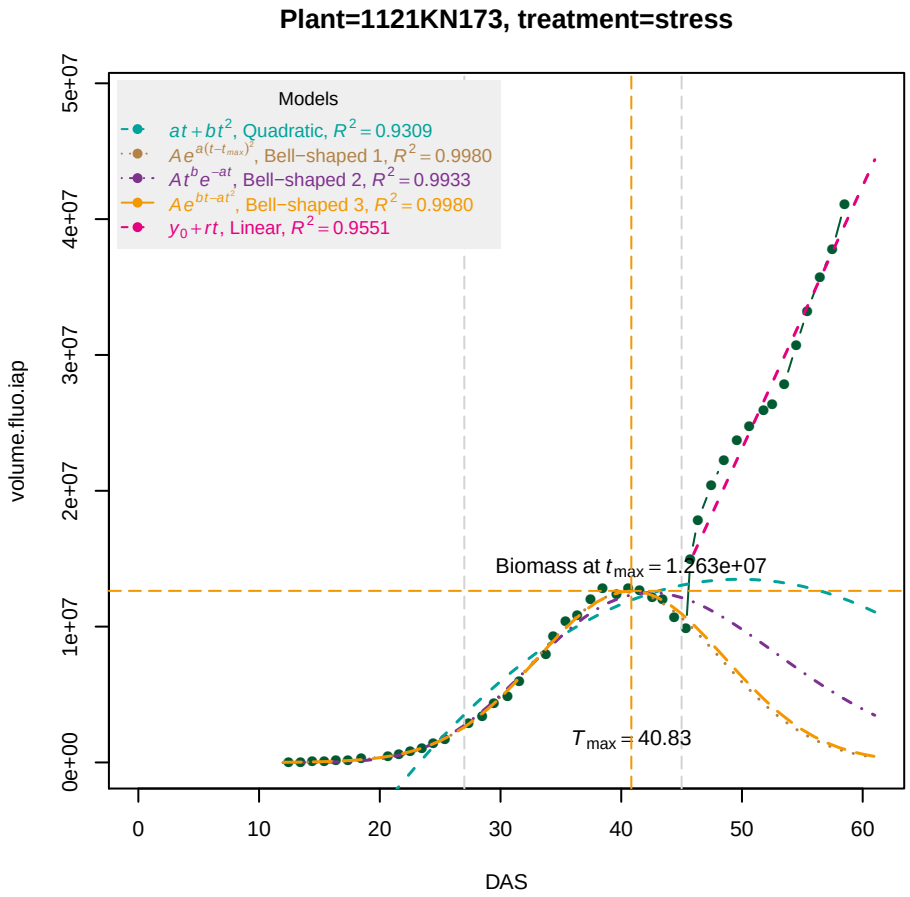

Plant=1121KN142, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8617$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9873$
At^be^{-at}, Bell−shaped 2, $R^2=0.9767$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9876$
y_0+rt, Linear, $R^2=0.9800$
Biomass at t_{max} = 1.035e+07
T_{max} = 41.07
volume.fluo.iap
DAS

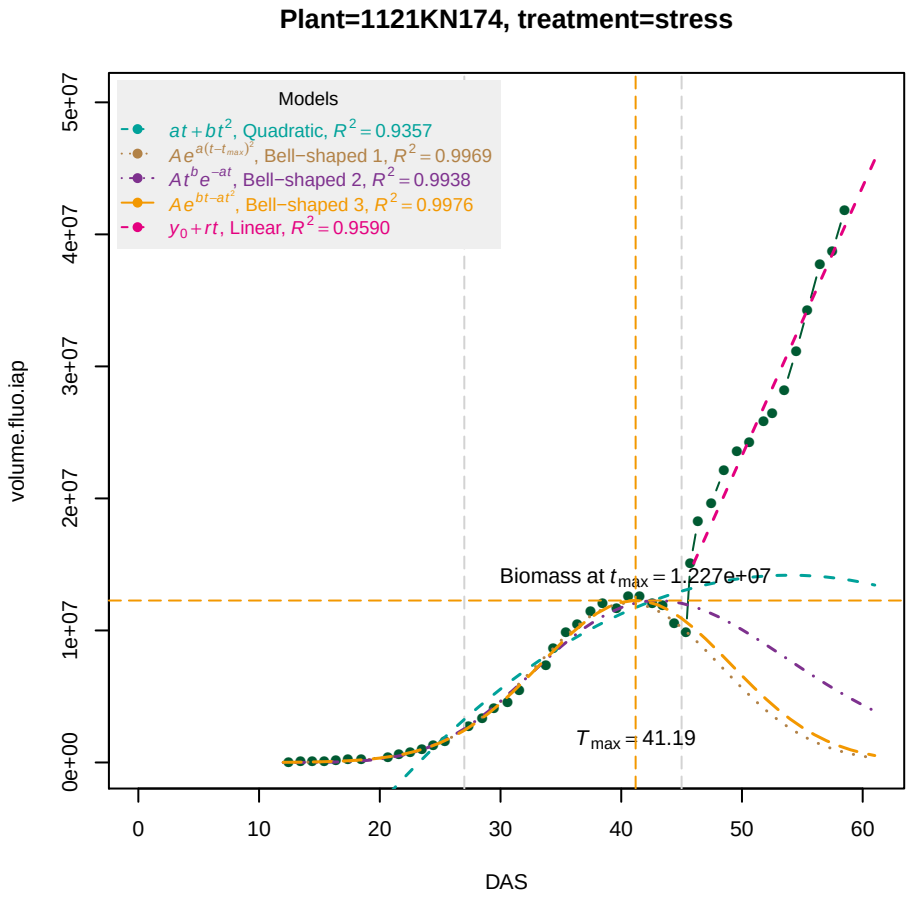

Plant=1121KN143, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8563$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9833$
At^be^{-at}, Bell−shaped 2, $R^2=0.9824$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9939$
y_0+rt, Linear, $R^2=0.9798$
Biomass at t_{max} = 1.05e+07
T_{max} = 38.58
volume.fluo.iap
DAS

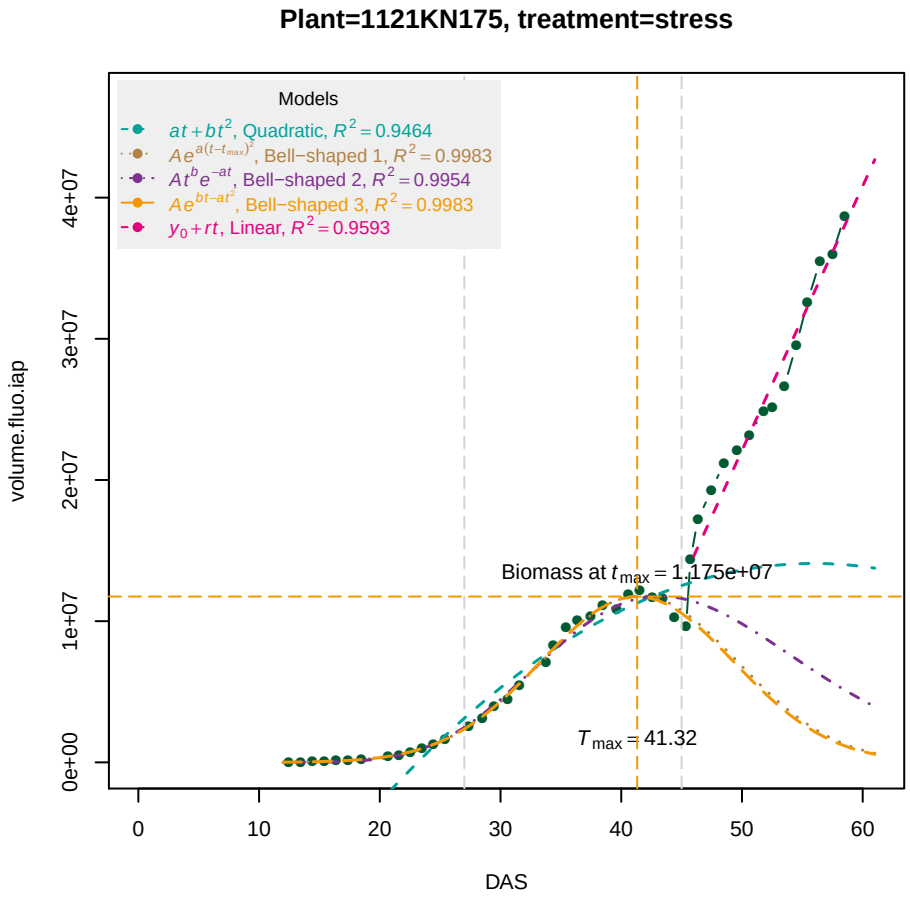

Plant=1121KN144, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8171$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9892$
At^be^{-at}, Bell−shaped 2, $R^2=0.9717$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9890$
y_0+rt, Linear, $R^2=0.9813$
Biomass at t_{max} = 1.209e+07
T_{max} = 37.69
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

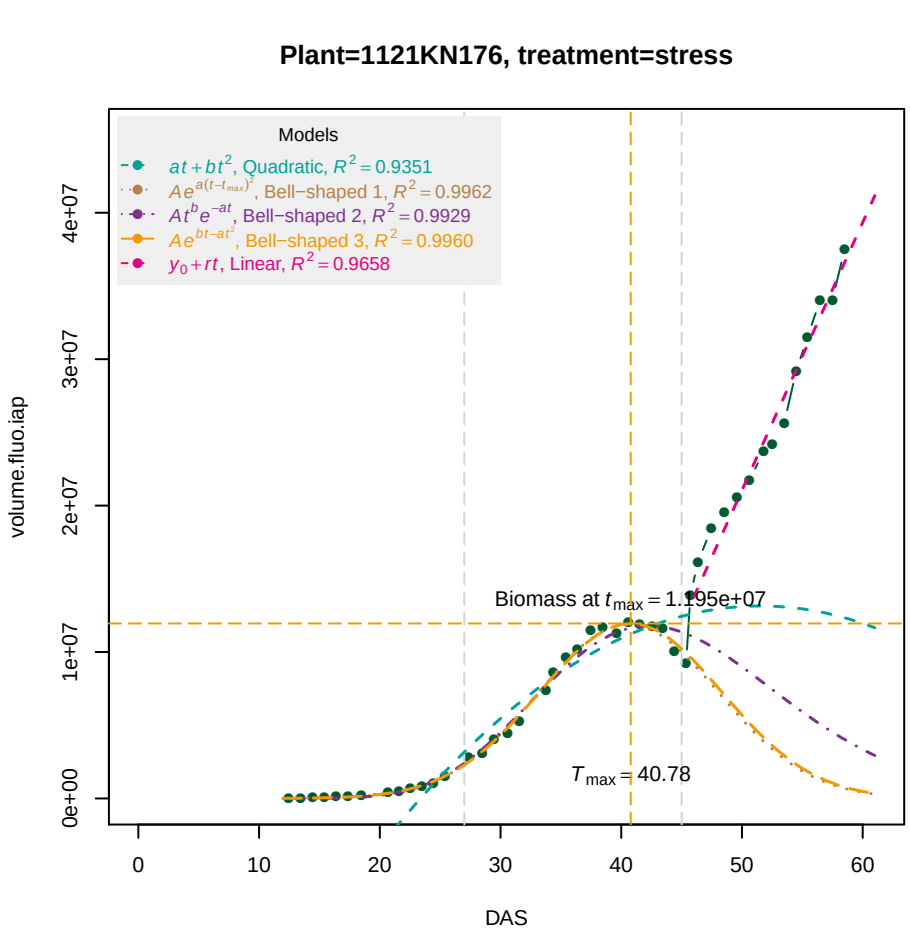

Genotype=Beatrix, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9107$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9665$
At^be^{-at}, Bell−shaped 2, $R^2=0.9658$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9682$
y_0+rt, Linear, $R^2=0.9107$
Plants of "Beatrix"
1121KN172
1121KN173
1121KN174
1121KN175
1121KN176
1121KN177
1121KN178
1121KN179
1121KN180
Biomass at t_{max} = 1.215e+07
T_{max} = 42.03
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

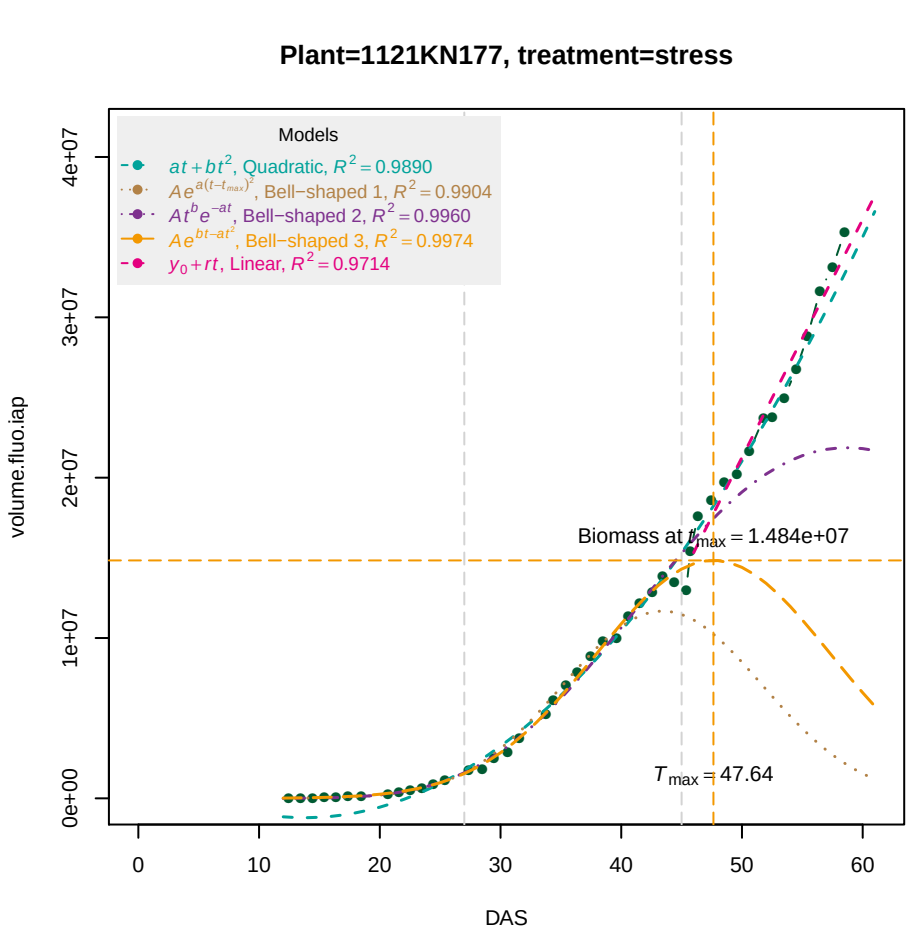

Plant=1121KN172, treatment=stress
Not suitable for modeling
(plant "1121KN172")
volume.fluo.iap
DAS

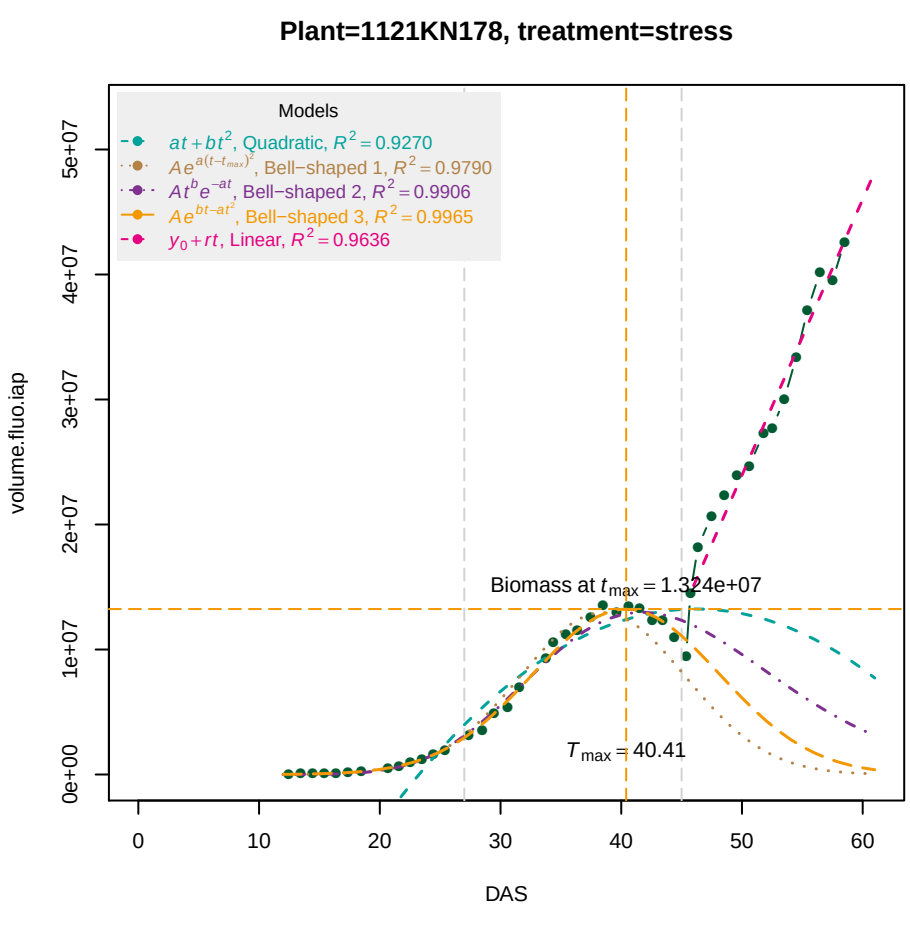

Plant=1121KN173, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9309$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9980$
At^be^{-at}, Bell−shaped 2, $R^2=0.9933$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9980$
y_0+rt, Linear, $R^2=0.9551$
Biomass at t_{max} = 1.263e+07
T_{max} = 40.83
volume.fluo.iap
DAS

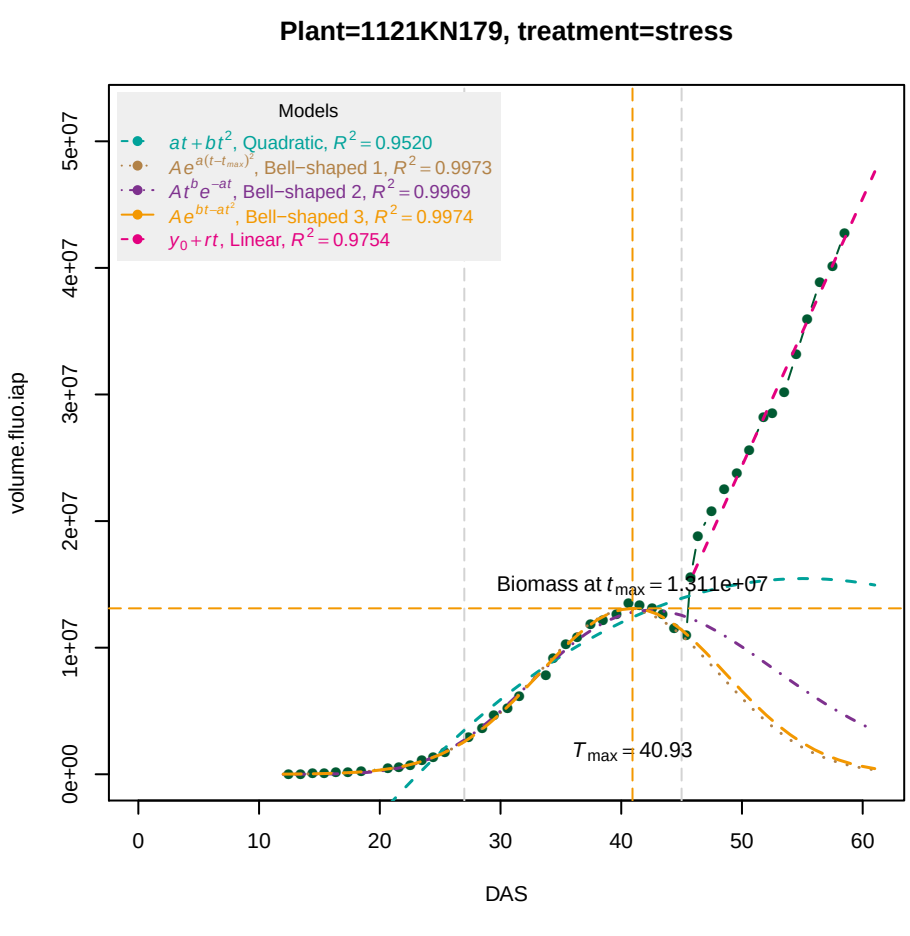

Plant=1121KN174, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9357$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9969$
At^be^{-at}, Bell−shaped 2, $R^2=0.9938$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9976$
y_0+rt, Linear, $R^2=0.9590$
Biomass at t_{max} = 1.227e+07
T_{max} = 41.19
volume.fluo.iap
DAS

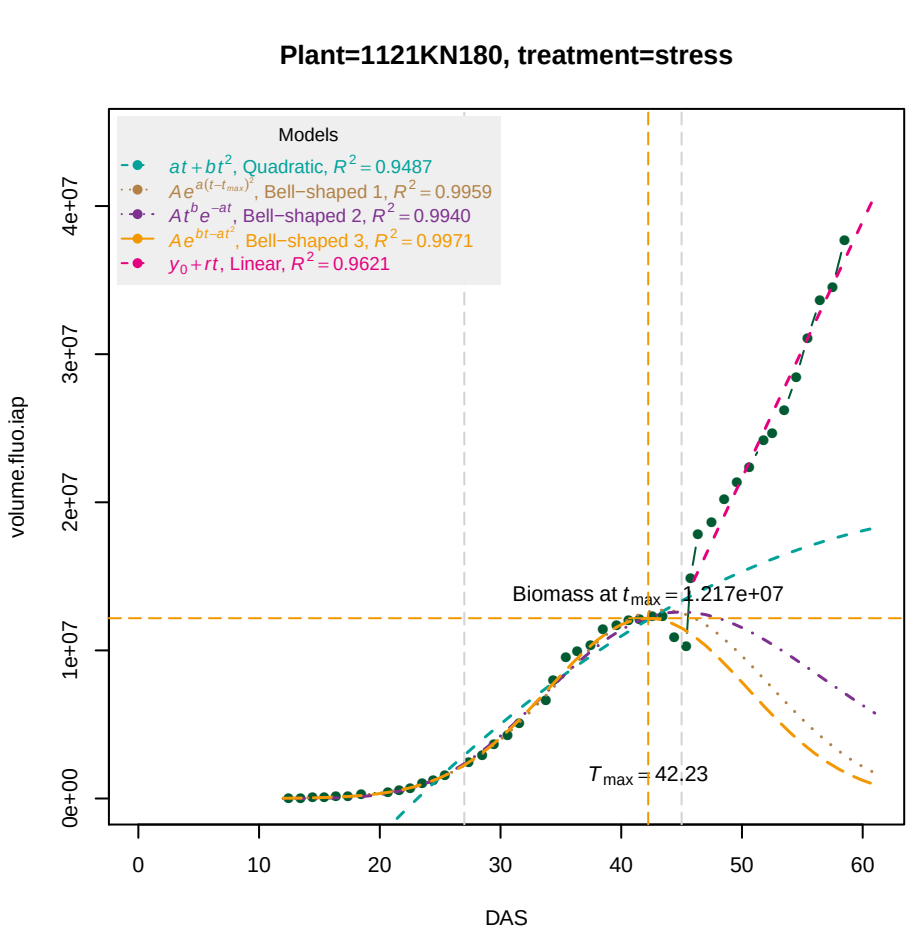

Plant=1121KN175, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9464$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9983$
At^be^{-at}, Bell−shaped 2, $R^2=0.9954$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9983$
y_0+rt, Linear, $R^2=0.9593$
Biomass at t_{max} = 1.175e+07
T_{max} = 41.32
volume.fluo.iap
DAS

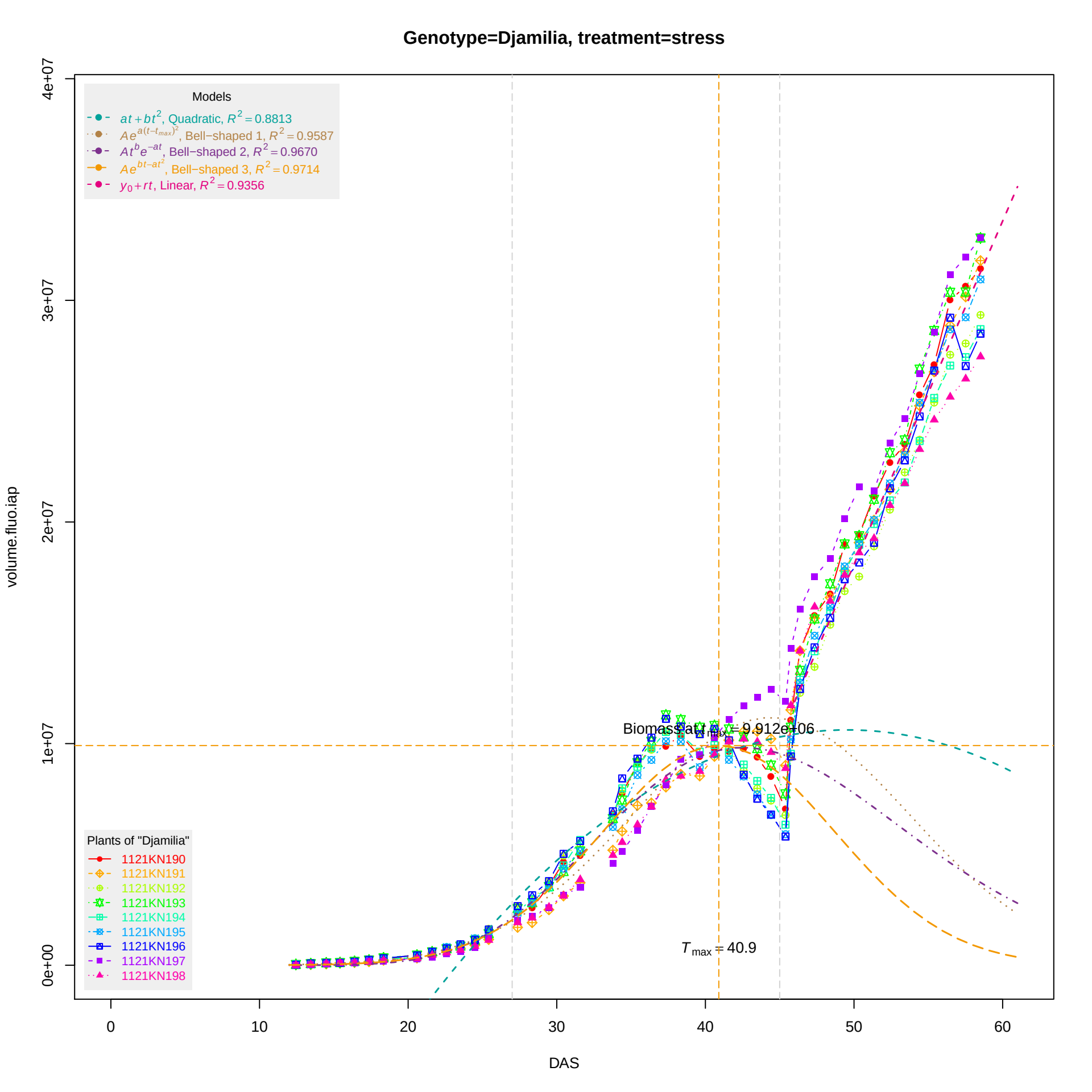

Plant=1121KN176, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9351$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9962$
At^be^{-at}, Bell−shaped 2, $R^2=0.9929$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9960$
y_0+rt, Linear, $R^2=0.9658$
Biomass at t_{max} = 1.195e+07
T_{max} = 40.78
volume.fluo.iap
DAS

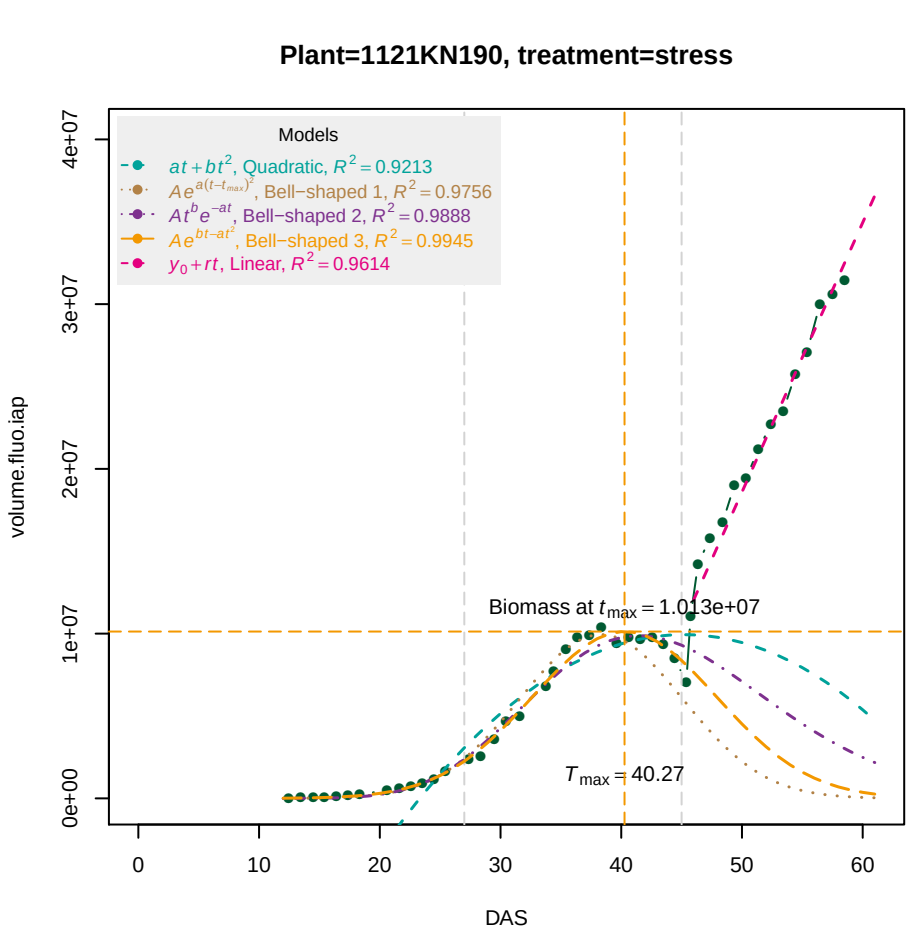

Plant=1121KN177, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9890$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9904$
At^be^{-at}, Bell−shaped 2, $R^2=0.9960$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9974$
y_0+rt, Linear, $R^2=0.9714$
Biomass at t_{max} = 1.484e+07
T_{max} = 47.64
volume.fluo.iap
DAS

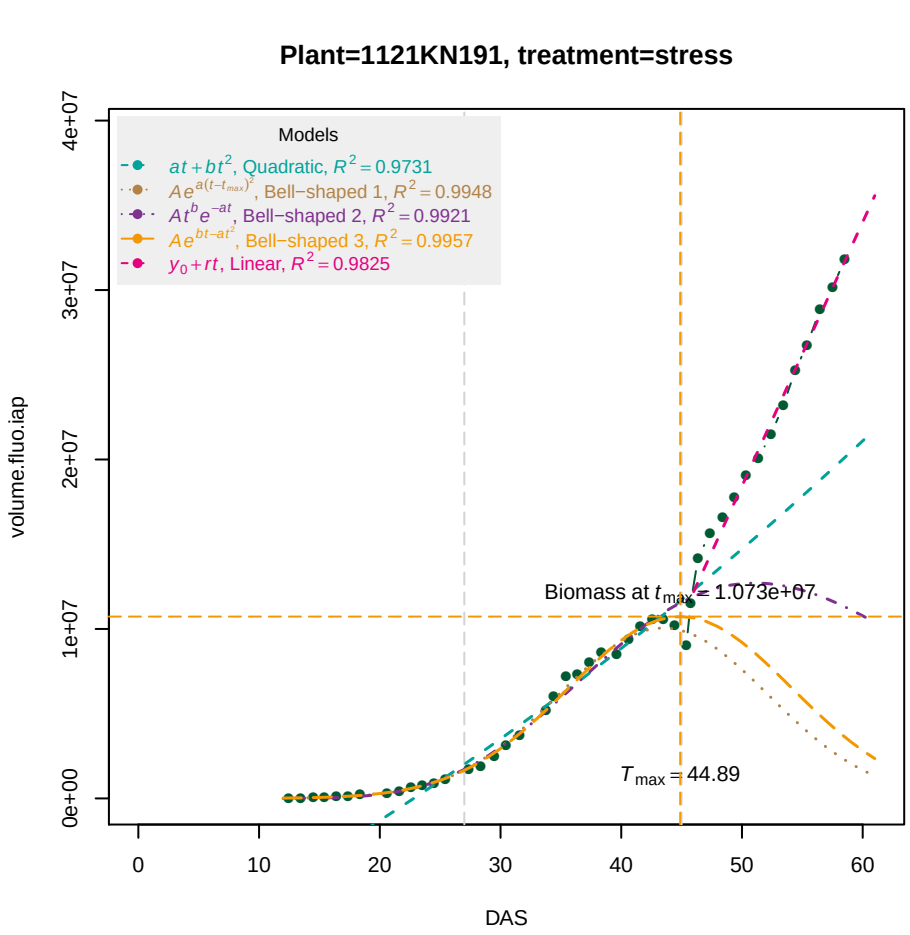

Plant=1121KN178, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9270$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9790$
At^be^{-at}, Bell−shaped 2, $R^2=0.9906$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9965$
y_0+rt, Linear, $R^2=0.9636$
Biomass at t_{max} = 1.324e+07
T_{max} = 40.41
volume.fluo.iap
DAS

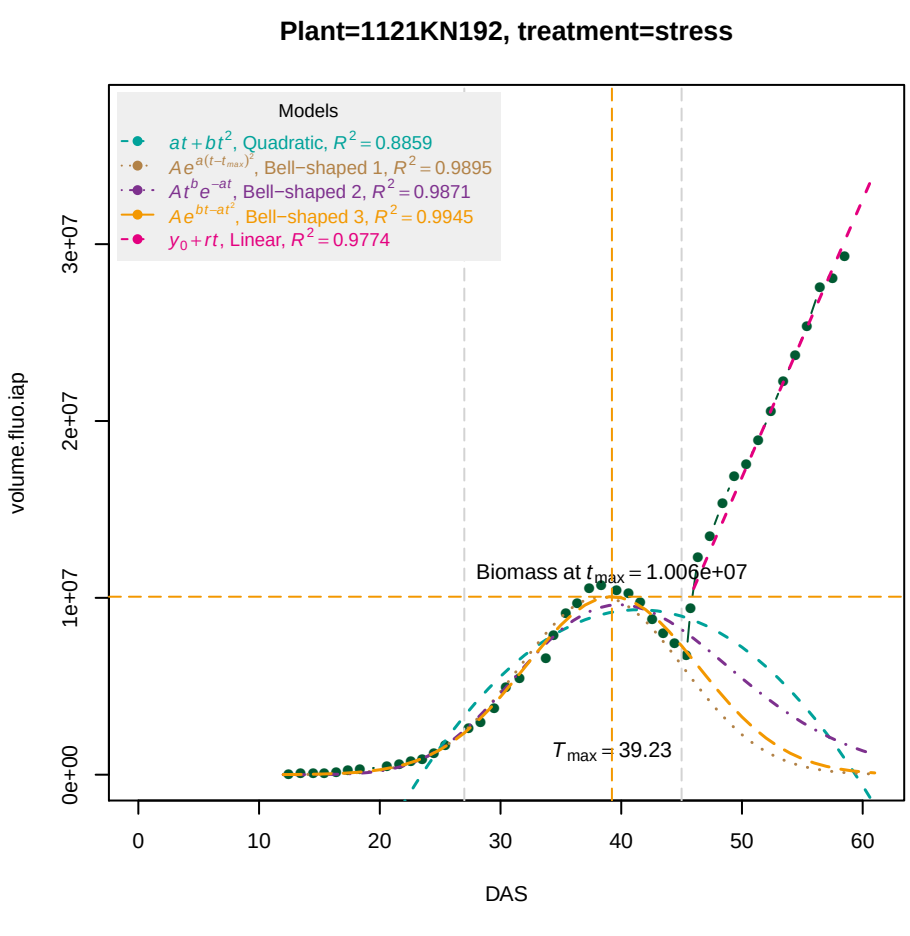

Plant=1121KN179, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9520$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9973$
At^be^{-at}, Bell−shaped 2, $R^2=0.9969$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9974$
y_0+rt, Linear, $R^2=0.9754$
Biomass at t_{max} = 1.311e+07
T_{max} = 40.93
volume.fluo.iap
DAS

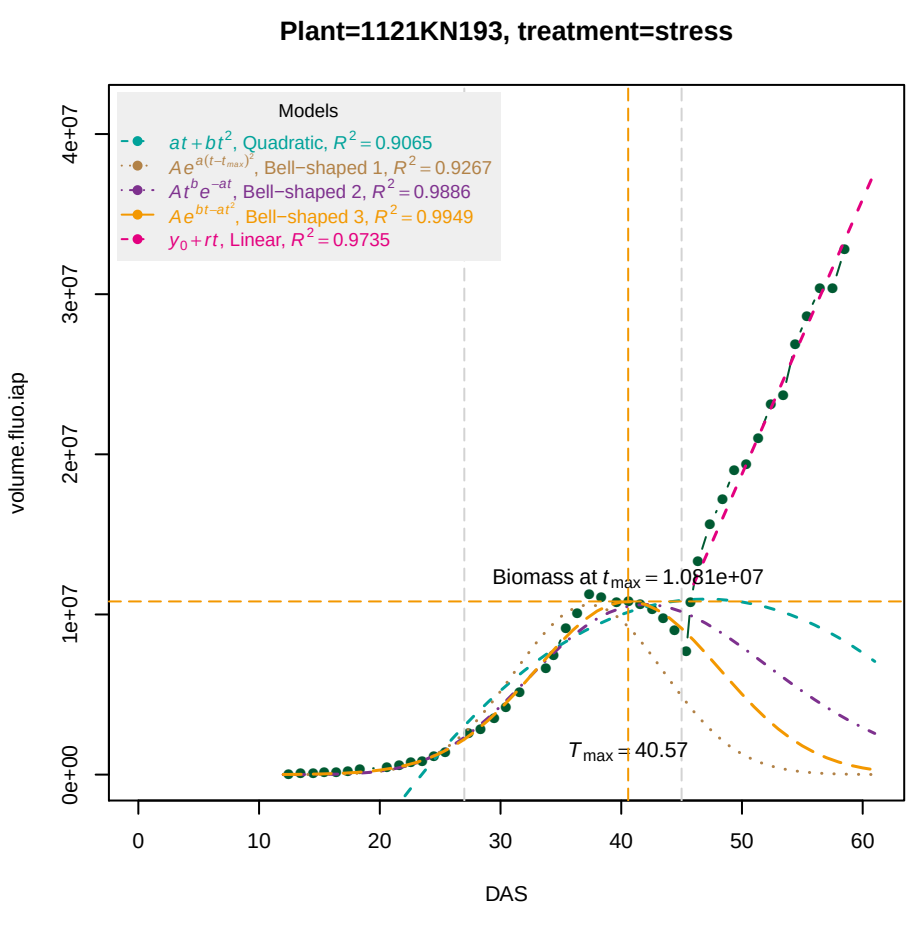

Plant=1121KN180, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9487$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9959$
At^be^{-at}, Bell−shaped 2, $R^2=0.9940$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9971$
y_0+rt, Linear, $R^2=0.9621$
Biomass at t_{max} = 1.217e+07
T_{max} = 42.23
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS


Genotype=Djamilia, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8813$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9587$
At^be^{-at}, Bell−shaped 2, $R^2=0.9670$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9714$
y_0+rt, Linear, $R^2=0.9356$
Plants of "Djamilia"
1121KN190
1121KN191
1121KN192
1121KN193
1121KN194
1121KN195
1121KN196
1121KN197
1121KN198
Biomass at T_{max} = 9.912e+06
T_{max} = 40.9
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

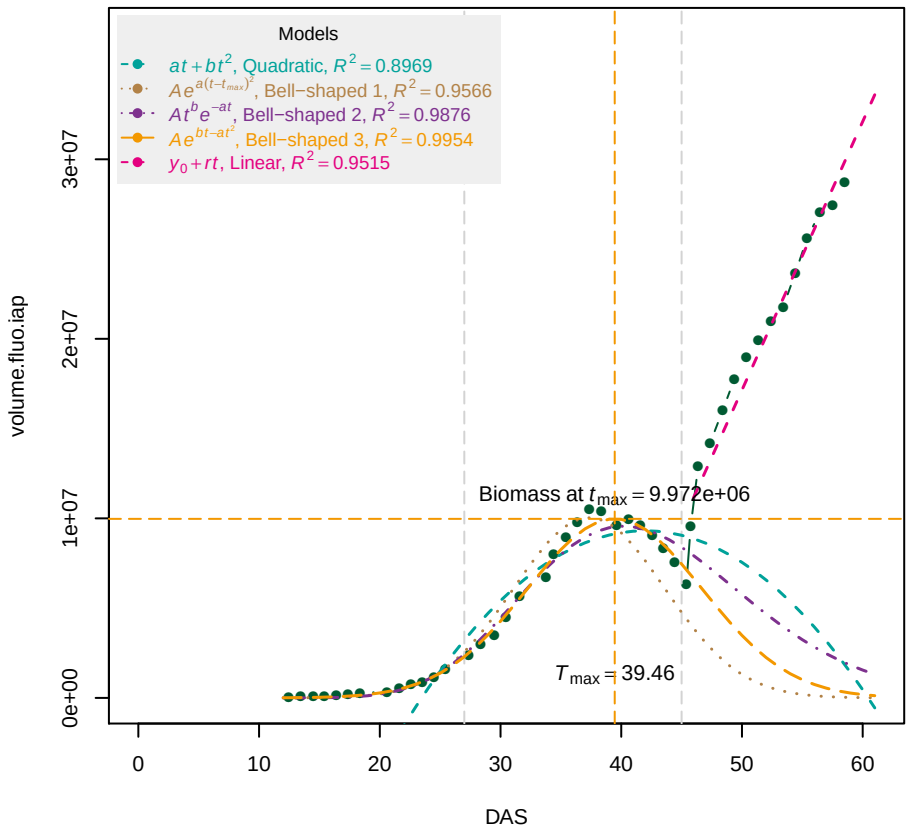

Plant=1121KN190, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9213$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9756$
At^be^{-at}, Bell−shaped 2, $R^2=0.9888$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9945$
y_0+rt, Linear, $R^2=0.9614$
Biomass at t_{max} = 1.013e+07
T_{max} = 40.27
volume.fluo.iap
DAS


Plant=1121KN191, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9731$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9948$
At^be^{-at}, Bell−shaped 2, $R^2=0.9921$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9957$
y_0+rt, Linear, $R^2=0.9825$
Biomass at t_{max} = 1.073e+07
T_{max} = 44.89
volume.fluo.iap
DAS

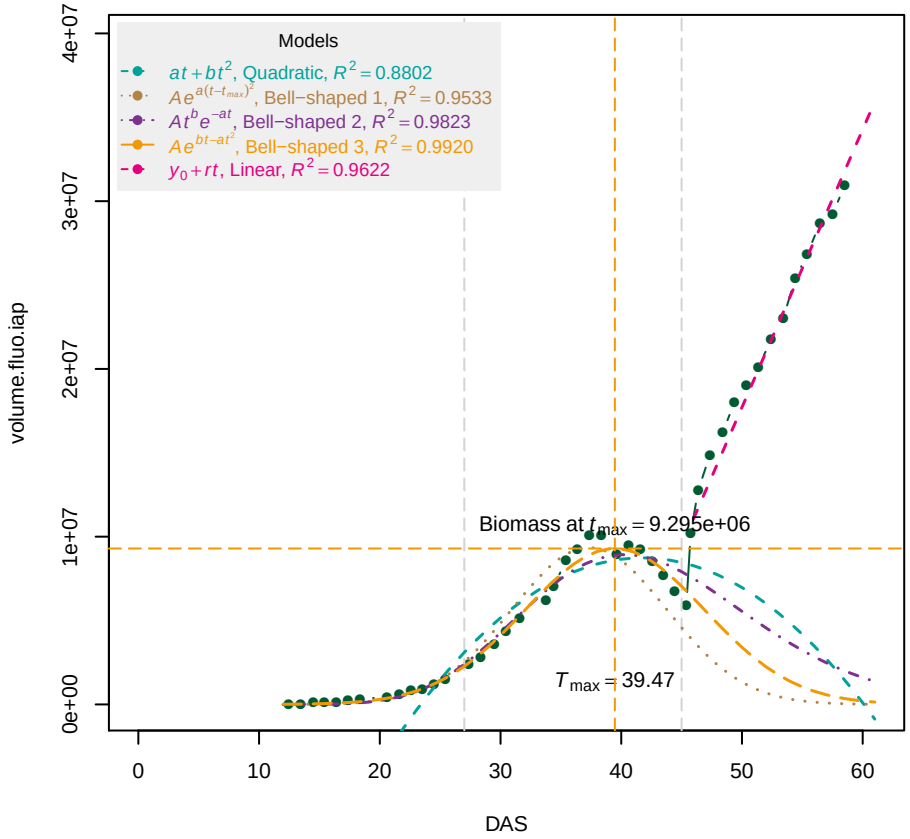

Plant=1121KN192, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8859$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9895$
At^be^{-at}, Bell−shaped 2, $R^2=0.9871$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9945$
y_0+rt, Linear, $R^2=0.9774$
Biomass at t_{max} = 1.006e+07
T_{max} = 39.23
volume.fluo.iap
DAS


Plant=1121KN193, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9065$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9267$
At^be^{-at}, Bell−shaped 2, $R^2=0.9886$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9949$
y_0+rt, Linear, $R^2=0.9735$
Biomass at t_{max} = 1.081e+07
T_{max} = 40.57
volume.fluo.iap
DAS

