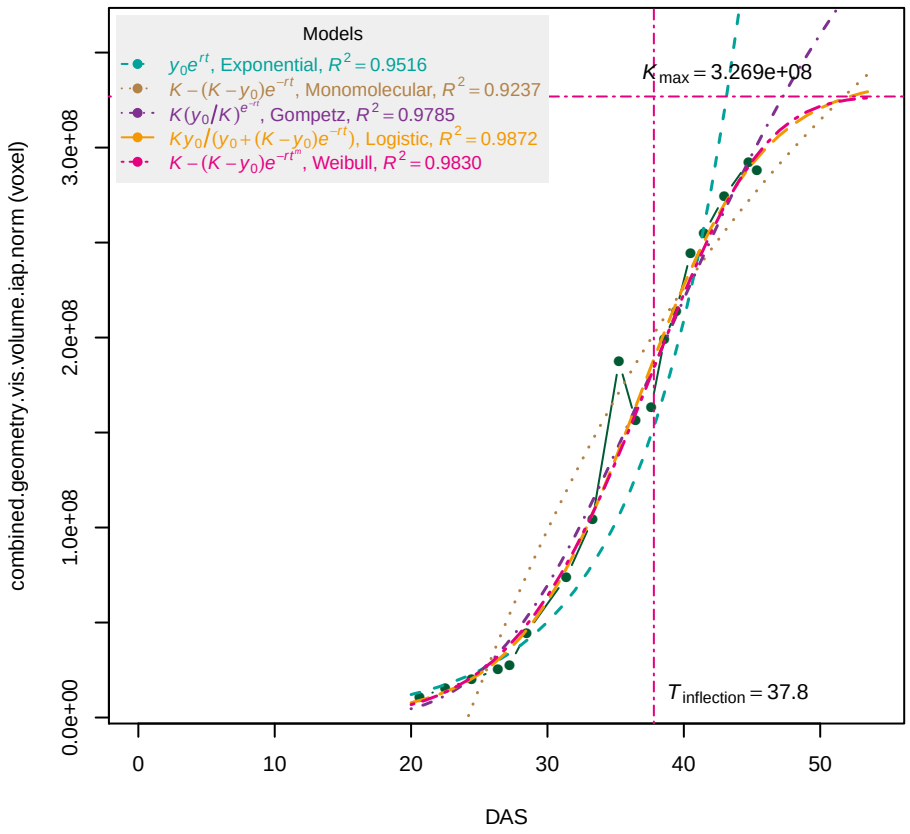
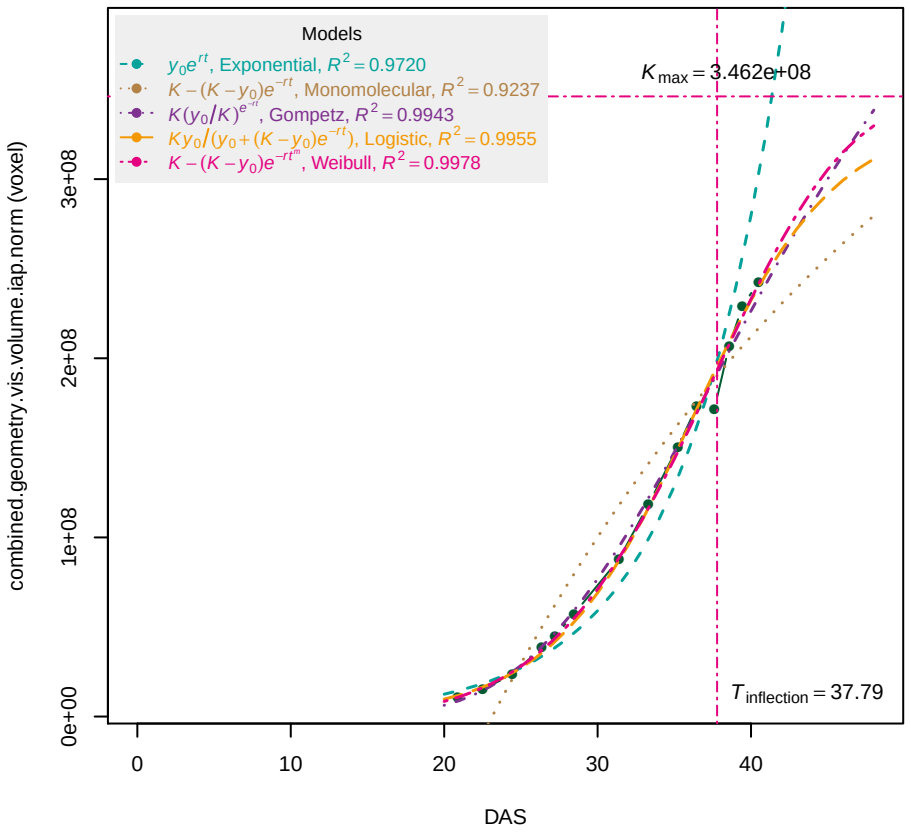
Plant growth modeling
on trait "combined.geometry.vis.volume.iap.norm