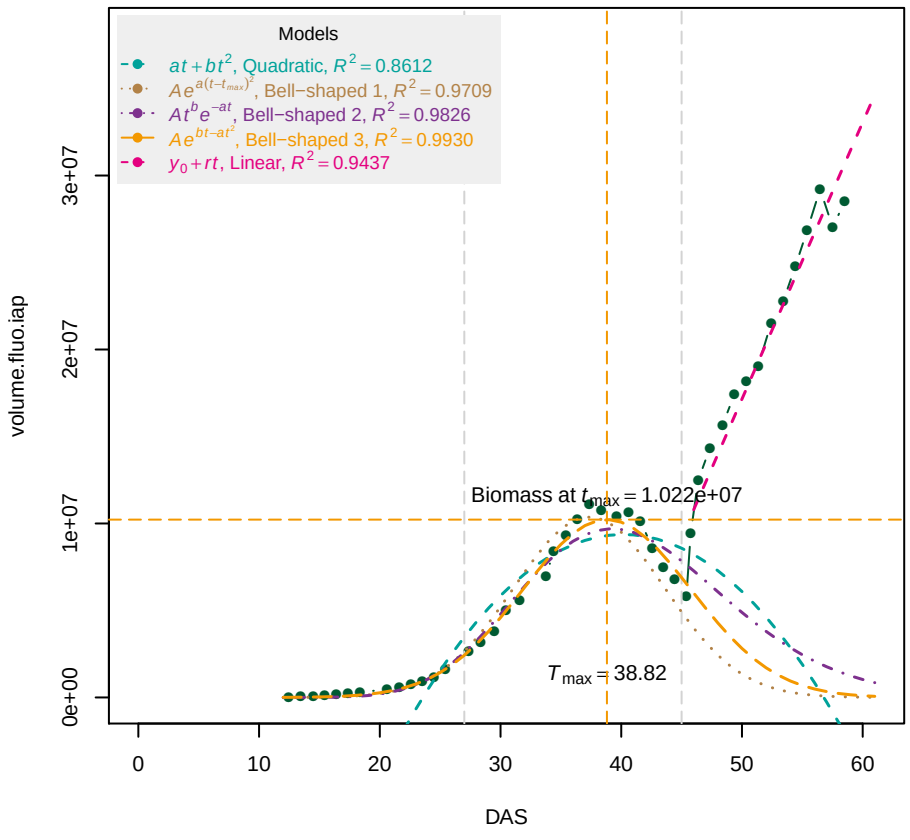
Plant=1121KN194, treatment=stress



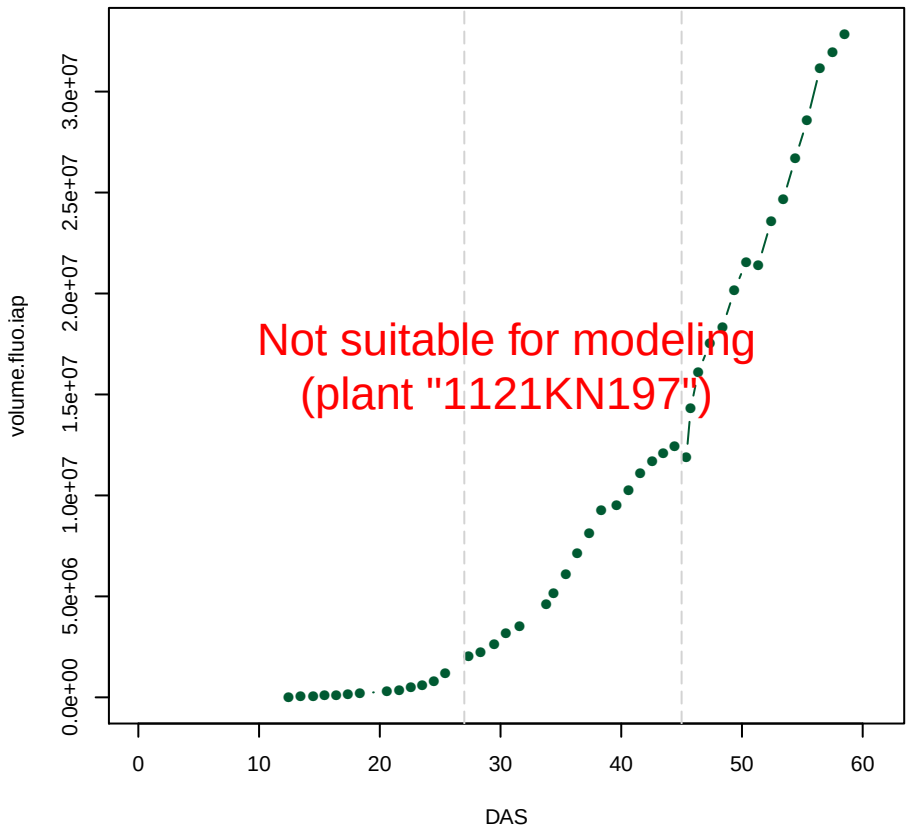
Plant=1121KN195, treatment=stress

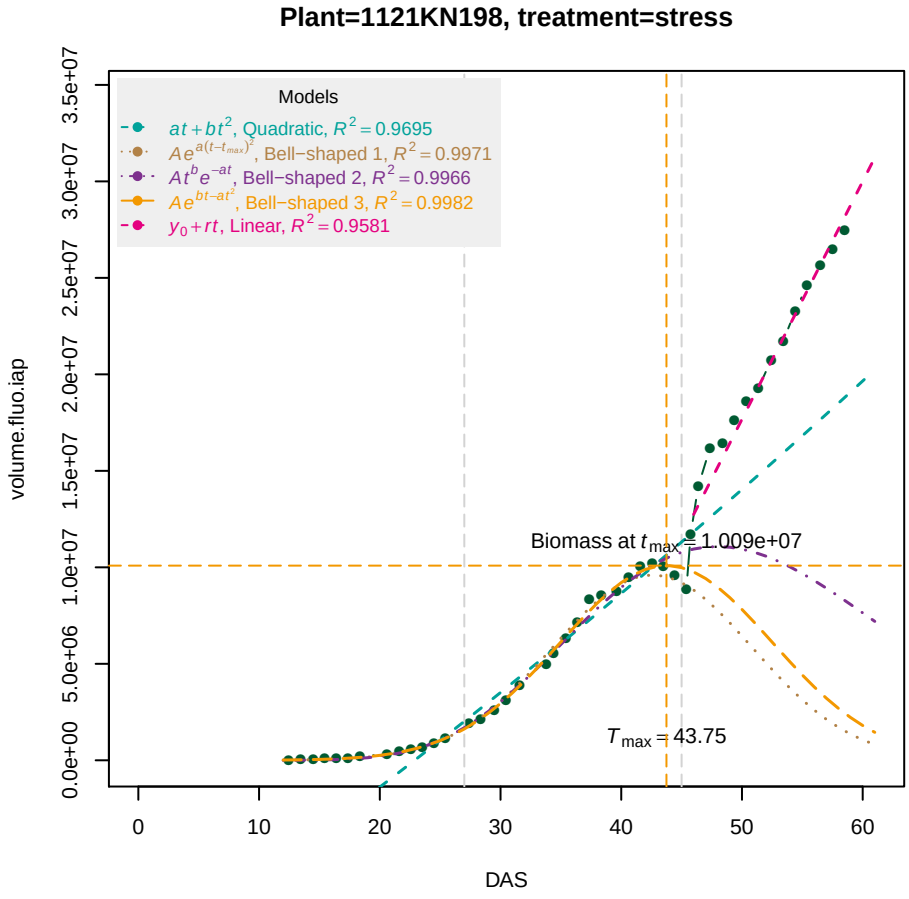


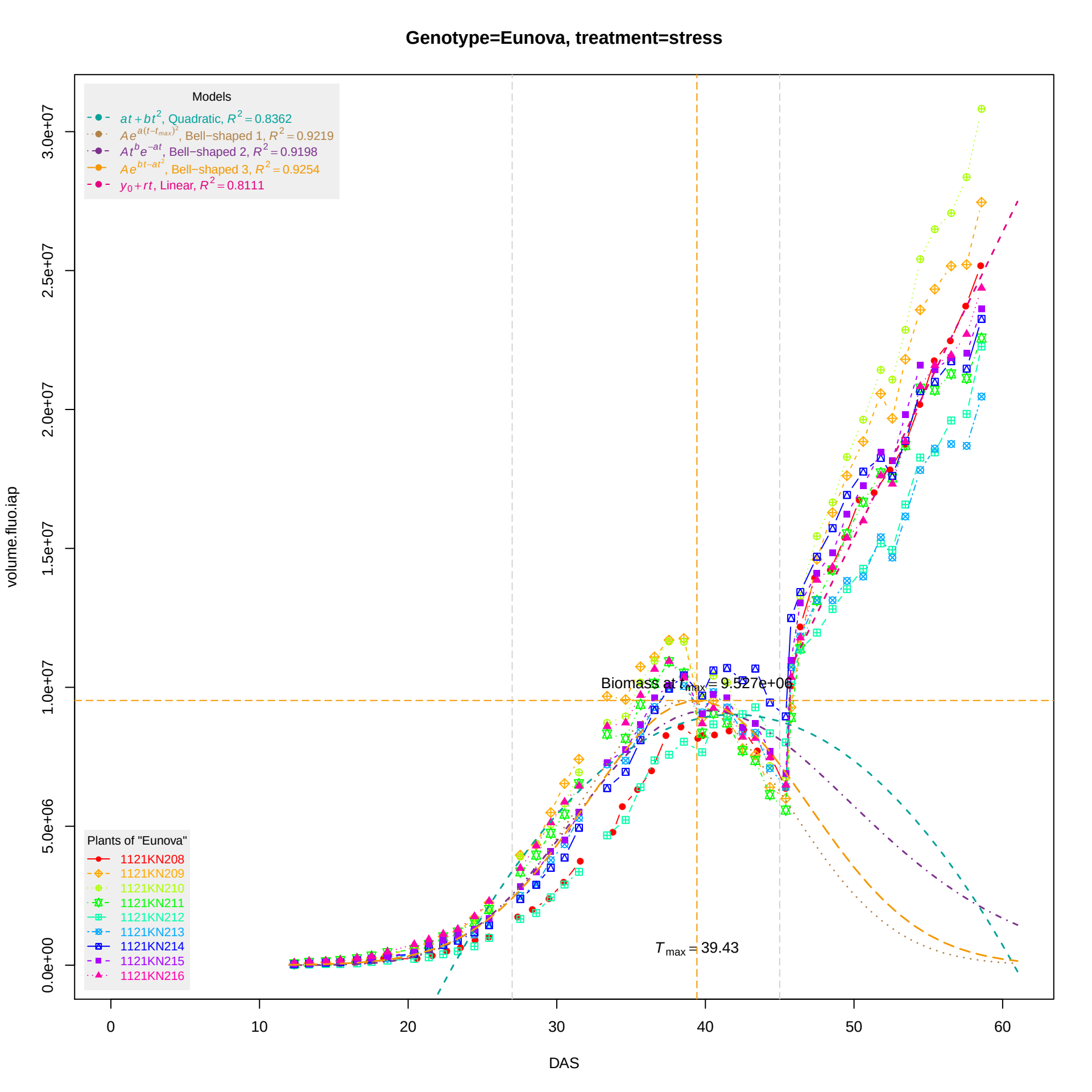
Plant=1121KN196, treatment=stress

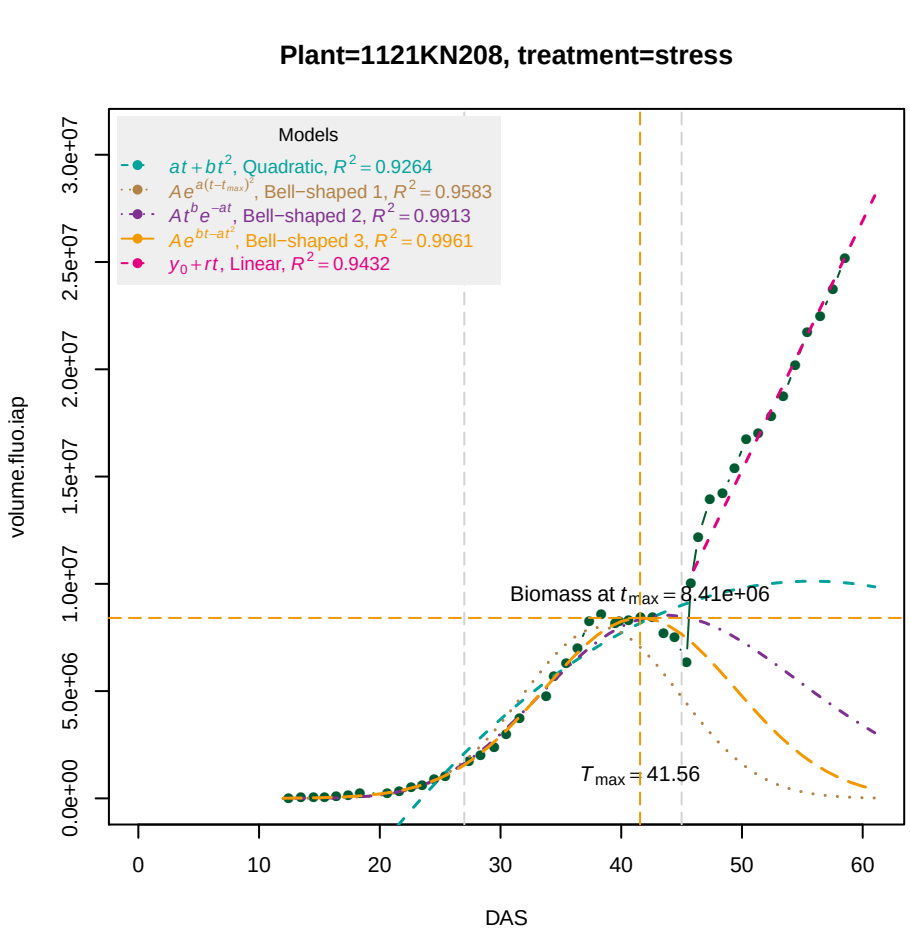


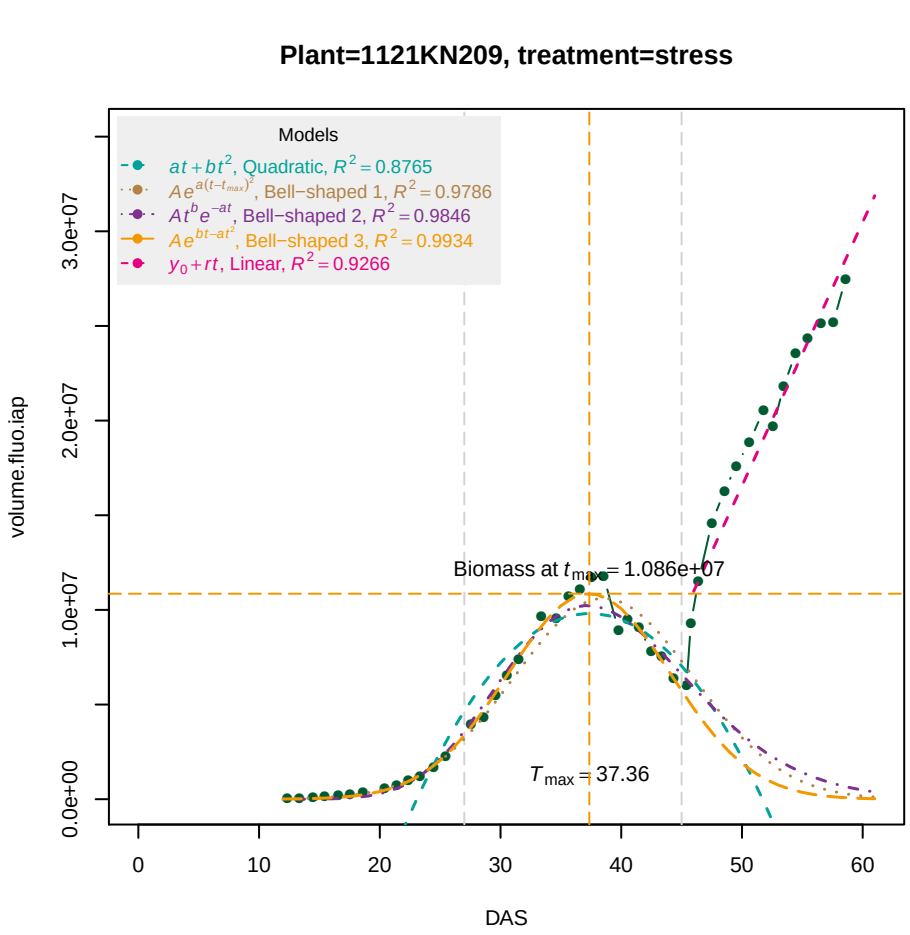
Plant=1121KN197, treatment=stress

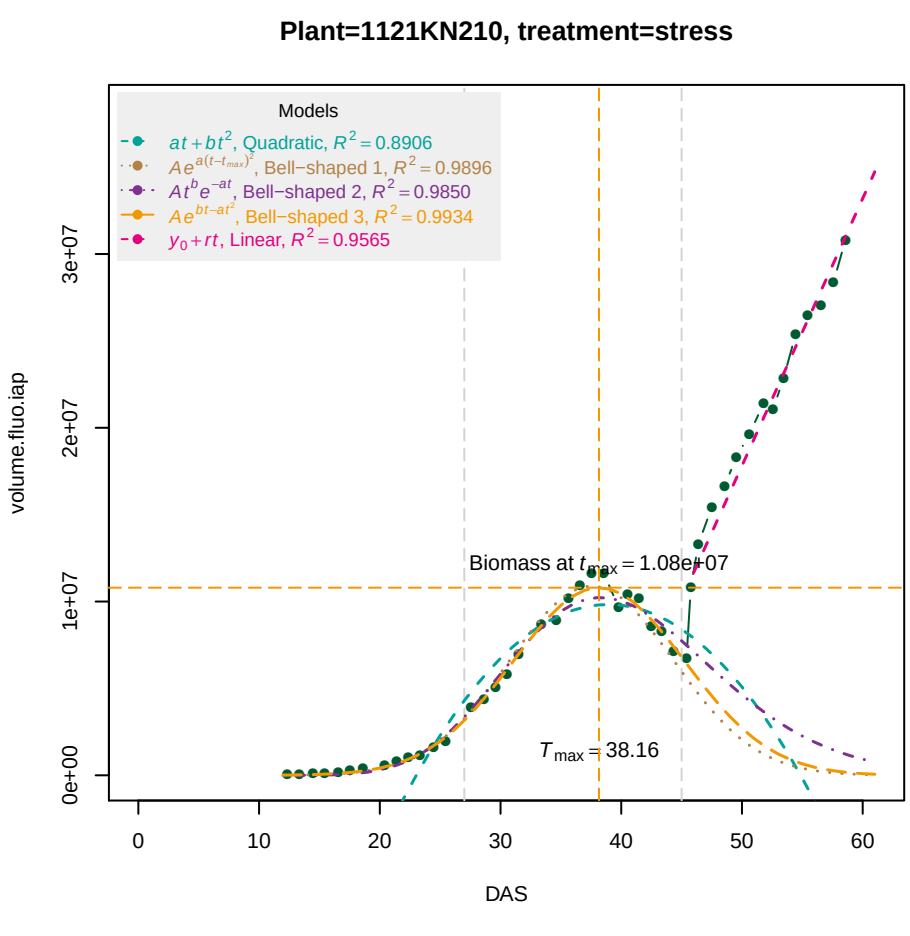


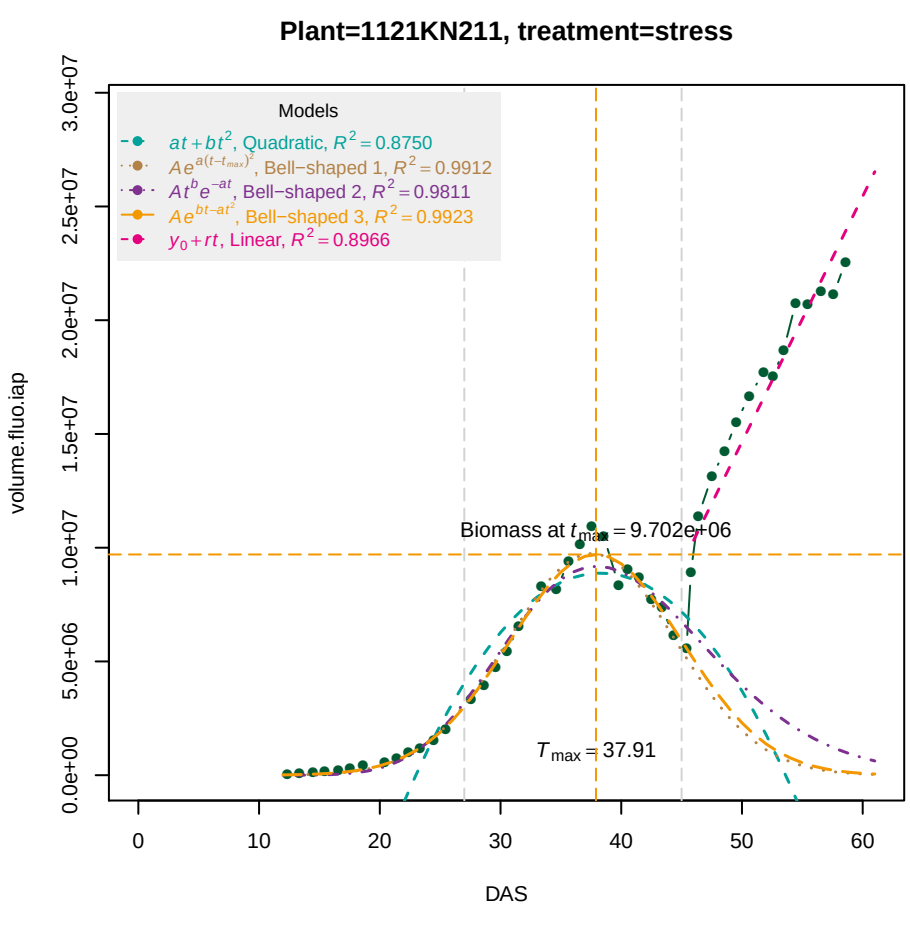

Plant=1121KN198, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9695$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9971$
At^be^{-at}, Bell−shaped 2, $R^2=0.9966$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9982$
y_0+rt, Linear, $R^2=0.9581$
Biomass at t_{max} = 1.009e+07
T_{max} = 43.75
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
3.0e+07
3.5e+07
0
10
20
30
40
50
60
DAS

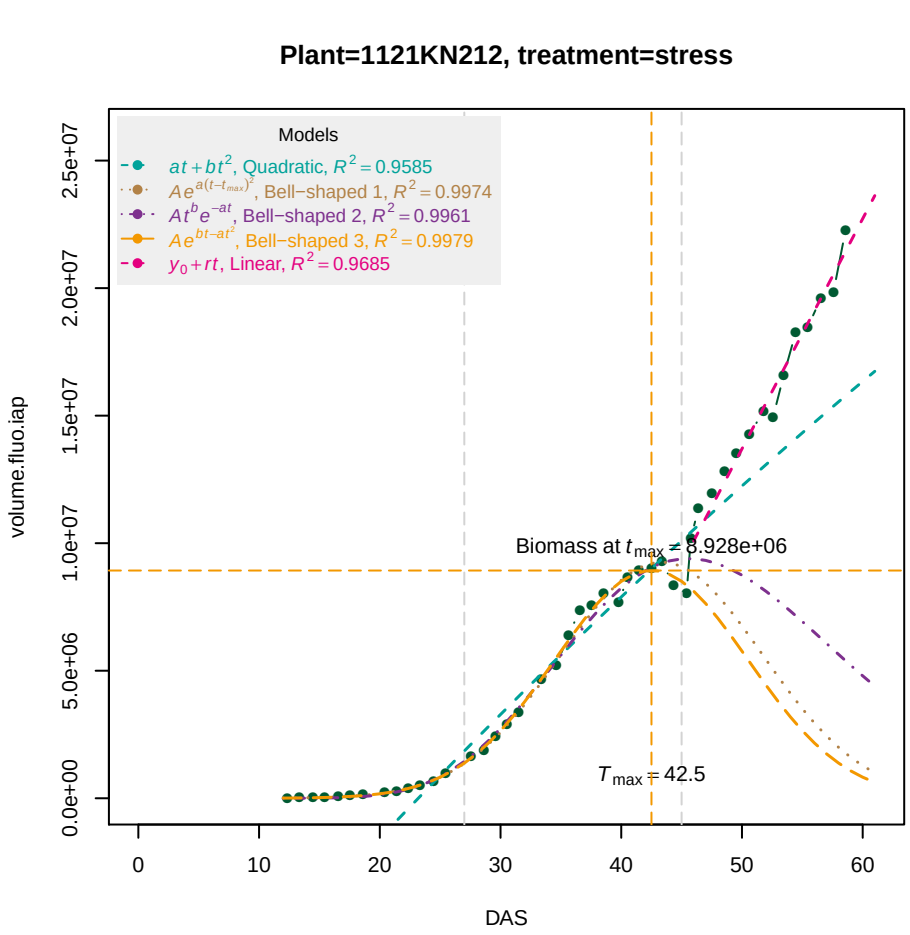

Genotype=Eunova, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8362$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9219$
At^be^{-at}, Bell−shaped 2, $R^2=0.9198$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9254$
y_0+rt, Linear, $R^2=0.8111$
Plants of "Eunova"
1121KN208
1121KN209
1121KN210
1121KN211
1121KN212
1121KN213
1121KN214
1121KN215
1121KN216
Biomass at t_{max} = 9.527e+06
T_{max} = 39.43
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
3.0e+07
0
10
20
30
40
50
60
DAS

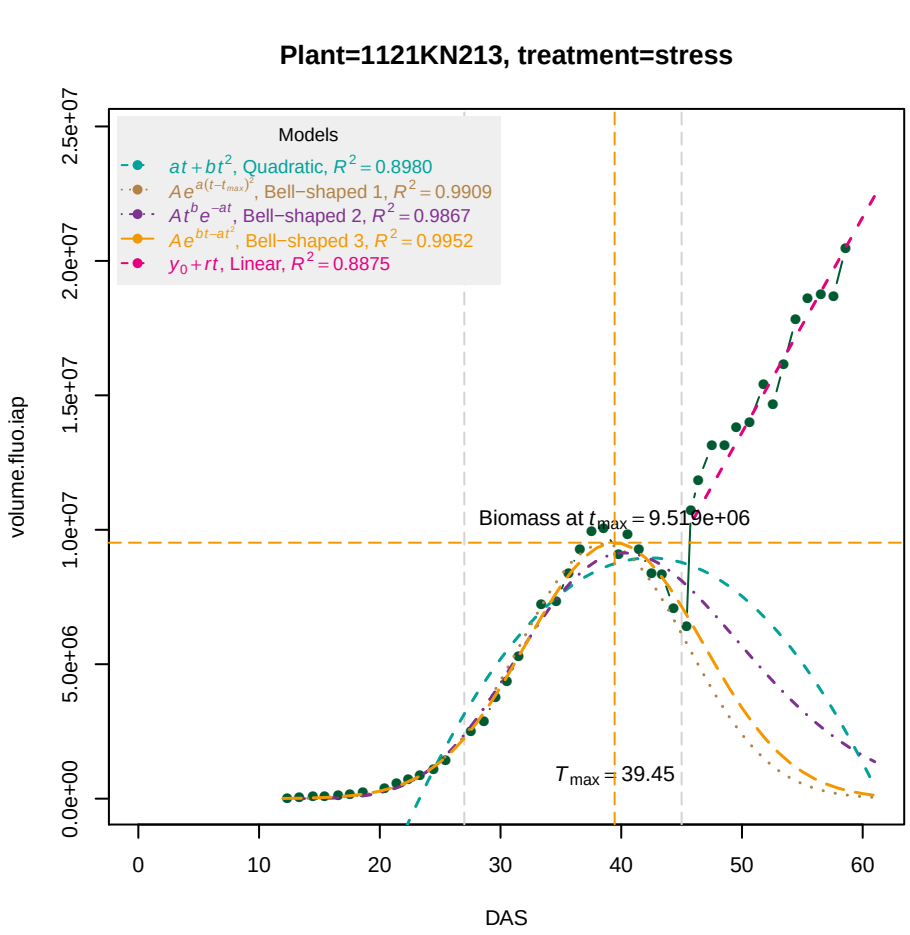

Plant=1121KN208, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9264$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9583$
At^be^{-at}, Bell−shaped 2, $R^2=0.9913$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9961$
y_0+rt, Linear, $R^2=0.9432$
Biomass at t_{max} = 8.41e+06
T_{max} = 41.56
volume.fluo.iap
DAS

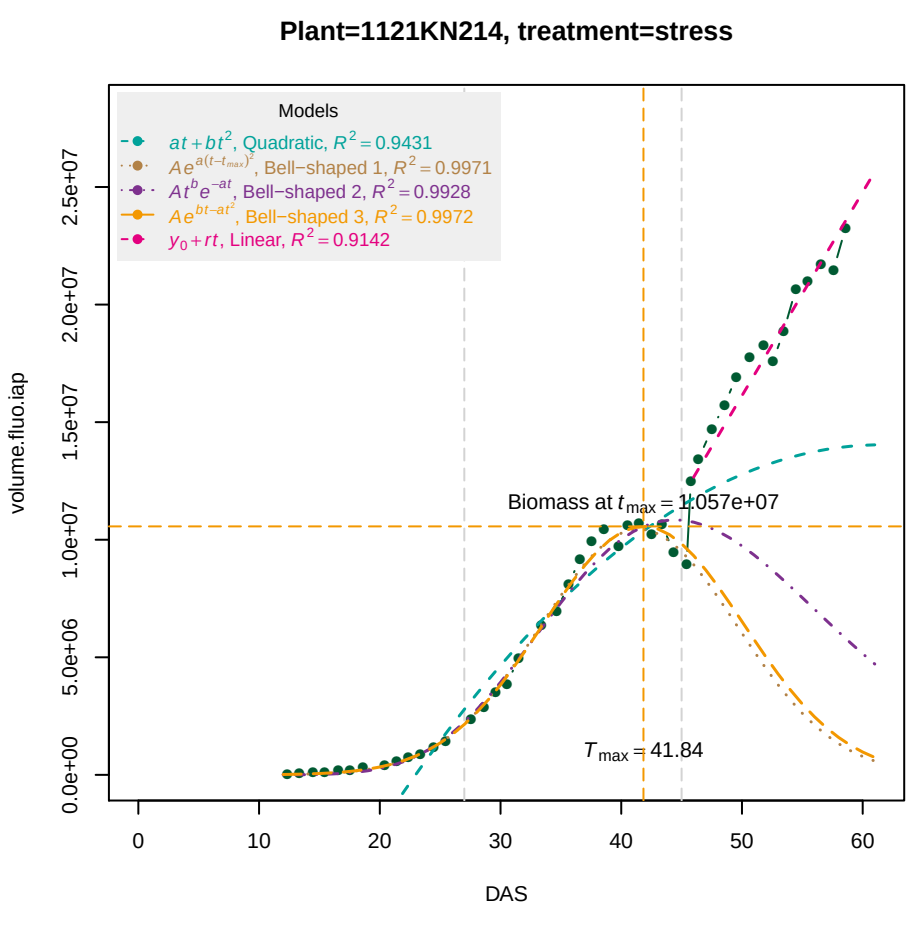

Plant=1121KN209, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8765$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9786$
At^be^{-at}, Bell−shaped 2, $R^2=0.9846$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9934$
y_0+rt, Linear, $R^2=0.9266$
Biomass at t_{max} = 1.086e+07
T_{max} = 37.36
volume.fluo.iap
DAS

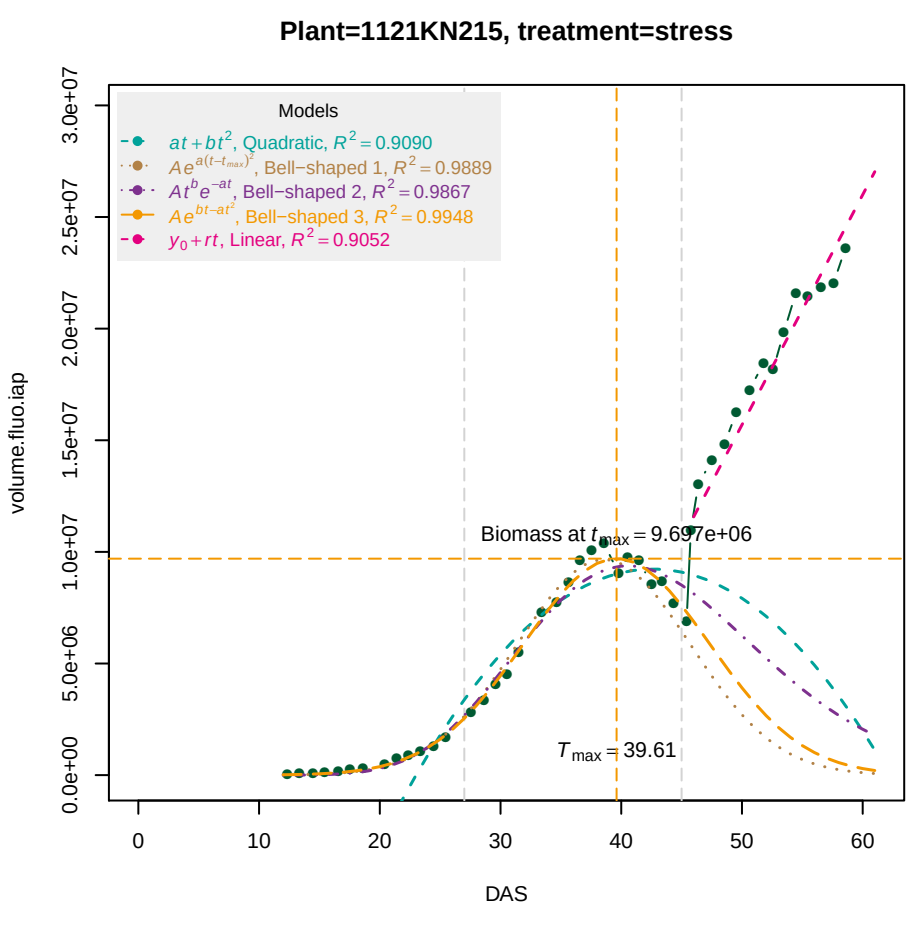

Plant=1121KN210, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8906$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9896$
At^be^{-at}, Bell−shaped 2, $R^2=0.9850$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9934$
y_0+rt, Linear, $R^2=0.9565$
Biomass at t_{max} = 1.08e+07
T_{max} = 38.16
volume.fluo.iap
DAS

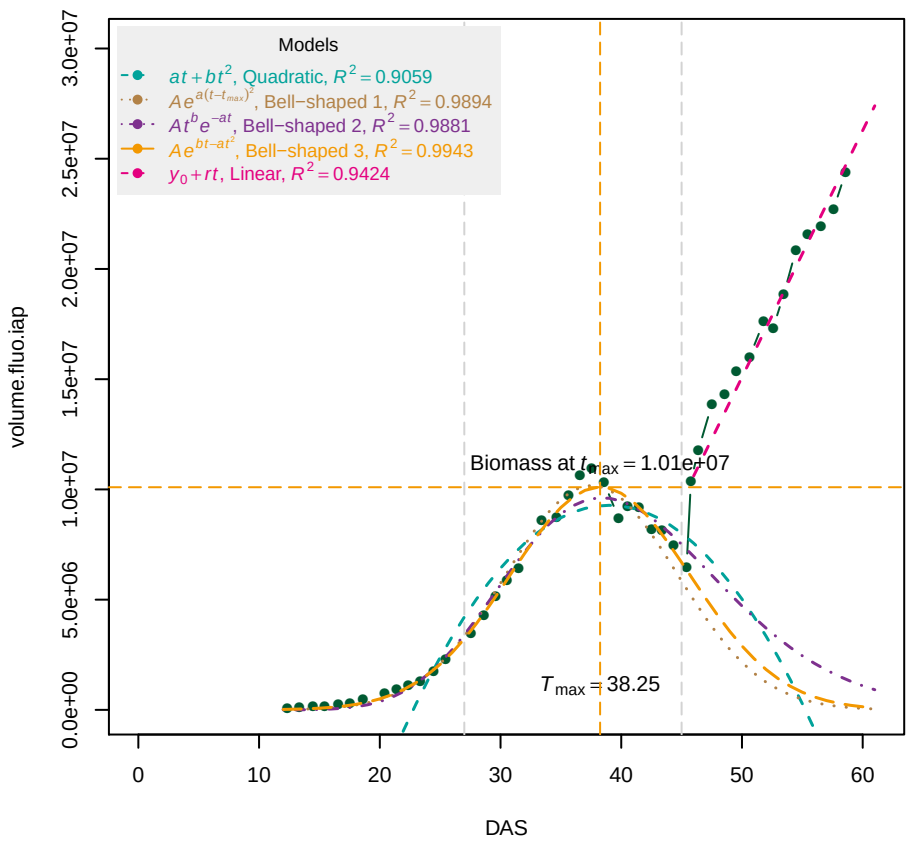

Plant=1121KN211, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8750$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9912$
At^be^{-at}, Bell−shaped 2, $R^2=0.9811$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9923$
y_0+rt, Linear, $R^2=0.8966$
Biomass at t_{max} = 9.702e+06
T_{max} = 37.91
volume.fluo.iap
DAS

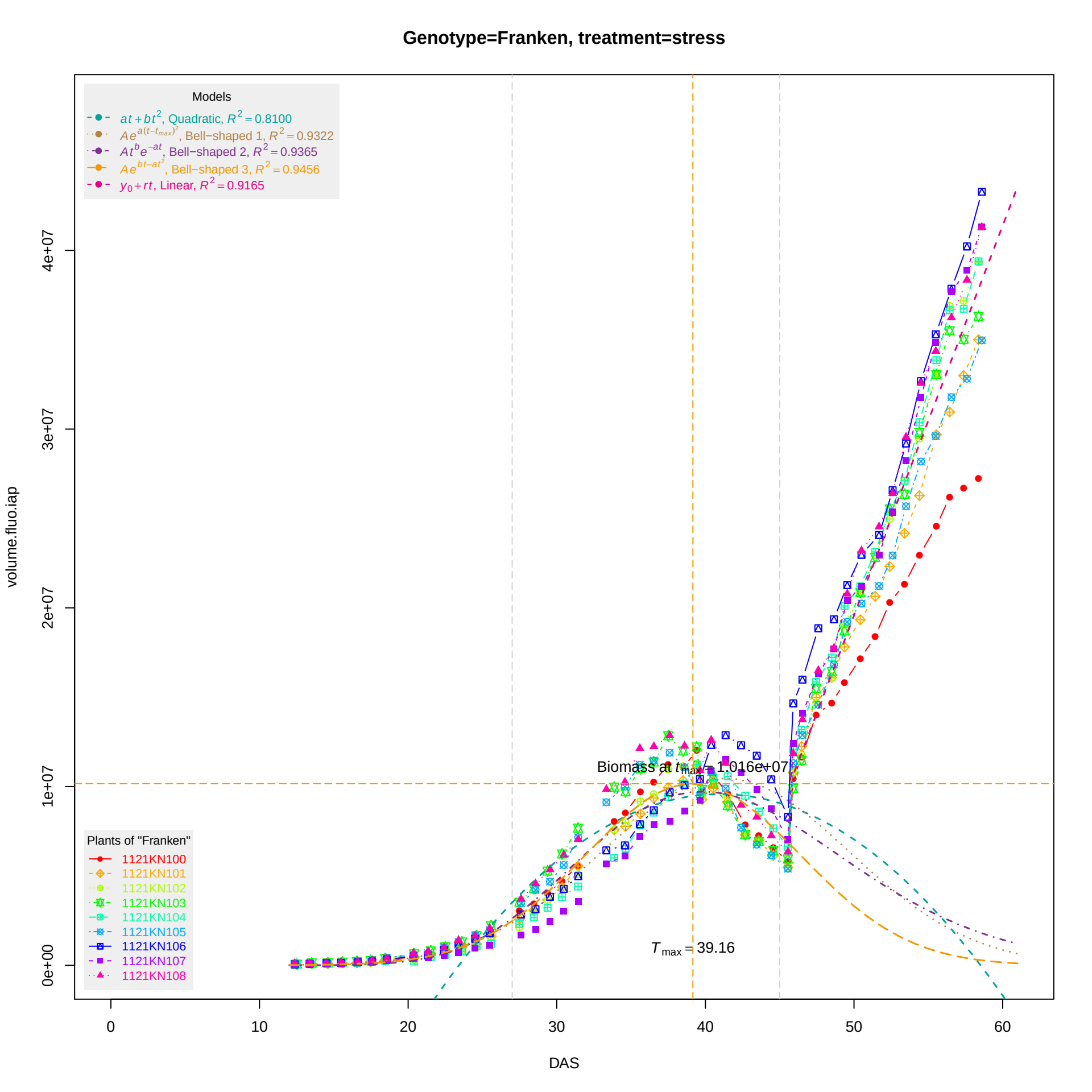

Plant=1121KN212, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9585$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9974$
At^be^{-at}, Bell−shaped 2, $R^2=0.9961$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9979$
y_0+rt, Linear, $R^2=0.9685$
Biomass at t_{max} = 8.928e+06
T_{max} = 42.5
volume.fluo.iap
DAS

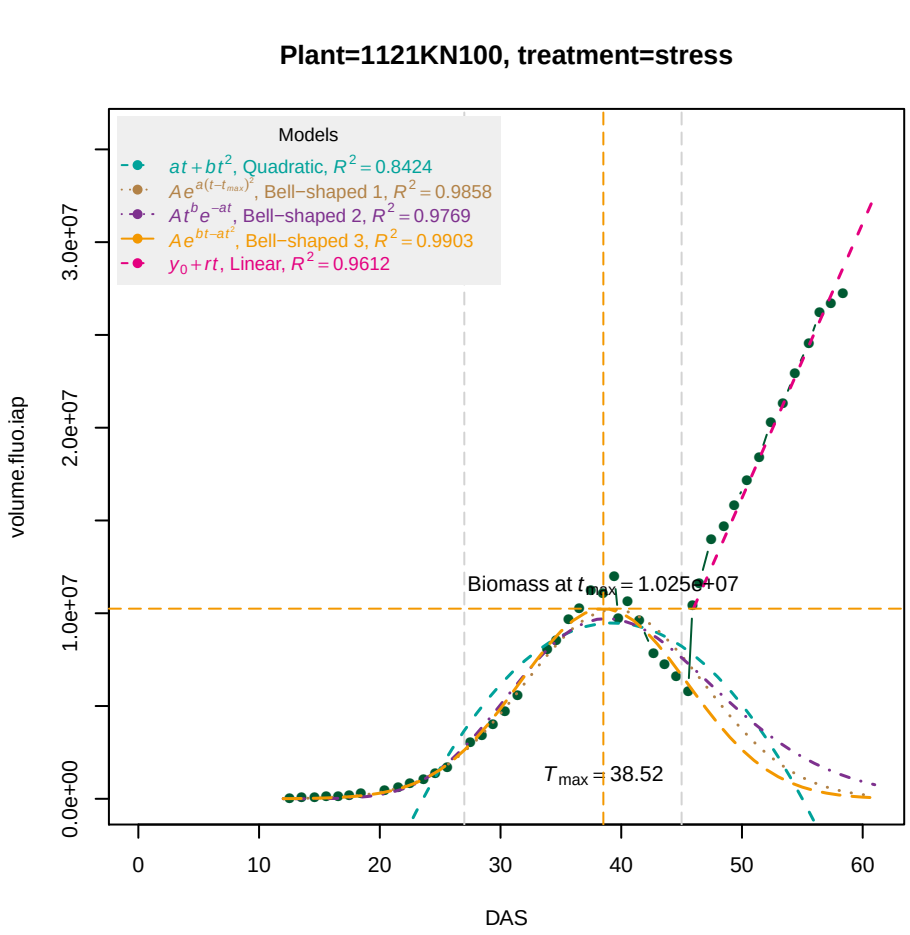

Plant=1121KN213, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8980$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9909$
At^be^{-at}, Bell−shaped 2, $R^2=0.9867$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9952$
y_0+rt, Linear, $R^2=0.8875$
Biomass at t_{max} = 9.519e+06
T_{max} = 39.45
volume.fluo.iap
DAS

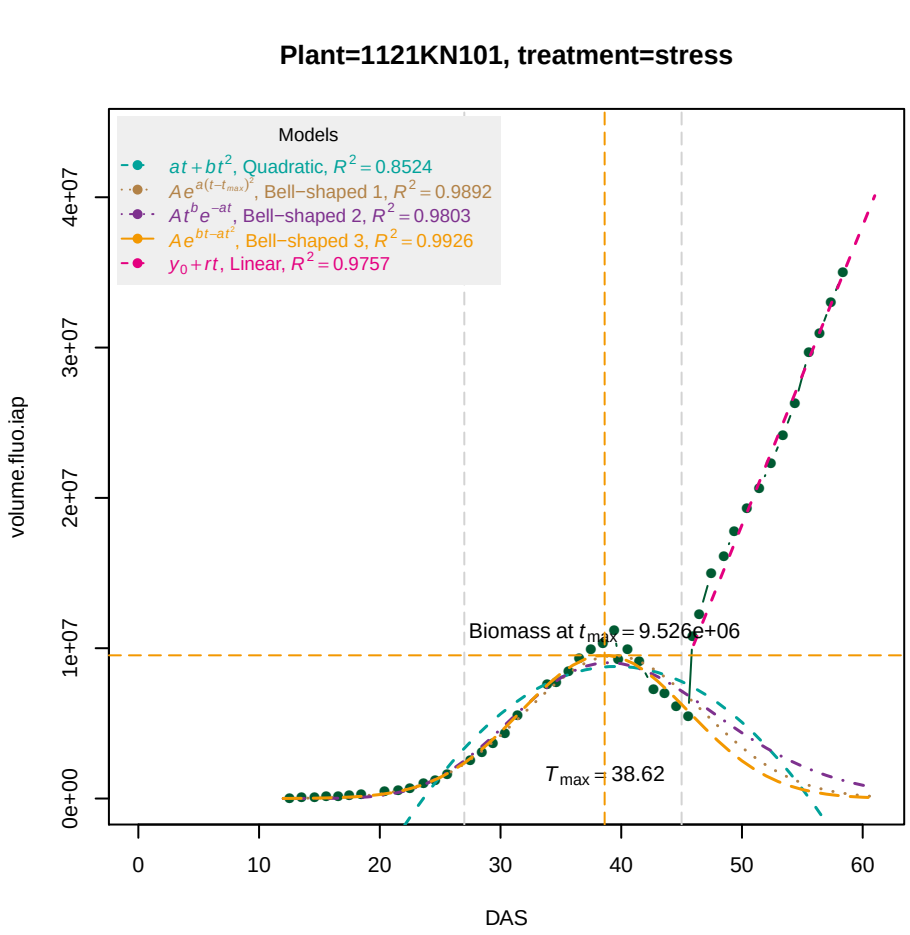

Plant=1121KN214, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9431$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9971$
At^be^{-at}, Bell−shaped 2, $R^2=0.9928$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9972$
y_0+rt, Linear, $R^2=0.9142$
Biomass at t_{max} = 1.057e+07
T_{max} = 41.84
volume.fluo.iap
DAS

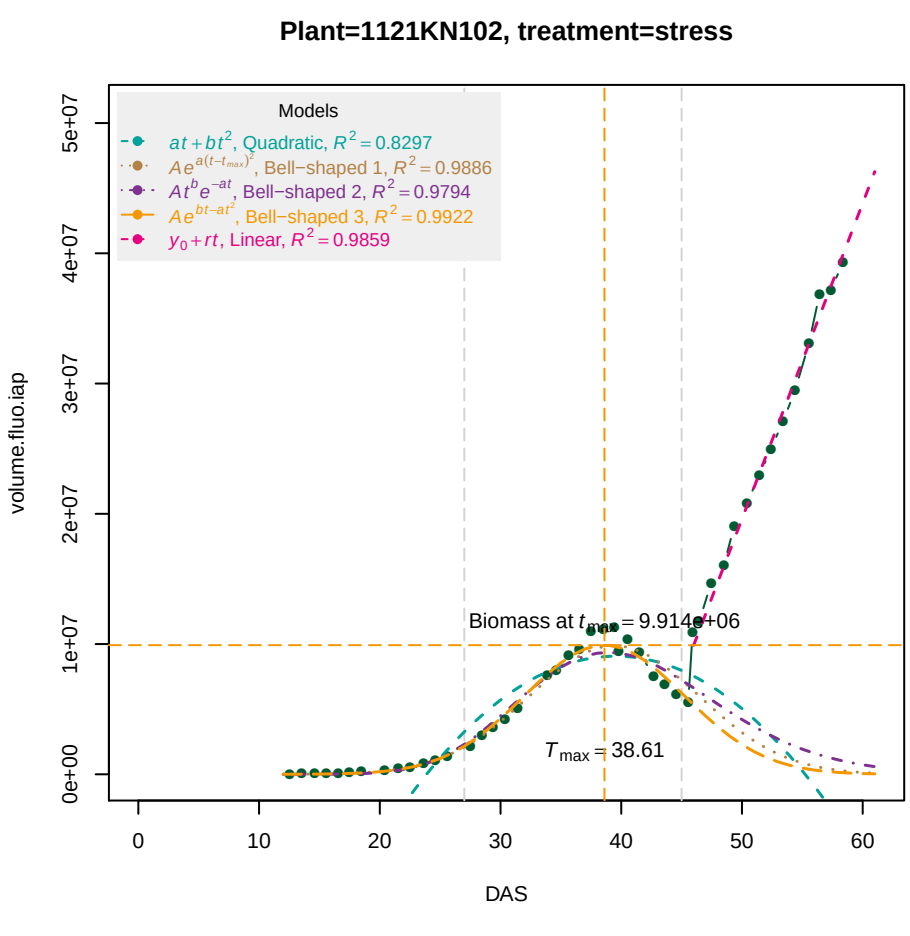

Plant=1121KN215, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9090$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9889$
At^be^{-at}, Bell−shaped 2, $R^2=0.9867$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9948$
y_0+rt, Linear, $R^2=0.9052$
Biomass at t_{max} = 9.697e+06
T_{max} = 39.61
volume.fluo.iap
DAS

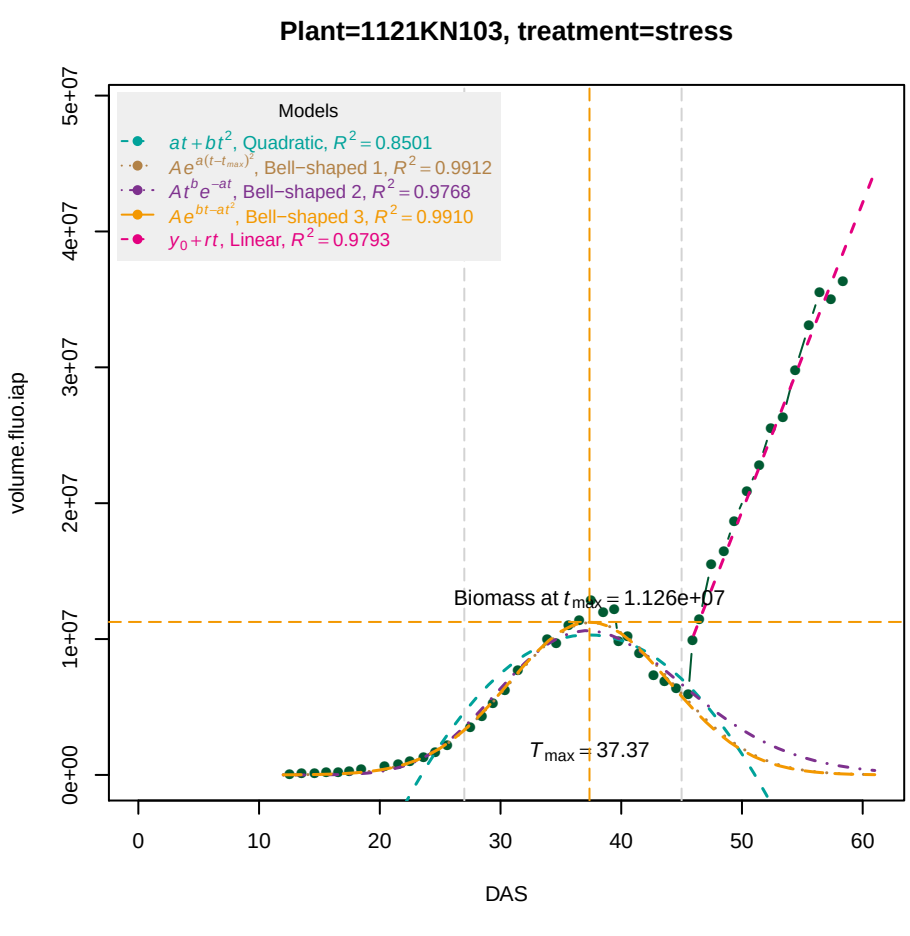

Plant=1121KN216, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9059$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9894$
At^be^{-at}, Bell−shaped 2, $R^2=0.9881$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9943$
y_0+rt, Linear, $R^2=0.9424$
Biomass at t_{max} = 1.01e+07
T_{max} = 38.25
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
3.0e+07
0
10
20
30
40
50
60
DAS

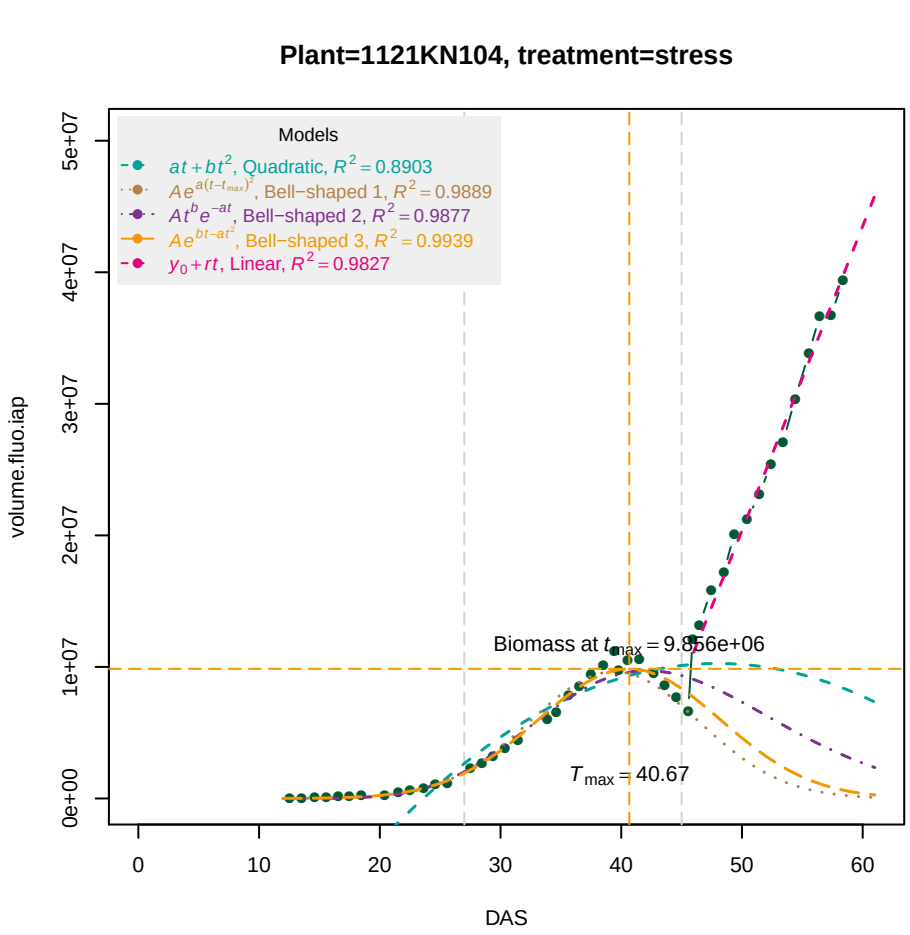

Genotype=Franken, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8100$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9322$
At^be^{-at}, Bell−shaped 2, $R^2=0.9365$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9456$
y_0+rt, Linear, $R^2=0.9165$
Biomass at t_{max} = 1.016e+07
T_{max} = 39.16
Plants of "Franken"
1121KN100
1121KN101
1121KN102
1121KN103
1121KN104
1121KN105
1121KN106
1121KN107
1121KN108
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

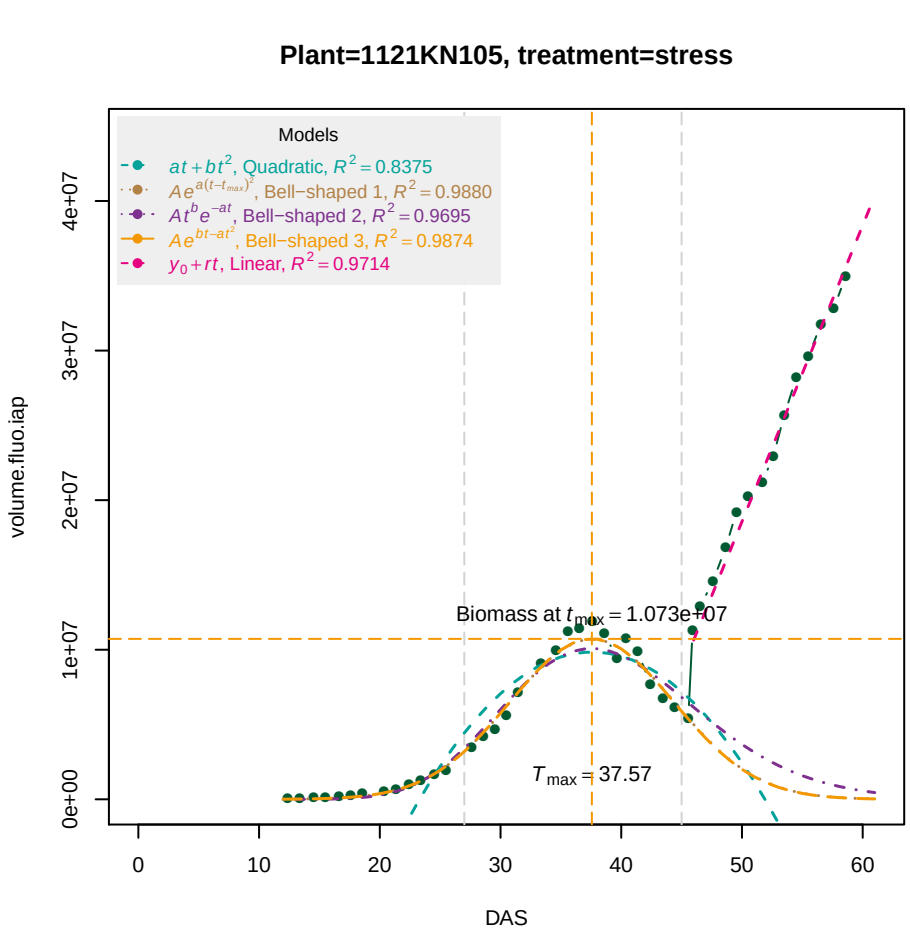

Plant=1121KN100, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8424$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9858$
At^be^{-at}, Bell−shaped 2, $R^2=0.9769$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9903$
y_0+rt, Linear, $R^2=0.9612$
Biomass at t_{max} = 1.025e+07
T_{max} = 38.52
volume.fluo.iap
DAS

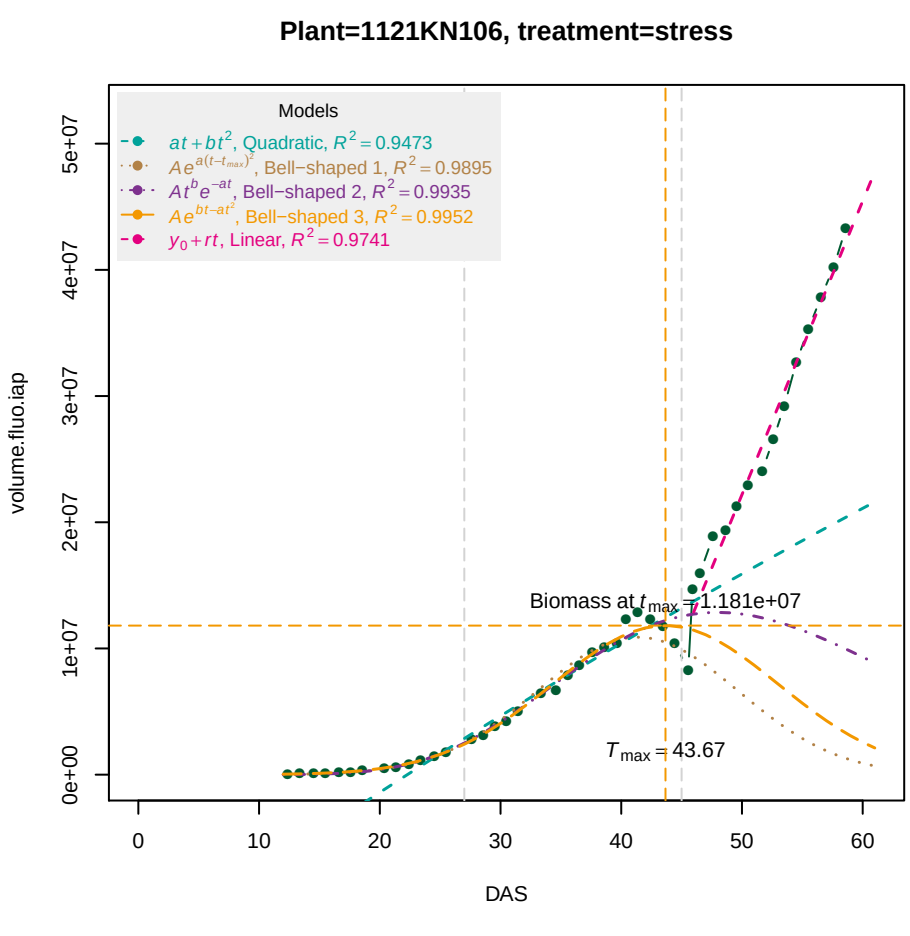

Plant=1121KN101, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8524$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9892$
At^be^{-at}, Bell−shaped 2, $R^2=0.9803$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9926$
y_0+rt, Linear, $R^2=0.9757$
Biomass at t_{max} = 9.526e+06
T_{max} = 38.62
volume.fluo.iap
DAS

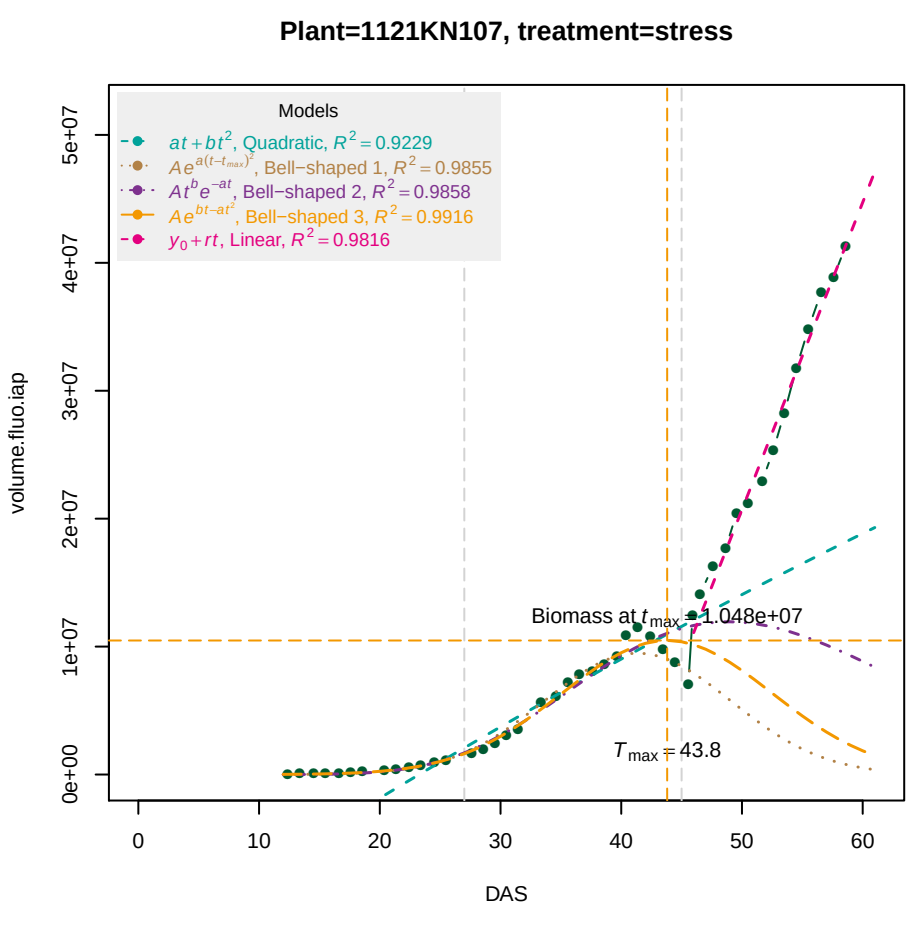

Plant=1121KN102, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8297$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9886$
At^be^{-at}, Bell−shaped 2, $R^2=0.9794$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9922$
y_0+rt, Linear, $R^2=0.9859$
Biomass at t_{max} = 9.914e+06
T_{max} = 38.61
volume.fluo.iap
DAS

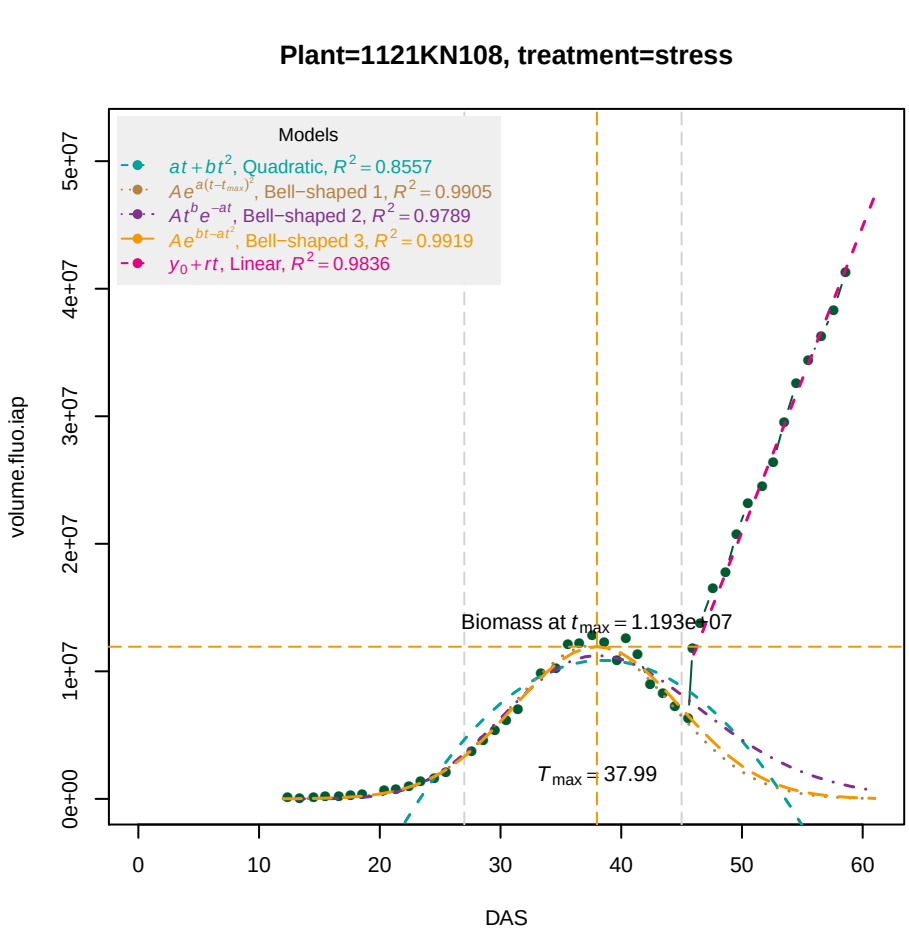

Plant=1121KN103, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8501$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9912$
At^be^{-at}, Bell−shaped 2, $R^2=0.9768$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9910$
y_0+rt, Linear, $R^2=0.9793$
Biomass at t_{max} = 1.126e+07
T_{max} = 37.37
volume.fluo.iap
DAS

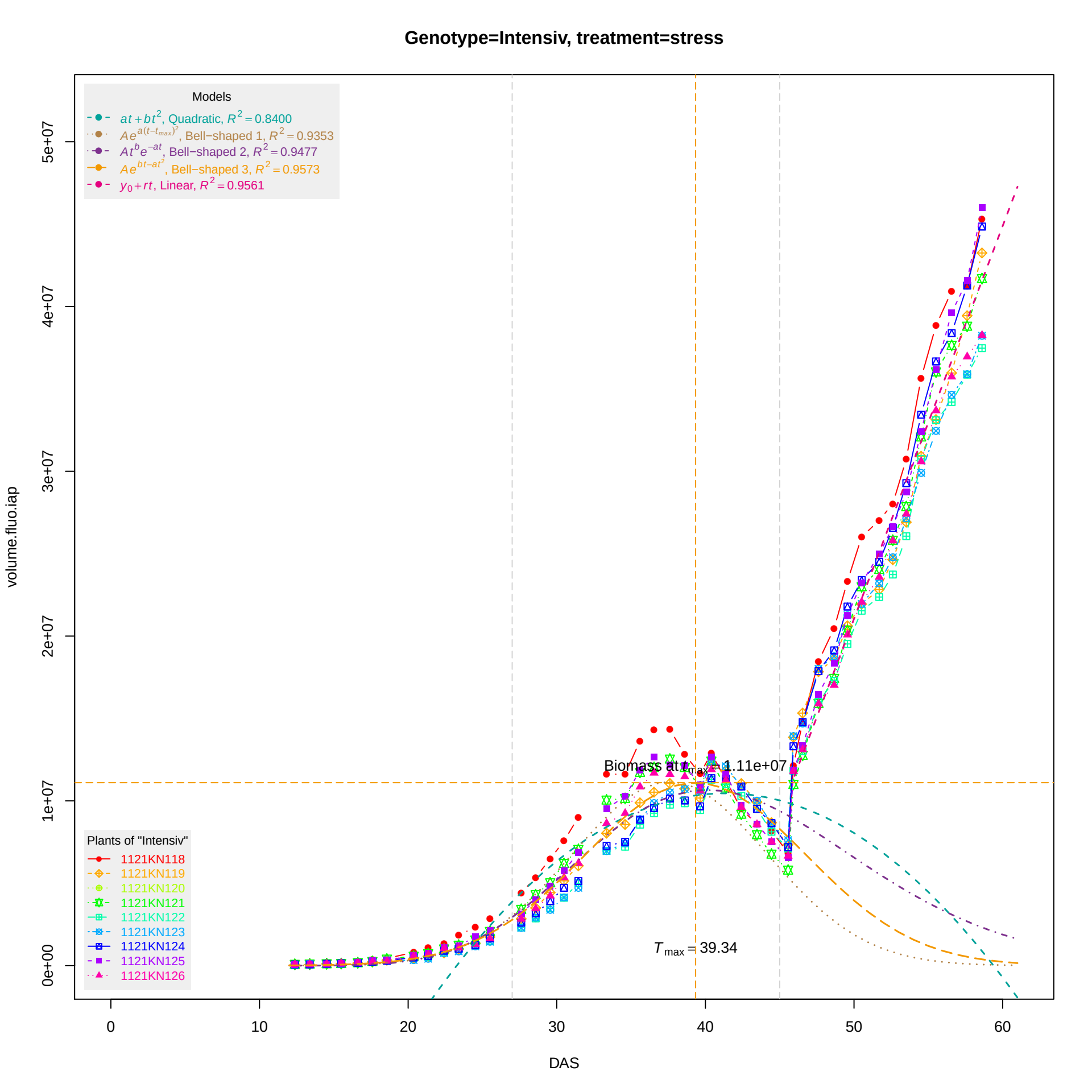

Plant=1121KN104, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8903$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9889$
At^be^{-at}, Bell−shaped 2, $R^2=0.9877$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9939$
y_0+rt, Linear, $R^2=0.9827$
Biomass at t_{max} = 9.856e+06
T_{max} = 40.67
volume.fluo.iap
DAS


Plant=1121KN105, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8375$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9880$
At^be^{-at}, Bell−shaped 2, $R^2=0.9695$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9874$
y_0+rt, Linear, $R^2=0.9714$
Biomass at t_{max} = 1.073e+07
T_{max} = 37.57
volume.fluo.iap
DAS

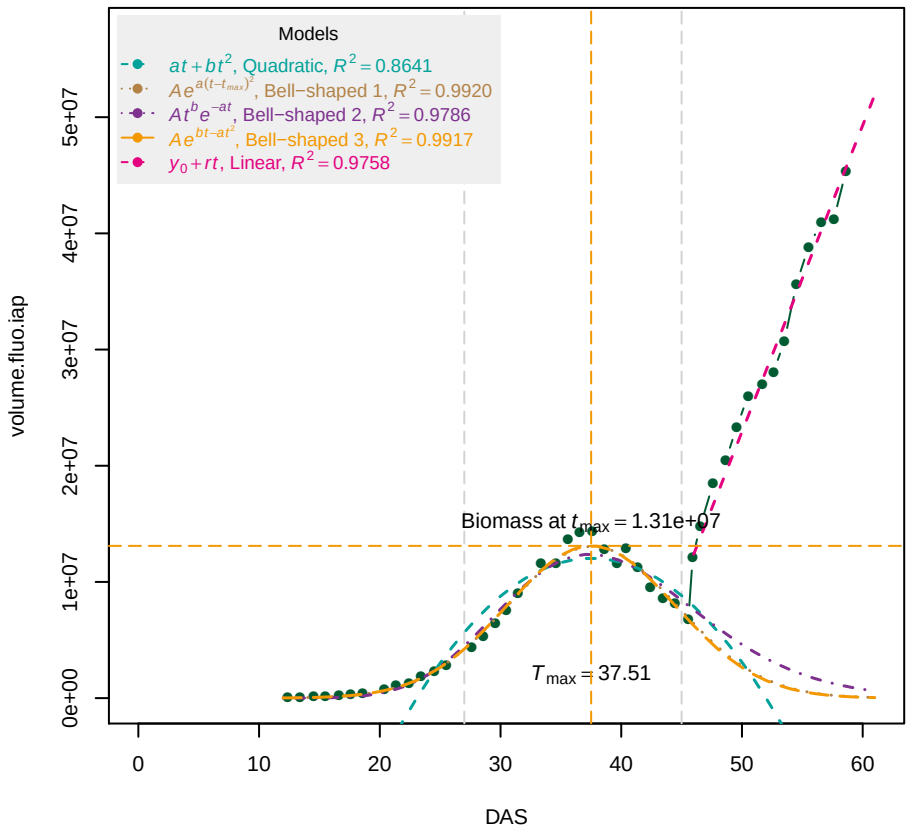

Plant=1121KN106, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9473$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9895$
At^be^{-at}, Bell−shaped 2, $R^2=0.9935$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9952$
y_0+rt, Linear, $R^2=0.9741$
Biomass at t_{max} = 1.181e+07
T_{max} = 43.67
volume.fluo.iap
DAS


Plant=1121KN107, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9229$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9855$
At^be^{-at}, Bell−shaped 2, $R^2=0.9858$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9916$
y_0+rt, Linear, $R^2=0.9816$
Biomass at t_{max} = 1.048e+07
T_{max} = 43.8
volume.fluo.iap
DAS

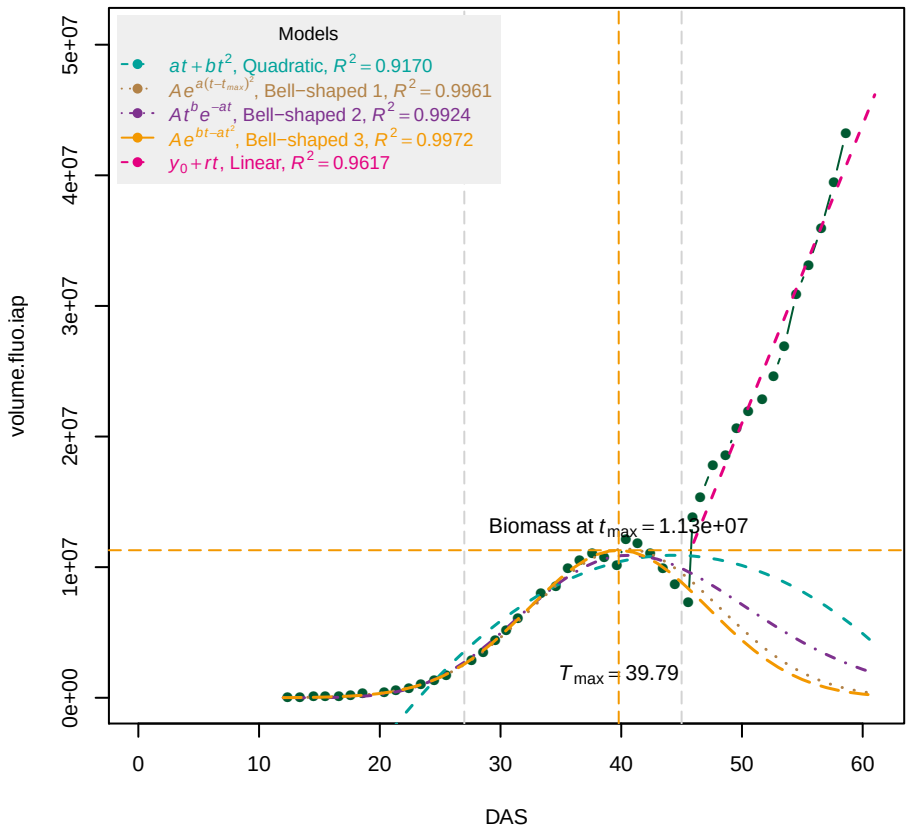

Plant=1121KN108, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8557$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9905$
At^be^{-at}, Bell−shaped 2, $R^2=0.9789$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9919$
y_0+rt, Linear, $R^2=0.9836$
Biomass at $t_{max}=1.193e+07$
$T_{max}=37.99$
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS


Genotype=Intensiv, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8400$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9353$
At^be^{-at}, Bell−shaped 2, $R^2=0.9477$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9573$
y_0+rt, Linear, $R^2=0.9561$
Plants of "Intensiv"
1121KN118
1121KN119
1121KN120
1121KN121
1121KN122
1121KN123
1121KN124
1121KN125
1121KN126
Biomass at T_{max} = 1.11e+07
T_{max} = 39.34
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

Plant=1121KN118, treatment=stress



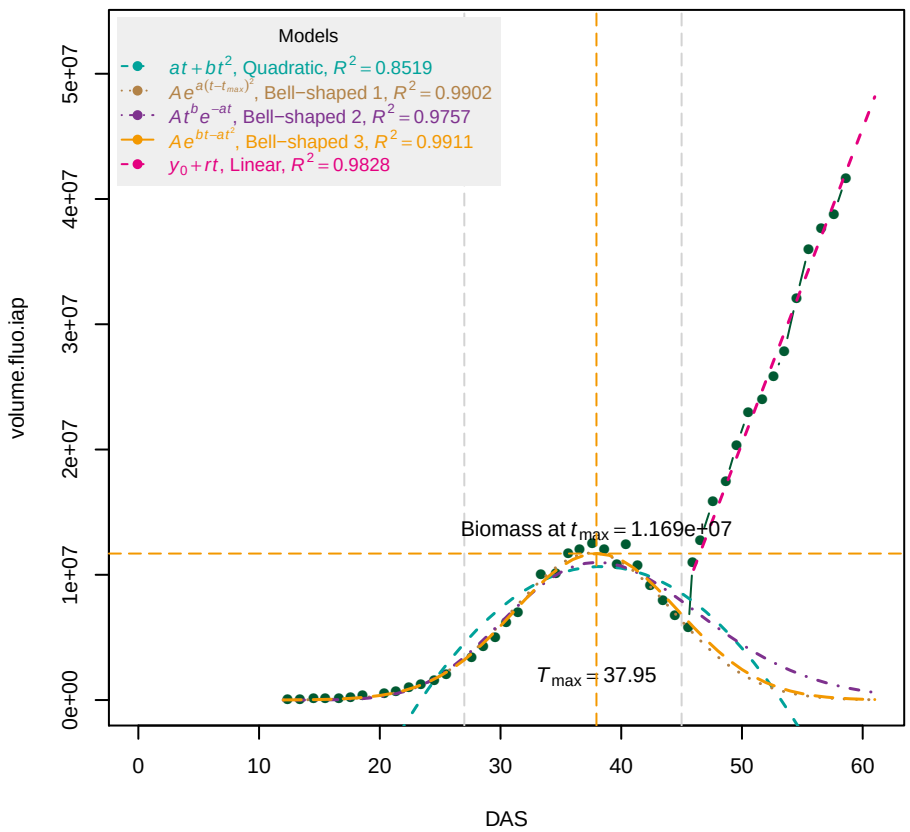
Plant=1121KN119, treatment=stress

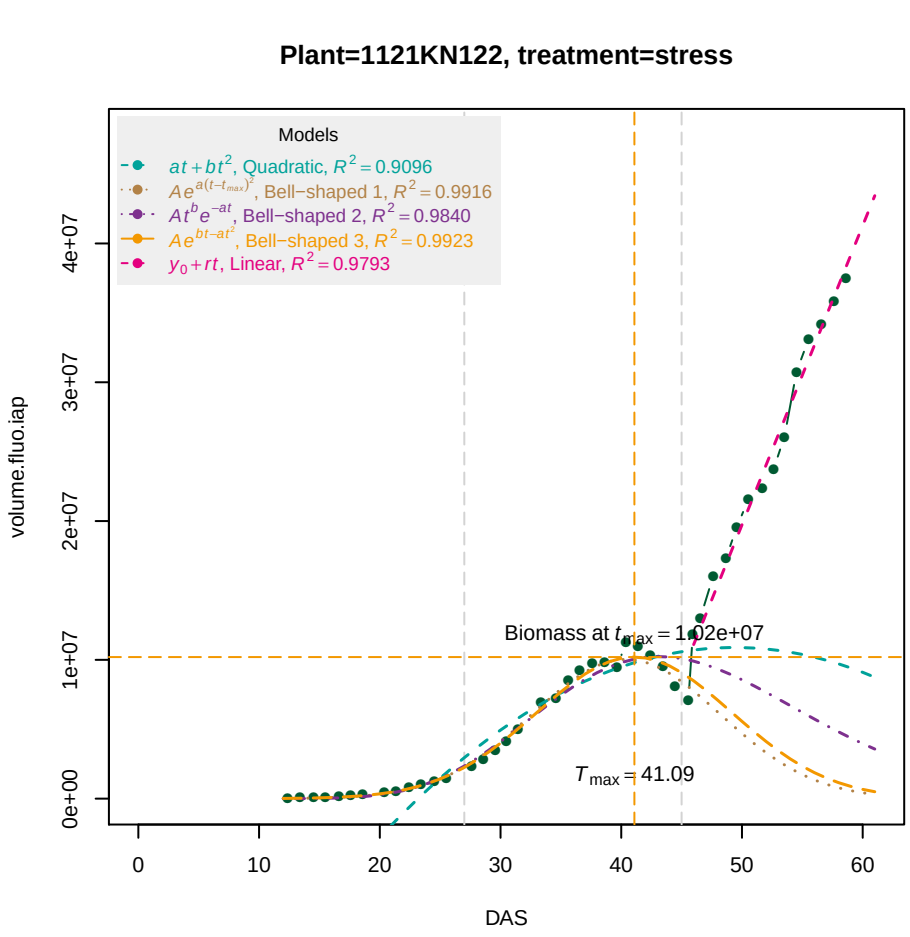


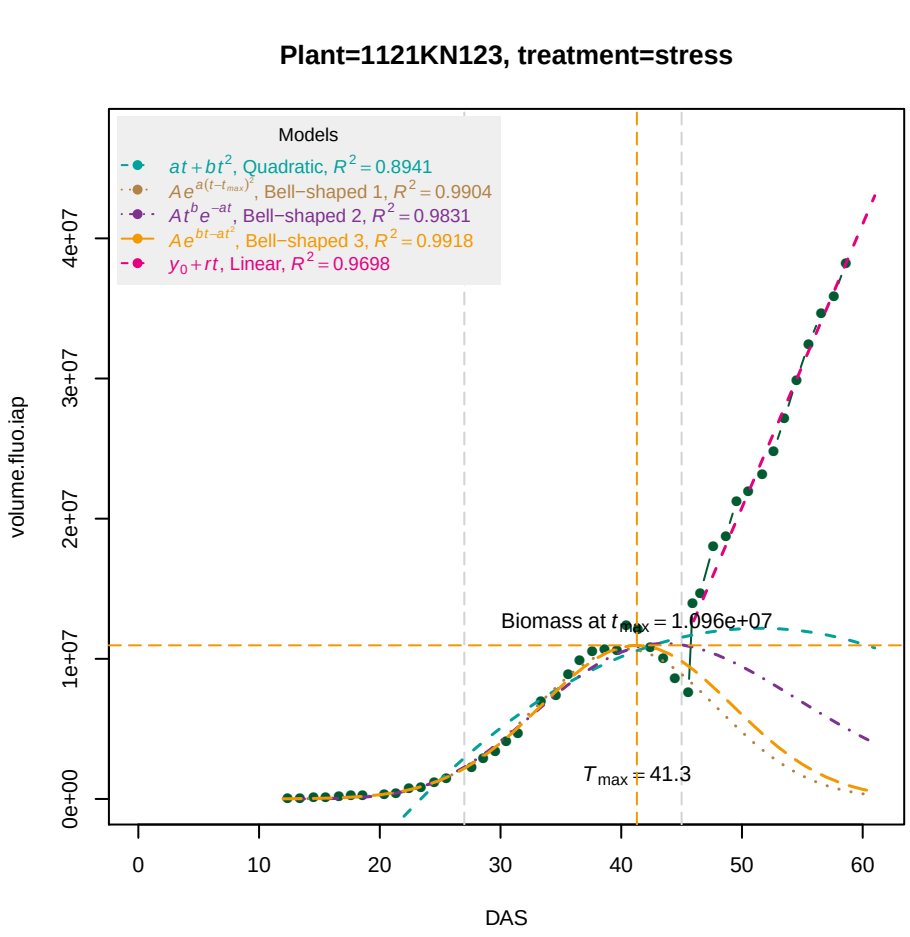
1121KN120

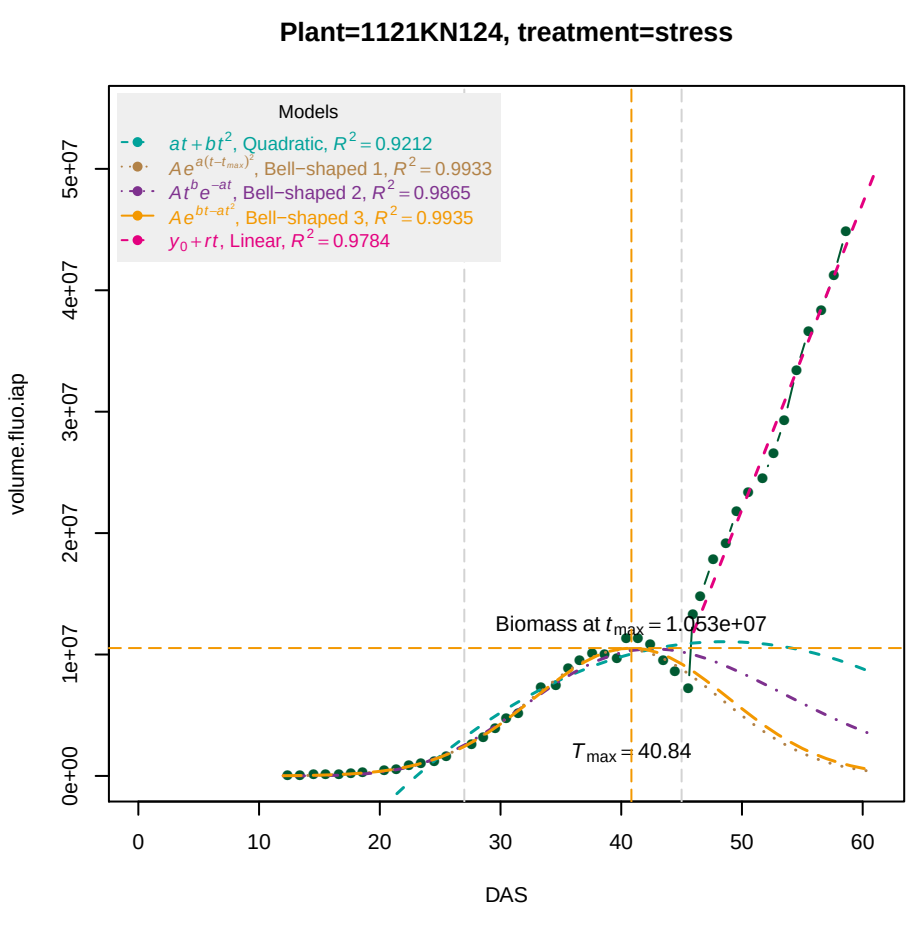
No data for modeling plant "1121KN120"

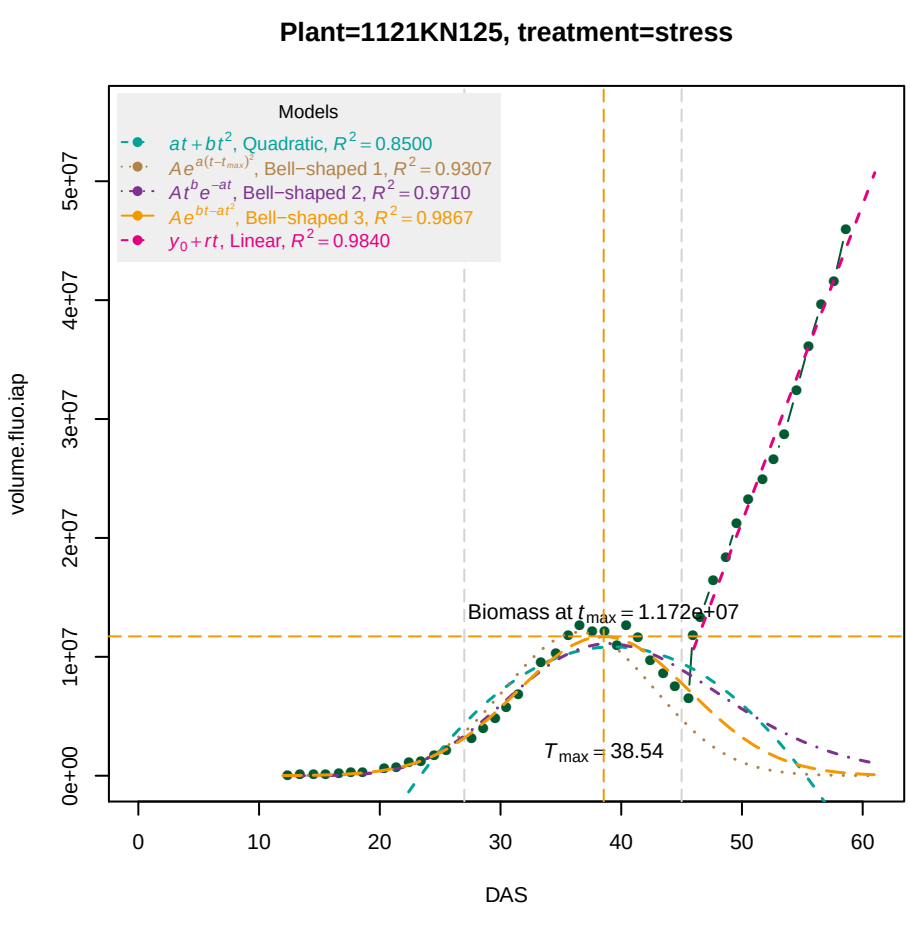
Plant=1121KN121, treatment=stress

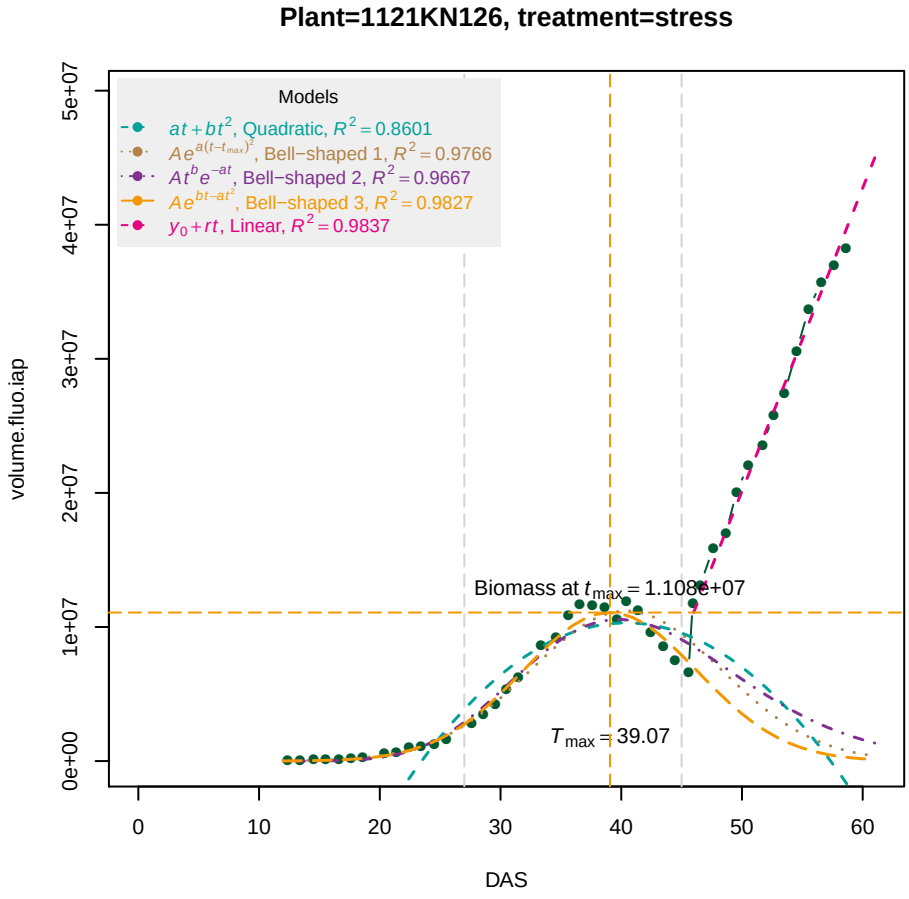


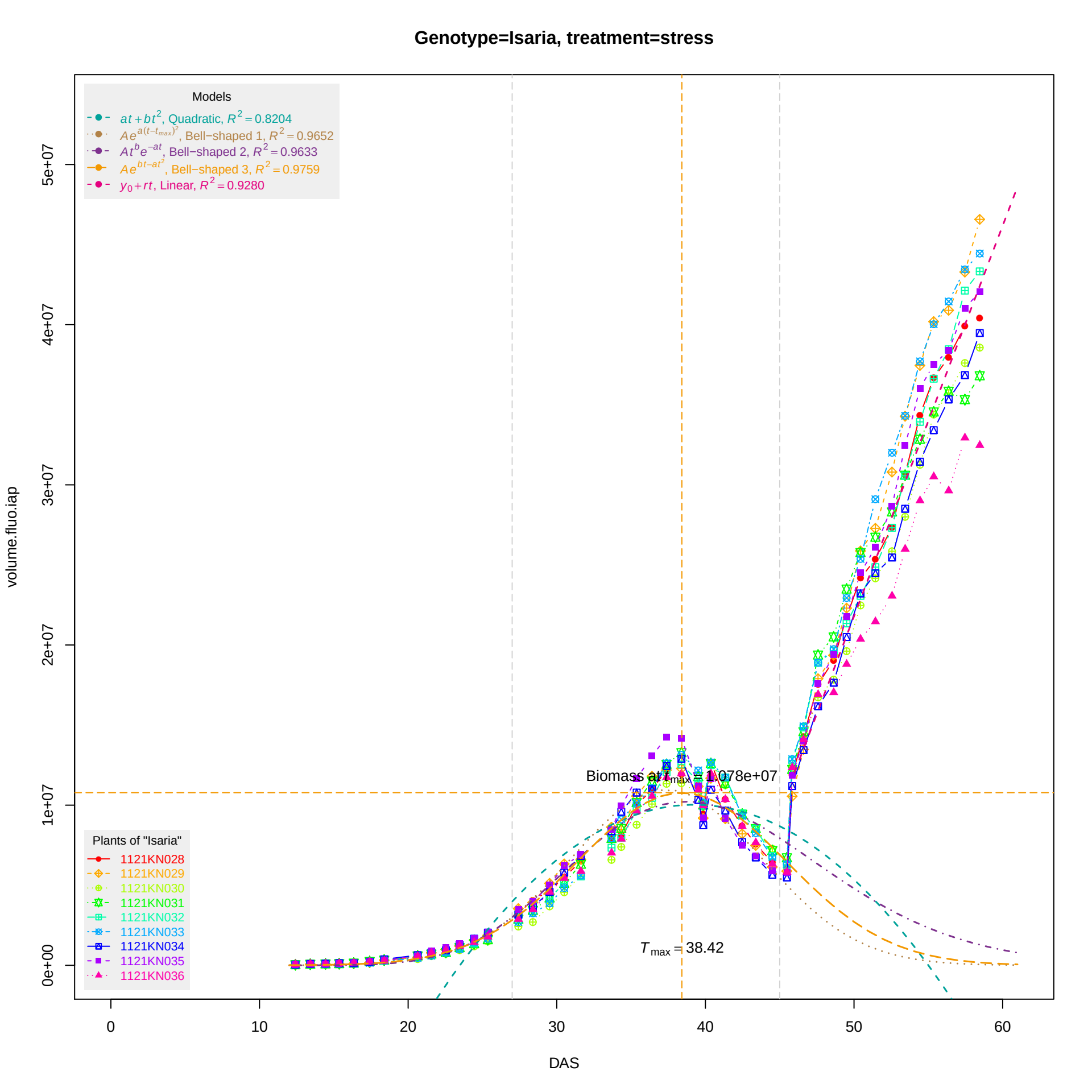

Plant=1121KN122, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9096$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9916$
At^be^{-at}, Bell−shaped 2, $R^2=0.9840$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9923$
y_0+rt, Linear, $R^2=0.9793$
Biomass at t_{max} = 1.02e+07
T_{max} = 41.09
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

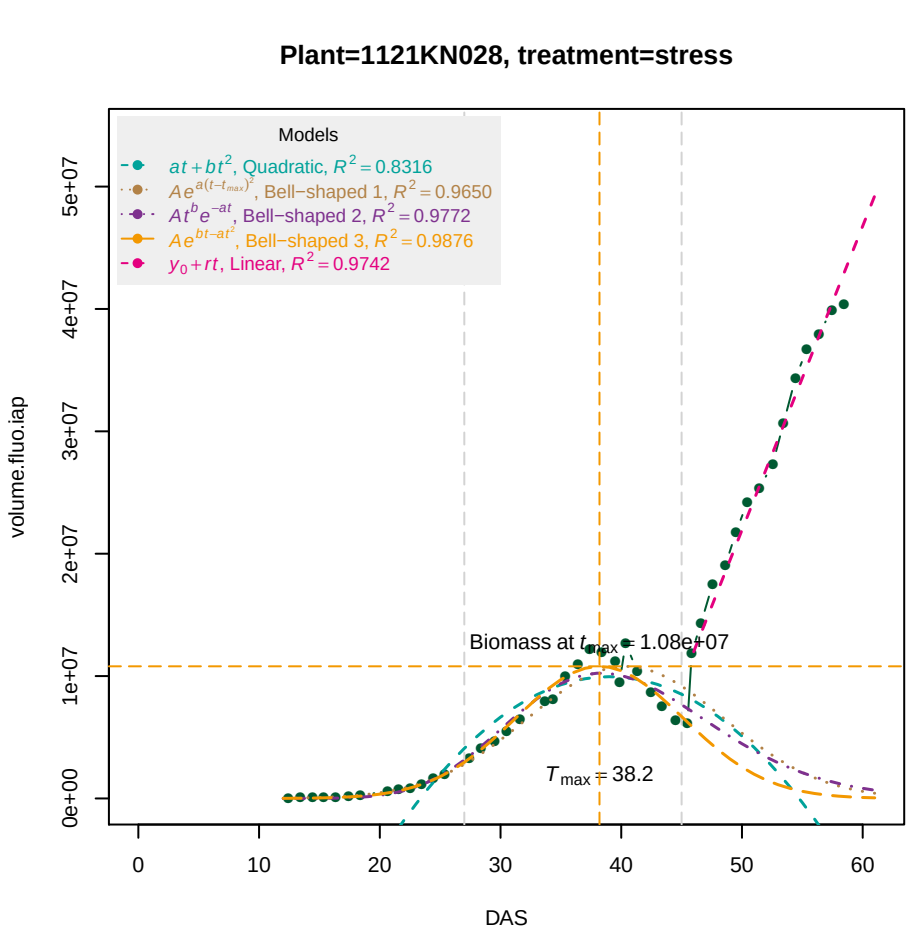

Plant=1121KN123, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8941$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9904$
At^be^{-at}, Bell−shaped 2, $R^2=0.9831$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9918$
y_0+rt, Linear, $R^2=0.9698$
Biomass at t_{max} = 1.096e+07
T_{max} = 41.3
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

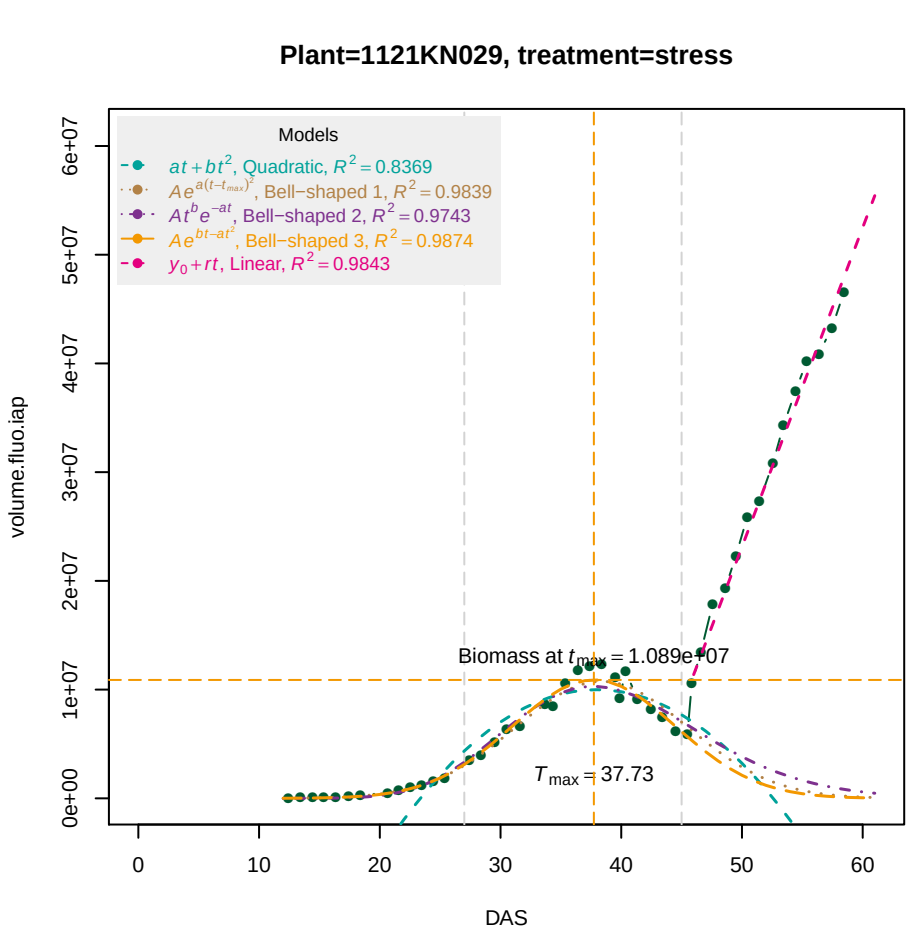

Plant=1121KN124, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9212$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9933$
At^be^{-at}, Bell−shaped 2, $R^2=0.9865$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9935$
y_0+rt, Linear, $R^2=0.9784$
Biomass at t_{max} = 1.053e+07
T_{max} = 40.84
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

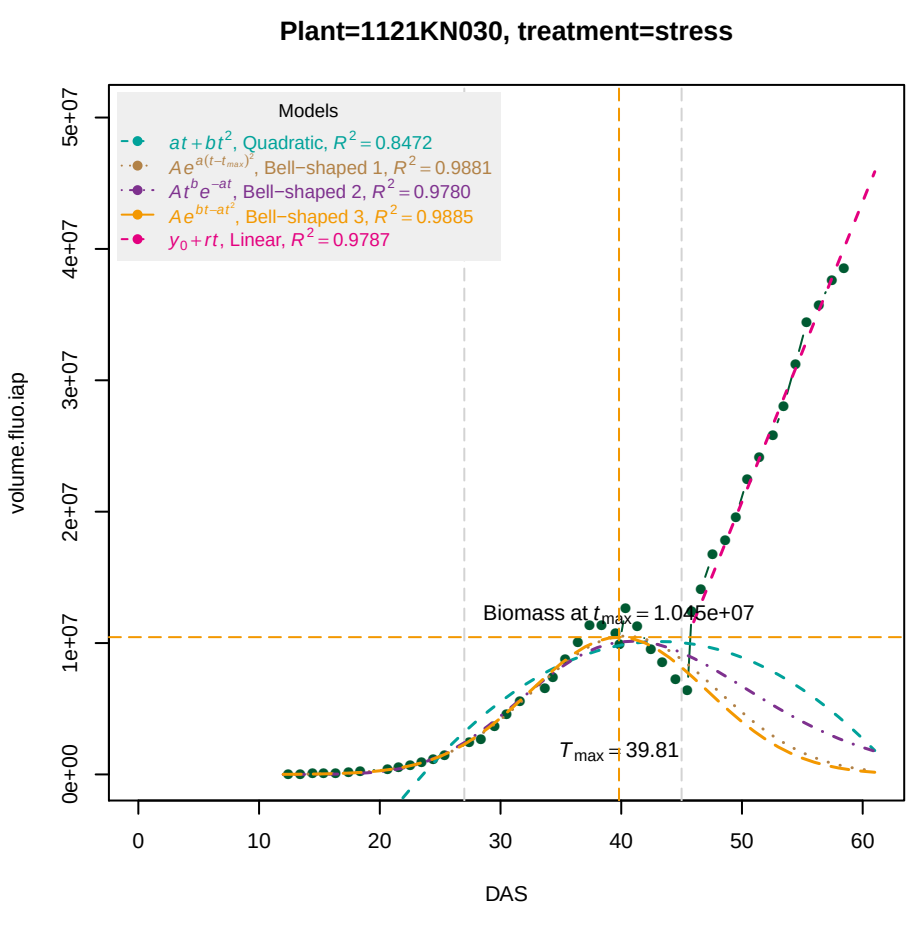

Plant=1121KN125, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8500$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9307$
At^be^{-at}, Bell−shaped 2, $R^2=0.9710$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9867$
y_0+rt, Linear, $R^2=0.9840$
Biomass at t_{max} = 1.172e+07
T_{max} = 38.54
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