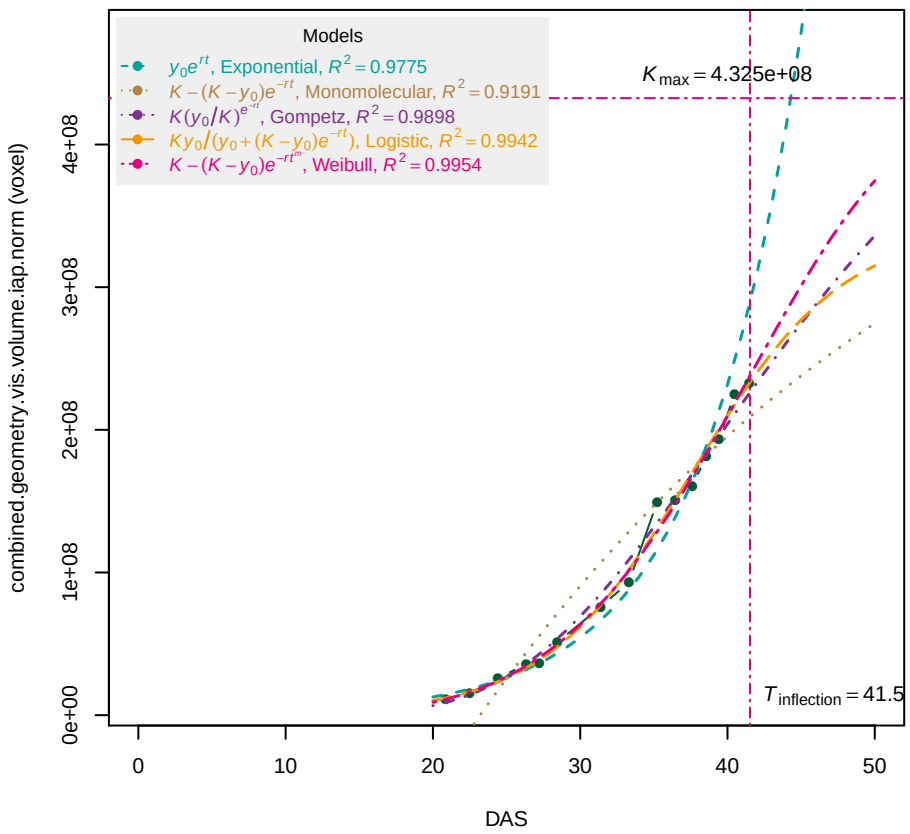
Plant=1116BA1001, treatment=normal



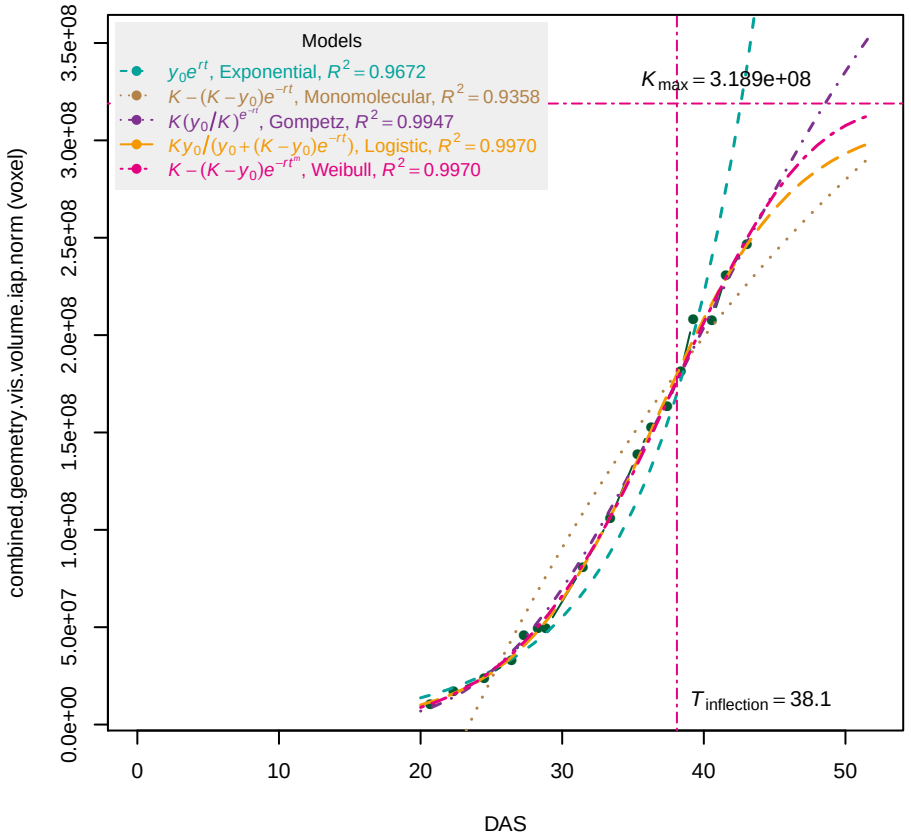