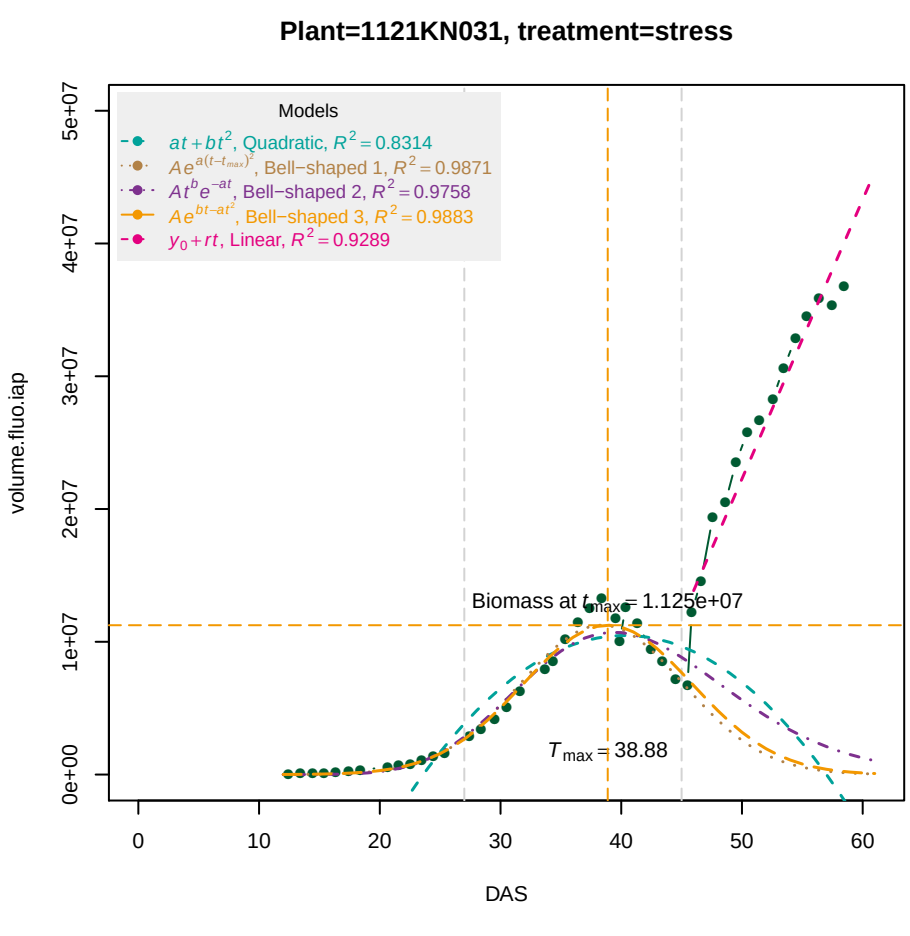

Plant=1121KN126, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8601$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9766$
At^be^{-at}, Bell−shaped 2, $R^2=0.9667$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9827$
y_0+rt, Linear, $R^2=0.9837$
Biomass at t_{max} = 1.108e+07
T_{max} = 39.07
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

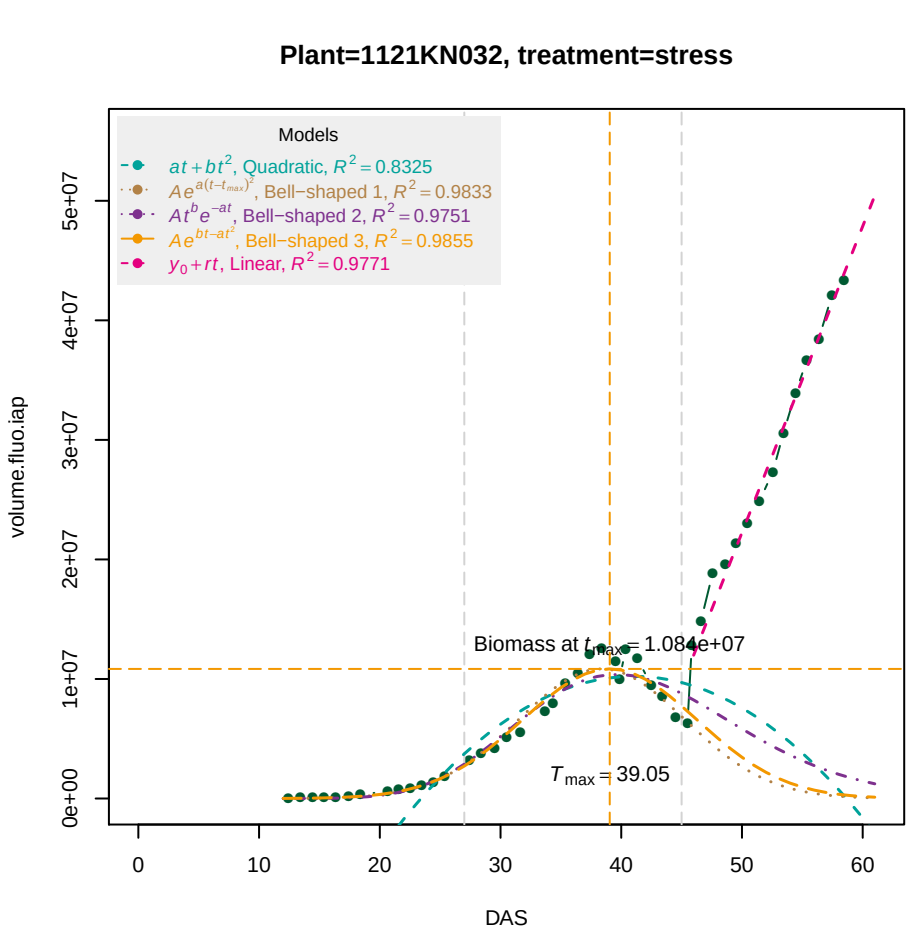

Genotype=Isaria, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8204$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9652$
At^be^{-at}, Bell−shaped 2, $R^2=0.9633$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9759$
y_0+rt, Linear, $R^2=0.9280$
Plants of "Isaria"
1121KN028
1121KN029
1121KN030
1121KN031
1121KN032
1121KN033
1121KN034
1121KN035
1121KN036
Biomass at t_{max} = 1.078e+07
T_{max} = 38.42
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

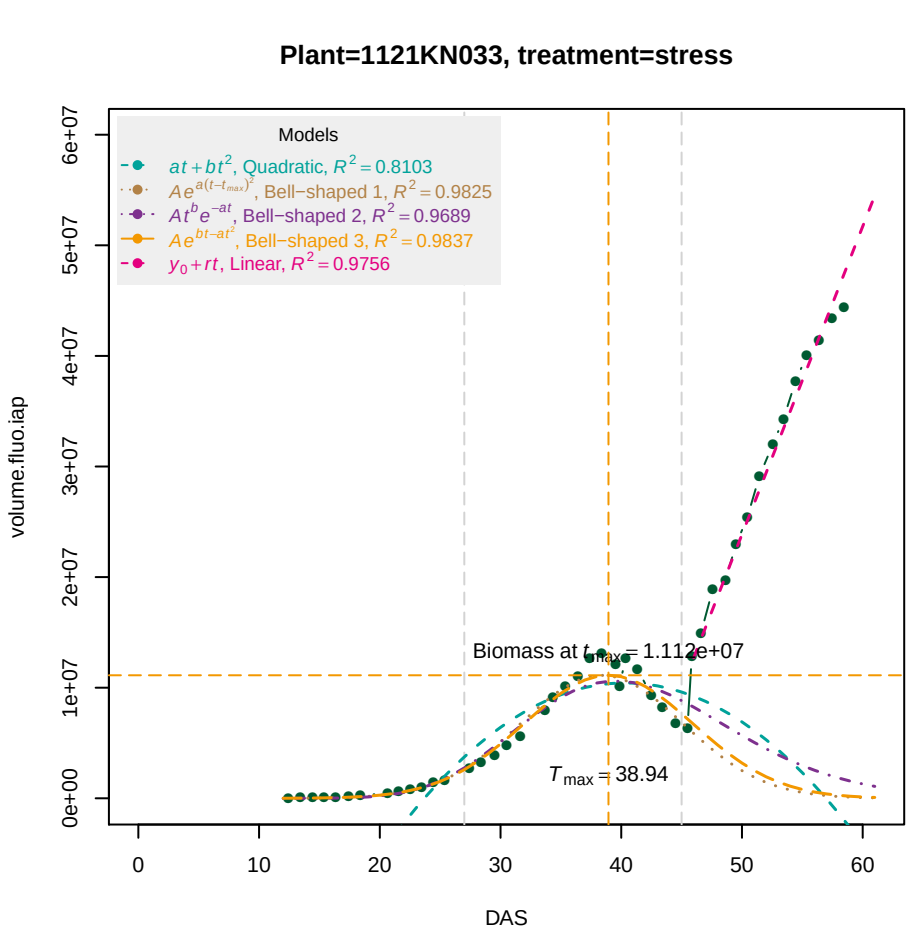

Plant=1121KN028, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8316$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9650$
At^be^{-at}, Bell−shaped 2, $R^2=0.9772$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9876$
y_0+rt, Linear, $R^2=0.9742$
Biomass at t_{max} = 1.08e+07
T_{max} = 38.2
volume.fluo.iap
DAS

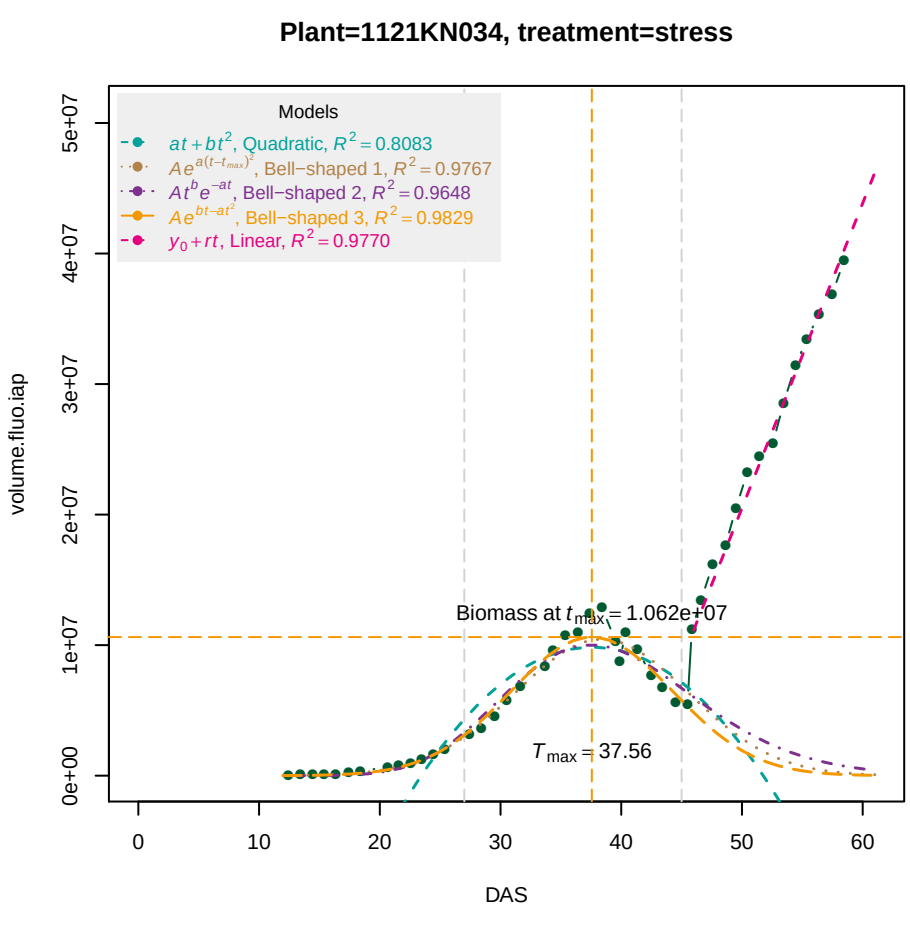

Plant=1121KN029, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8369$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9839$
At^be^{-at}, Bell−shaped 2, $R^2=0.9743$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9874$
y_0+rt, Linear, $R^2=0.9843$
Biomass at t_{max} = 1.089e+07
T_{max} = 37.73
volume.fluo.iap
DAS

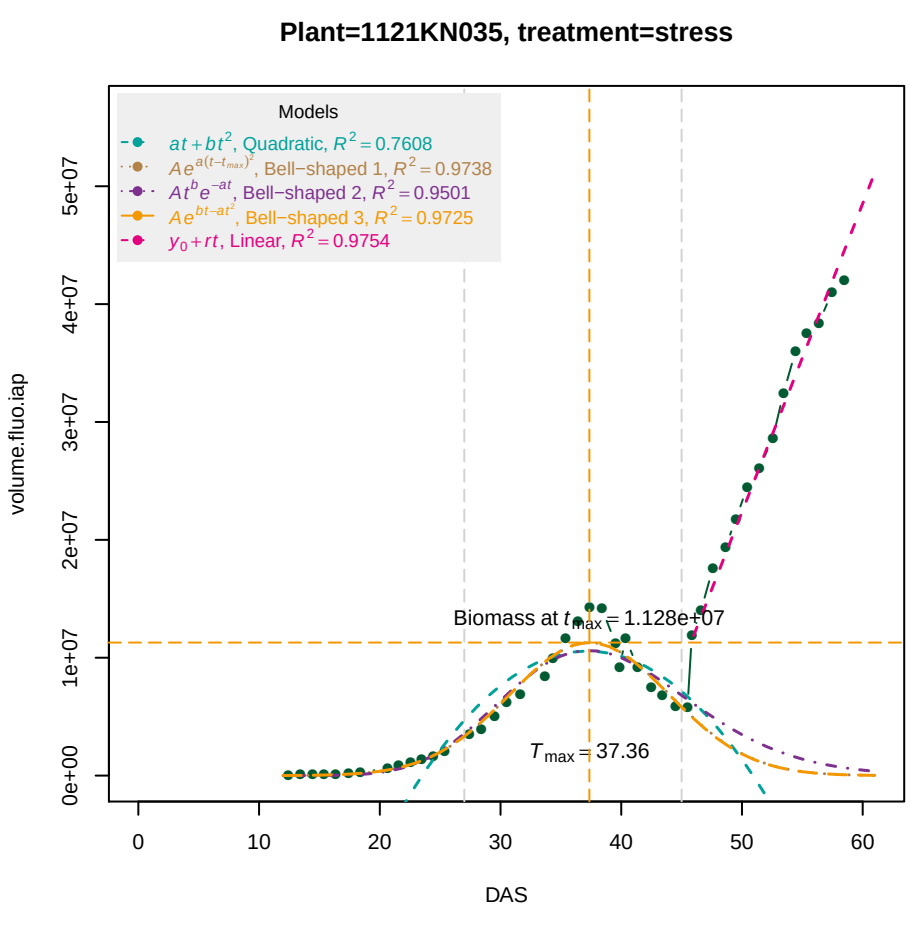

Plant=1121KN030, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8472$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9881$
At^be^{-at}, Bell−shaped 2, $R^2=0.9780$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9885$
y_0+rt, Linear, $R^2=0.9787$
Biomass at t_{max} = 1.045e+07
T_{max} = 39.81
volume.fluo.iap
DAS

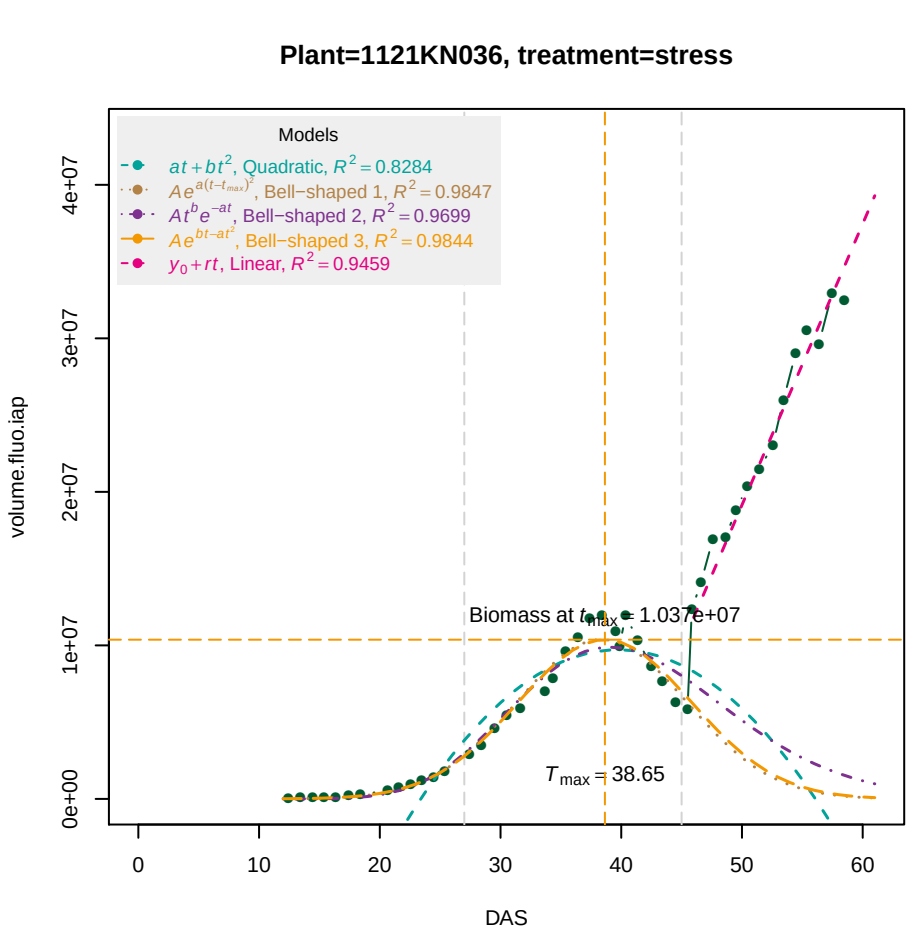

Plant=1121KN031, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8314$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9871$
At^be^{-at}, Bell−shaped 2, $R^2=0.9758$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9883$
y_0+rt, Linear, $R^2=0.9289$
Biomass at t_{max} = 1.125e+07
T_{max} = 38.88
volume.fluo.iap
DAS

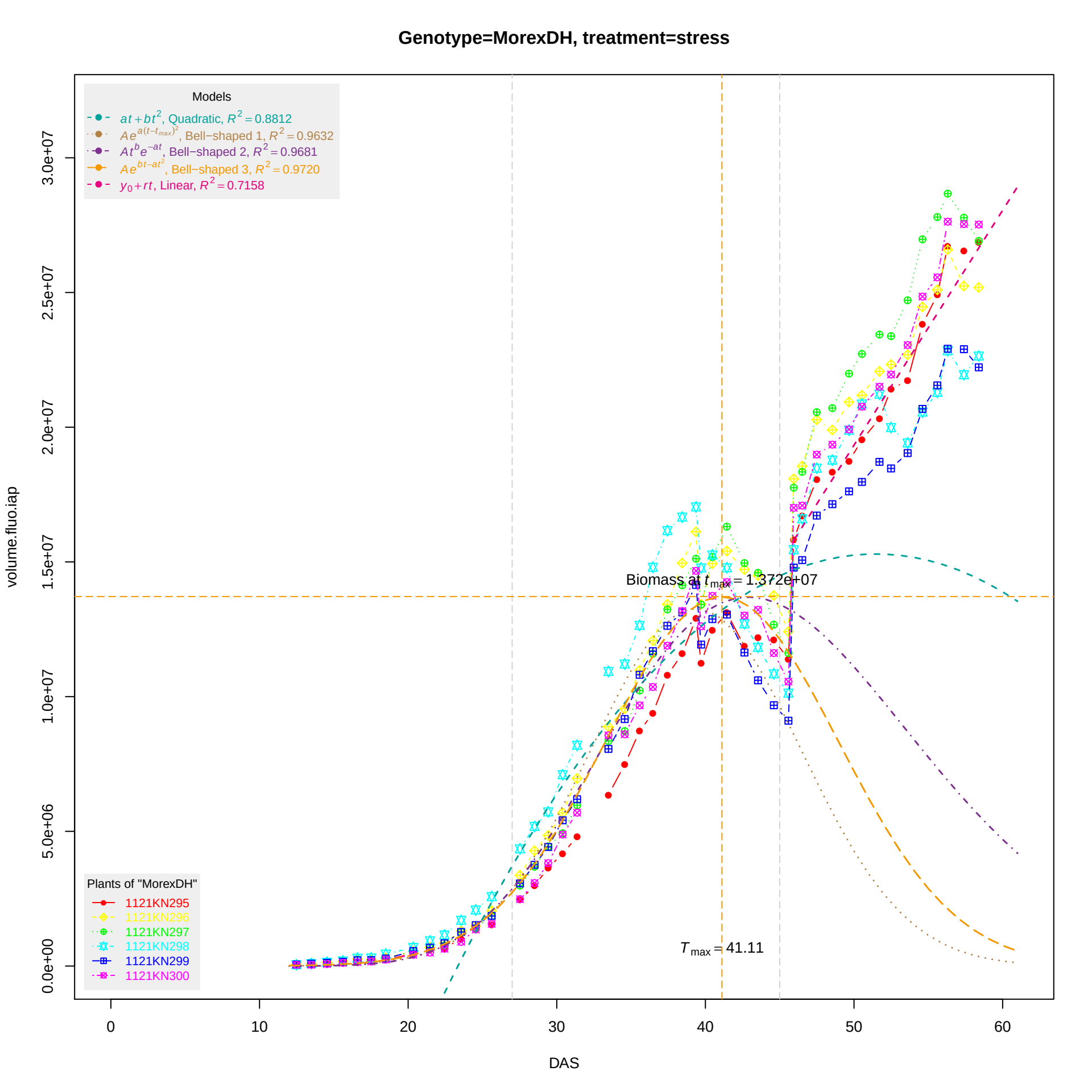

Plant=1121KN032, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8325$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9833$
At^be^{-at}, Bell−shaped 2, $R^2=0.9751$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9855$
y_0+rt, Linear, $R^2=0.9771$
Biomass at t_{max} = 1.084e+07
T_{max} = 39.05
volume.fluo.iap
DAS

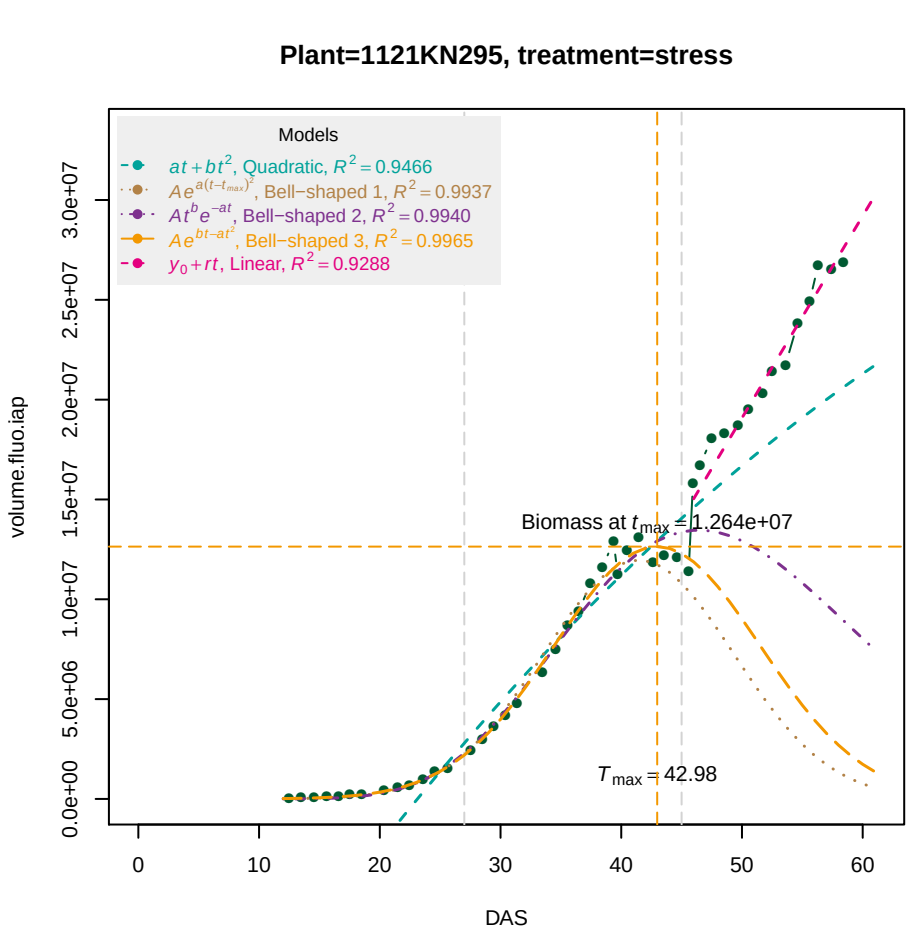

Plant=1121KN033, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8103$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9825$
At^be^{-at}, Bell−shaped 2, $R^2=0.9689$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9837$
y_0+rt, Linear, $R^2=0.9756$
Biomass at t_{max} = 1.112e+07
T_{max} = 38.94
volume.fluo.iap
DAS

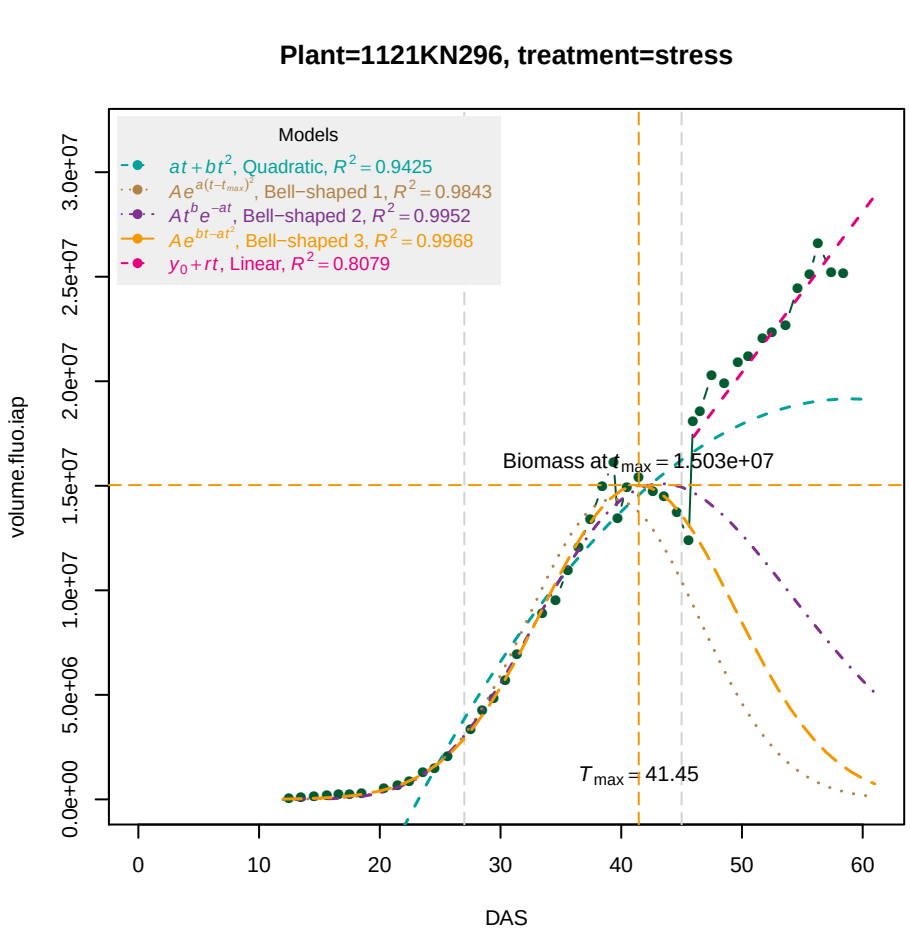

Plant=1121KN034, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8083$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9767$
At^be^{-at}, Bell−shaped 2, $R^2=0.9648$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9829$
y_0+rt, Linear, $R^2=0.9770$
Biomass at t_{max} = 1.062e+07
T_{max} = 37.56
volume.fluo.iap
DAS

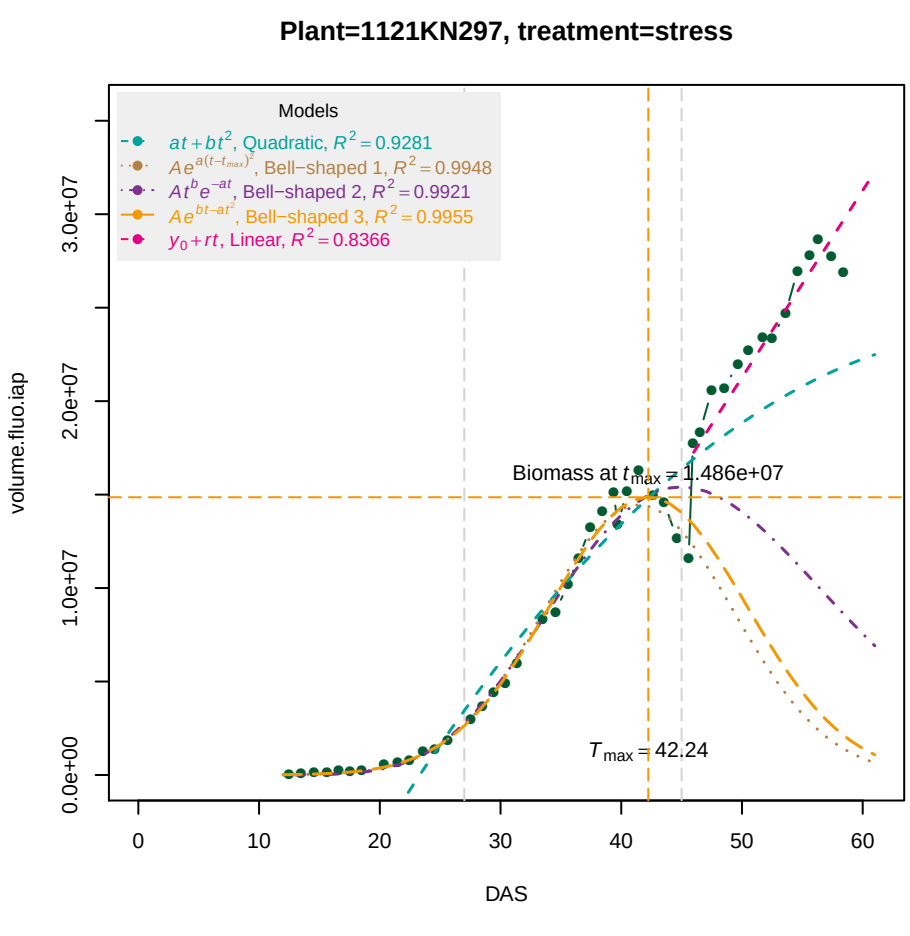

Plant=1121KN035, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.7608$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9738$
At^be^{-at}, Bell−shaped 2, $R^2=0.9501$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9725$
y_0+rt, Linear, $R^2=0.9754$
Biomass at t_{max} = 1.128e+07
T_{max} = 37.36
volume.fluo.iap
DAS

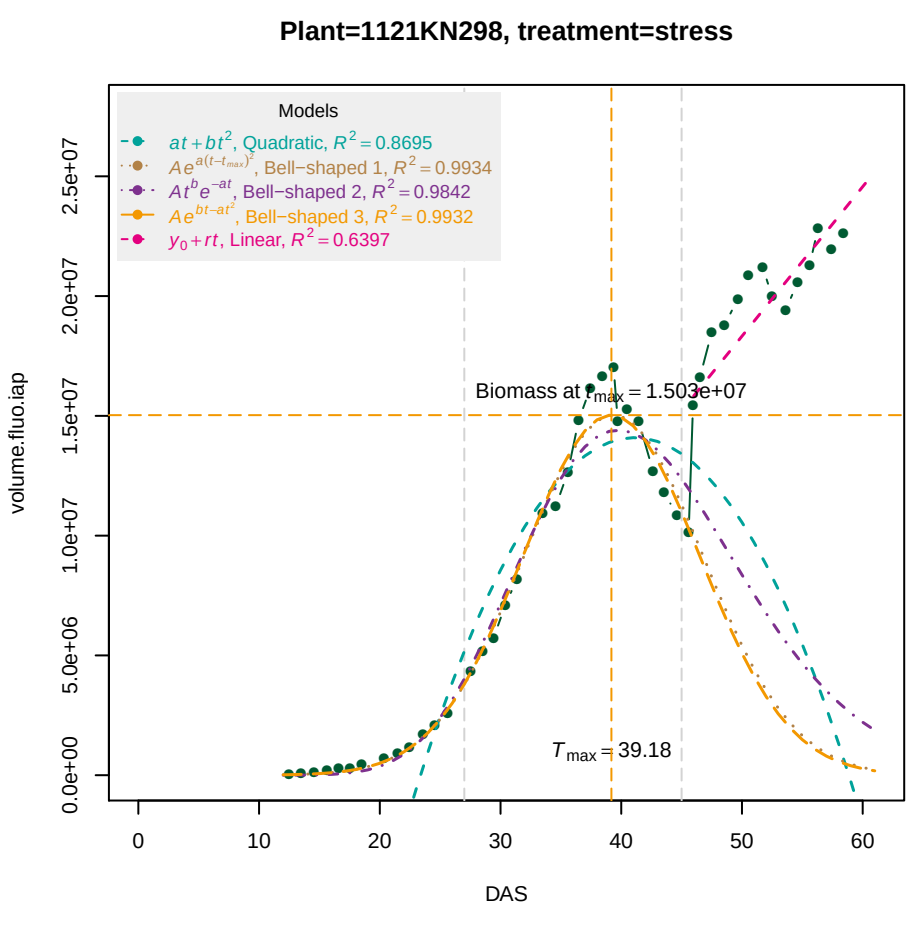

Plant=1121KN036, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8284$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9847$
At^be^{-at}, Bell−shaped 2, $R^2=0.9699$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9844$
y_0+rt, Linear, $R^2=0.9459$
Biomass at t_{max} = 1.037e+07
T_{max} = 38.65
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

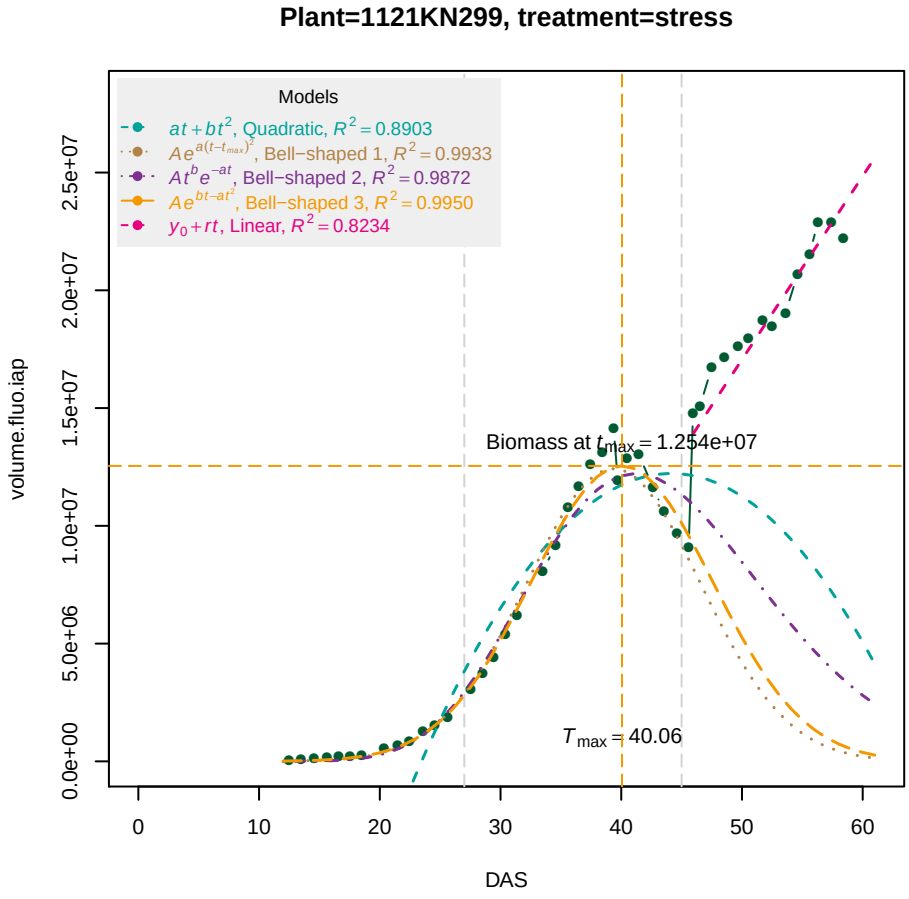

Genotype=MorexDH, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8812$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9632$
At^be^{-at}, Bell−shaped 2, $R^2=0.9681$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9720$
y_0+rt, Linear, $R^2=0.7158$
Biomass at $t_{max}=1.372e+07$
$T_{max}=41.11$
Plants of "MorexDH"
1121KN295
1121KN296
1121KN297
1121KN298
1121KN299
1121KN300
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
3.0e+07
0
10
20
30
40
50
60
DAS

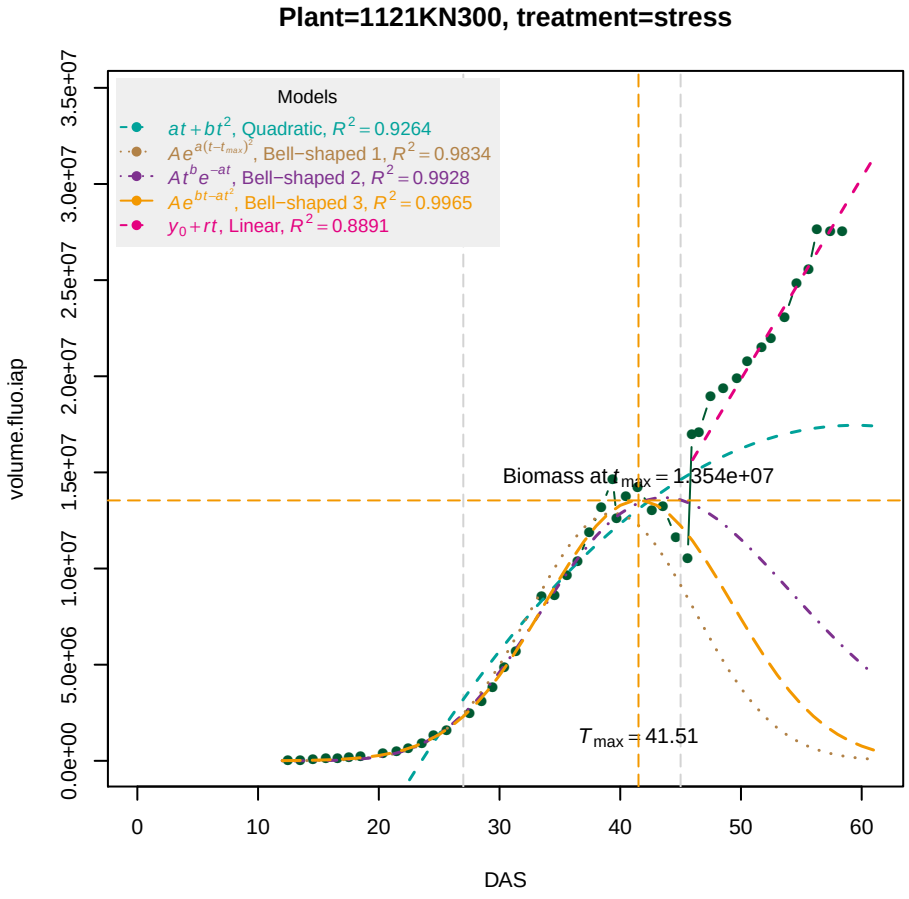

Plant=1121KN295, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9466$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9937$
At^be^{-at}, Bell−shaped 2, $R^2=0.9940$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9965$
y_0+rt, Linear, $R^2=0.9288$
Biomass at t_{max} = 1.264e+07
T_{max} = 42.98
volume.fluo.iap
DAS

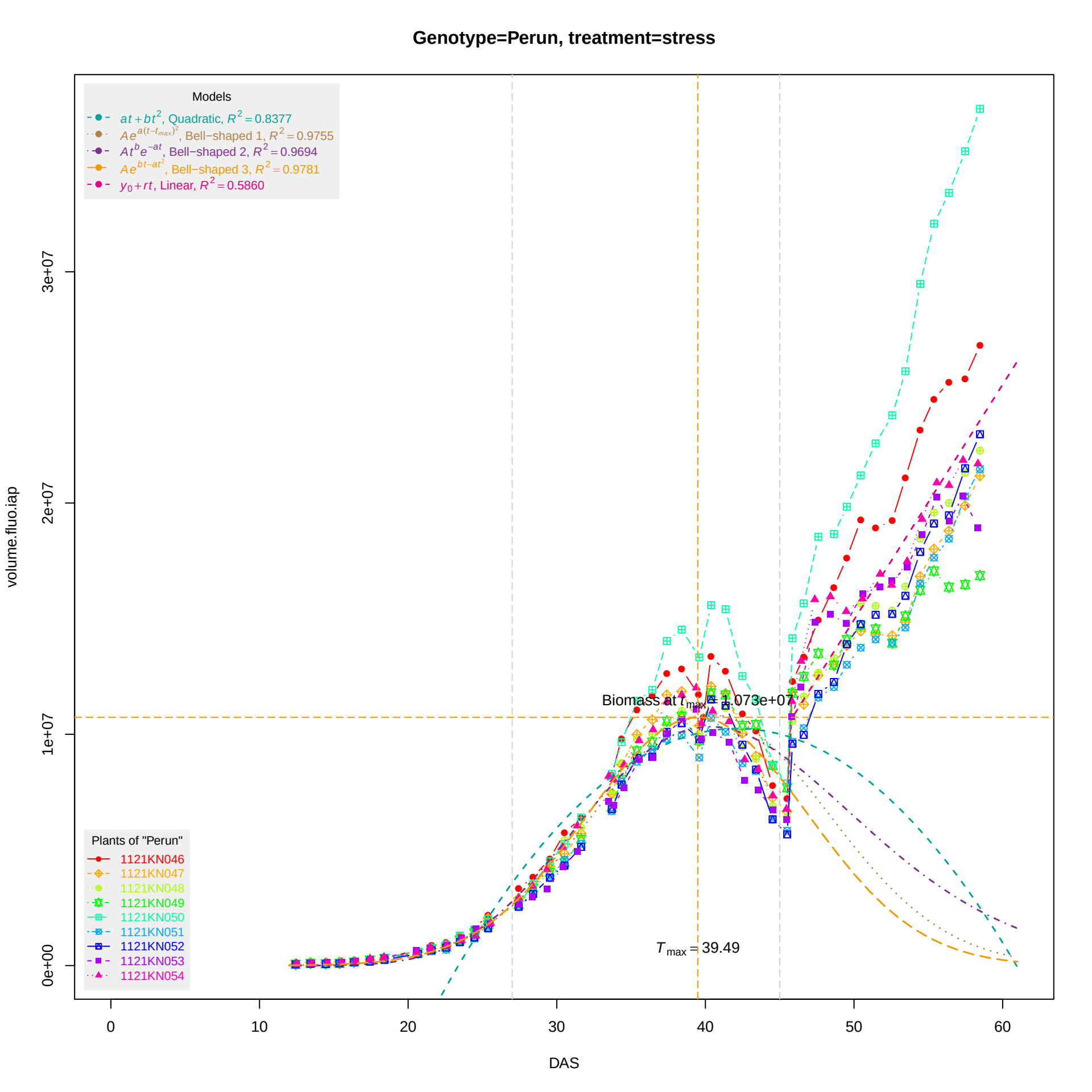

Plant=1121KN296, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9425$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9843$
At^be^{-at}, Bell−shaped 2, $R^2=0.9952$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9968$
y_0+rt, Linear, $R^2=0.8079$
Biomass at t_{max} = 1.503e+07
T_{max} = 41.45
volume.fluo.iap
DAS

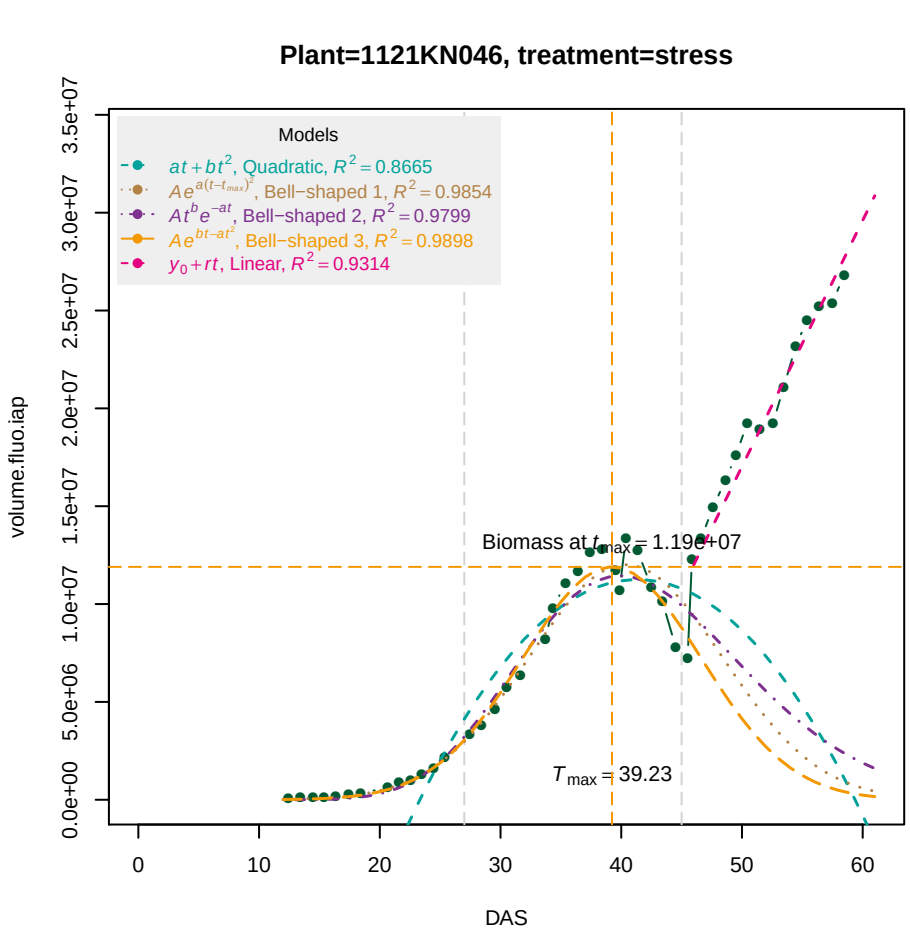

Plant=1121KN297, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9281$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9948$
At^be^{-at}, Bell−shaped 2, $R^2=0.9921$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9955$
y_0+rt, Linear, $R^2=0.8366$
Biomass at t_{max} = 1.486e+07
T_{max} = 42.24
volume.fluo.iap
DAS

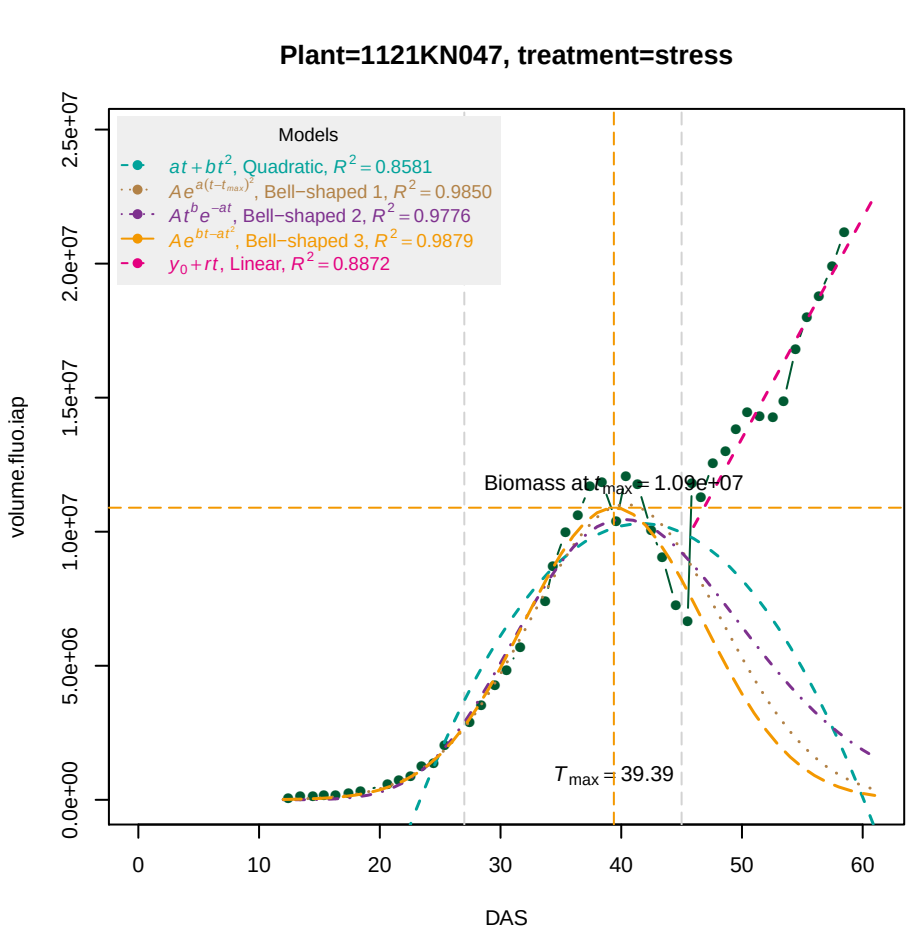

Plant=1121KN298, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8695$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9934$
At^be^{-at}, Bell−shaped 2, $R^2=0.9842$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9932$
y_0+rt, Linear, $R^2=0.6397$
Biomass at t_{max} = 1.503e+07
T_{max} = 39.18
volume.fluo.iap
DAS

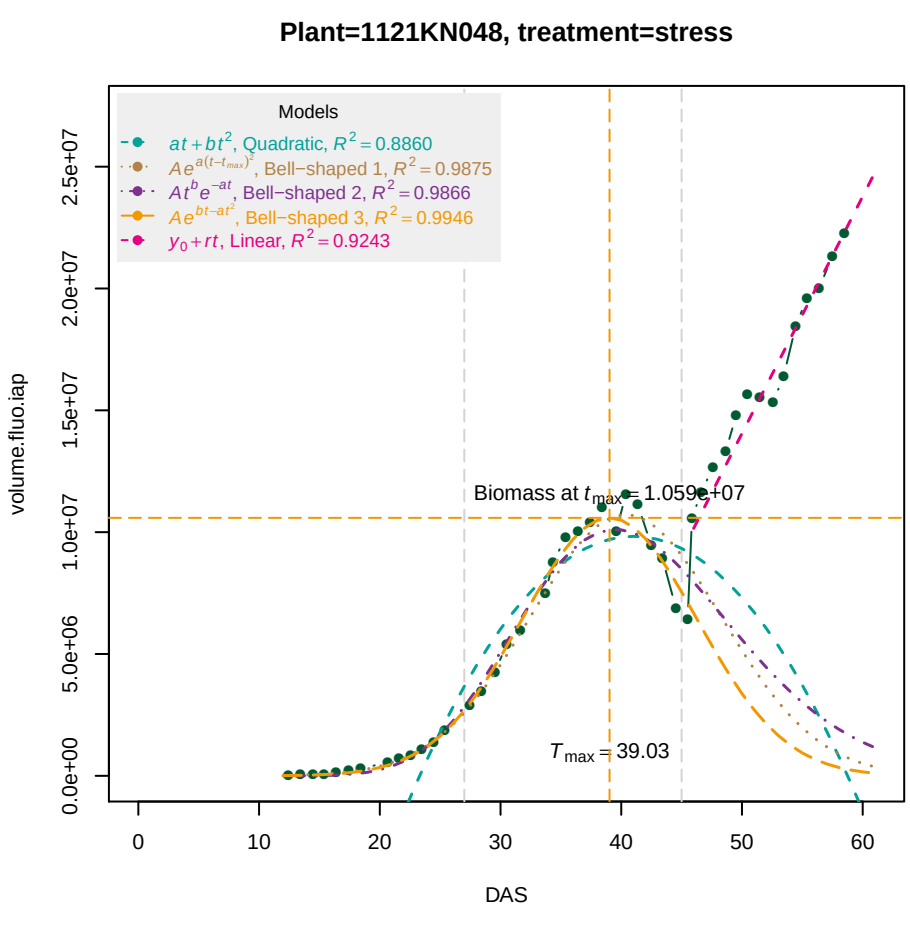

Plant=1121KN299, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8903$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9933$
At^be^{-at}, Bell−shaped 2, $R^2=0.9872$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9950$
y_0+rt, Linear, $R^2=0.8234$
Biomass at t_{max} = 1.254e+07
T_{max} = 40.06
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
0
10
20
30
40
50
60
DAS

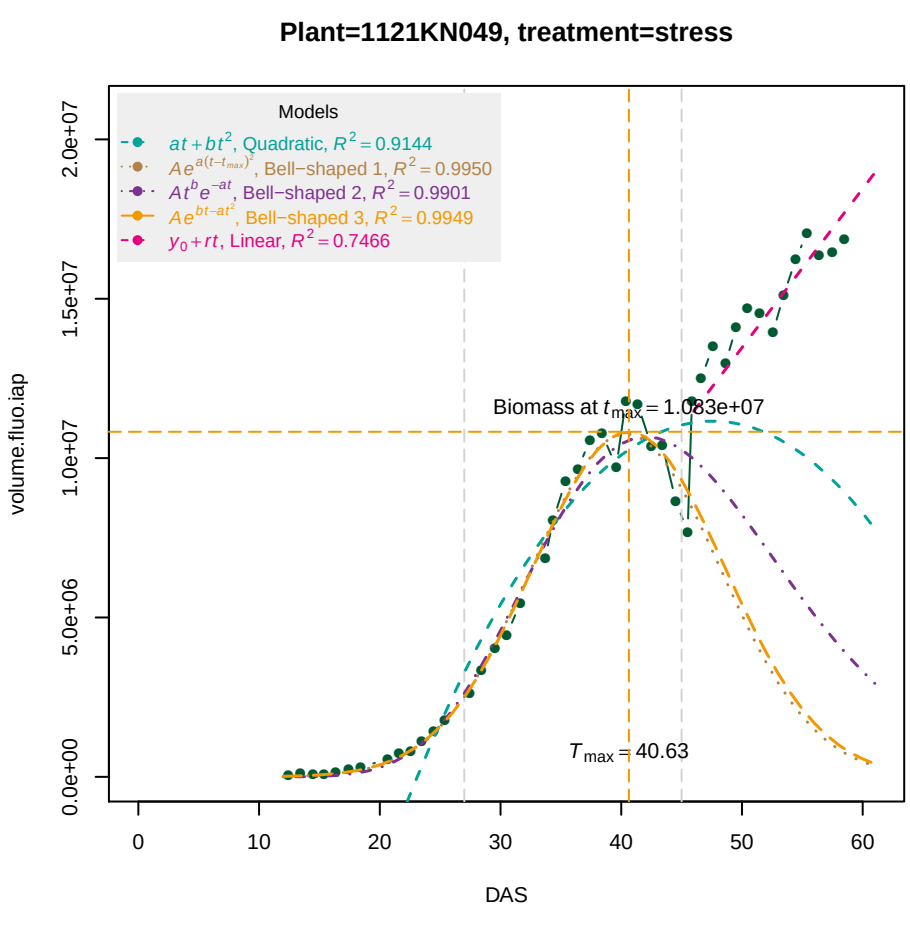

Plant=1121KN300, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9264$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9834$
At^be^{-at}, Bell−shaped 2, $R^2=0.9928$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9965$
y_0+rt, Linear, $R^2=0.8891$
Biomass at t_{max} = 1.354e+07
T_{max} = 41.51
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
3.0e+07
3.5e+07
0
10
20
30
40
50
60
DAS

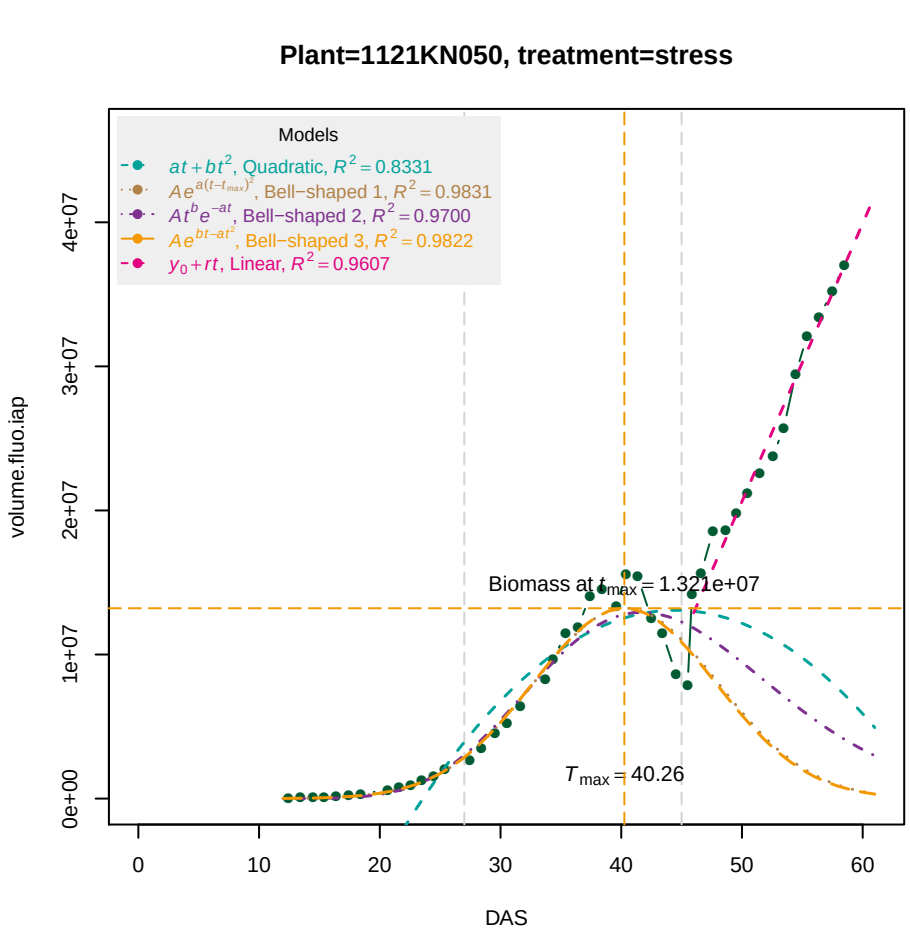

Genotype=Perun, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8377$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9755$
At^be^{-at}, Bell−shaped 2, $R^2=0.9694$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9781$
y_0+rt, Linear, $R^2=0.5860$
Plants of "Perun"
1121KN046
1121KN047
1121KN048
1121KN049
1121KN050
1121KN051
1121KN052
1121KN053
1121KN054
Biomass at t_{max} = 1.073e+07
T_{max} = 39.49
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
0
10
20
30
40
50
60
DAS

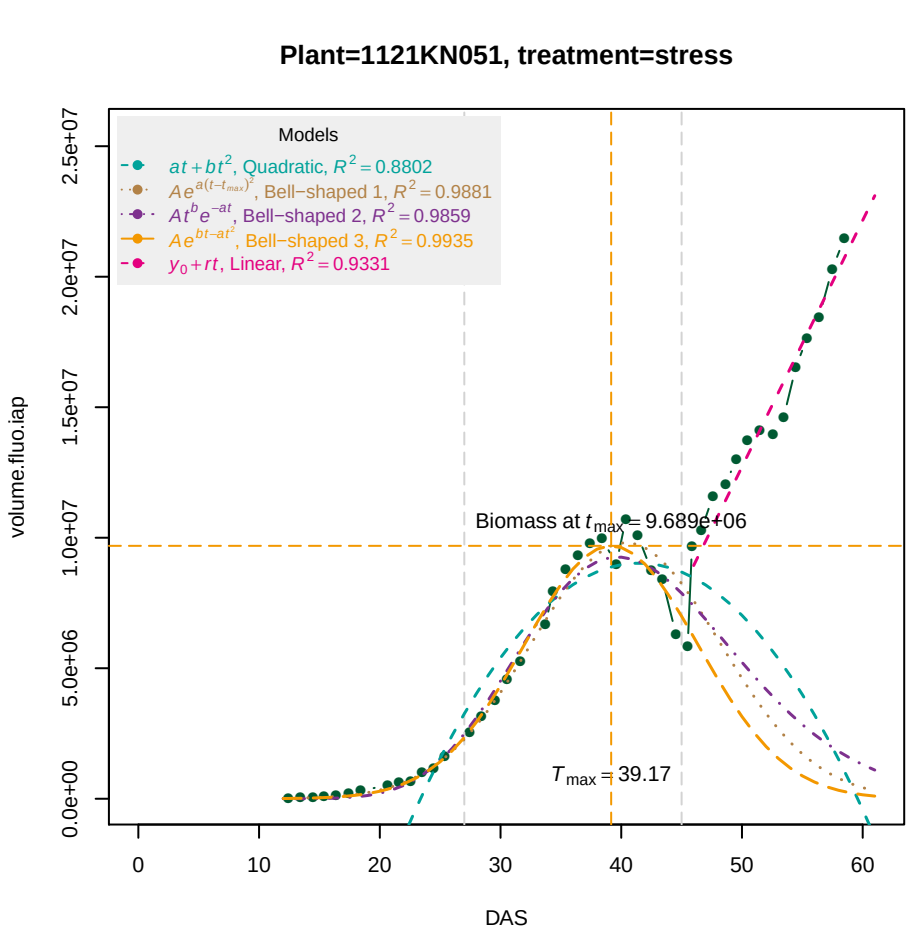

Plant=1121KN046, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8665$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9854$
At^be^{-at}, Bell−shaped 2, $R^2=0.9799$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9898$
y_0+rt, Linear, $R^2=0.9314$
Biomass at t_{max} = 1.196e+07
T_{max} = 39.23
volume.fluo.iap
DAS

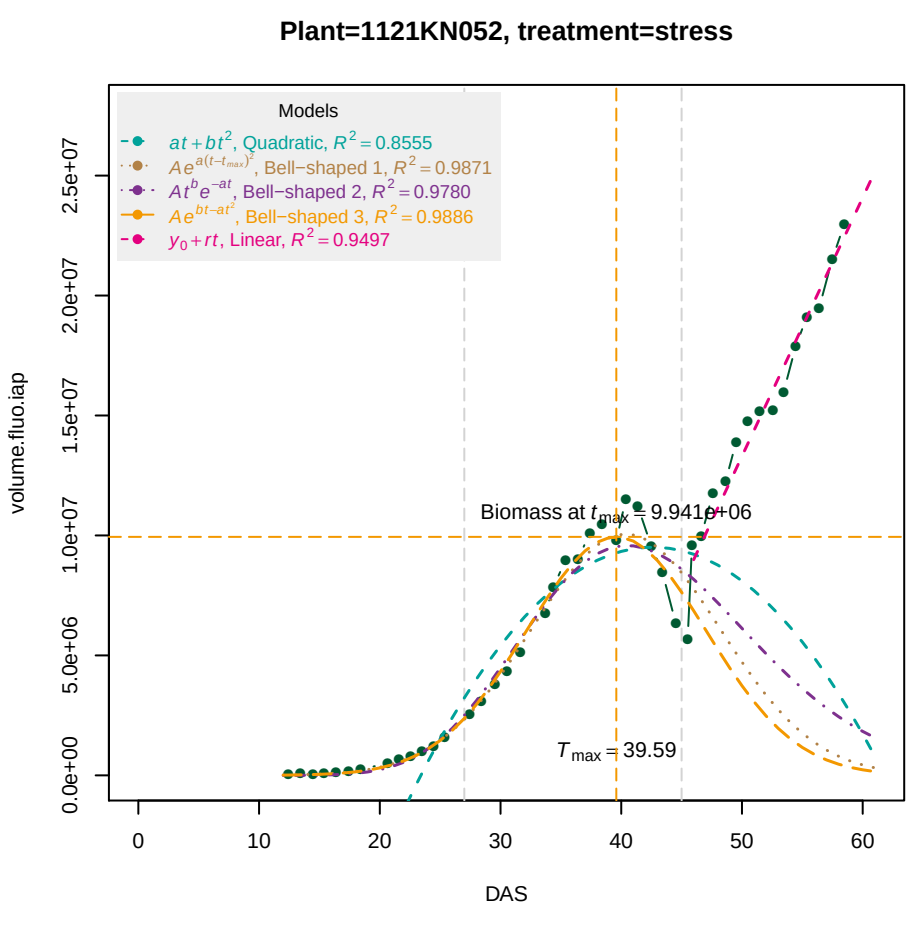

Plant=1121KN047, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8581$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9850$
At^be^{-at}, Bell−shaped 2, $R^2=0.9776$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9879$
y_0+rt, Linear, $R^2=0.8872$
Biomass at t_{max} = 1.09e+07
T_{max} = 39.39
volume.fluo.iap
DAS

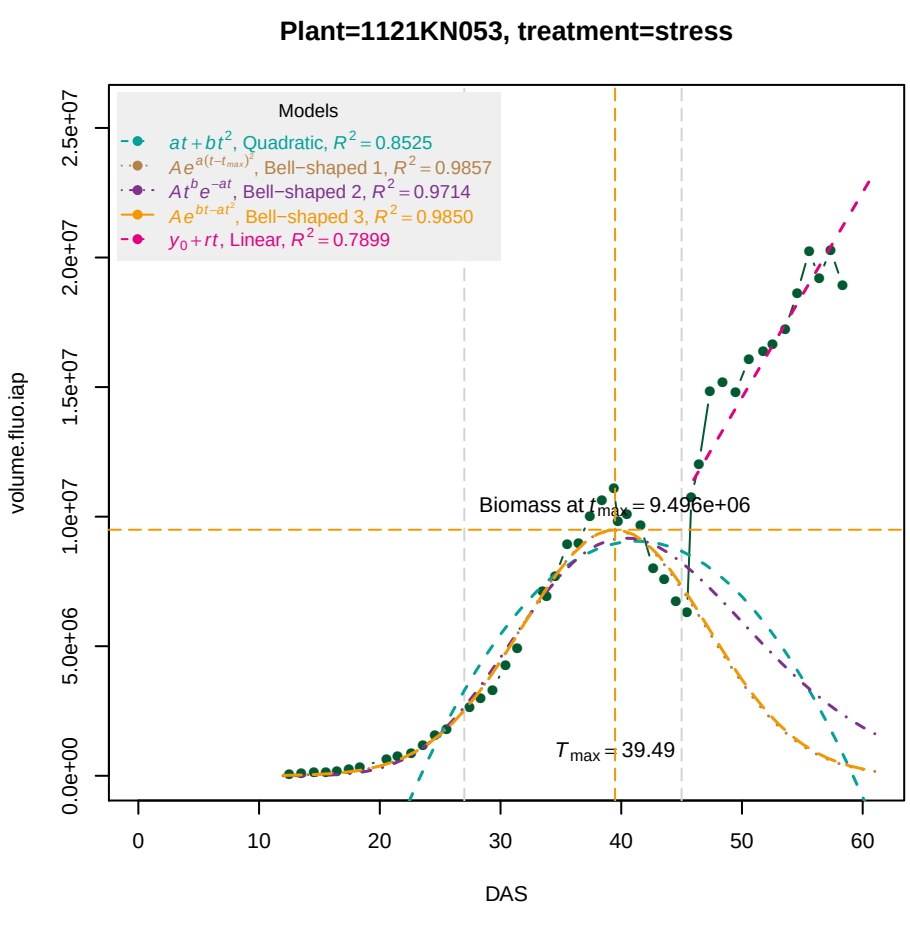

Plant=1121KN048, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8860$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9875$
At^be^{-at}, Bell−shaped 2, $R^2=0.9866$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9946$
y_0+rt, Linear, $R^2=0.9243$
Biomass at t_{max} = 1.059e+07
T_{max} = 39.03
volume.fluo.iap
DAS

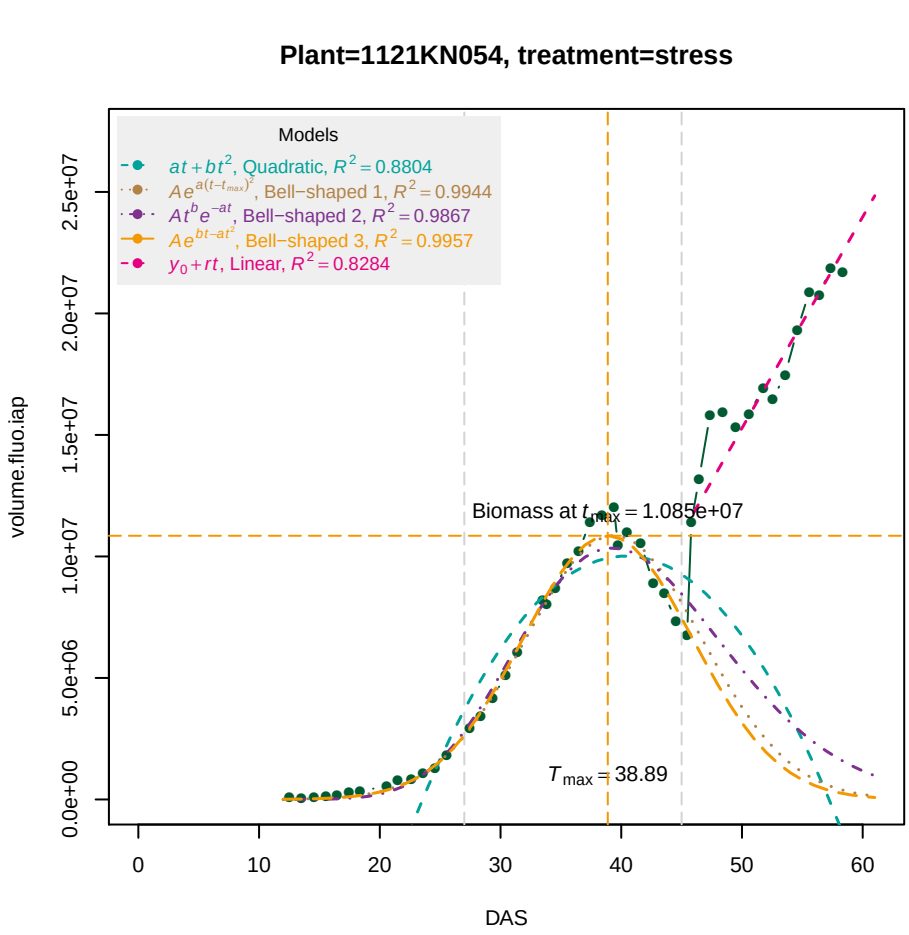

Plant=1121KN049, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9144$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9950$
At^be^{-at}, Bell−shaped 2, $R^2=0.9901$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9949$
y_0+rt, Linear, $R^2=0.7466$
Biomass at t_{max} = 1.083e+07
T_{max} = 40.63
volume.fluo.iap
DAS

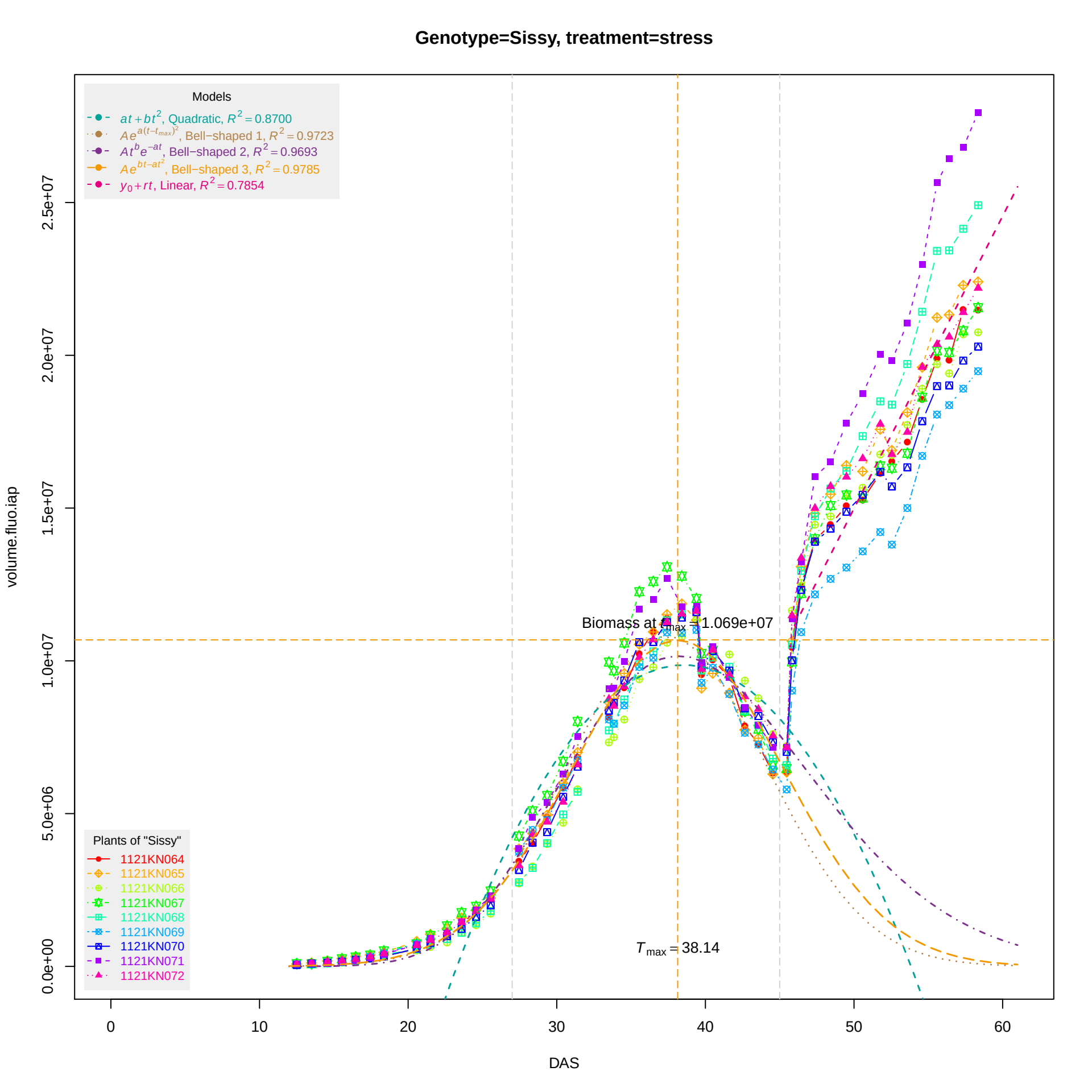

Plant=1121KN050, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8331$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9831$
At^be^{-at}, Bell−shaped 2, $R^2=0.9700$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9822$
y_0+rt, Linear, $R^2=0.9607$
Biomass at t_{max} = 1.321e+07
T_{max} = 40.26
volume.fluo.iap
DAS

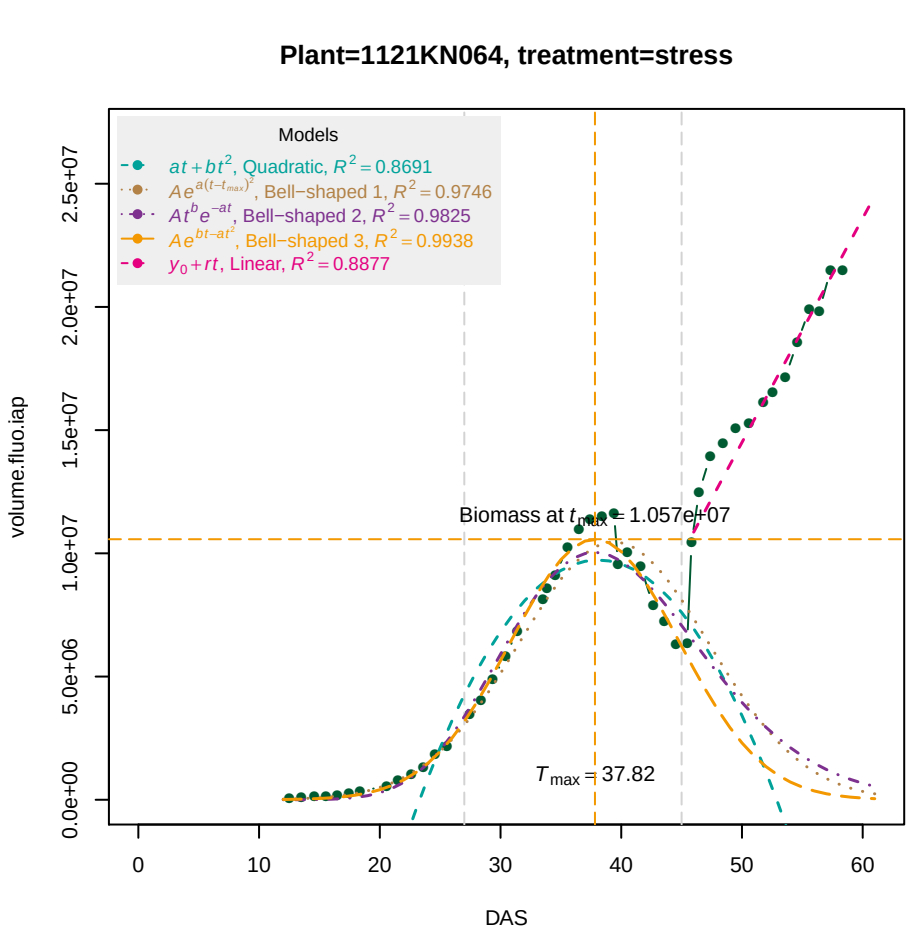

Plant=1121KN051, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8802$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9881$
At^be^{-at}, Bell−shaped 2, $R^2=0.9859$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9935$
y_0+rt, Linear, $R^2=0.9331$
Biomass at t_{max} = 9.689e+06
T_{max} = 39.17
volume.fluo.iap
DAS

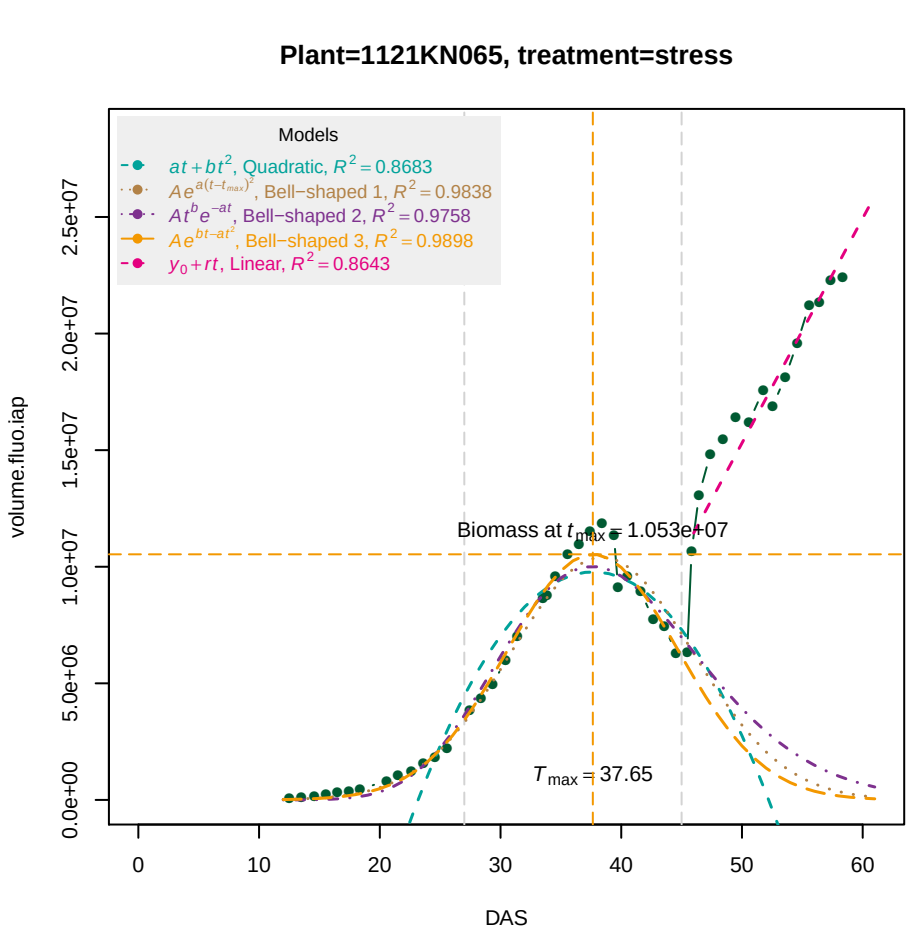

Plant=1121KN052, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8555$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9871$
At^be^{-at}, Bell−shaped 2, $R^2=0.9780$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9886$
y_0+rt, Linear, $R^2=0.9497$
Biomass at t_{max} = 9.941e+06
T_{max} = 39.59
volume.fluo.iap
DAS

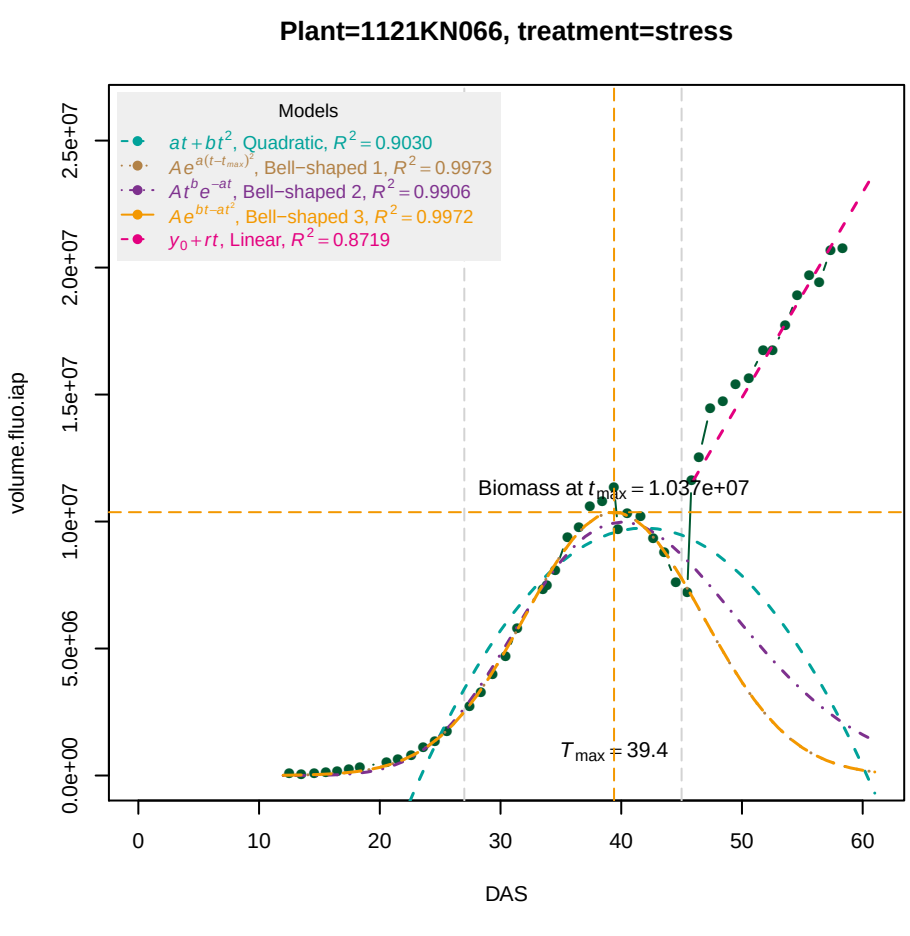

Plant=1121KN053, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8525$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9857$
At^be^{-at}, Bell−shaped 2, $R^2=0.9714$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9850$
y_0+rt, Linear, $R^2=0.7899$
Biomass at t_{max} = 9.496e+06
T_{max} = 39.49
volume.fluo.iap
DAS

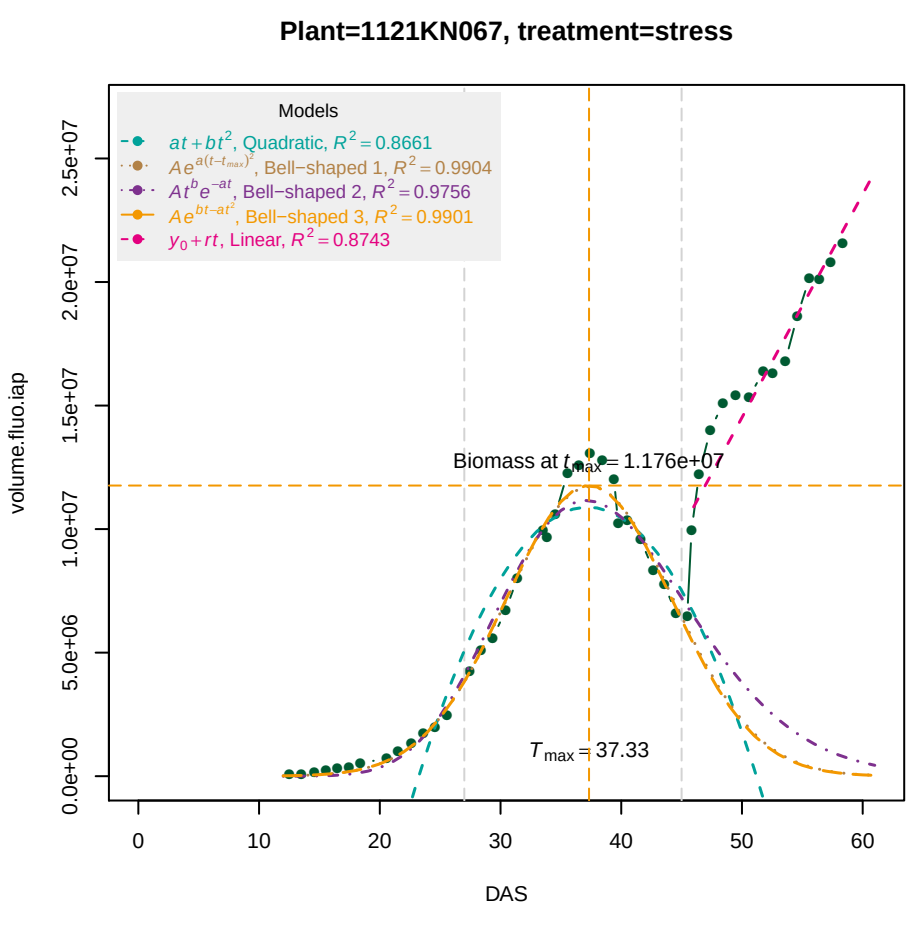

Plant=1121KN054, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8804$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9944$
At^be^{-at}, Bell−shaped 2, $R^2=0.9867$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9957$
y_0+rt, Linear, $R^2=0.8284$
Biomass at t_{max} = 1.085e+07
T_{max} = 38.89
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
0
10
20
30
40
50
60
DAS

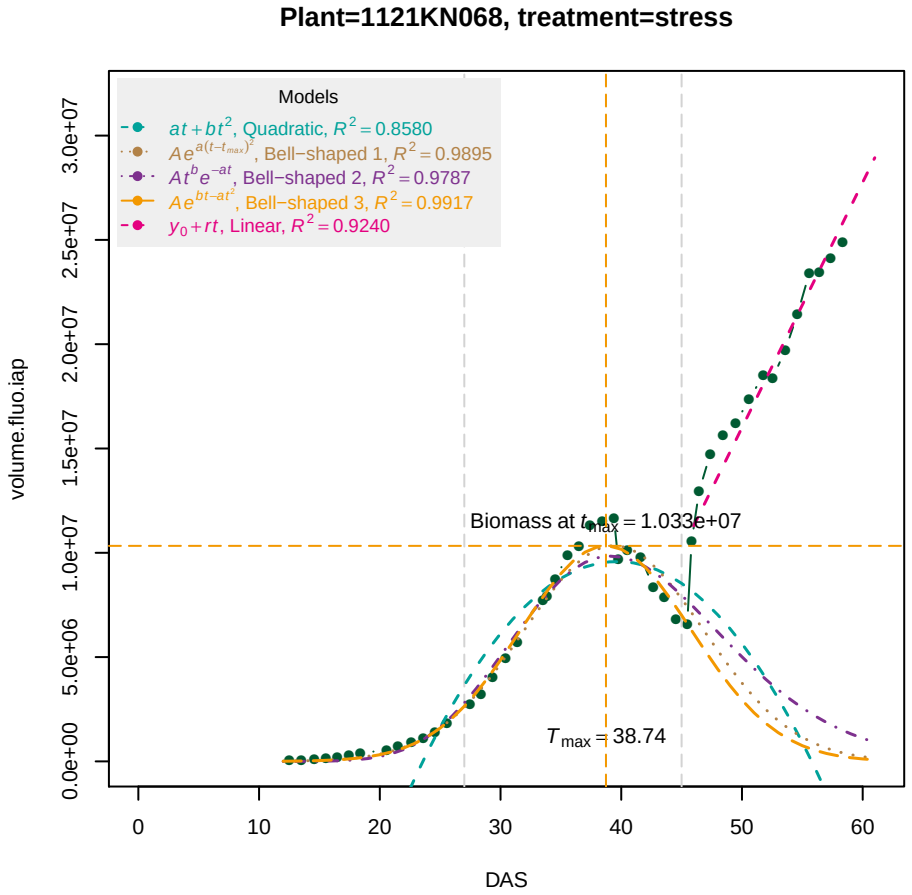

Genotype=Sissy, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8700$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9723$
At^be^{-at}, Bell−shaped 2, $R^2=0.9693$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9785$
y_0+rt, Linear, $R^2=0.7854$
Plants of "Sissy"
1121KN064
1121KN065
1121KN066
1121KN067
1121KN068
1121KN069
1121KN070
1121KN071
1121KN072
Biomass at T_{max} = 1.069e+07
T_{max} = 38.14
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
0
10
20
30
40
50
60
DAS

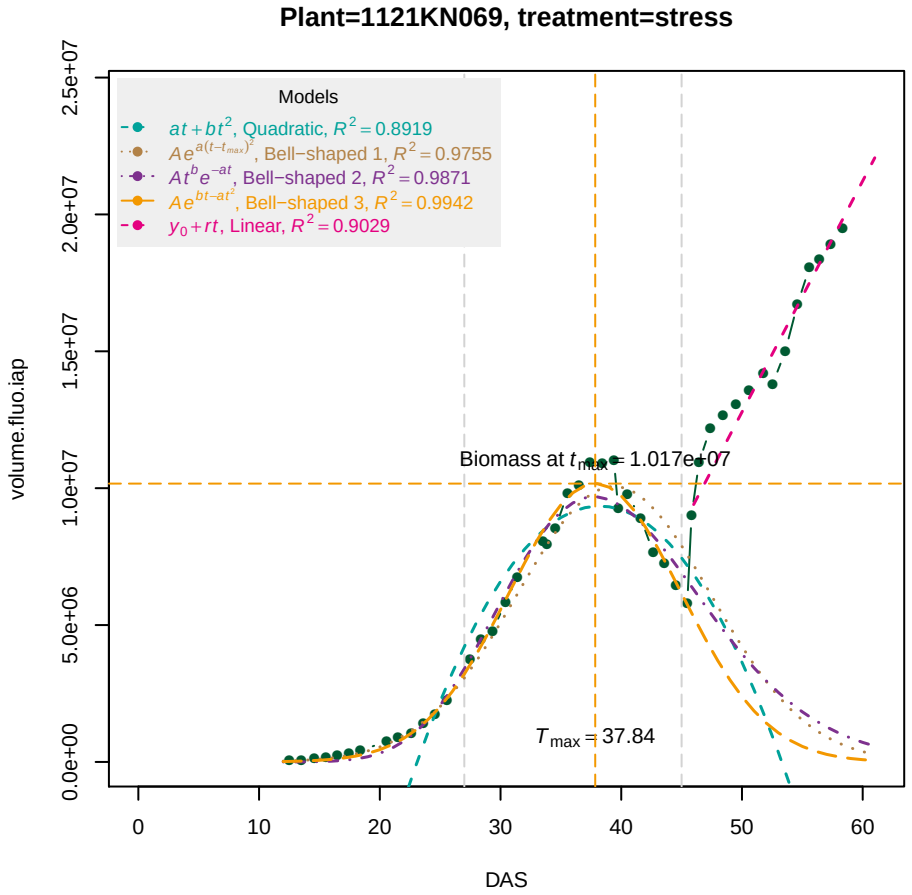

Plant=1121KN064, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8691$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9746$
At^be^{-at}, Bell−shaped 2, $R^2=0.9825$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9938$
y_0+rt, Linear, $R^2=0.8877$
Biomass at t_{max} = 1.057e+07
T_{max} = 37.82
volume.fluo.iap
DAS

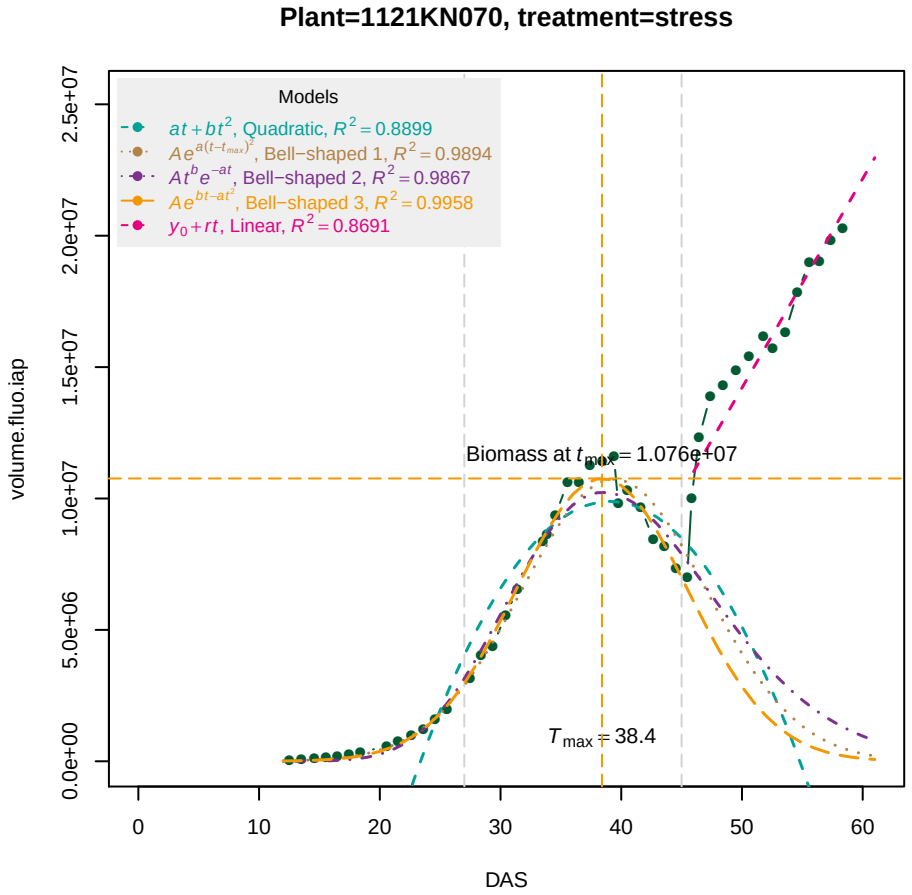

Plant=1121KN065, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8683$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9838$
At^be^{-at}, Bell−shaped 2, $R^2=0.9758$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9898$
y_0+rt, Linear, $R^2=0.8643$
Biomass at t_{max} = 1.053e+07
T_{max} = 37.65
volume.fluo.iap
DAS

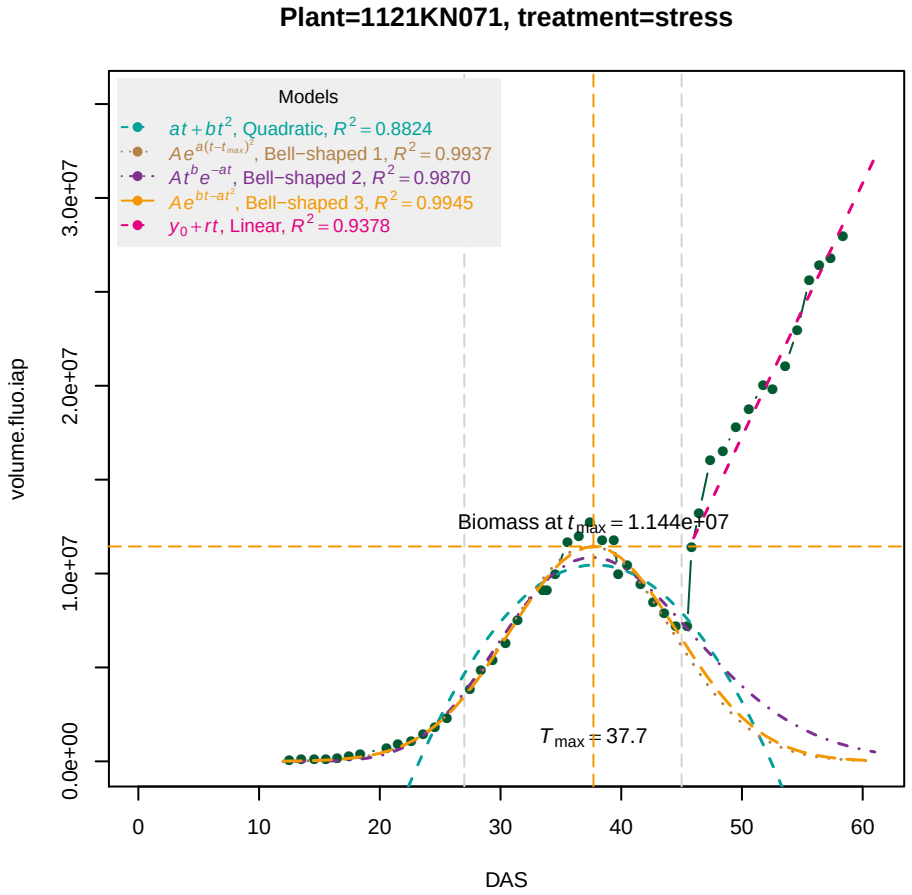

Plant=1121KN066, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9030$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9973$
At^be^{-at}, Bell−shaped 2, $R^2=0.9906$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9972$
y_0+rt, Linear, $R^2=0.8719$
Biomass at t_{max} = 1.037e+07
T_{max} = 39.4
volume.fluo.iap
DAS

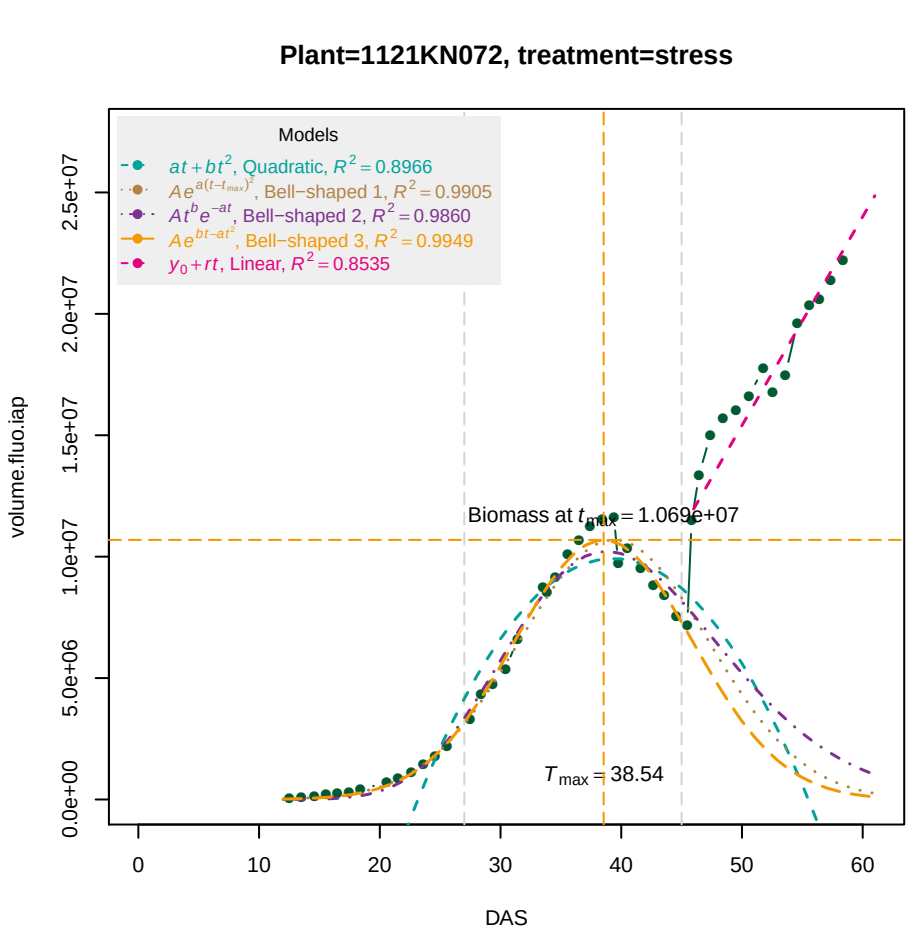

Plant=1121KN067, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8661$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9904$
At^be^{-at}, Bell−shaped 2, $R^2=0.9756$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9901$
y_0+rt, Linear, $R^2=0.8743$
Biomass at t_{max} = 1.176e+07
T_{max} = 37.33
volume.fluo.iap
DAS