Plant=1116BA1004, treatment=normal



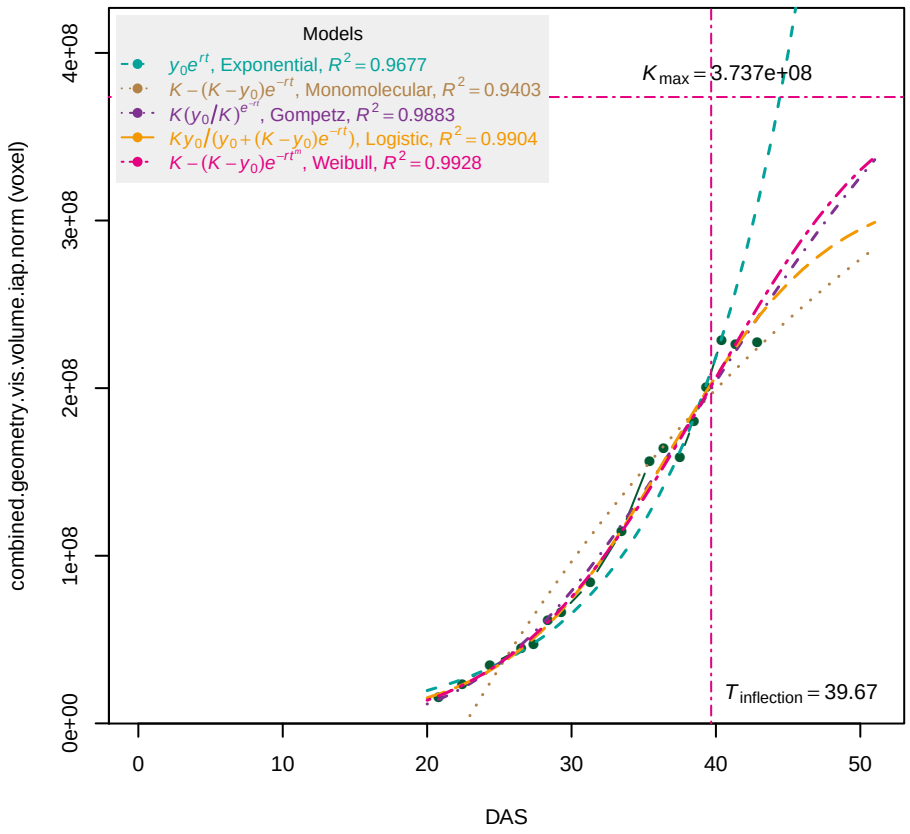
Plant=1116BA1007, treatment=normal