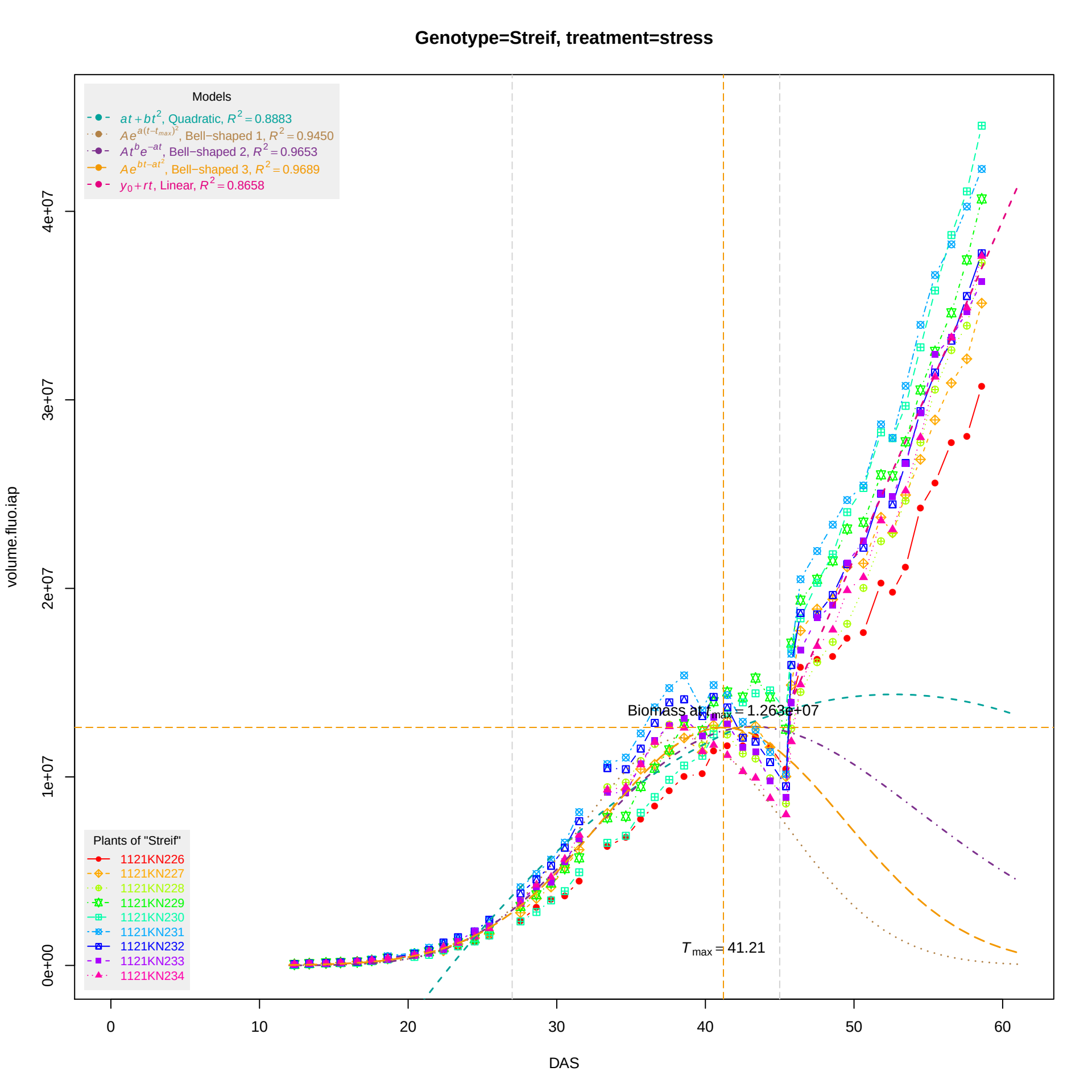

Plant=1121KN068, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8580$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9895$
At^be^{-at}, Bell−shaped 2, $R^2=0.9787$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9917$
y_0+rt, Linear, $R^2=0.9240$
Biomass at t_{max} = 1.033e+07
T_{max} = 38.74
volume.fluo.iap
DAS

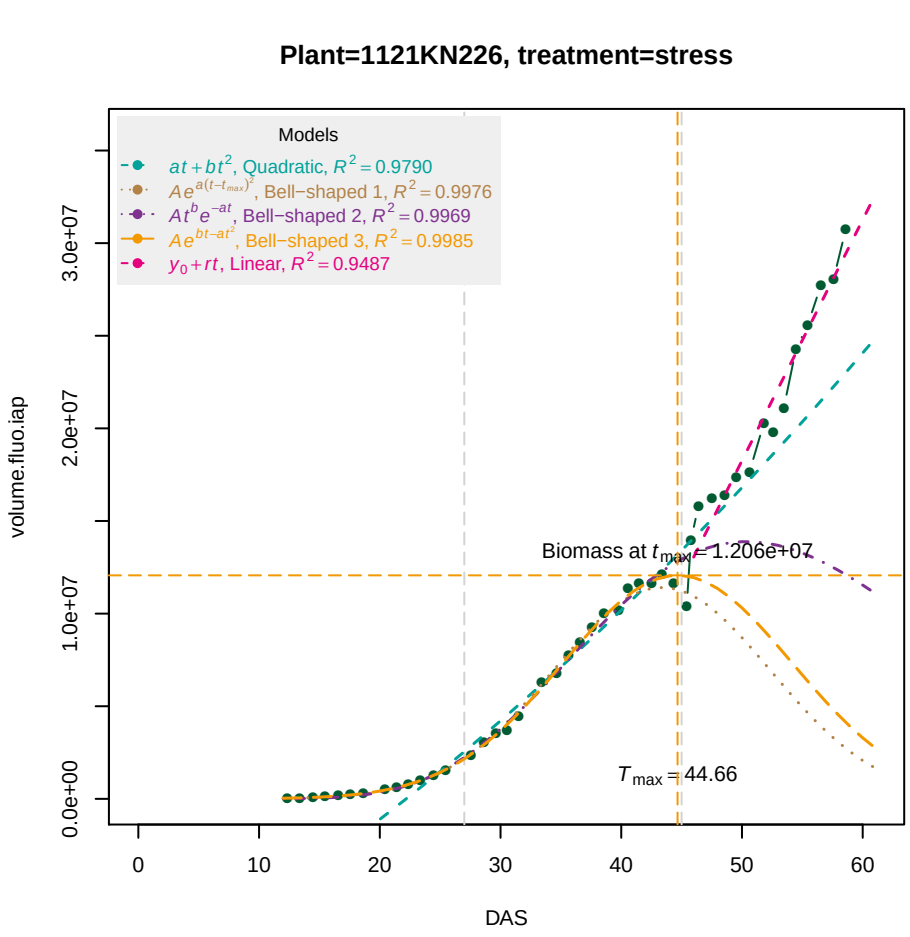

Plant=1121KN069, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8919$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9755$
At^be^{-at}, Bell−shaped 2, $R^2=0.9871$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9942$
y_0+rt, Linear, $R^2=0.9029$
Biomass at t_{max} = 1.017e+07
T_{max} = 37.84
volume.fluo.iap
DAS

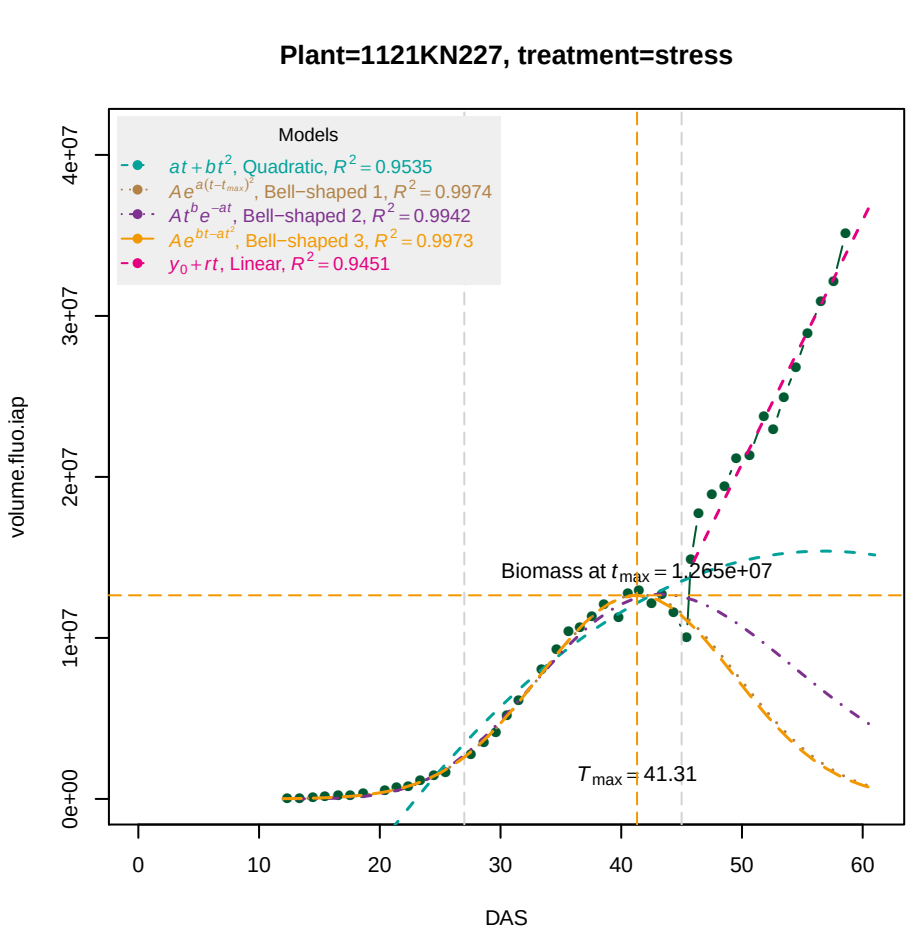

Plant=1121KN070, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8899$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9894$
At^be^{-at}, Bell−shaped 2, $R^2=0.9867$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9958$
y_0+rt, Linear, $R^2=0.8691$
Biomass at t_{max} = 1.076e+07
T_{max} = 38.4
volume.fluo.iap
DAS

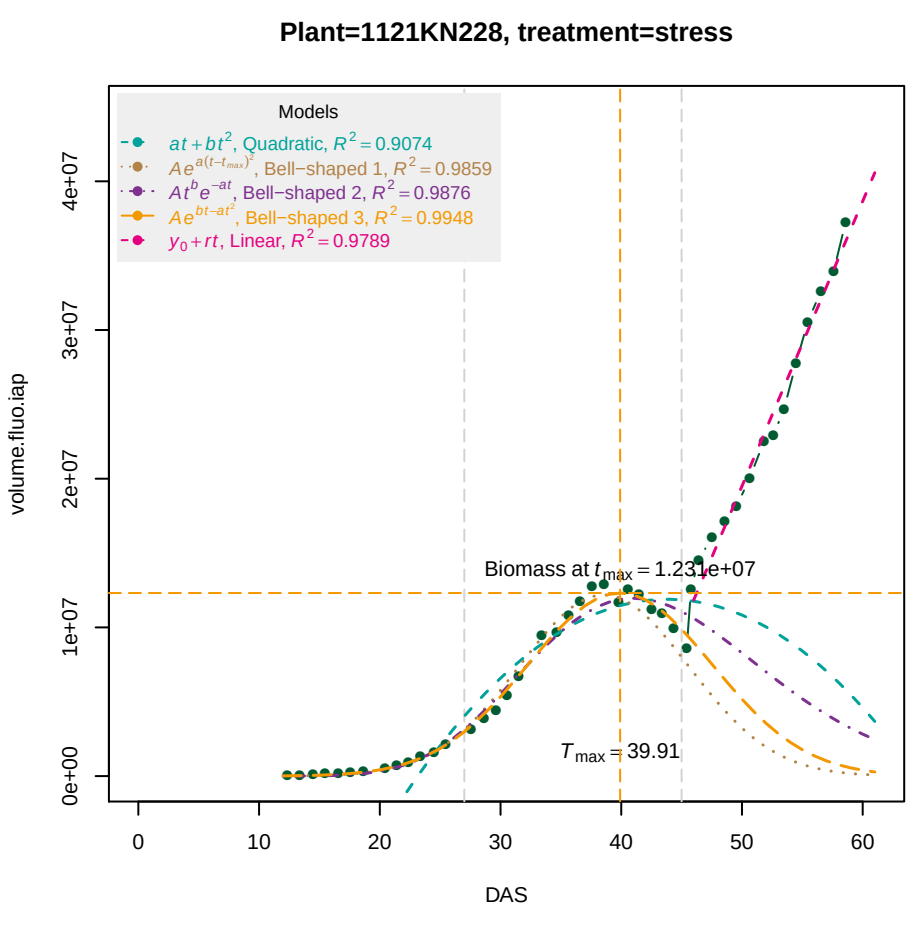

Plant=1121KN071, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8824$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9937$
At^be^{-at}, Bell−shaped 2, $R^2=0.9870$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9945$
y_0+rt, Linear, $R^2=0.9378$
Biomass at t_{max} = 1.144e+07
T_{max} = 37.7
volume.fluo.iap
DAS

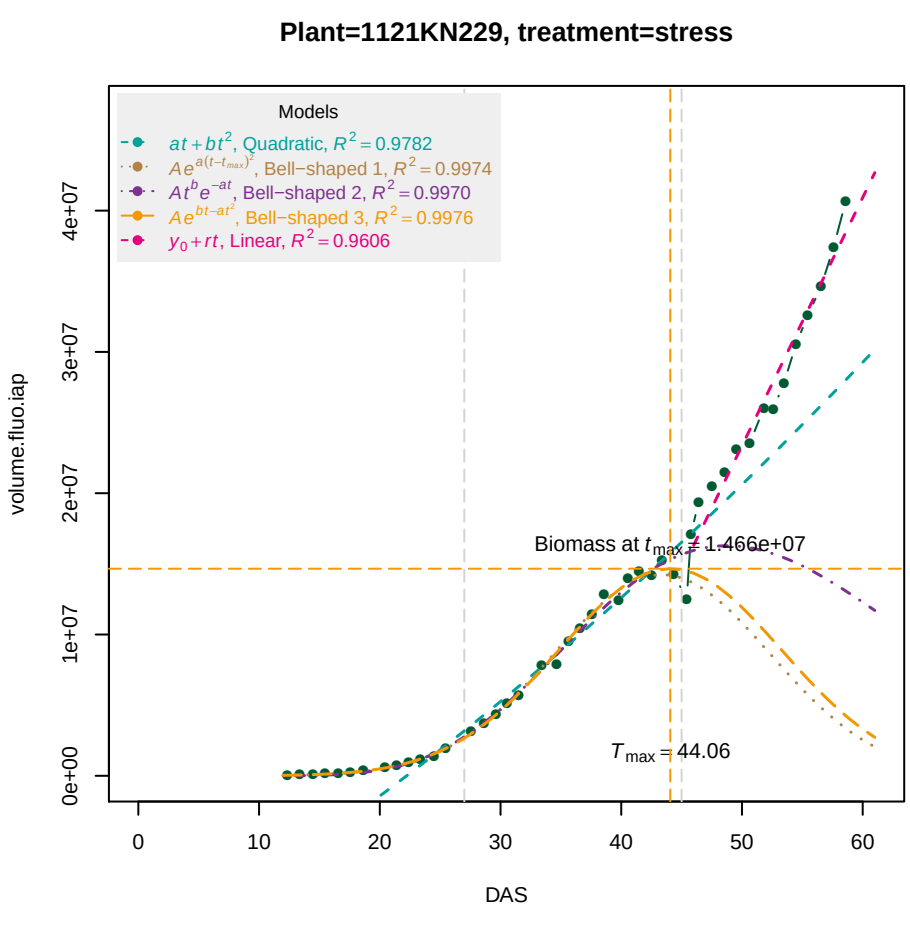

Plant=1121KN072, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8966$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9905$
At^be^{-at}, Bell−shaped 2, $R^2=0.9860$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9949$
y_0+rt, Linear, $R^2=0.8535$
Biomass at t_{max} = 1.069e+07
T_{max} = 38.54
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
0
10
20
30
40
50
60
DAS

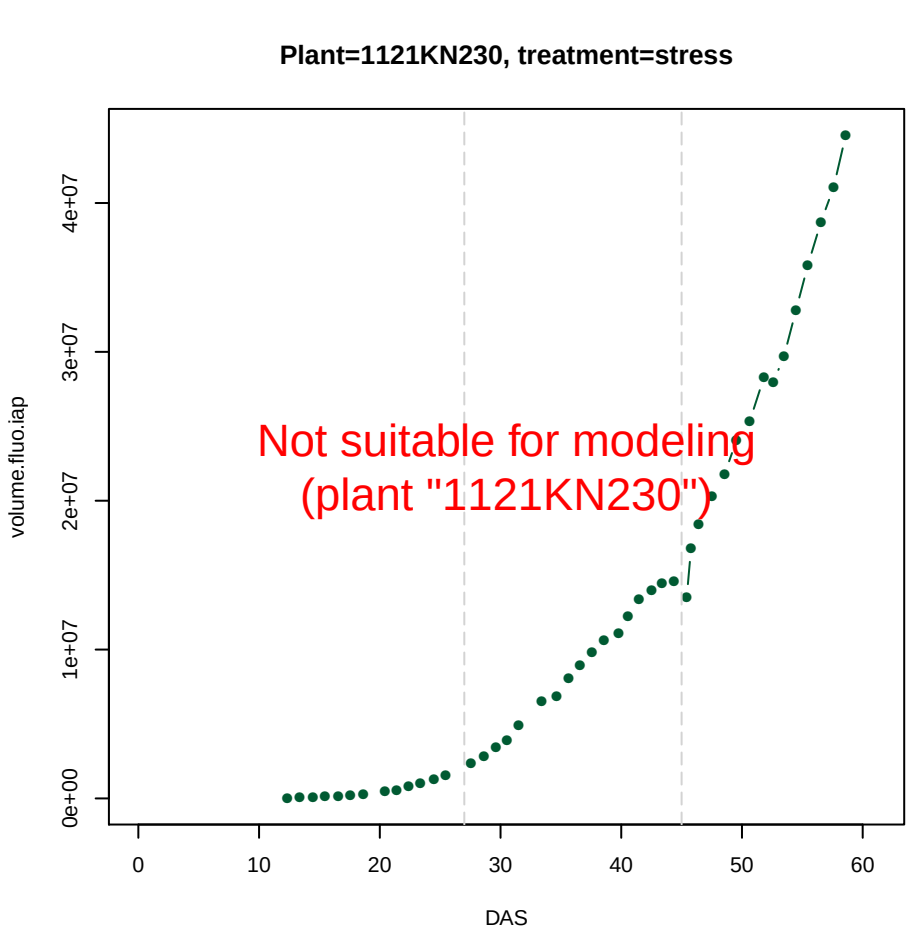

Genotype=Streif, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8883$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9450$
At^be^{-at}, Bell−shaped 2, $R^2=0.9653$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9689$
y_0+rt, Linear, $R^2=0.8658$
Plants of "Streif"
1121KN226
1121KN227
1121KN228
1121KN229
1121KN230
1121KN231
1121KN232
1121KN233
1121KN234
Biomass at T_{max} = 1.263e+07
T_{max} = 41.21
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

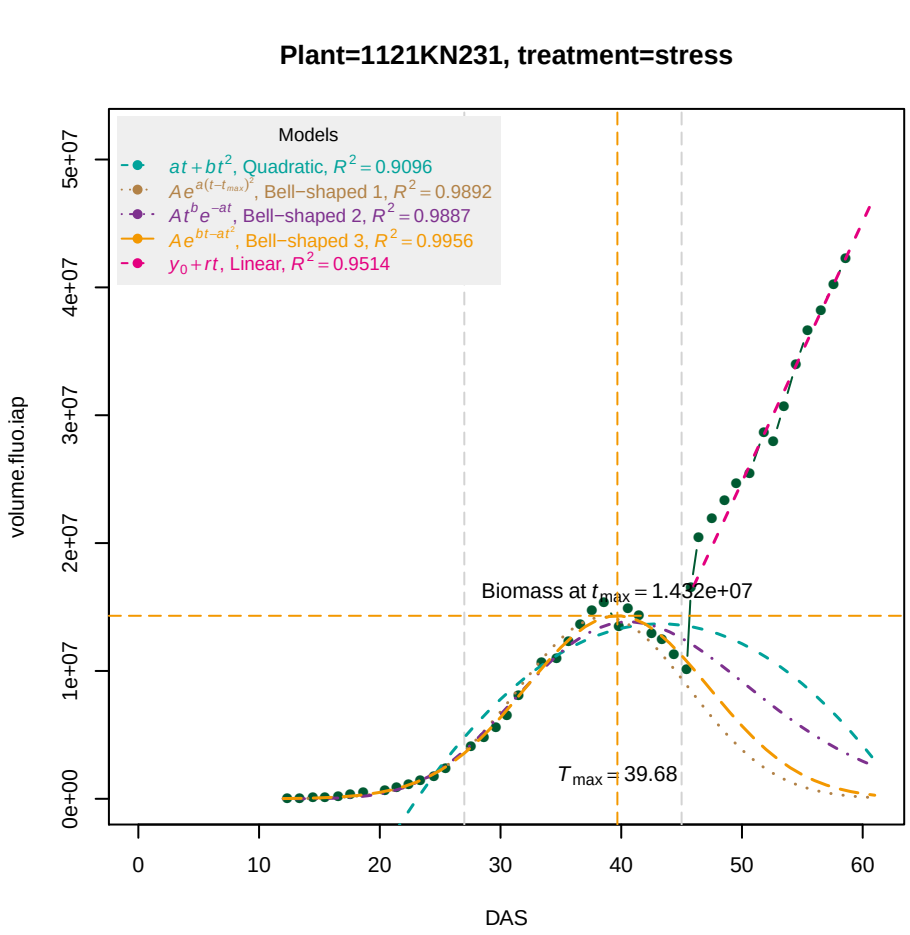

Plant=1121KN226, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9790$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9976$
At^be^{-at}, Bell−shaped 2, $R^2=0.9969$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9985$
y_0+rt, Linear, $R^2=0.9487$
Biomass at t_{max} = 1.206e+07
T_{max} = 44.66
volume.fluo.iap
DAS

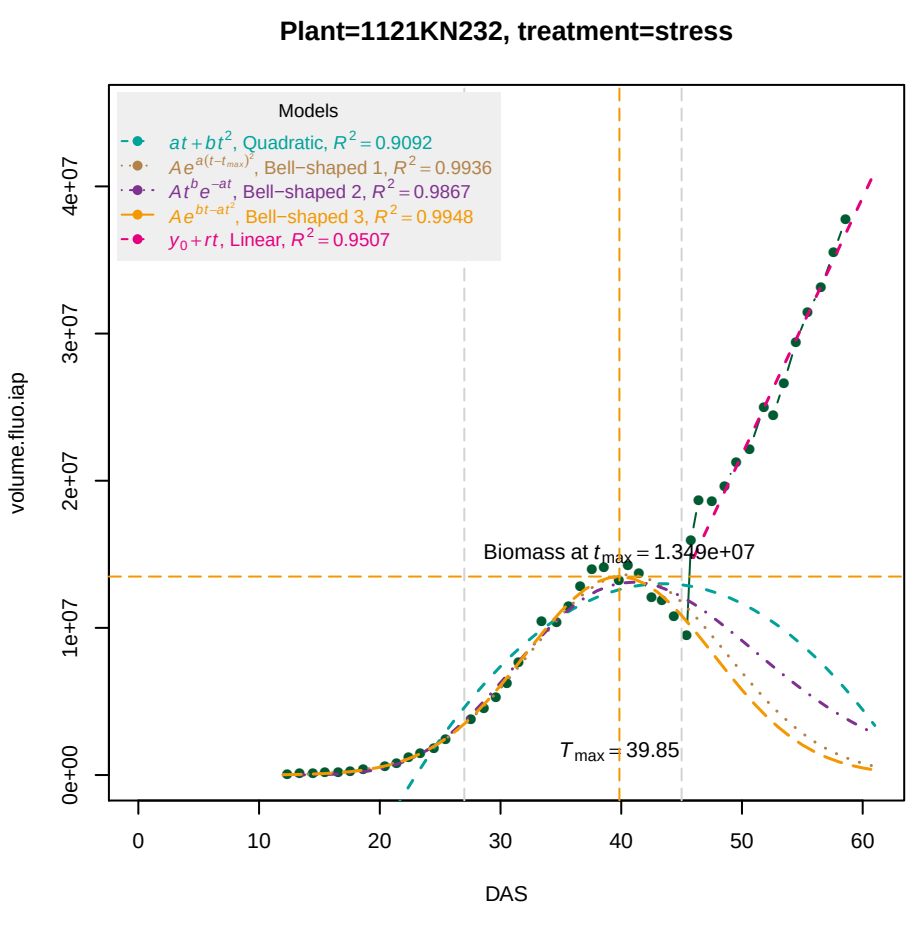

Plant=1121KN227, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9535$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9974$
At^be^{-at}, Bell−shaped 2, $R^2=0.9942$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9973$
y_0+rt, Linear, $R^2=0.9451$
Biomass at t_{max} = 1.265e+07
T_{max} = 41.31
volume.fluo.iap
DAS

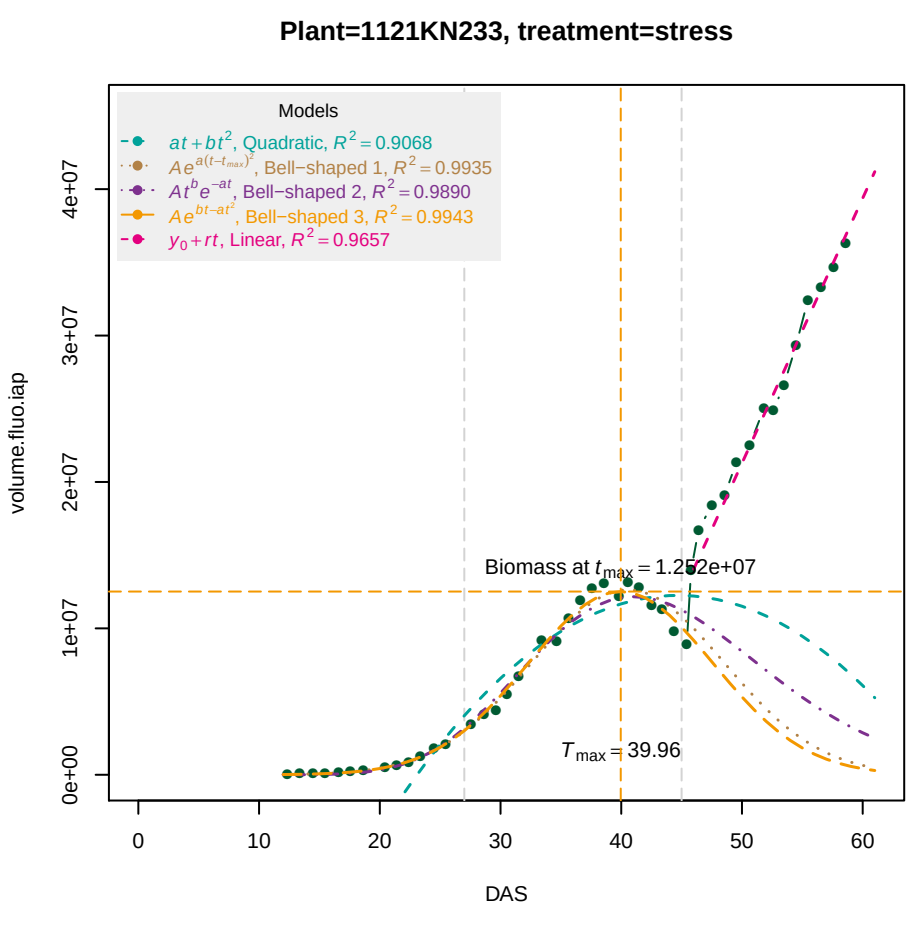

Plant=1121KN228, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9074$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9859$
At^be^{-at}, Bell−shaped 2, $R^2=0.9876$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9948$
y_0+rt, Linear, $R^2=0.9789$
Biomass at t_{max} = 1.231e+07
T_{max} = 39.91
volume.fluo.iap
DAS

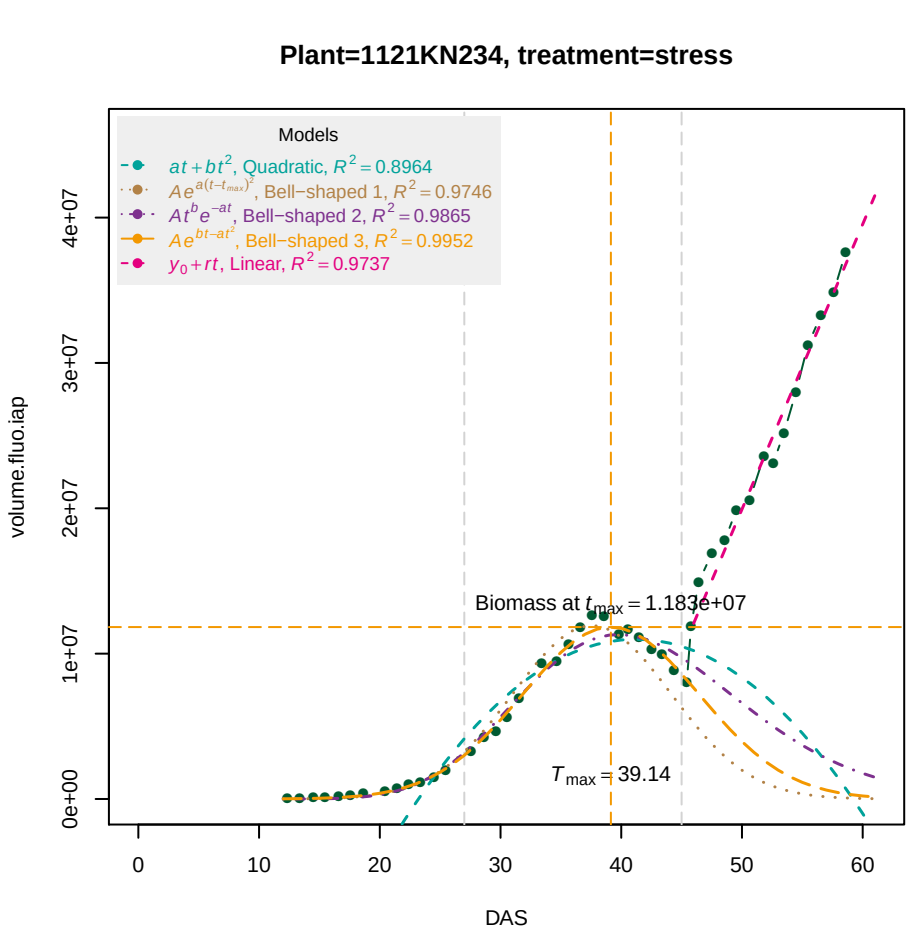

Plant=1121KN229, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9782$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9974$
At^be^{-at}, Bell−shaped 2, $R^2=0.9970$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9976$
y_0+rt, Linear, $R^2=0.9606$
Biomass at t_{max} = 1.466e+07
T_{max} = 44.06
volume.fluo.iap
DAS

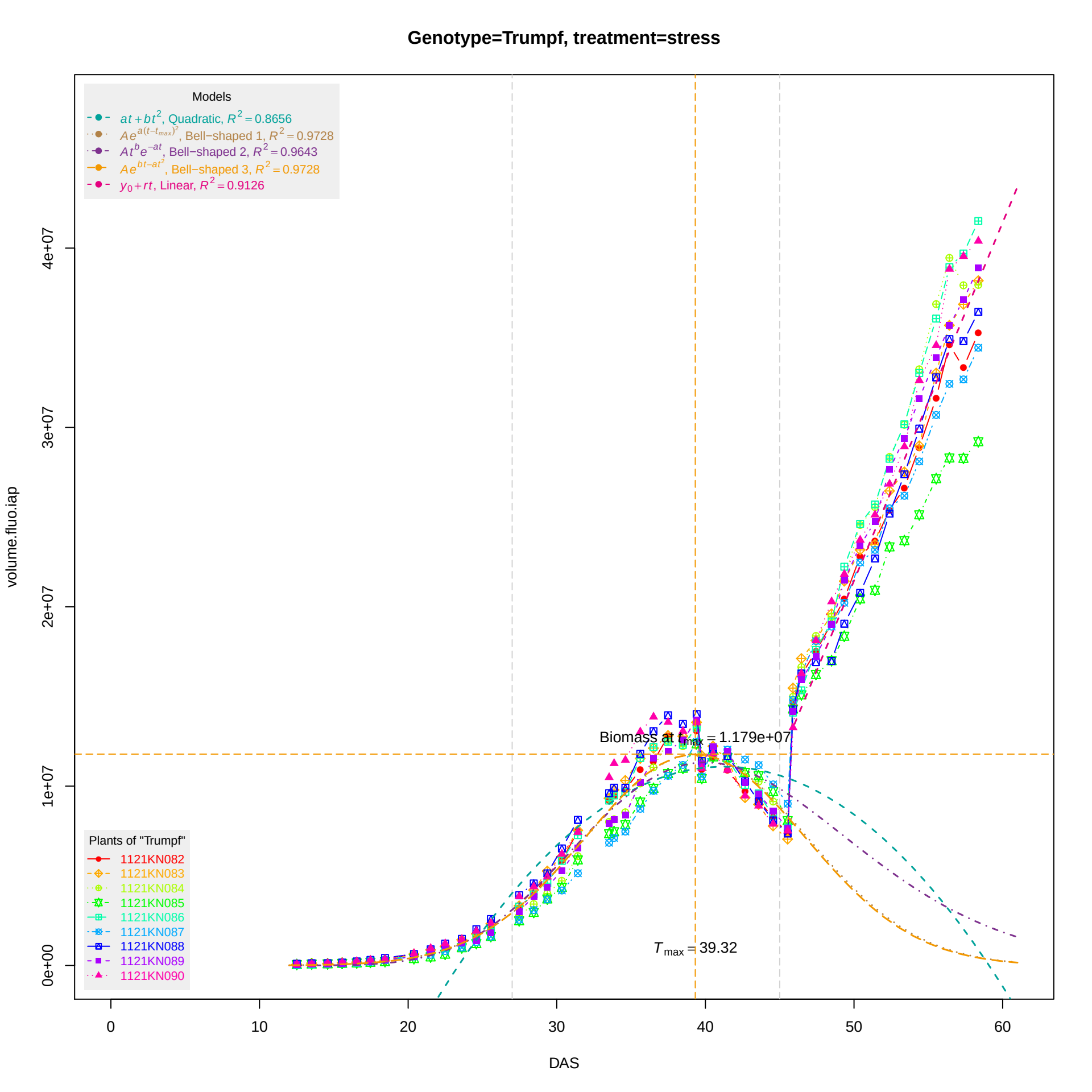

Plant=1121KN230, treatment=stress
Not suitable for modeling
(plant "1121KN230")
volume.fluo.iap
DAS

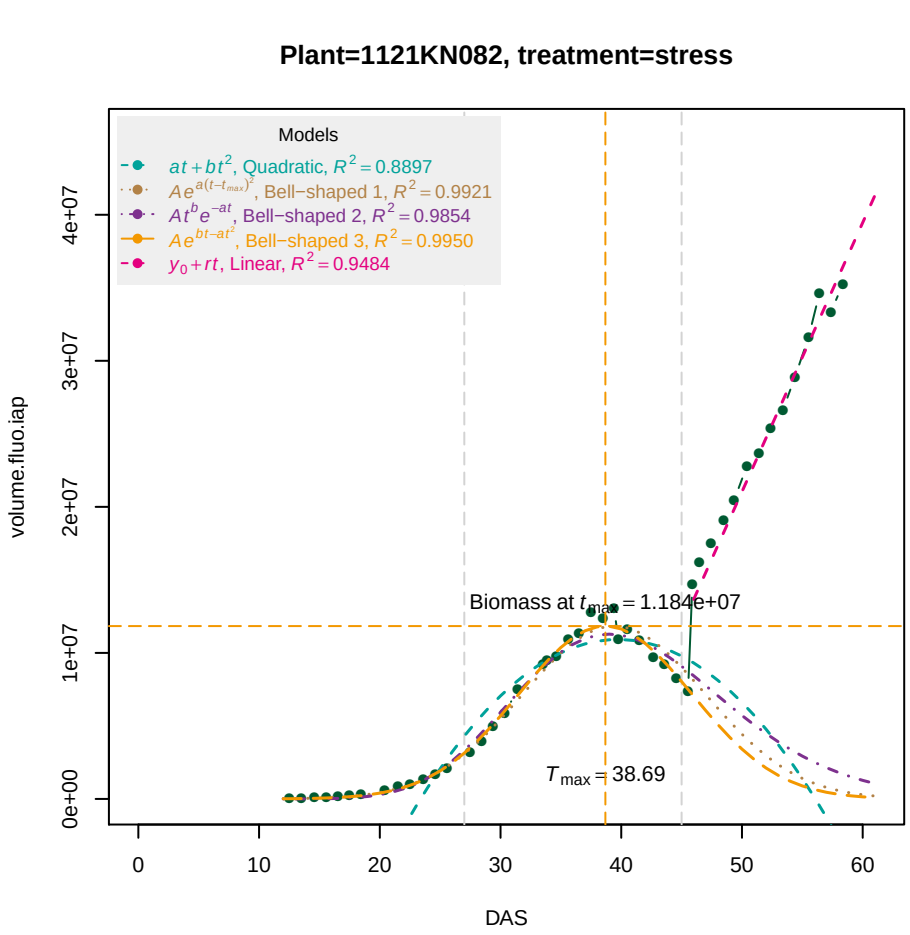

Plant=1121KN231, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9096$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9892$
At^be^{-at}, Bell−shaped 2, $R^2=0.9887$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9956$
y_0+rt, Linear, $R^2=0.9514$
Biomass at t_{max} = 1.432e+07
T_{max} = 39.68
volume.fluo.iap
DAS

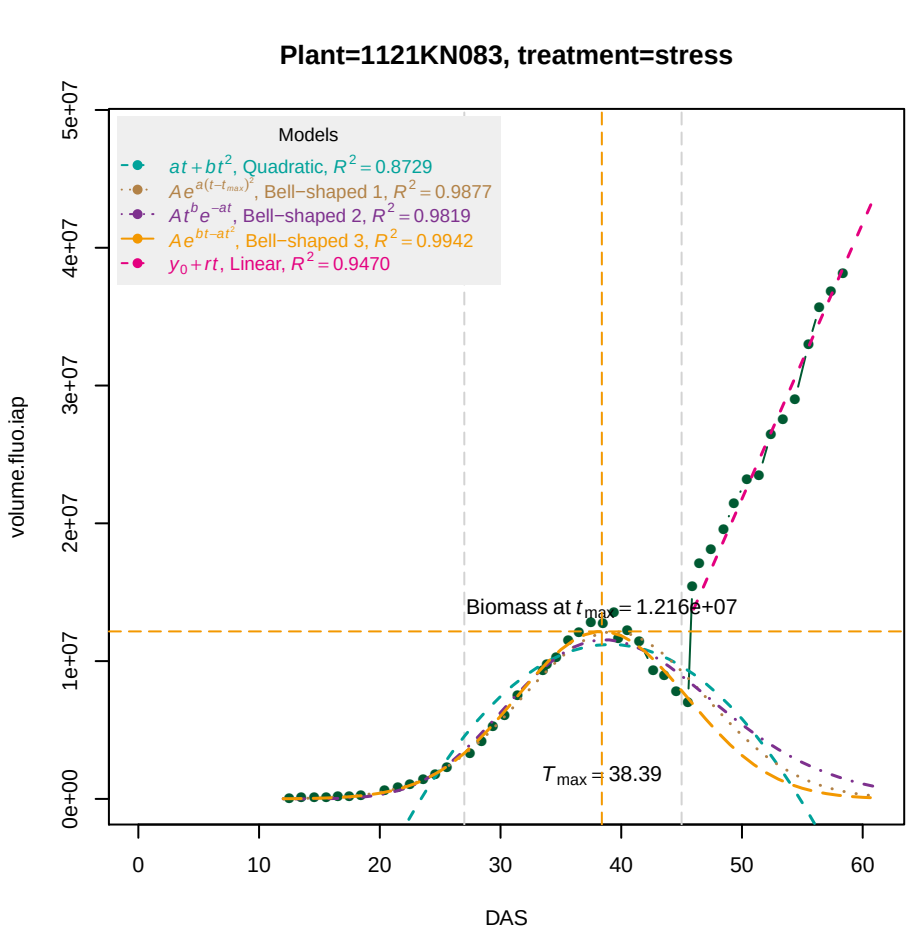

Plant=1121KN232, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9092$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9936$
At^be^{-at}, Bell−shaped 2, $R^2=0.9867$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9948$
y_0+rt, Linear, $R^2=0.9507$
Biomass at t_{max} = 1.349e+07
T_{max} = 39.85
volume.fluo.iap
DAS

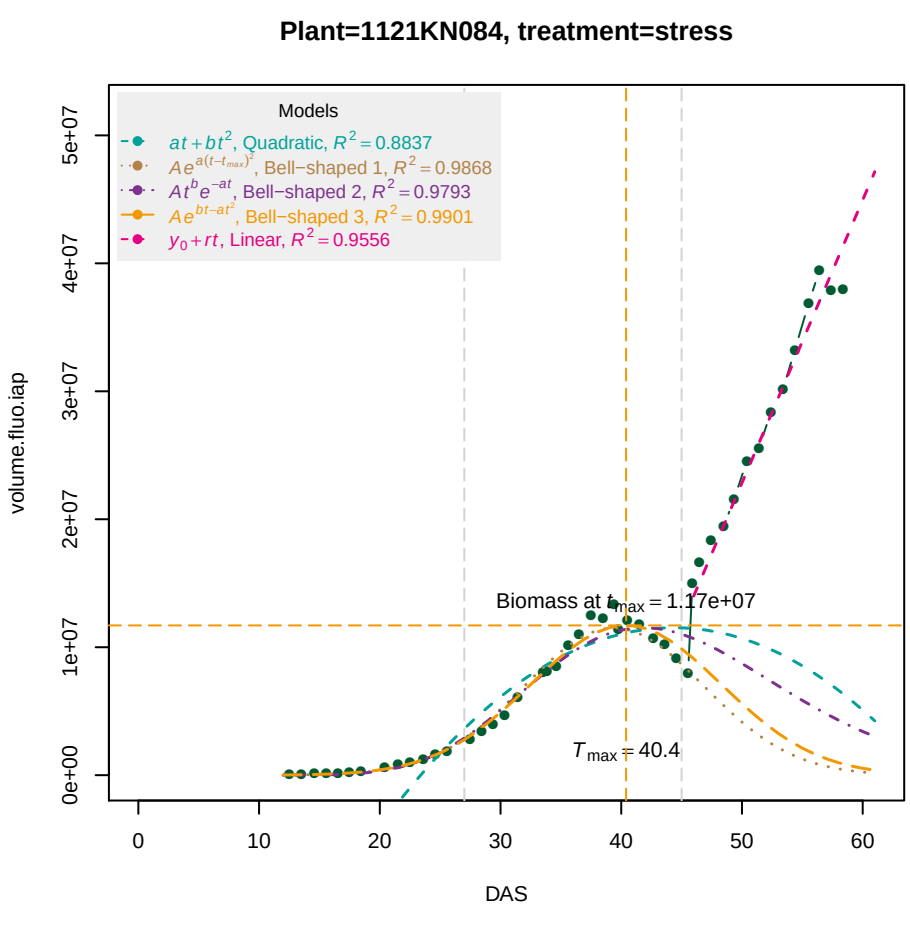

Plant=1121KN233, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9068$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9935$
At^be^{-at}, Bell−shaped 2, $R^2=0.9890$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9943$
y_0+rt, Linear, $R^2=0.9657$
Biomass at t_{max} = 1.252e+07
T_{max} = 39.96
volume.fluo.iap
DAS

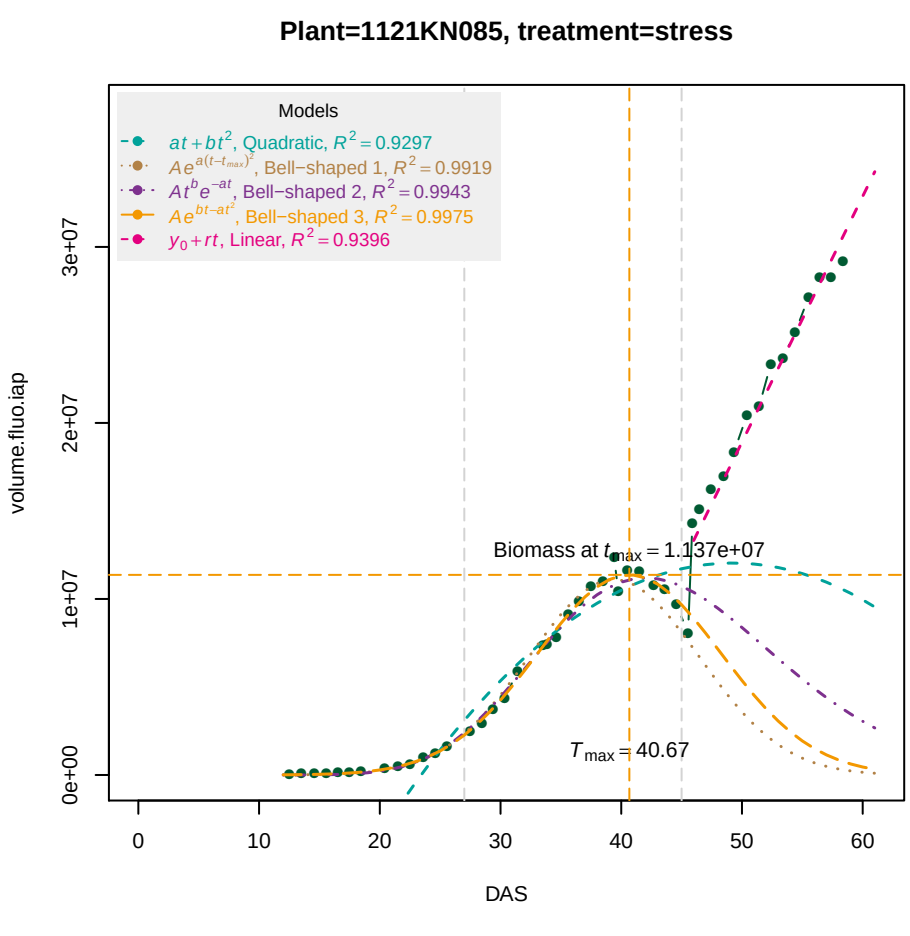

Plant=1121KN234, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8964$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9746$
At^be^{-at}, Bell−shaped 2, $R^2=0.9865$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9952$
y_0+rt, Linear, $R^2=0.9737$
Biomass at t_{max} = 1.183e+07
T_{max} = 39.14
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

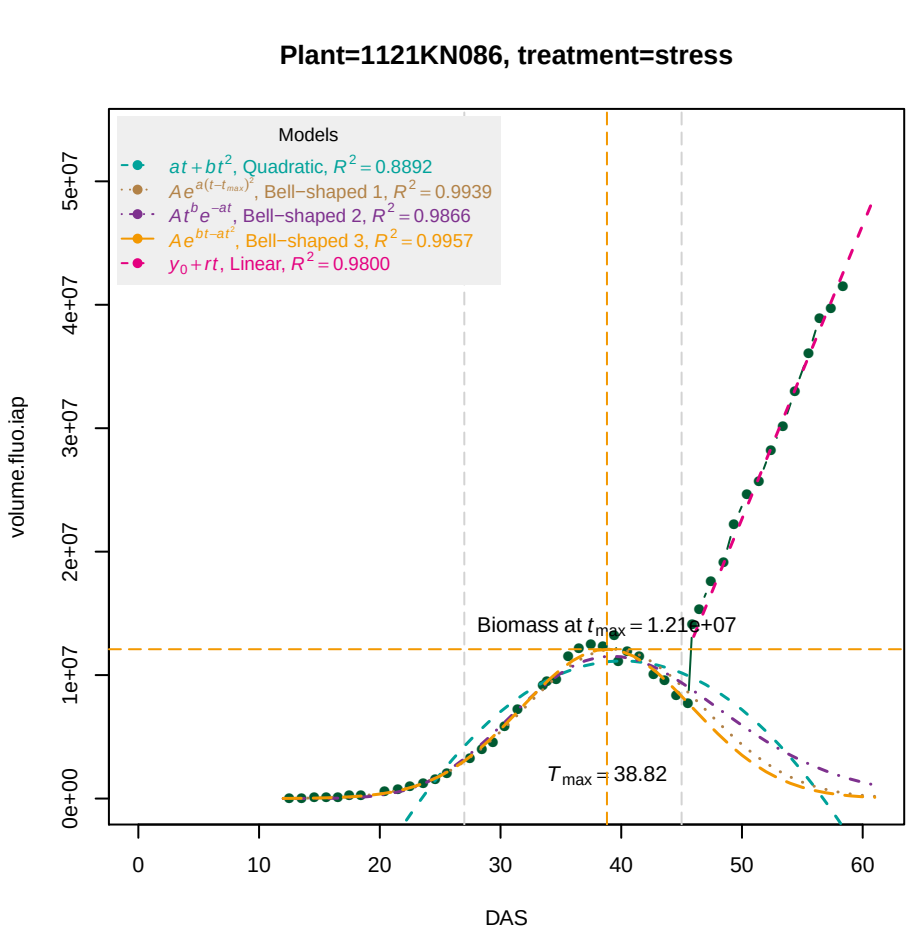

Genotype=Trumpf, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8656$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9728$
At^be^{-at}, Bell−shaped 2, $R^2=0.9643$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9728$
y_0+rt, Linear, $R^2=0.9126$
Biomass at t_{max} = 1.179e+07
T_{max} = 39.32
Plants of "Trumpf"
1121KN082
1121KN083
1121KN084
1121KN085
1121KN086
1121KN087
1121KN088
1121KN089
1121KN090
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

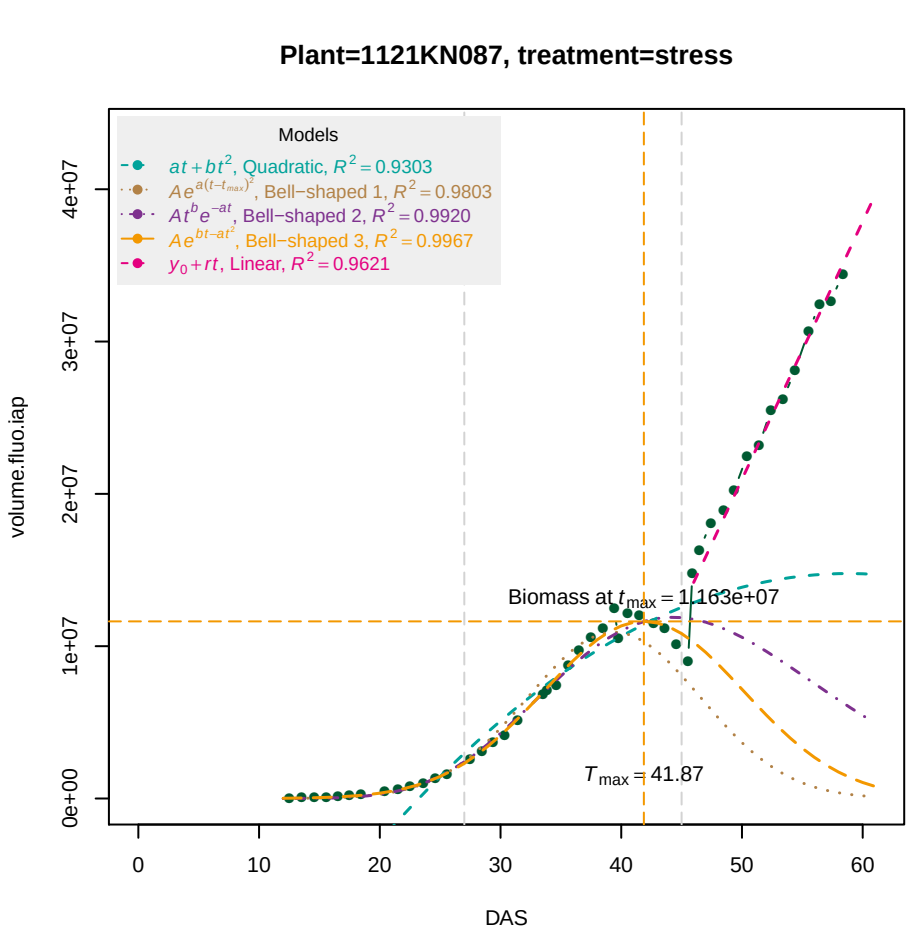

Plant=1121KN082, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8897$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9921$
At^be^{-at}, Bell−shaped 2, $R^2=0.9854$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9950$
y_0+rt, Linear, $R^2=0.9484$
Biomass at t_{max} = 1.184e+07
T_{max} = 38.69
volume.fluo.iap
DAS