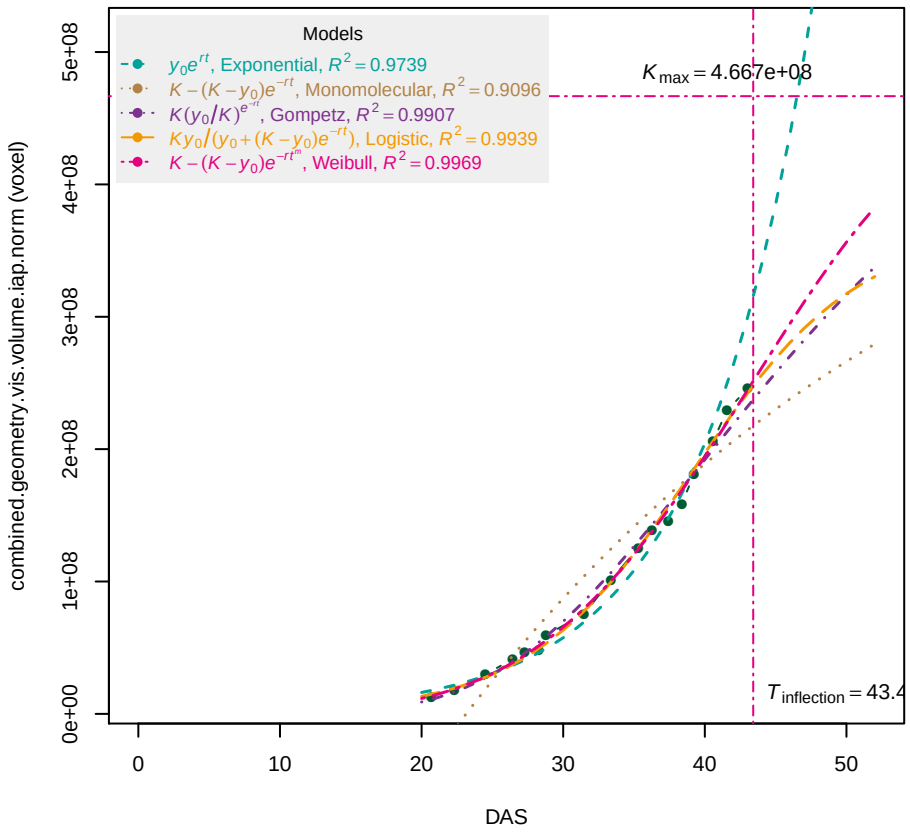
Plant=1116BA1073, treatment=normal



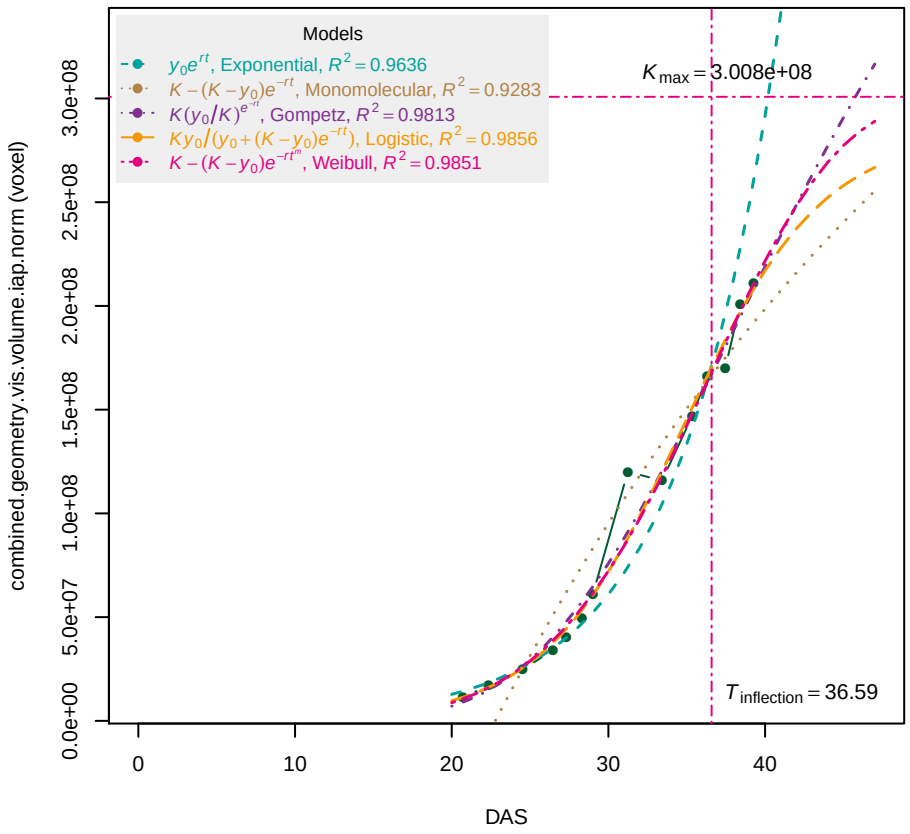
Plant=1116BA1099, treatment=normal



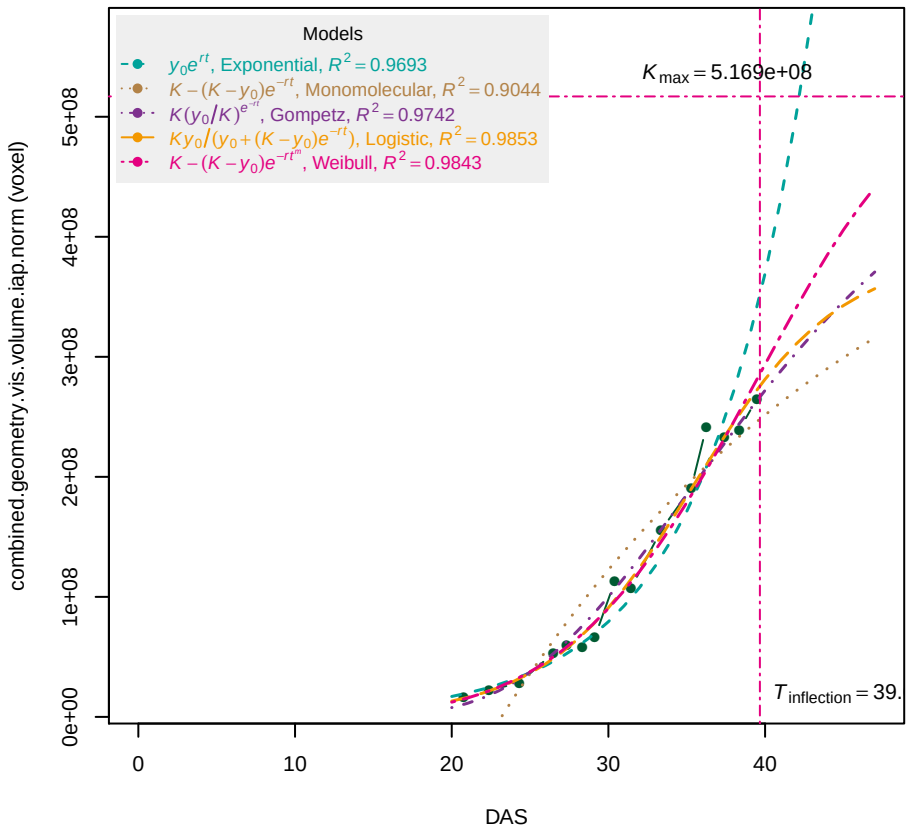
Plant=1116BA1110, treatment=normal



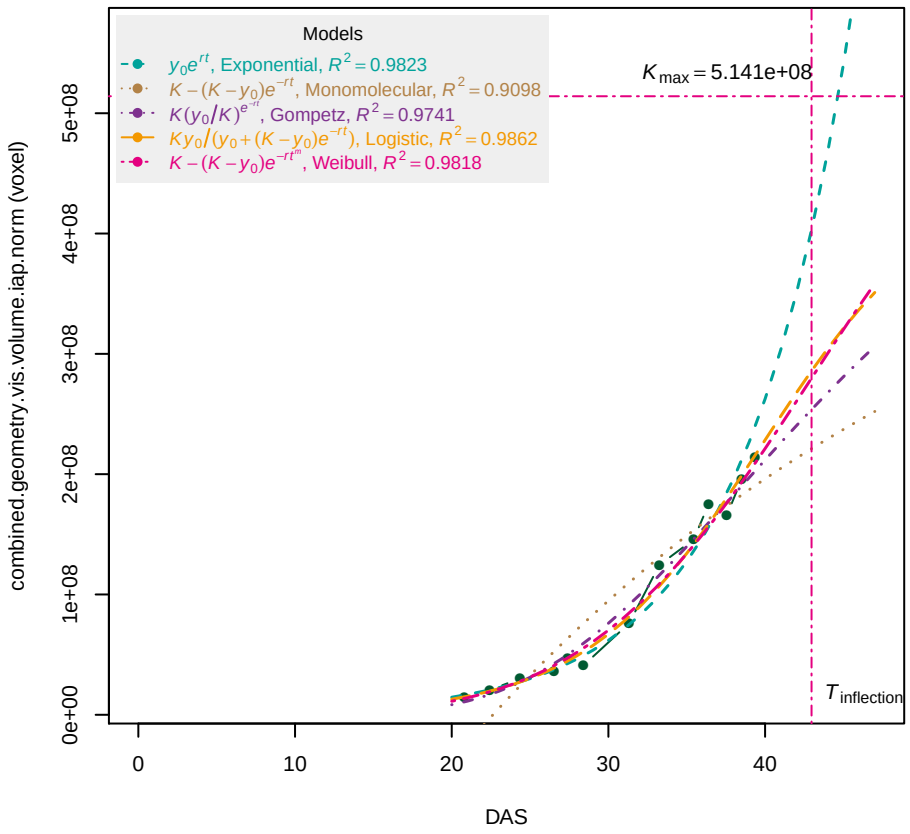