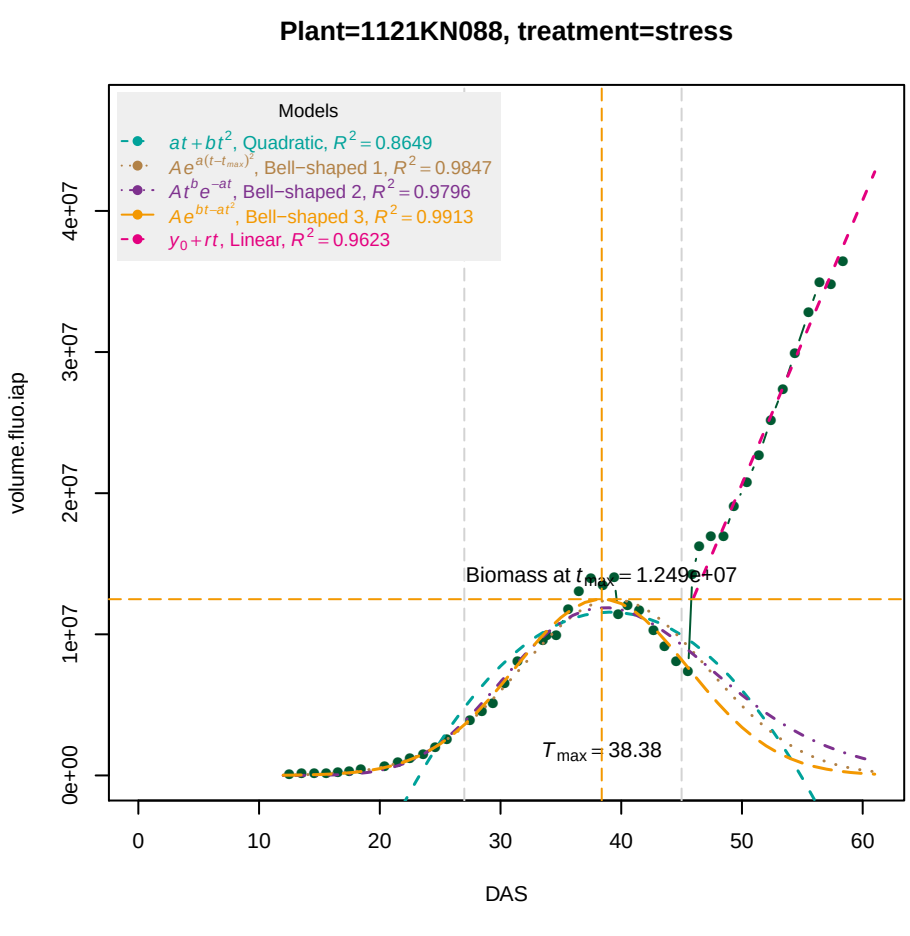

Plant=1121KN083, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8729$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9877$
At^be^{-at}, Bell−shaped 2, $R^2=0.9819$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9942$
y_0+rt, Linear, $R^2=0.9470$
Biomass at t_{max} = 1.216e+07
T_{max} = 38.39
volume.fluo.iap
DAS

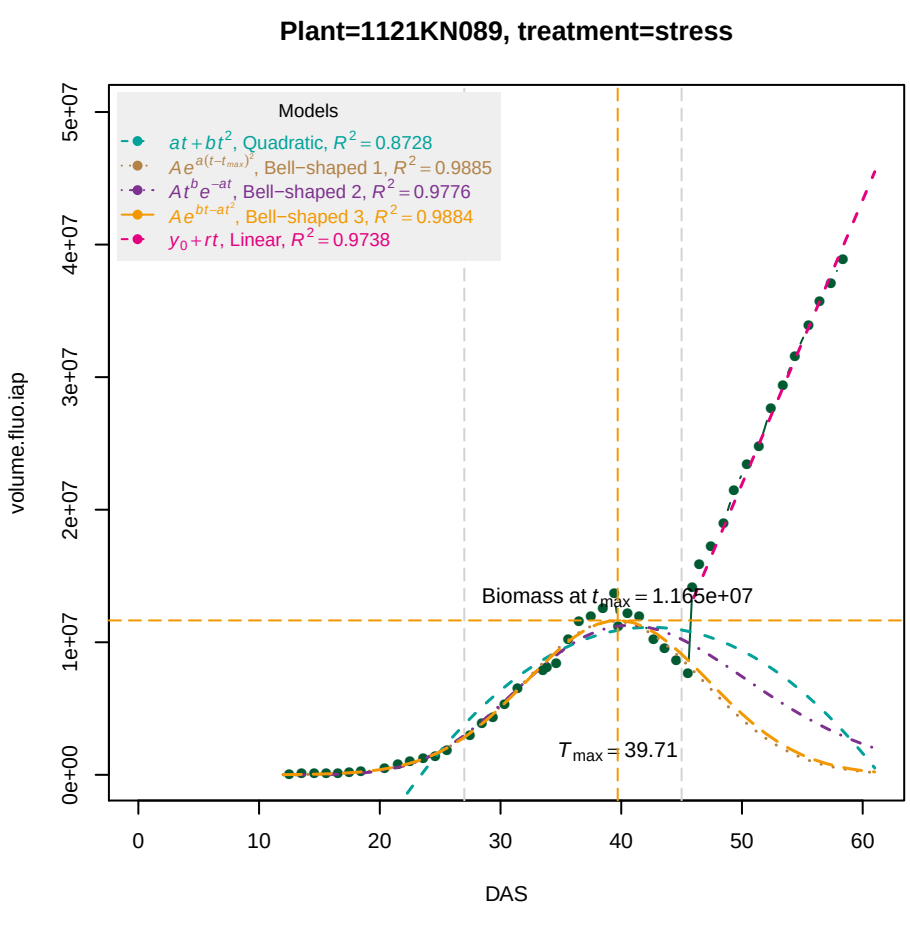

Plant=1121KN084, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8837$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9868$
At^be^{-at}, Bell−shaped 2, $R^2=0.9793$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9901$
y_0+rt, Linear, $R^2=0.9556$
Biomass at t_{max} = 1.17e+07
T_{max} = 40.4
volume.fluo.iap
DAS

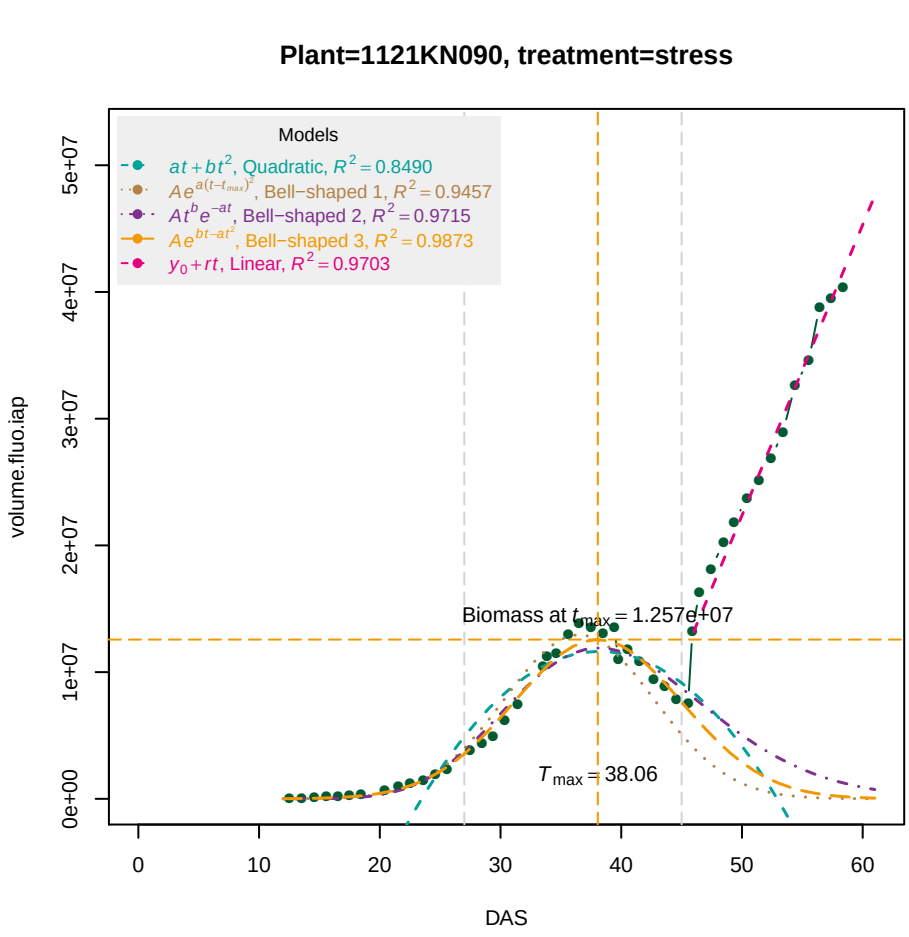

Plant=1121KN085, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9297$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9919$
At^be^{-at}, Bell−shaped 2, $R^2=0.9943$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9975$
y_0+rt, Linear, $R^2=0.9396$
Biomass at t_{max} = 1.137e+07
T_{max} = 40.67
volume.fluo.iap
DAS

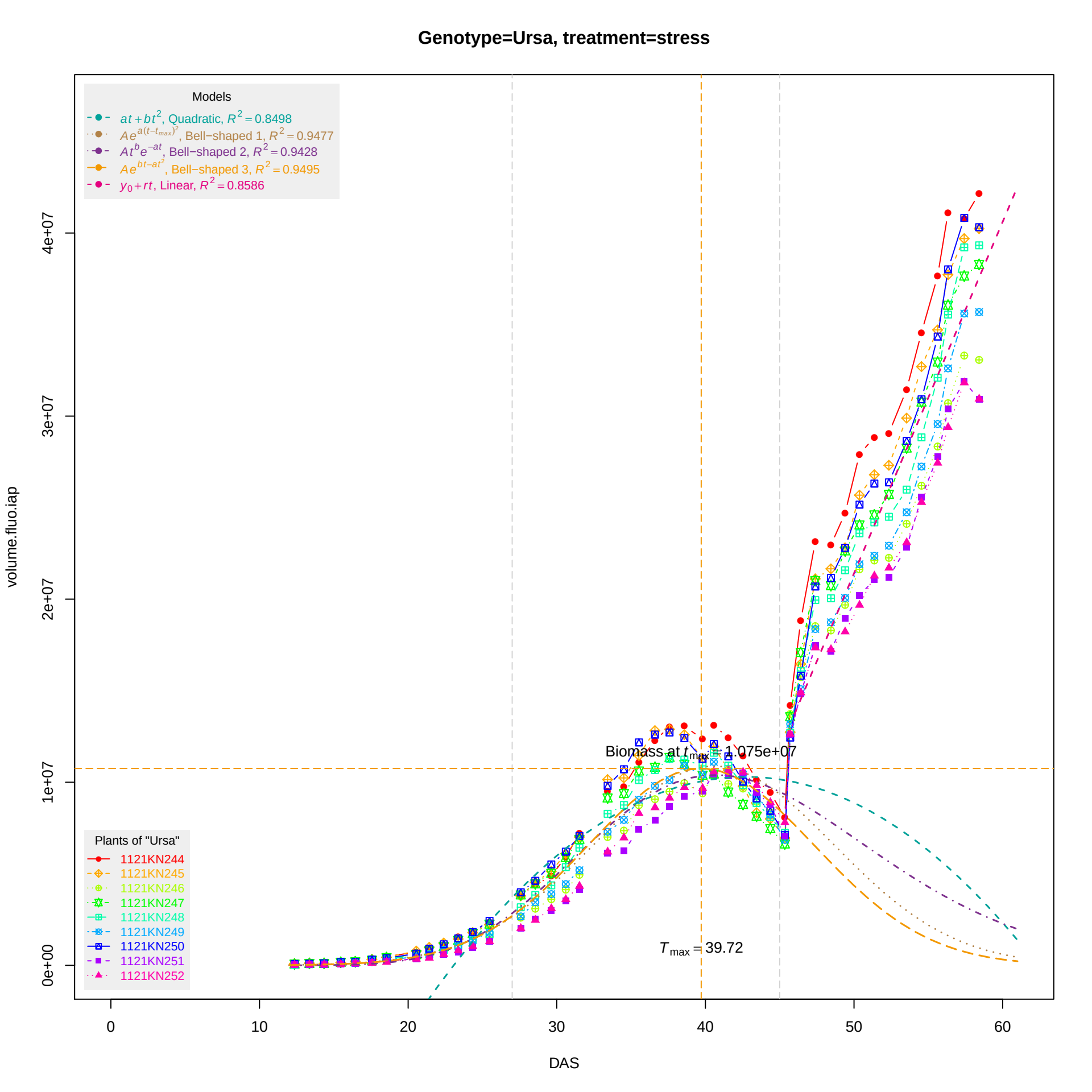

Plant=1121KN086, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8892$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9939$
At^be^{-at}, Bell−shaped 2, $R^2=0.9866$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9957$
y_0+rt, Linear, $R^2=0.9800$
Biomass at t_{max} = 1.21e+07
T_{max} = 38.82
volume.fluo.iap
DAS

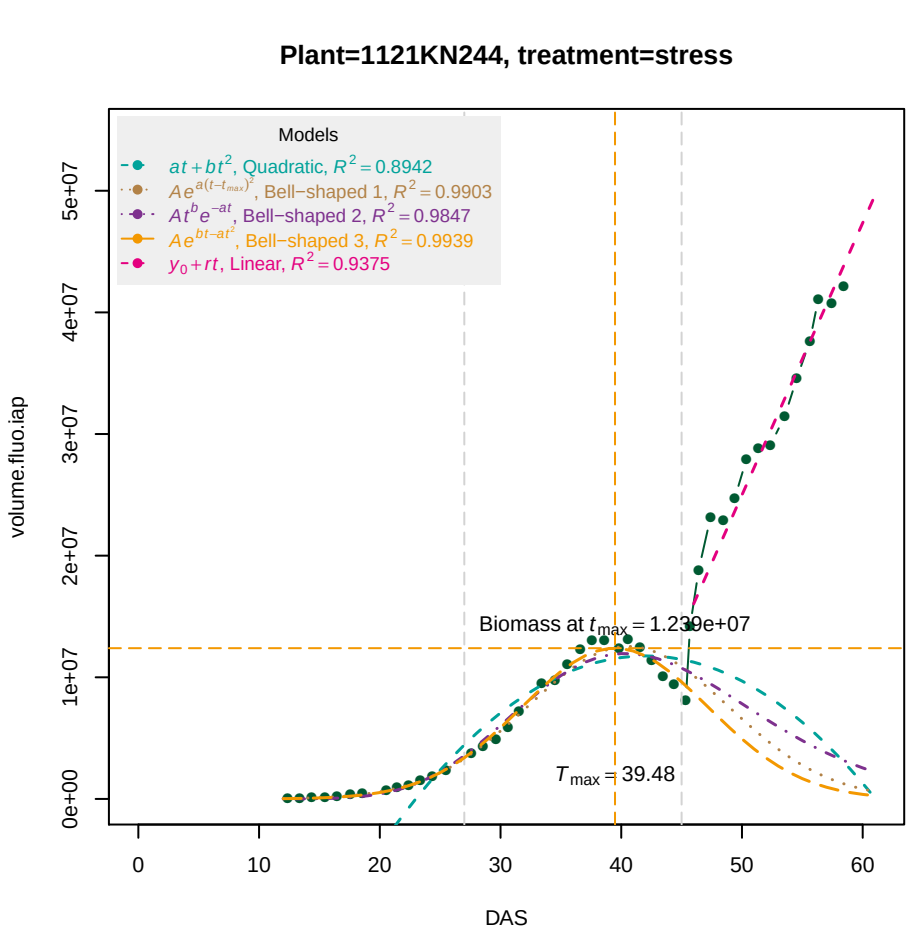

Plant=1121KN087, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9303$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9803$
At^be^{-at}, Bell−shaped 2, $R^2=0.9920$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9967$
y_0+rt, Linear, $R^2=0.9621$
Biomass at t_{max} = 1.163e+07
T_{max} = 41.87
volume.fluo.iap
DAS

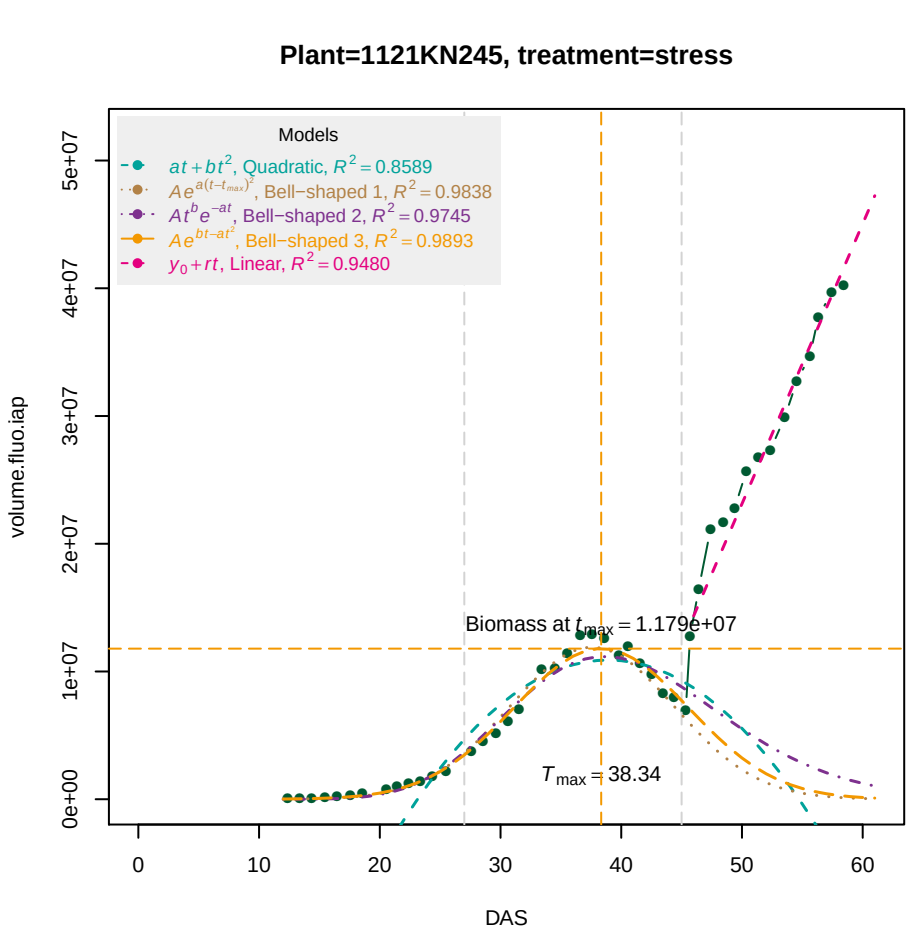

Plant=1121KN088, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8649$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9847$
At^be^{-at}, Bell−shaped 2, $R^2=0.9796$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9913$
y_0+rt, Linear, $R^2=0.9623$
Biomass at t_{max} = 1.249e+07
T_{max} = 38.38
volume.fluo.iap
DAS

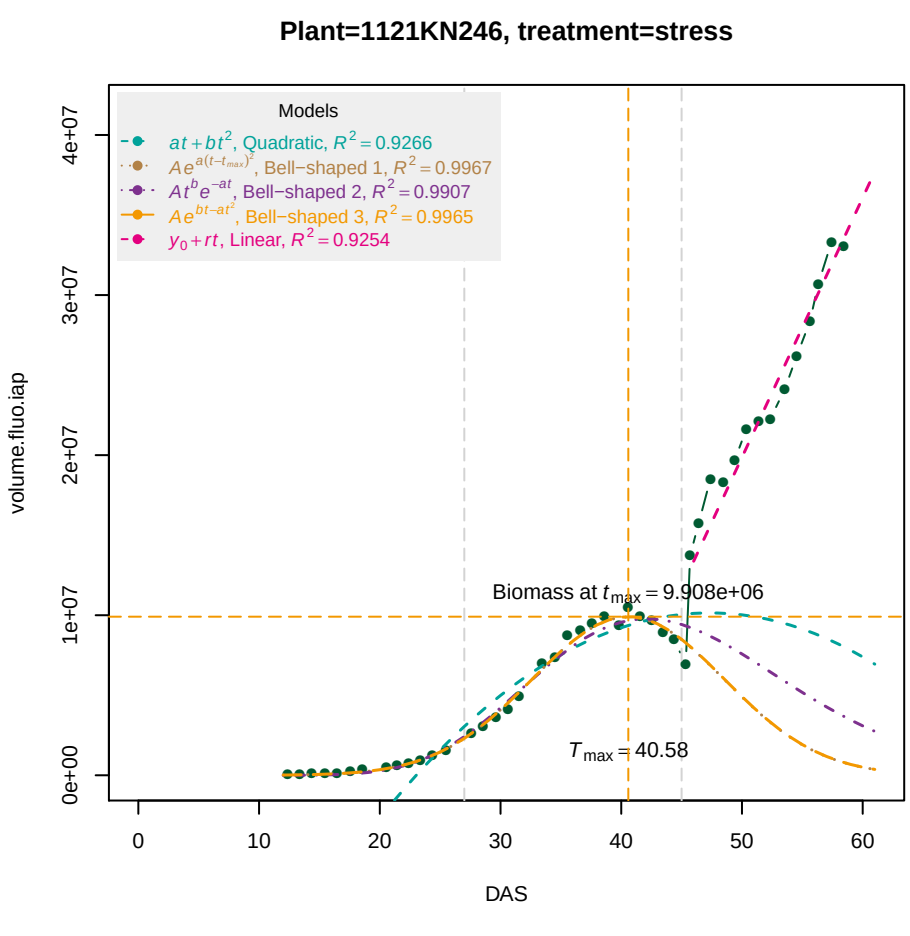

Plant=1121KN089, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8728$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9885$
At^be^{-at}, Bell−shaped 2, $R^2=0.9776$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9884$
y_0+rt, Linear, $R^2=0.9738$
Biomass at t_{max} = 1.165e+07
T_{max} = 39.71
volume.fluo.iap
DAS

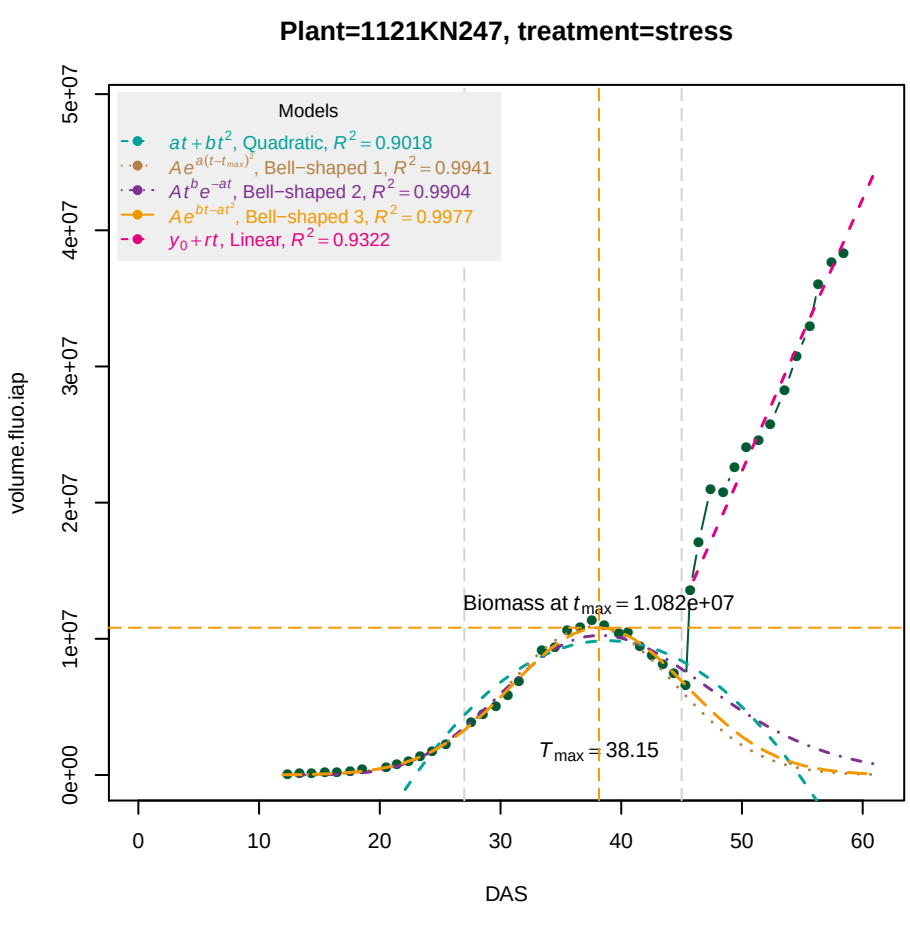

Plant=1121KN090, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8490$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9457$
At^be^{-at}, Bell−shaped 2, $R^2=0.9715$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9873$
y_0+rt, Linear, $R^2=0.9703$
Biomass at t_{max} = 1.257e+07
T_{max} = 38.06
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
5e+07
0
10
20
30
40
50
60
DAS

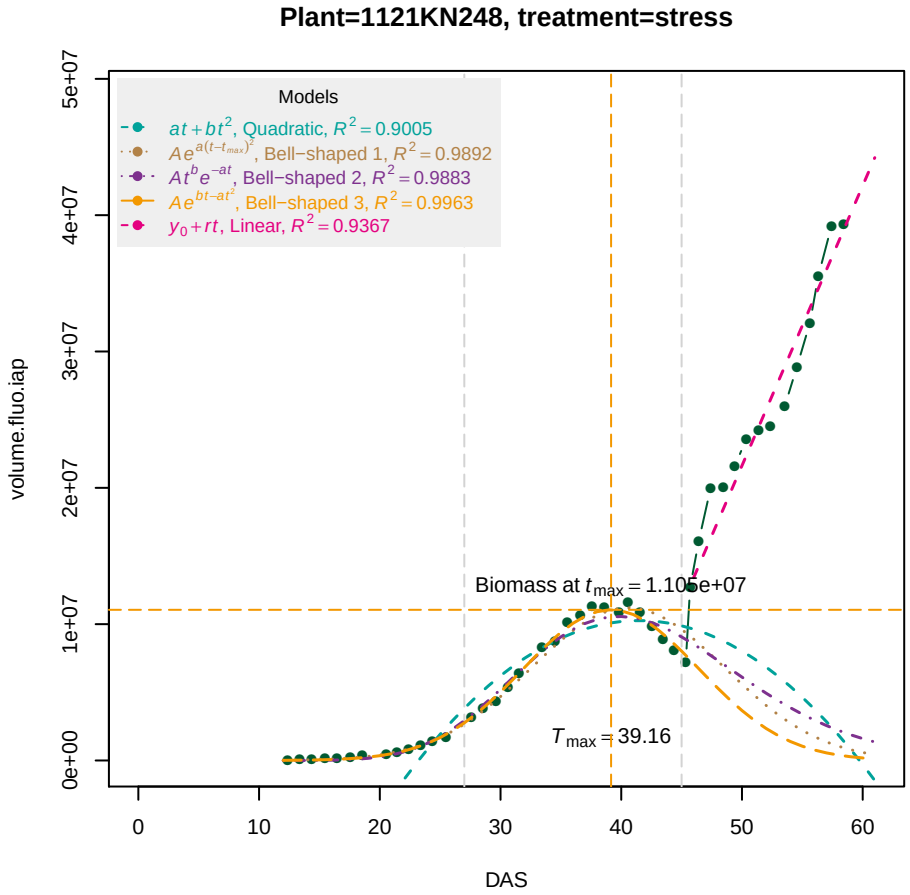

Genotype=Ursa, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8498$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9477$
At^be^{-at}, Bell−shaped 2, $R^2=0.9428$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9495$
y_0+rt, Linear, $R^2=0.8586$
Biomass at t_{max} = 1.075e+07
T_{max} = 39.72
Plants of "Ursa"
1121KN244
1121KN245
1121KN246
1121KN247
1121KN248
1121KN249
1121KN250
1121KN251
1121KN252
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

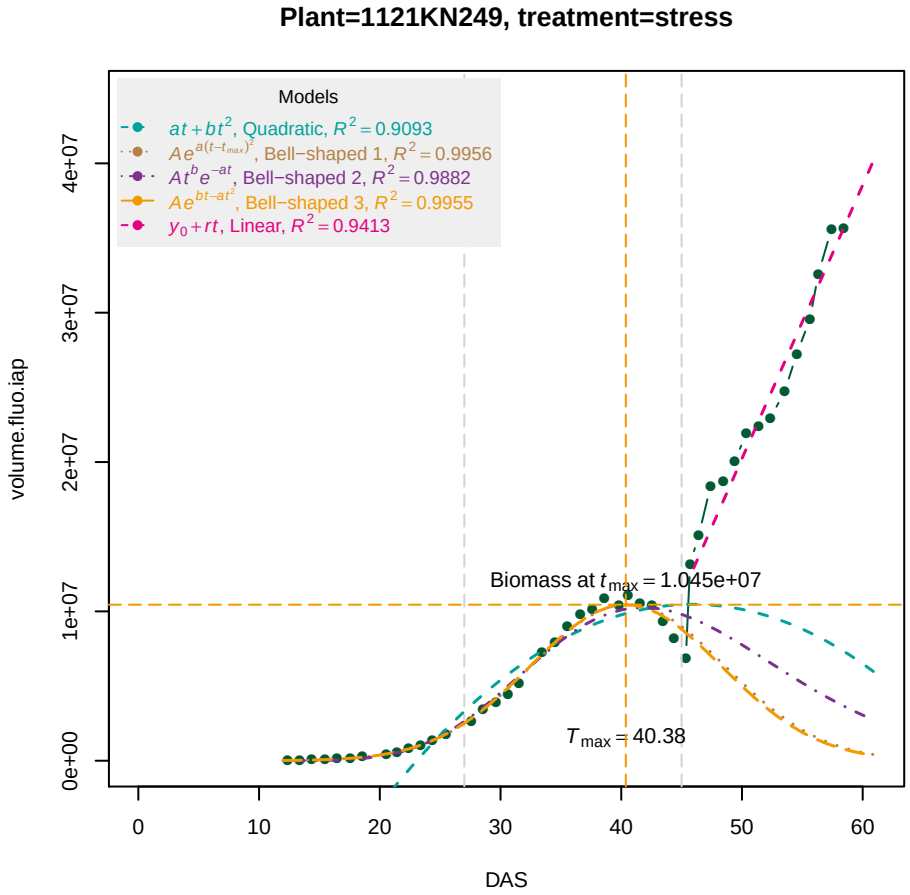

Plant=1121KN244, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8942$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9903$
At^be^{-at}, Bell−shaped 2, $R^2=0.9847$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9939$
y_0+rt, Linear, $R^2=0.9375$
Biomass at t_{max} = 1.239e+07
T_{max} = 39.48
volume.fluo.iap
DAS

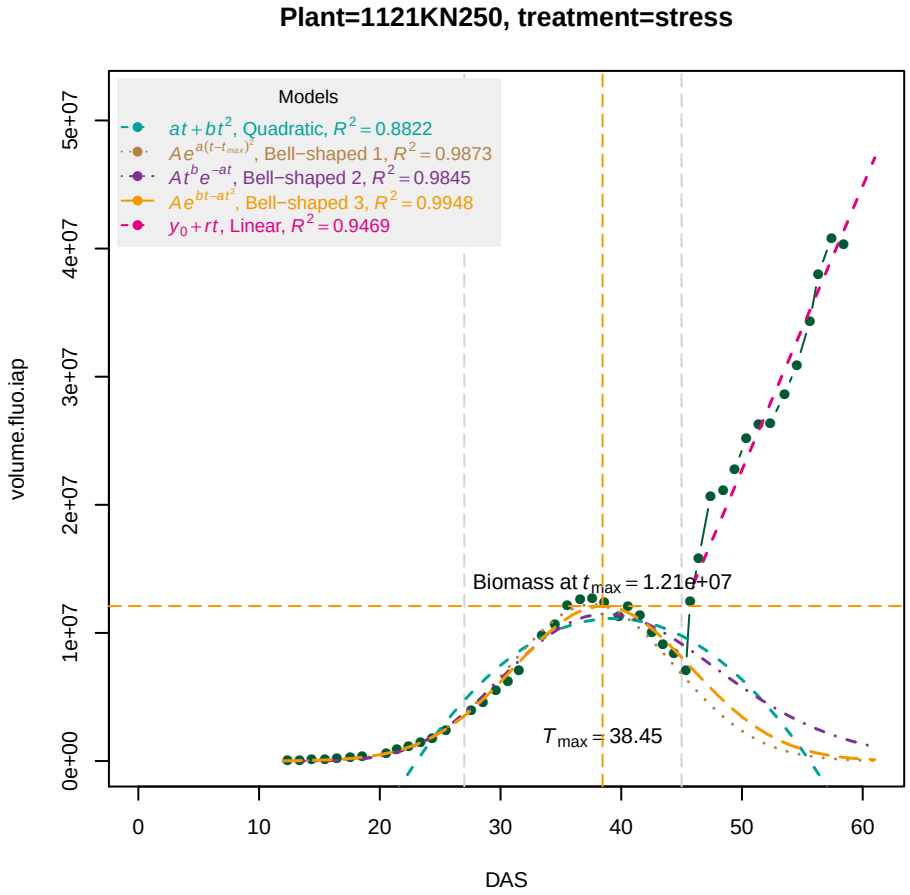

Plant=1121KN245, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8589$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9838$
At^be^{-at}, Bell−shaped 2, $R^2=0.9745$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9893$
y_0+rt, Linear, $R^2=0.9480$
Biomass at t_{max} = 1.179e+07
T_{max} = 38.34
volume.fluo.iap
DAS

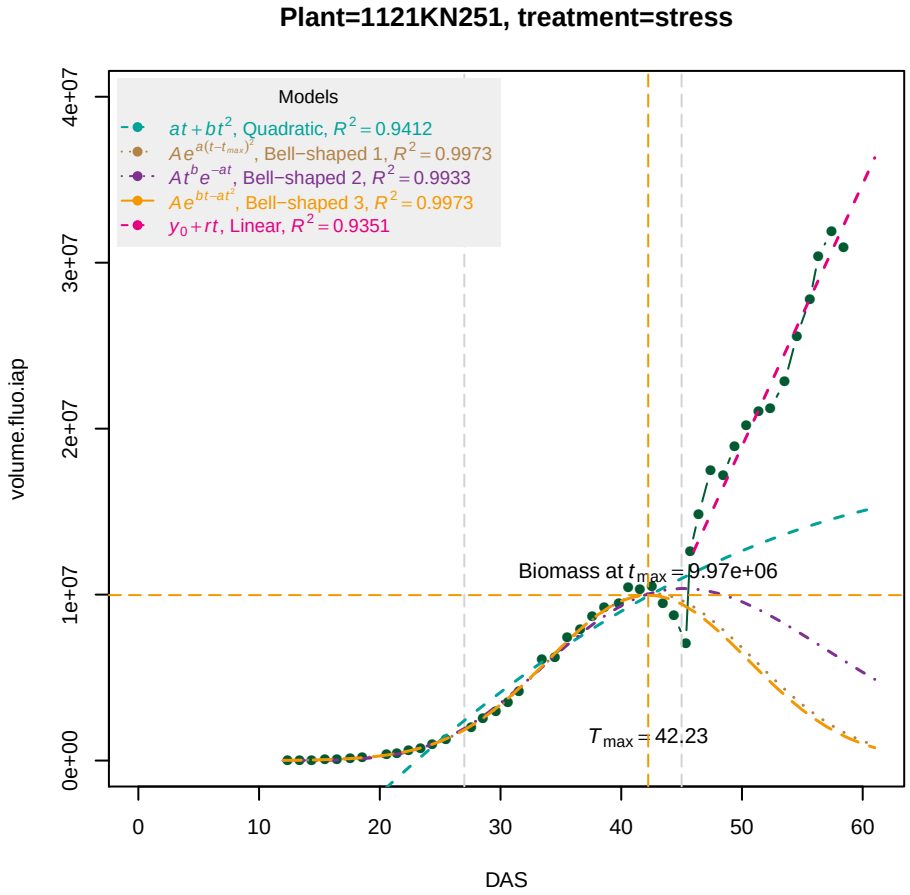

Plant=1121KN246, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9266$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9967$
At^be^{-at}, Bell−shaped 2, $R^2=0.9907$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9965$
y_0+rt, Linear, $R^2=0.9254$
Biomass at t_{max} = 9.908e+06
T_{max} = 40.58
volume.fluo.iap
DAS

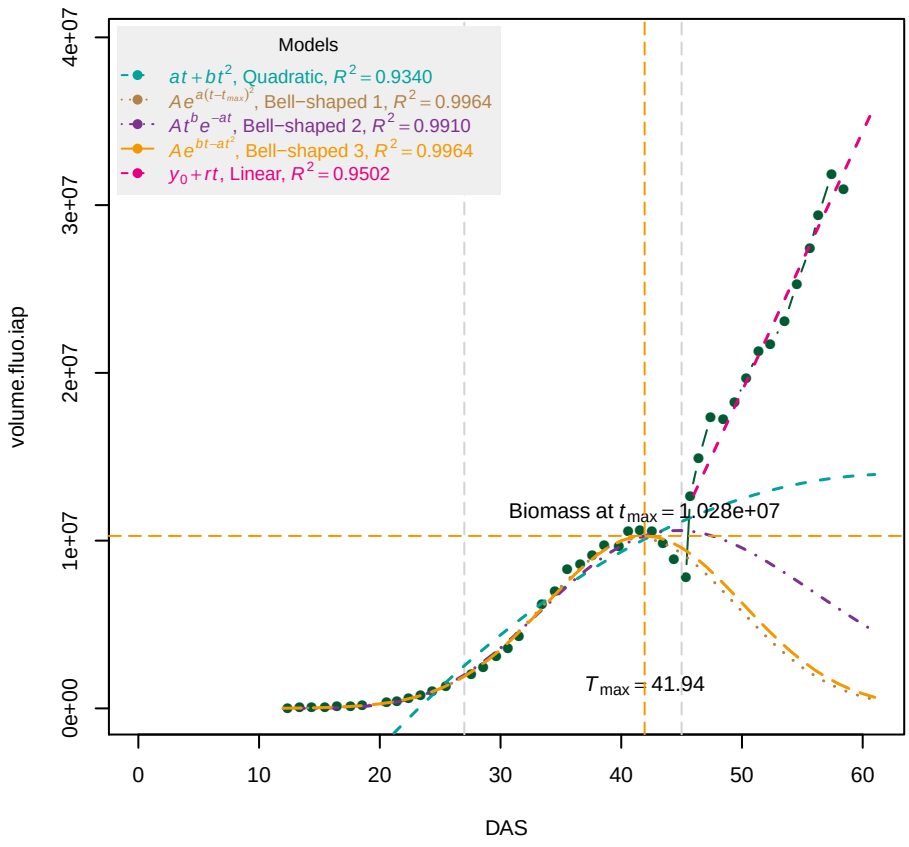

Plant=1121KN247, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9018$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9941$
At^be^{-at}, Bell−shaped 2, $R^2=0.9904$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9977$
y_0+rt, Linear, $R^2=0.9322$
Biomass at t_{max} = 1.082e+07
T_{max} = 38.15
volume.fluo.iap
DAS

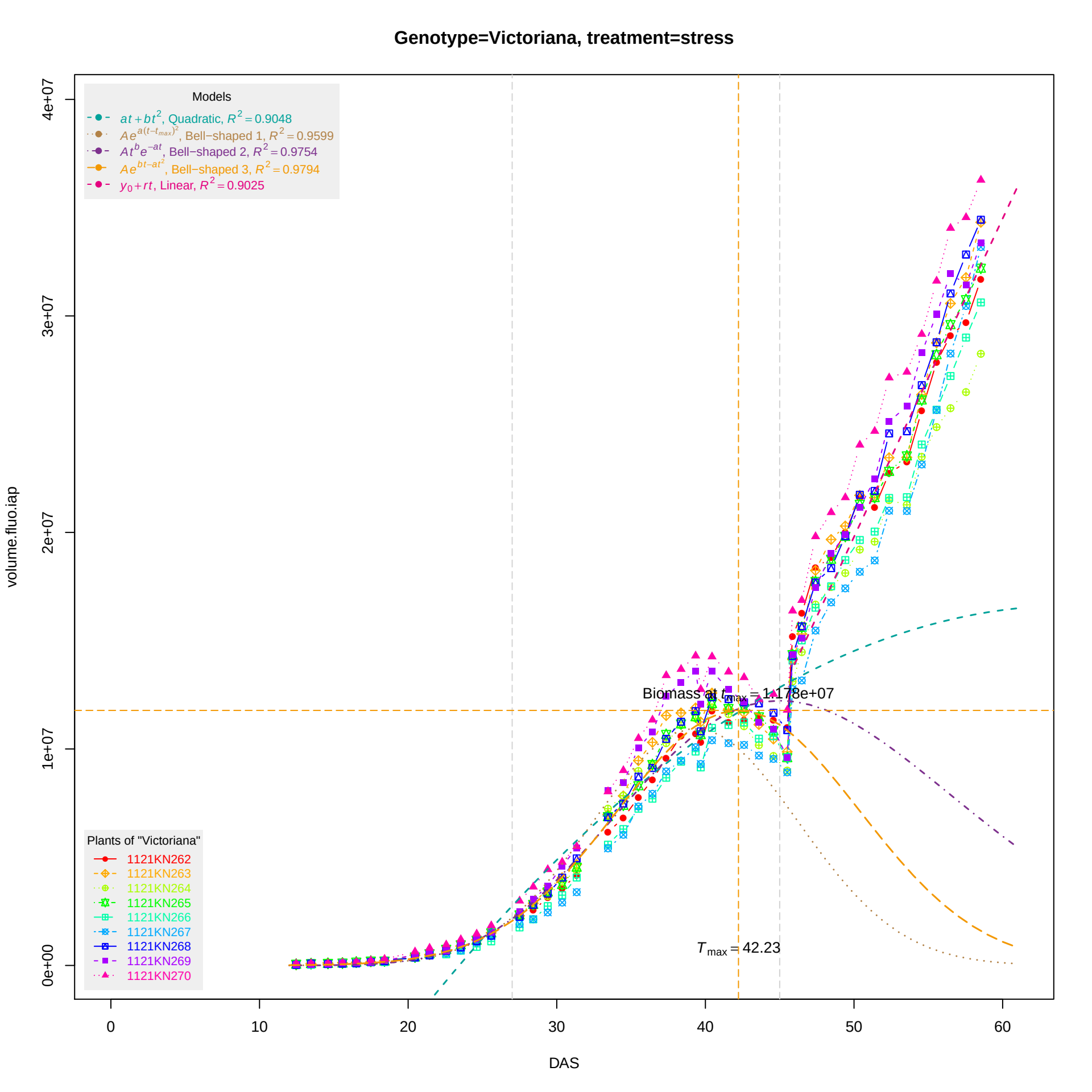

Plant=1121KN248, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9005$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9892$
At^be^{-at}, Bell−shaped 2, $R^2=0.9883$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9963$
y_0+rt, Linear, $R^2=0.9367$
Biomass at t_{max} = 1.105e+07
T_{max} = 39.16
volume.fluo.iap
DAS

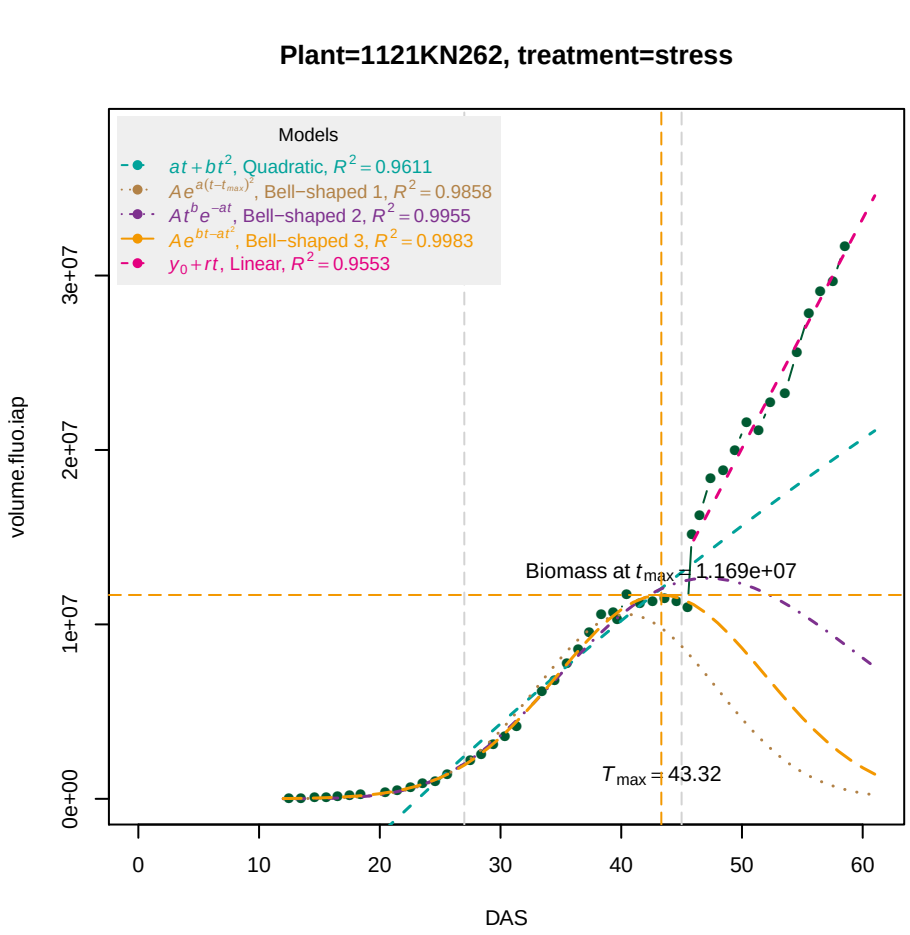

Plant=1121KN249, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9093$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9956$
At^be^{-at}, Bell−shaped 2, $R^2=0.9882$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9955$
y_0+rt, Linear, $R^2=0.9413$
Biomass at t_{max} = 1.045e+07
T_{max} = 40.38
volume.fluo.iap
DAS

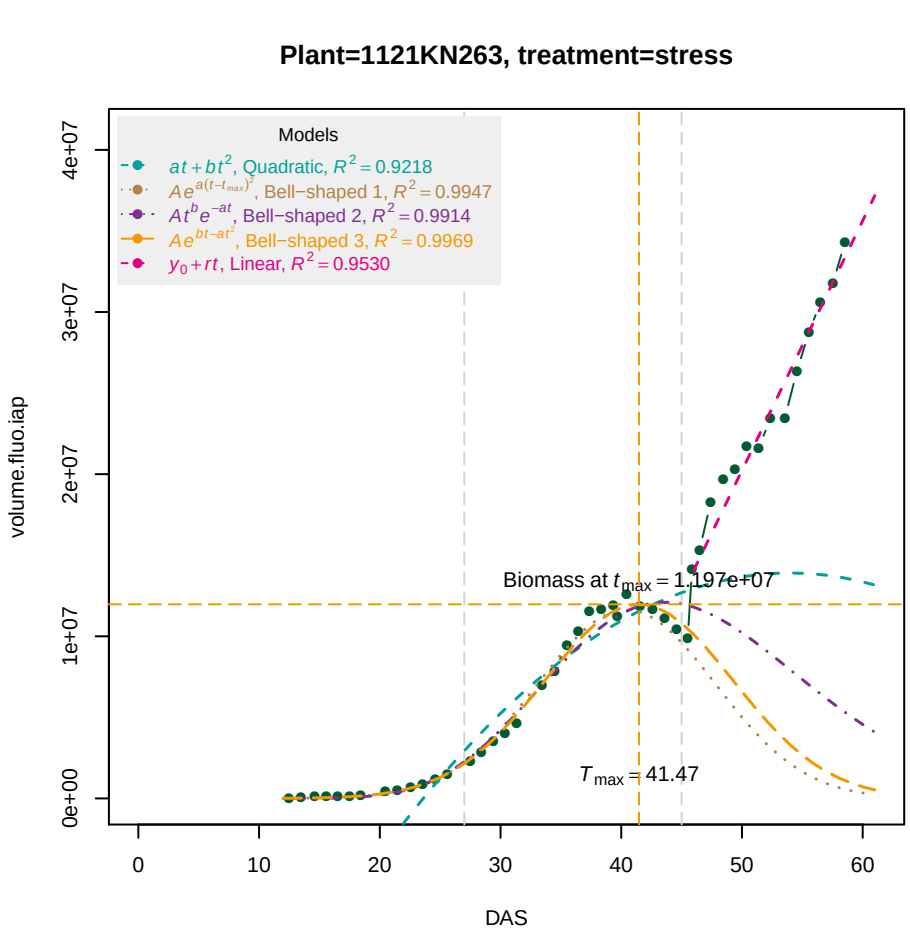

Plant=1121KN250, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8822$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9873$
At^be^{-at}, Bell−shaped 2, $R^2=0.9845$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9948$
y_0+rt, Linear, $R^2=0.9469$
Biomass at t_{max} = 1.21e+07
T_{max} = 38.45
volume.fluo.iap
DAS

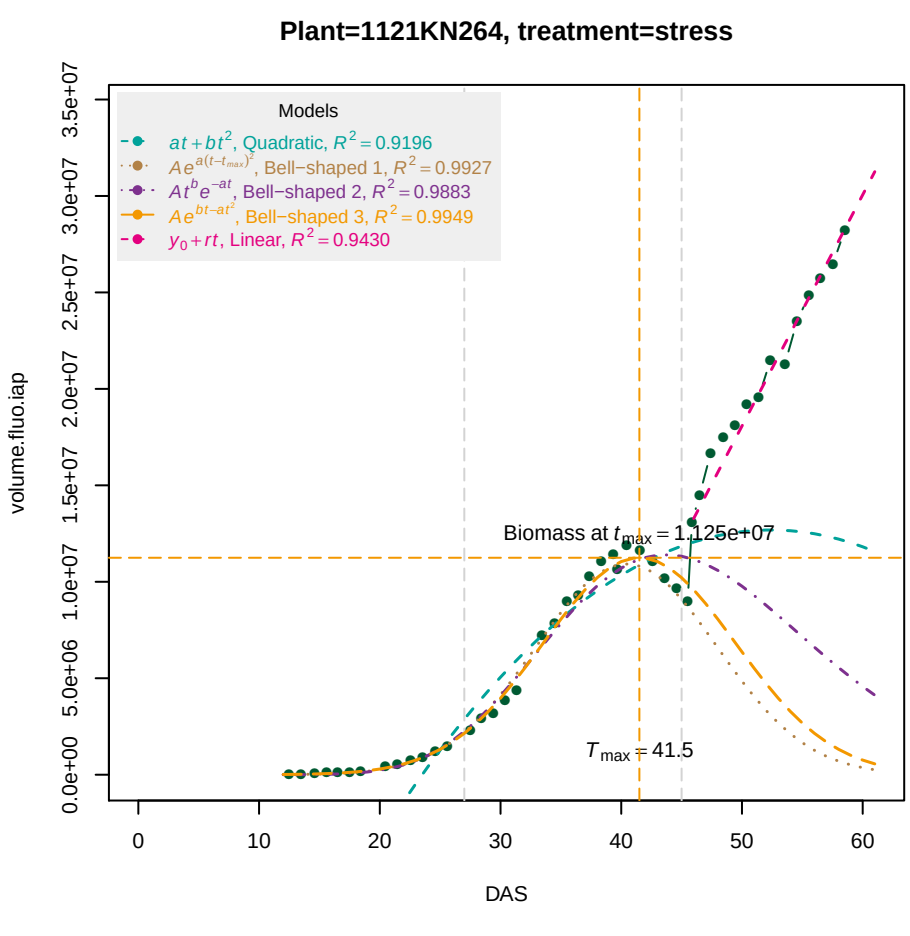

Plant=1121KN251, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9412$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9973$
At^be^{-at}, Bell−shaped 2, $R^2=0.9933$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9973$
y_0+rt, Linear, $R^2=0.9351$
Biomass at t_{max} = 9.97e+06
T_{max} = 42.23
volume.fluo.iap
DAS