Plant=1116BA1115, treatment=normal



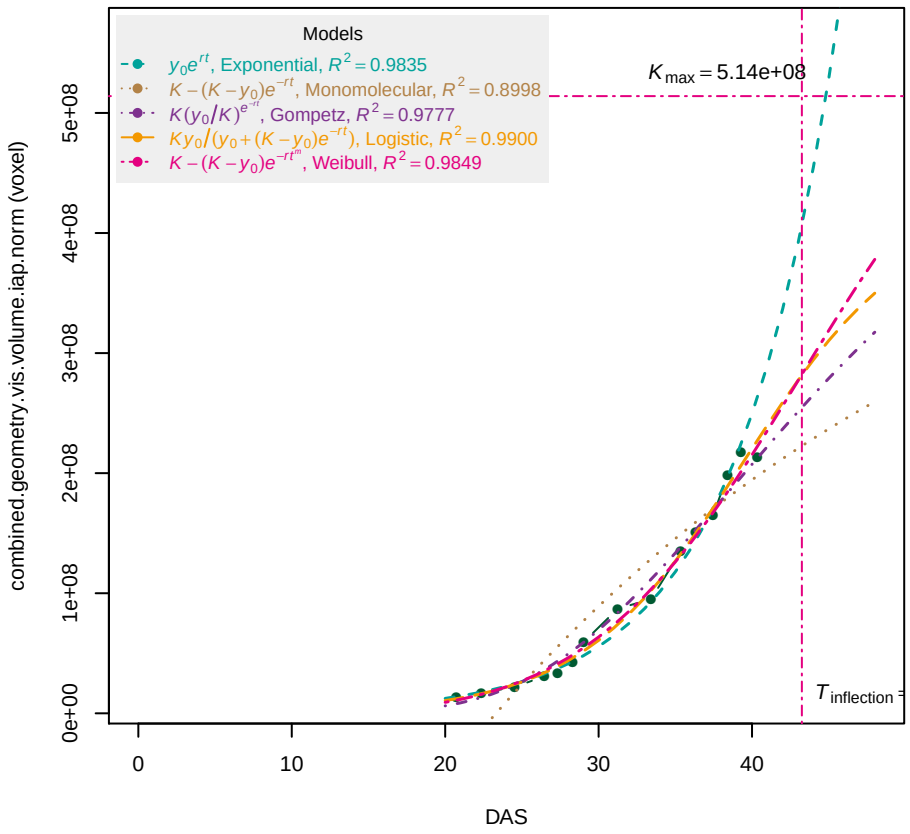
Plant=1116BA1117, treatment=normal



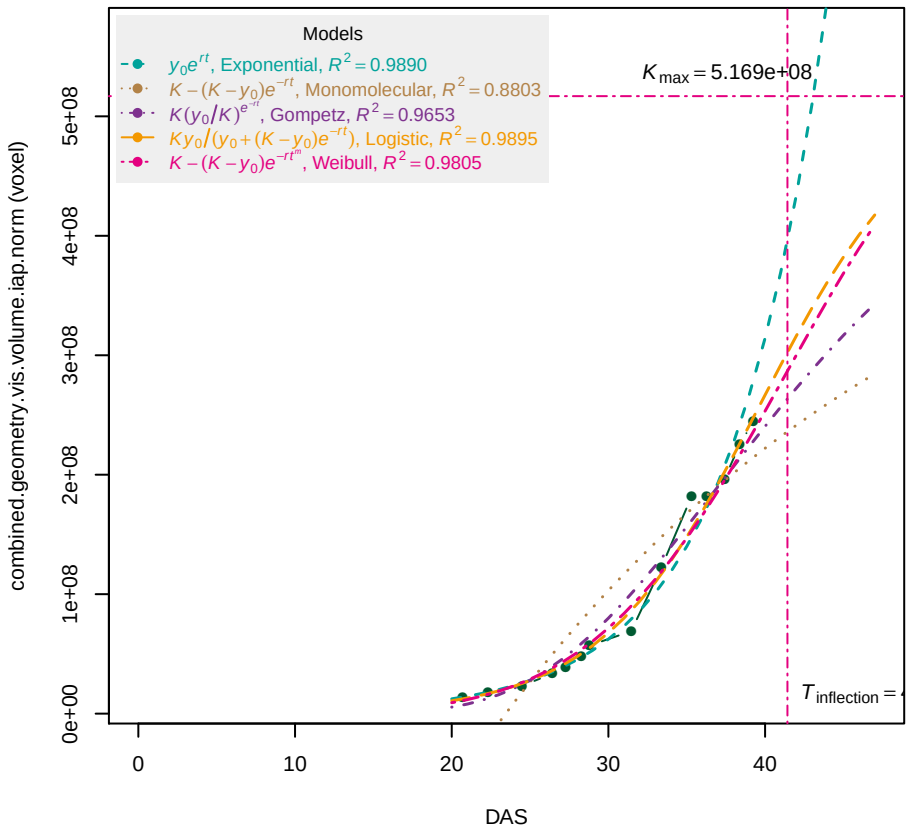