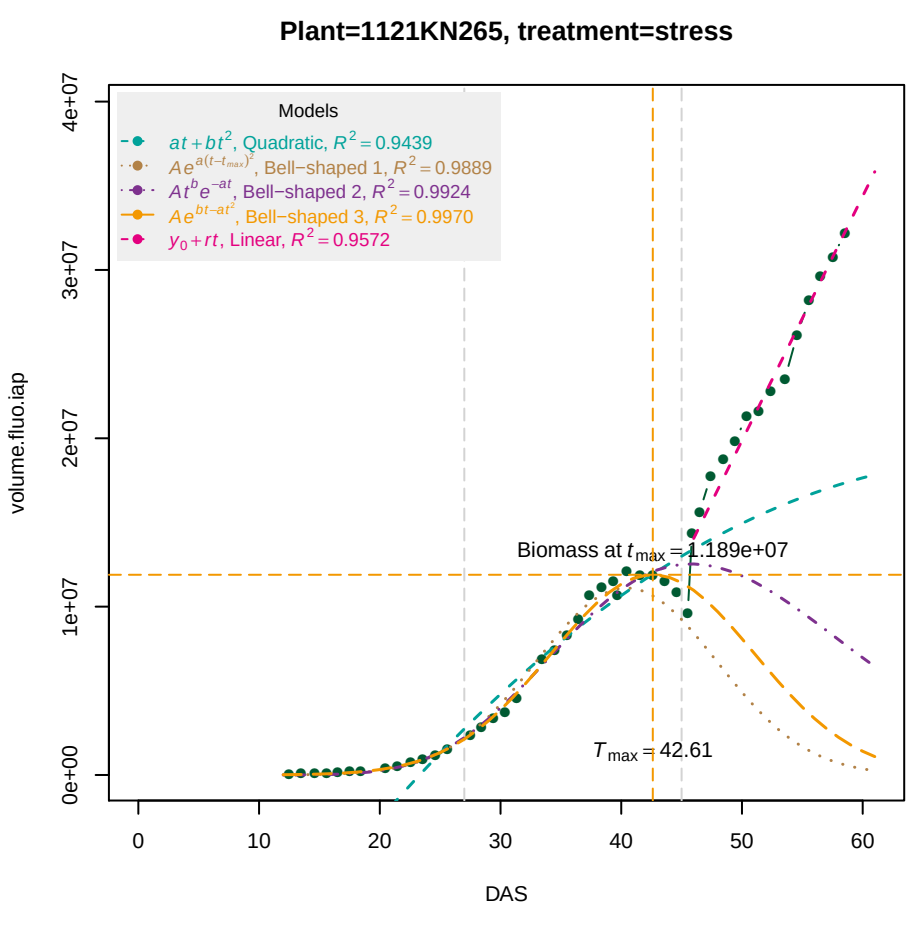

Plant=1121KN252, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9340$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9964$
At^be^{-at}, Bell−shaped 2, $R^2=0.9910$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9964$
y_0+rt, Linear, $R^2=0.9502$
Biomass at t_{max} = 1.028e+07
T_{max} = 41.94
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

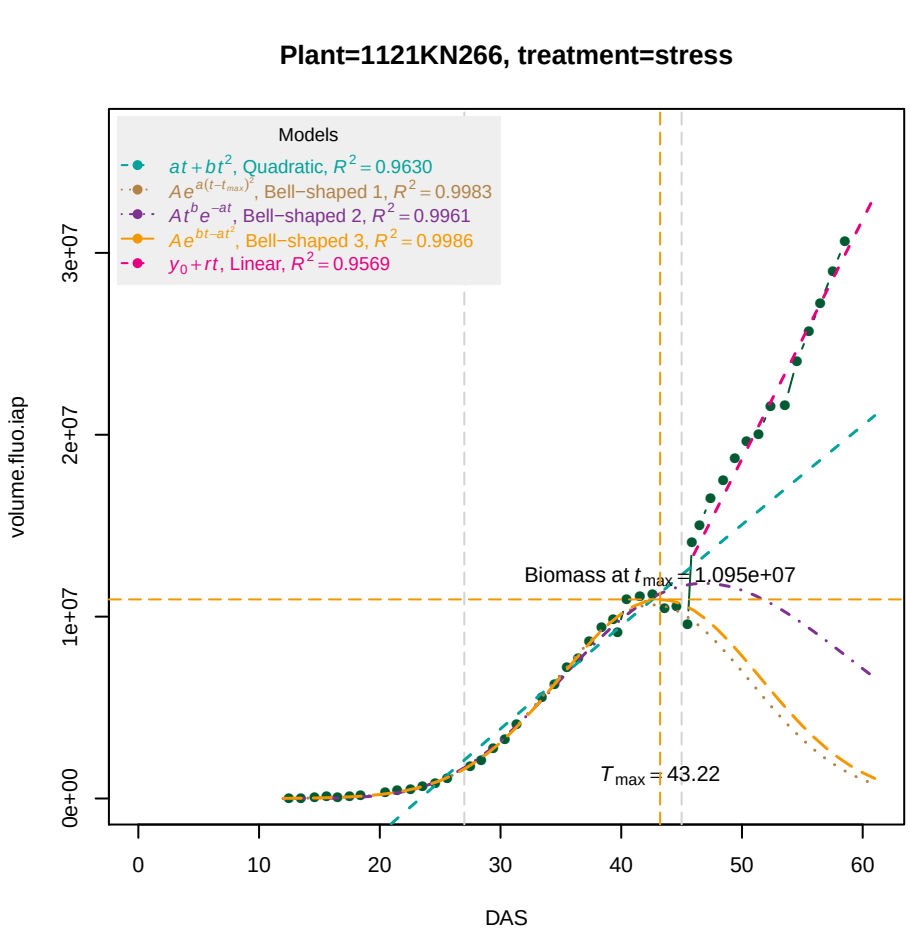

Genotype=Victoriana, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9048$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9599$
At^be^{-at}, Bell−shaped 2, $R^2=0.9754$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9794$
y_0+rt, Linear, $R^2=0.9025$
Biomass at t_{max} = 1.1178e+07
T_{max} = 42.23
Plants of "Victoriana"
1121KN262
1121KN263
1121KN264
1121KN265
1121KN266
1121KN267
1121KN268
1121KN269
1121KN270
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

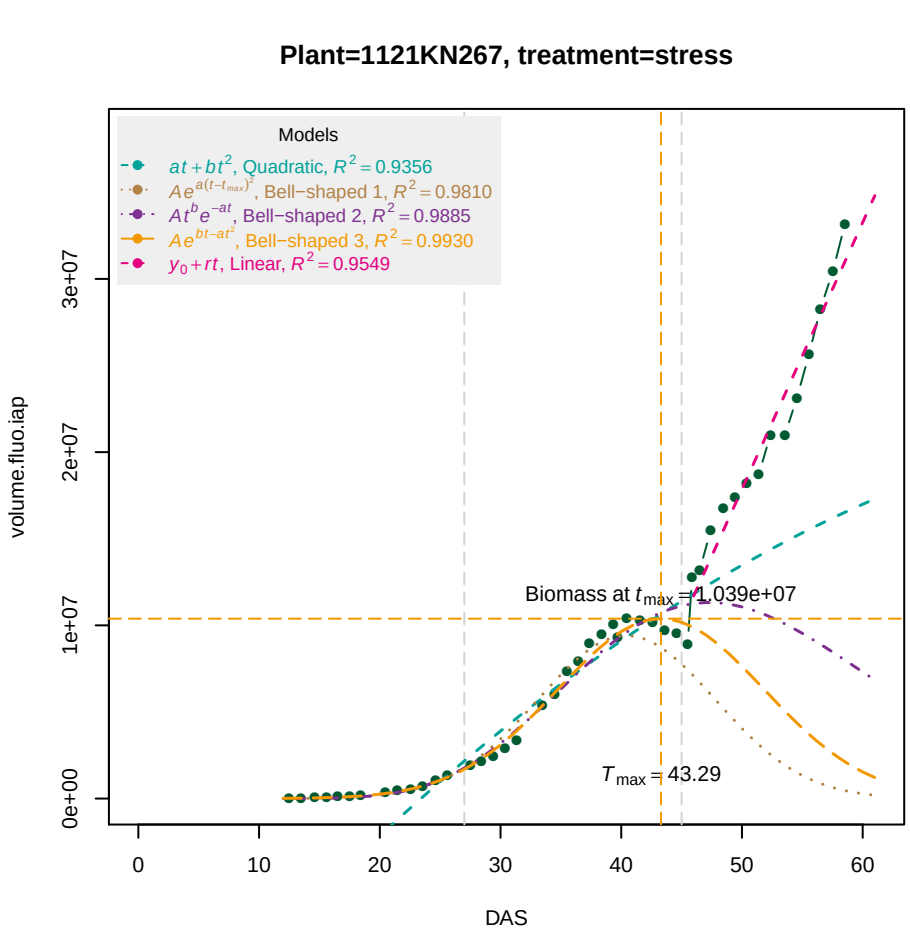

Plant=1121KN262, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9611$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9858$
At^be^{-at}, Bell−shaped 2, $R^2=0.9955$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9983$
y_0+rt, Linear, $R^2=0.9553$
Biomass at t_{max} = 1.169e+07
T_{max} = 43.32
volume.fluo.iap
DAS

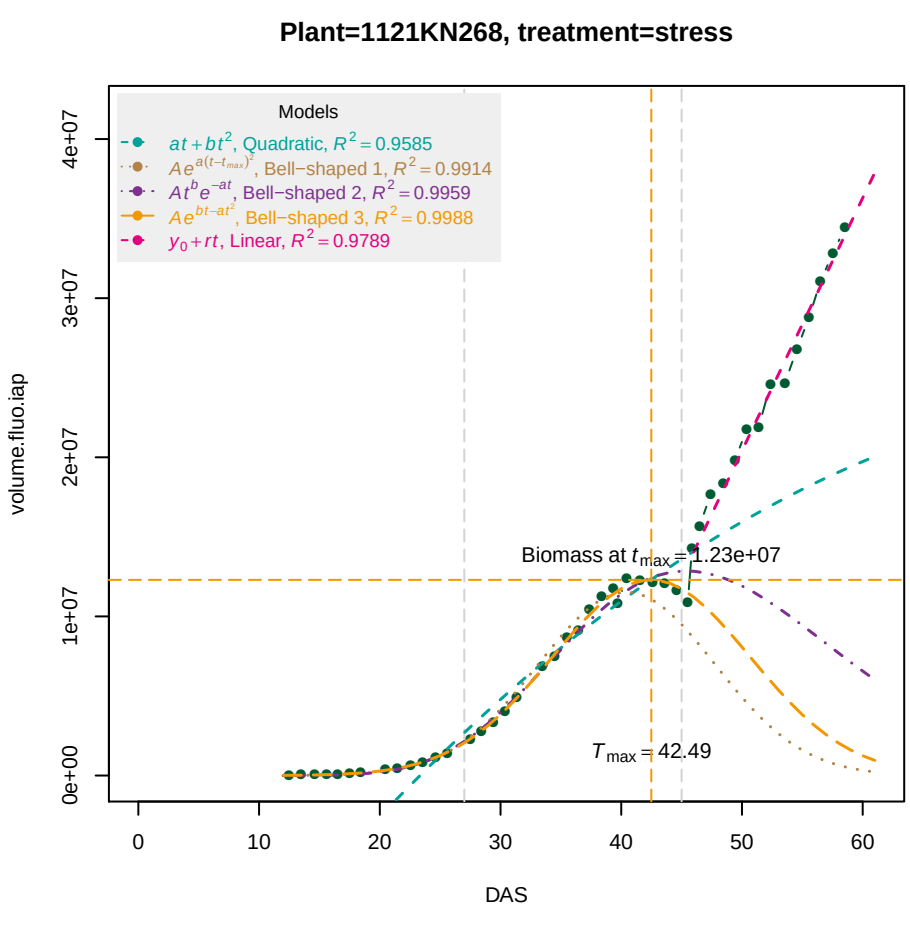

Plant=1121KN263, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9218$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9947$
At^be^{-at}, Bell−shaped 2, $R^2=0.9914$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9969$
y_0+rt, Linear, $R^2=0.9530$
Biomass at t_{max} = 1.197e+07
T_{max} = 41.47
volume.fluo.iap
DAS

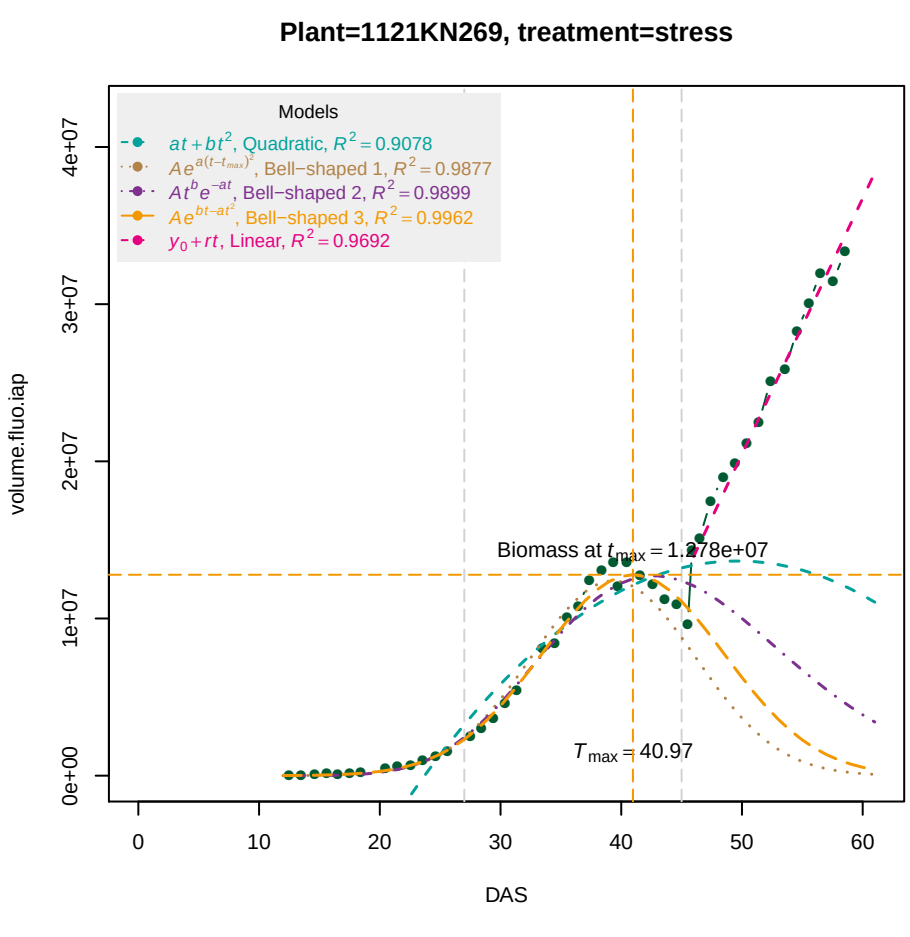

Plant=1121KN264, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9196$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9927$
At^be^{-at}, Bell−shaped 2, $R^2=0.9883$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9949$
y_0+rt, Linear, $R^2=0.9430$
Biomass at t_{max} = 1.125e+07
T_{max} = 41.5
volume.fluo.iap
DAS

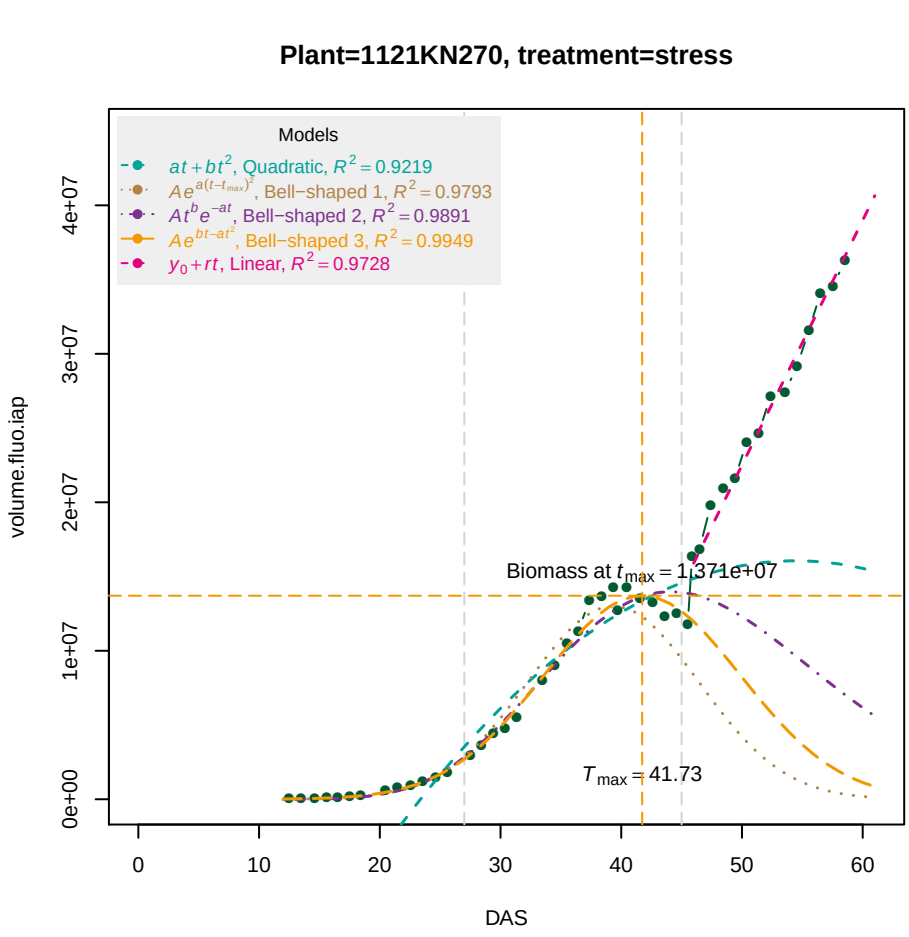

Plant=1121KN265, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9439$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9889$
At^be^{-at}, Bell−shaped 2, $R^2=0.9924$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9970$
y_0+rt, Linear, $R^2=0.9572$
Biomass at t_{max} = 1.189e+07
T_{max} = 42.61
volume.fluo.iap
DAS

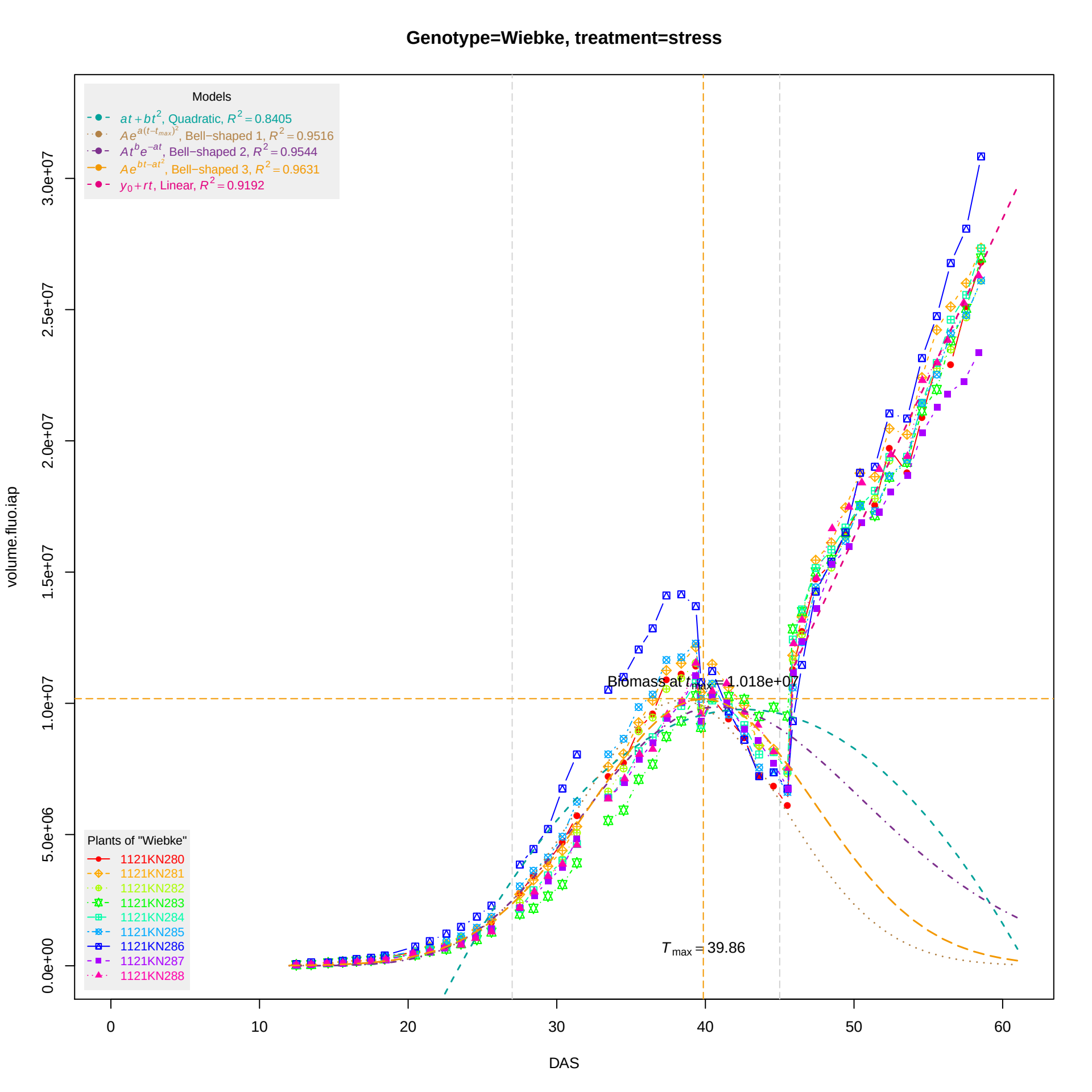

Plant=1121KN266, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9630$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9983$
At^be^{-at}, Bell−shaped 2, $R^2=0.9961$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9986$
y_0+rt, Linear, $R^2=0.9569$
Biomass at t_{max} = 1.095e+07
T_{max} = 43.22
volume.fluo.iap
DAS

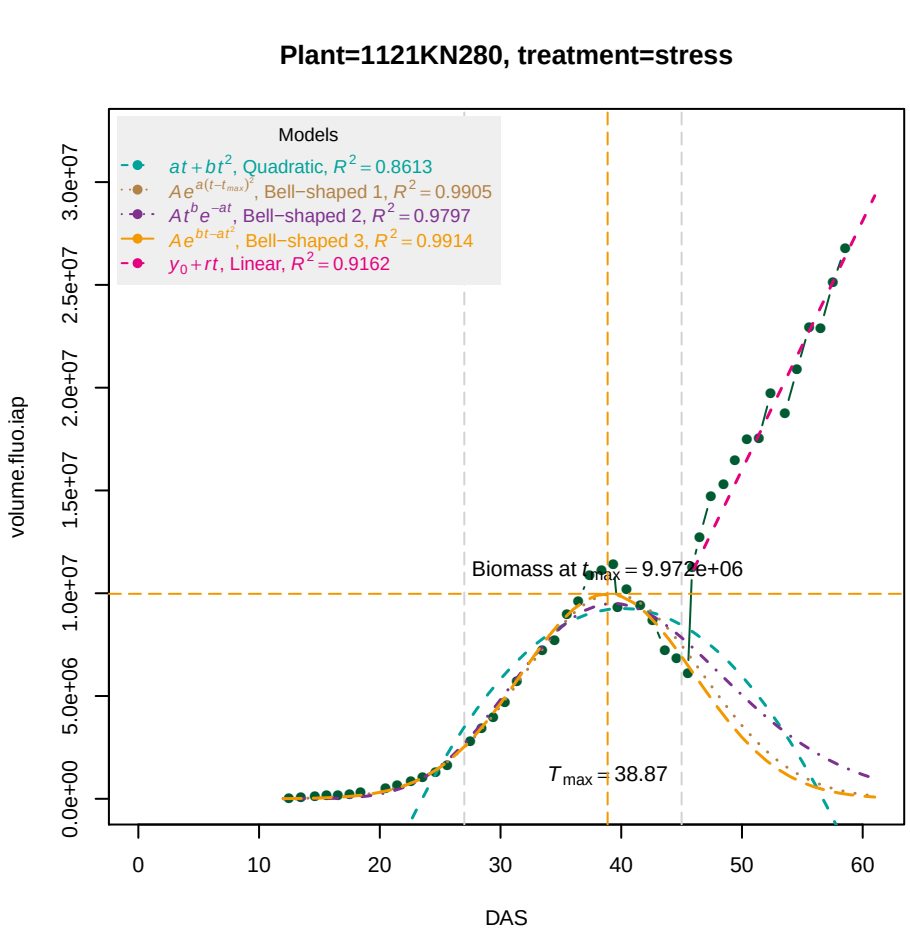

Plant=1121KN267, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9356$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9810$
At^be^{-at}, Bell−shaped 2, $R^2=0.9885$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9930$
y_0+rt, Linear, $R^2=0.9549$
Biomass at t_{max} = 1.039e+07
T_{max} = 43.29
volume.fluo.iap
DAS

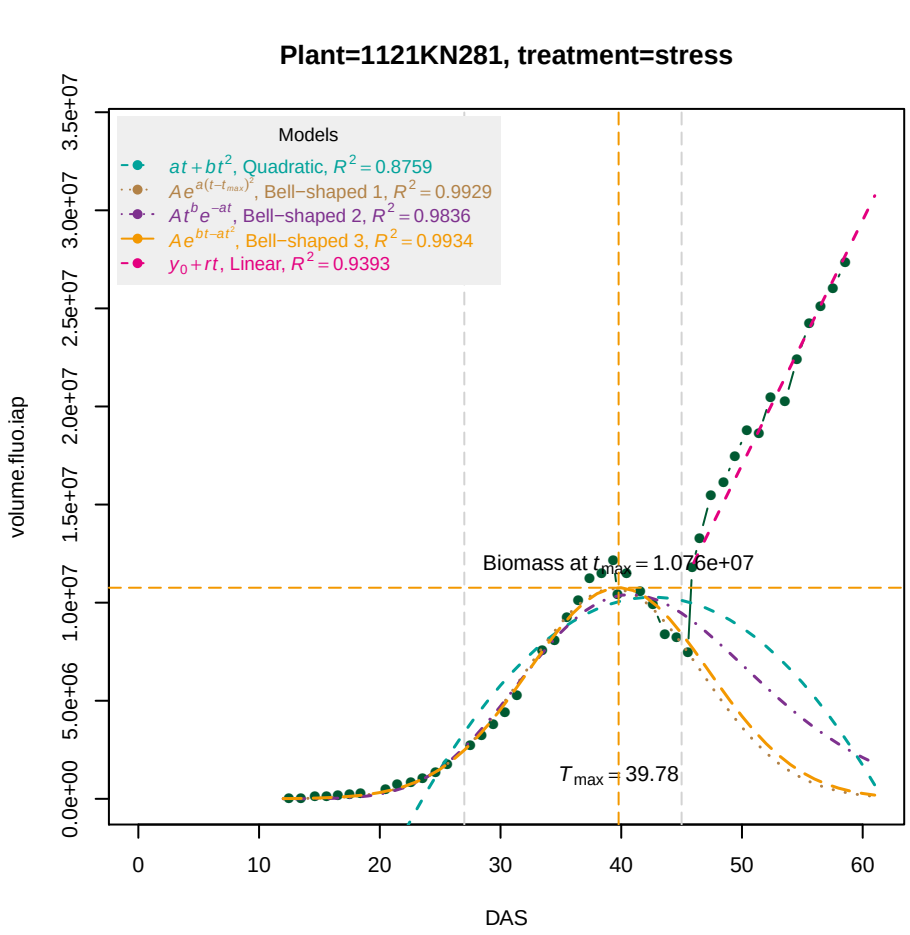

Plant=1121KN268, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9585$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9914$
At^be^{-at}, Bell−shaped 2, $R^2=0.9959$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9988$
y_0+rt, Linear, $R^2=0.9789$
Biomass at t_{max} = 1.23e+07
T_{max} = 42.49
volume.fluo.iap
DAS

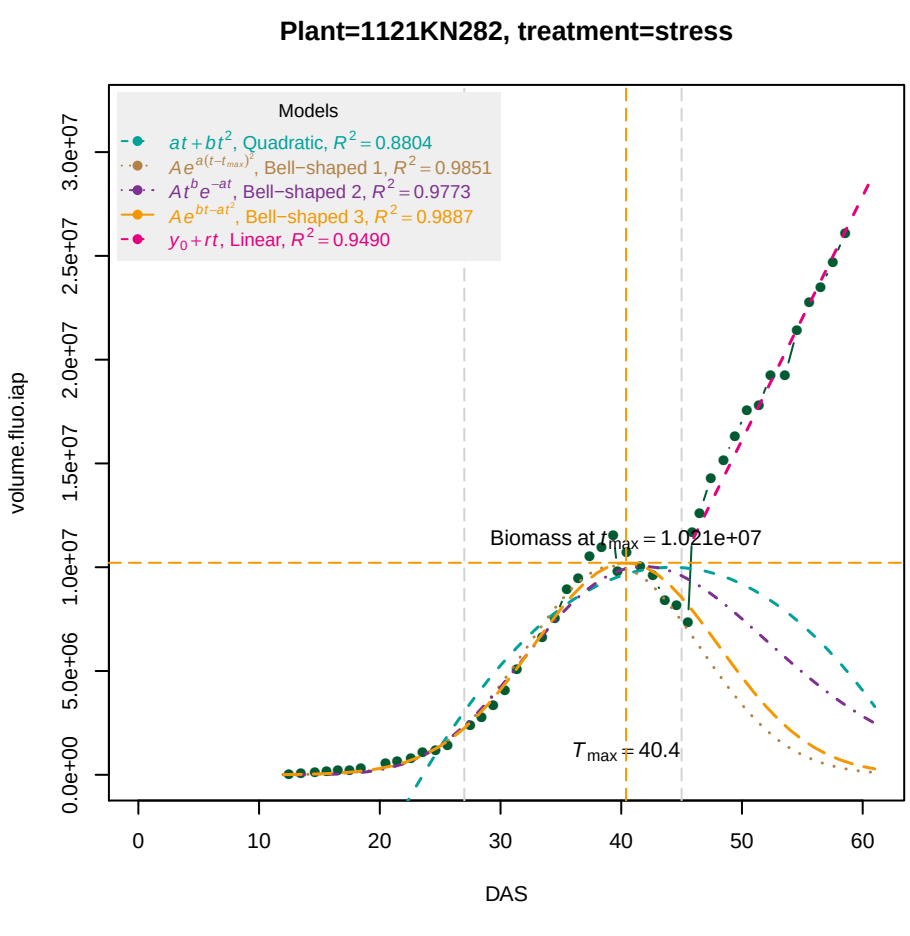

Plant=1121KN269, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9078$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9877$
At^be^{-at}, Bell−shaped 2, $R^2=0.9899$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9962$
y_0+rt, Linear, $R^2=0.9692$
Biomass at t_{max} = 1.278e+07
T_{max} = 40.97
volume.fluo.iap
DAS

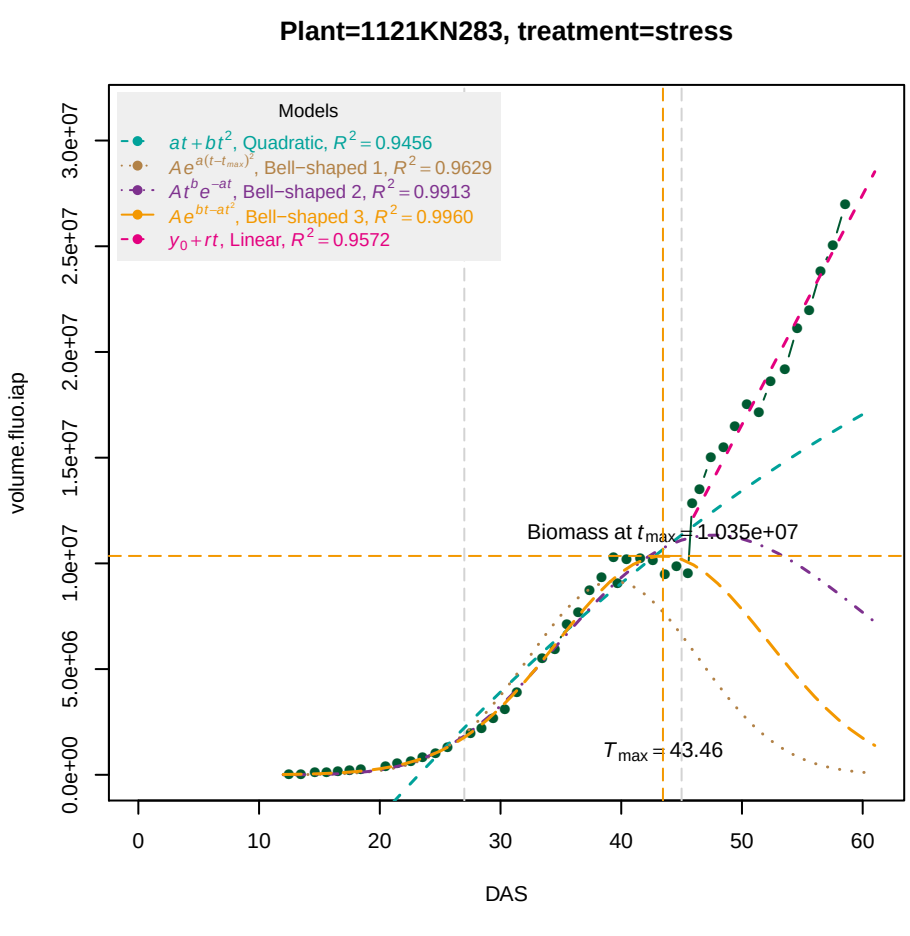

Plant=1121KN270, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9219$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9793$
At^be^{-at}, Bell−shaped 2, $R^2=0.9891$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9949$
y_0+rt, Linear, $R^2=0.9728$
Biomass at t_{max} = 1.371e+07
T_{max} = 41.73
volume.fluo.iap
0e+00
1e+07
2e+07
3e+07
4e+07
0
10
20
30
40
50
60
DAS

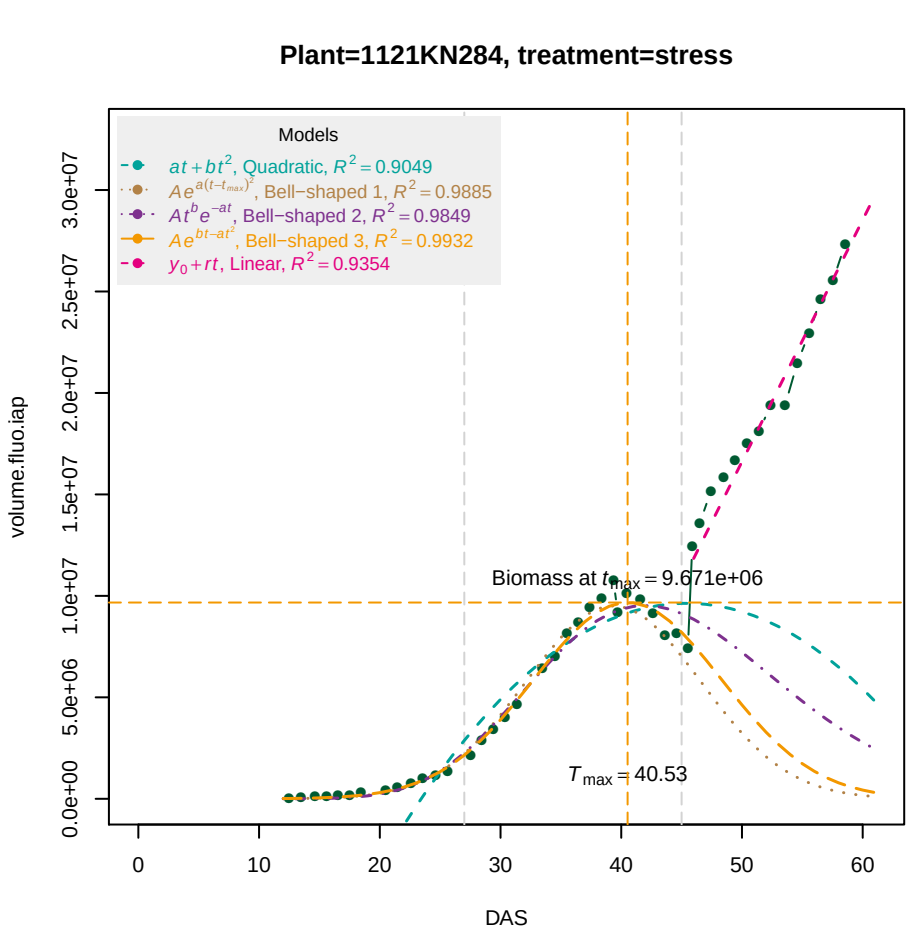

Genotype=Wiebke, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8405$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9516$
At^be^{-at}, Bell−shaped 2, $R^2=0.9544$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9631$
y_0+rt, Linear, $R^2=0.9192$
Plants of "Wiebke"
1121KN280
1121KN281
1121KN282
1121KN283
1121KN284
1121KN285
1121KN286
1121KN287
1121KN288
Biomass at t_{max}=1.018e+07
T_{max} = 39.86
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
3.0e+07
0
10
20
30
40
50
60
DAS

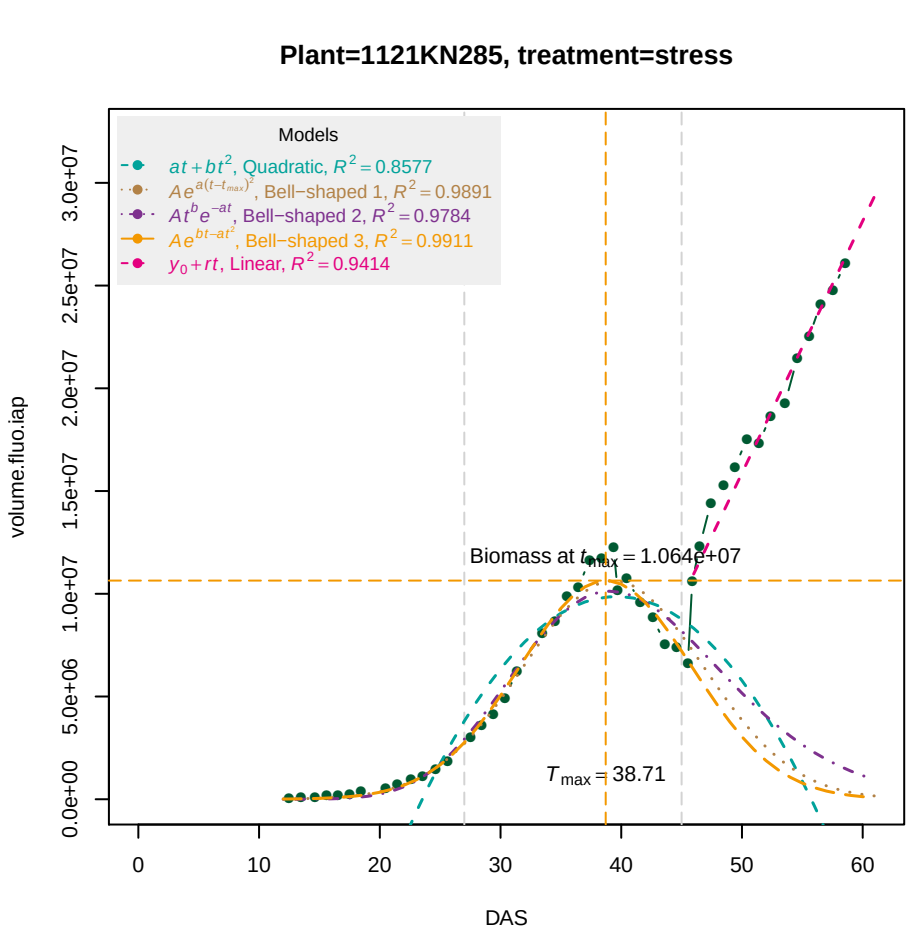

Plant=1121KN280, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8613$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9905$
At^be^{-at}, Bell−shaped 2, $R^2=0.9797$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9914$
y_0+rt, Linear, $R^2=0.9162$
Biomass at t_{max} = 9.972e+06
T_{max} = 38.87
volume.fluo.iap
DAS

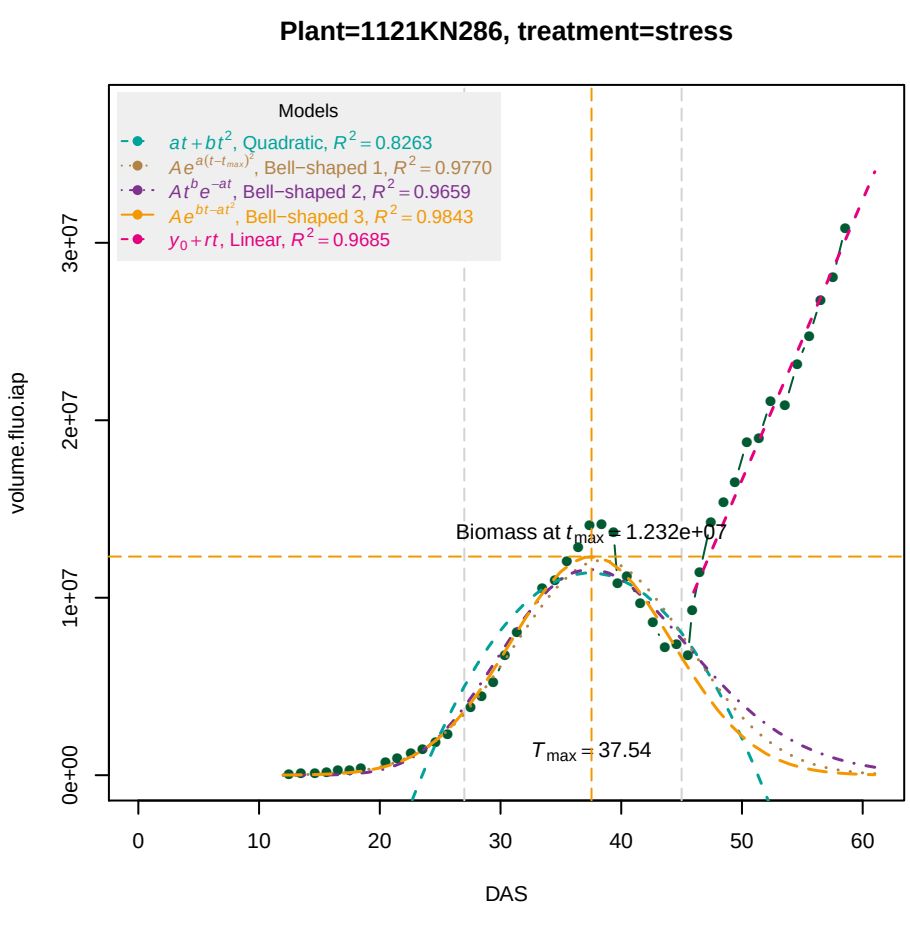

Plant=1121KN281, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8759$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9929$
At^be^{-at}, Bell−shaped 2, $R^2=0.9836$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9934$
y_0+rt, Linear, $R^2=0.9393$
Biomass at t_{max} = 1.076e+07
T_{max} = 39.78
volume.fluo.iap
DAS

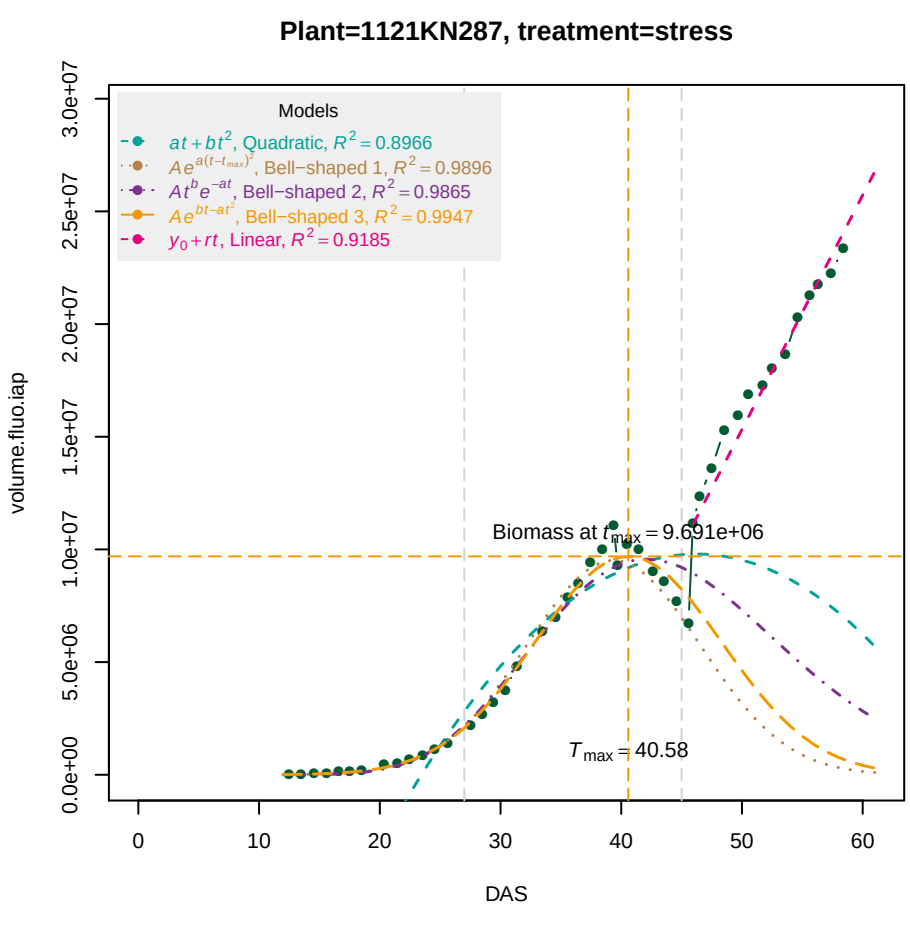

Plant=1121KN282, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8804$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9851$
At^be^{-at}, Bell−shaped 2, $R^2=0.9773$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9887$
y_0+rt, Linear, $R^2=0.9490$
Biomass at t_{max} = 1.021e+07
T_{max} = 40.4
volume.fluo.iap
DAS

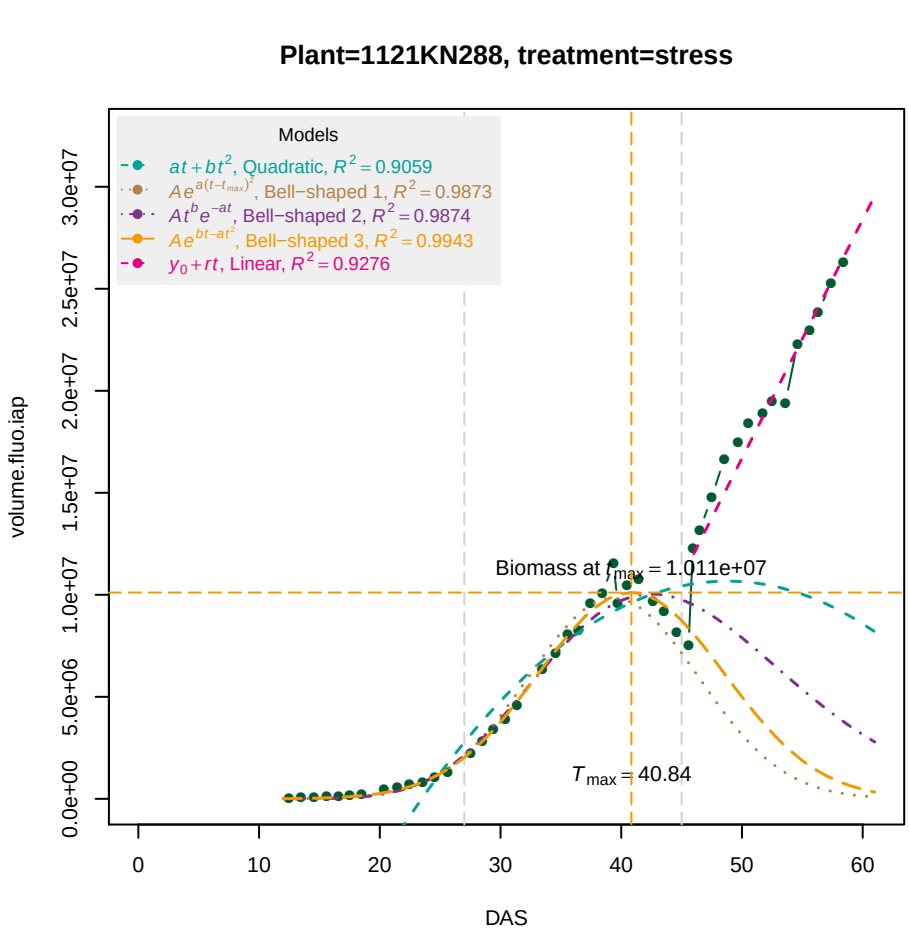

Plant=1121KN283, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9456$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9629$
At^be^{-at}, Bell−shaped 2, $R^2=0.9913$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9960$
y_0+rt, Linear, $R^2=0.9572$
Biomass at t_{max} = 1.035e+07
T_{max} = 43.46
volume.fluo.iap
DAS


Plant=1121KN284, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9049$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9885$
At^be^{-at}, Bell−shaped 2, $R^2=0.9849$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9932$
y_0+rt, Linear, $R^2=0.9354$
Biomass at t_{max} = 9.671e+06
T_{max} = 40.53
volume.fluo.iap
DAS


Plant=1121KN285, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8577$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9891$
At^be^{-at}, Bell−shaped 2, $R^2=0.9784$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9911$
y_0+rt, Linear, $R^2=0.9414$
Biomass at t_{max} = 1.064e+07
T_{max} = 38.71
volume.fluo.iap
DAS


Plant=1121KN286, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8263$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9770$
At^be^{-at}, Bell−shaped 2, $R^2=0.9659$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9843$
y_0+rt, Linear, $R^2=0.9685$
Biomass at t_{max} = 1.232e+07
T_{max} = 37.54
volume.fluo.iap
DAS


Plant=1121KN287, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.8966$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9896$
At^be^{-at}, Bell−shaped 2, $R^2=0.9865$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9947$
y_0+rt, Linear, $R^2=0.9185$
Biomass at t_{max} = 9.691e+06
T_{max} = 40.58
volume.fluo.iap
DAS


Plant=1121KN288, treatment=stress
Models
$at+bt^2$, Quadratic, $R^2=0.9059$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9873$
At^be^{-at}, Bell−shaped 2, $R^2=0.9874$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9943$
y_0+rt, Linear, $R^2=0.9276$
Biomass at T_{max} = 1.011e+07
T_{max} = 40.84
volume.fluo.iap
0.0e+00
5.0e+06
1.0e+07
1.5e+07
2.0e+07
2.5e+07
3.0e+07
0
10
20
30
40
50
60
DAS