Plant=1116BA1139, treatment=normal



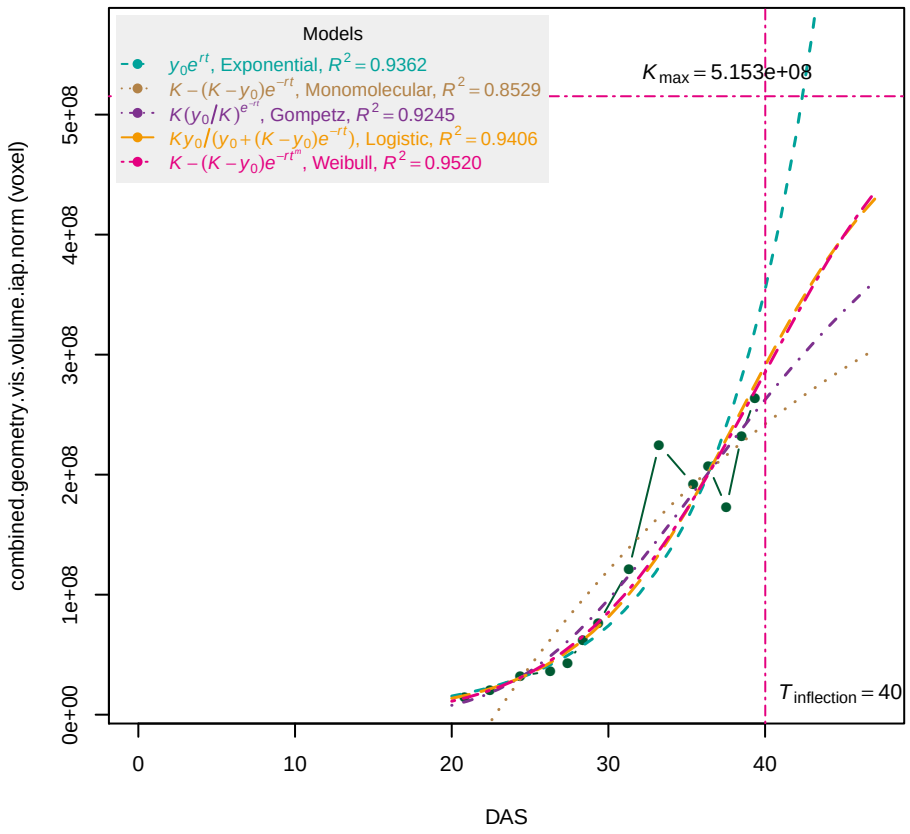
Plant=1116BA1231, treatment=normal



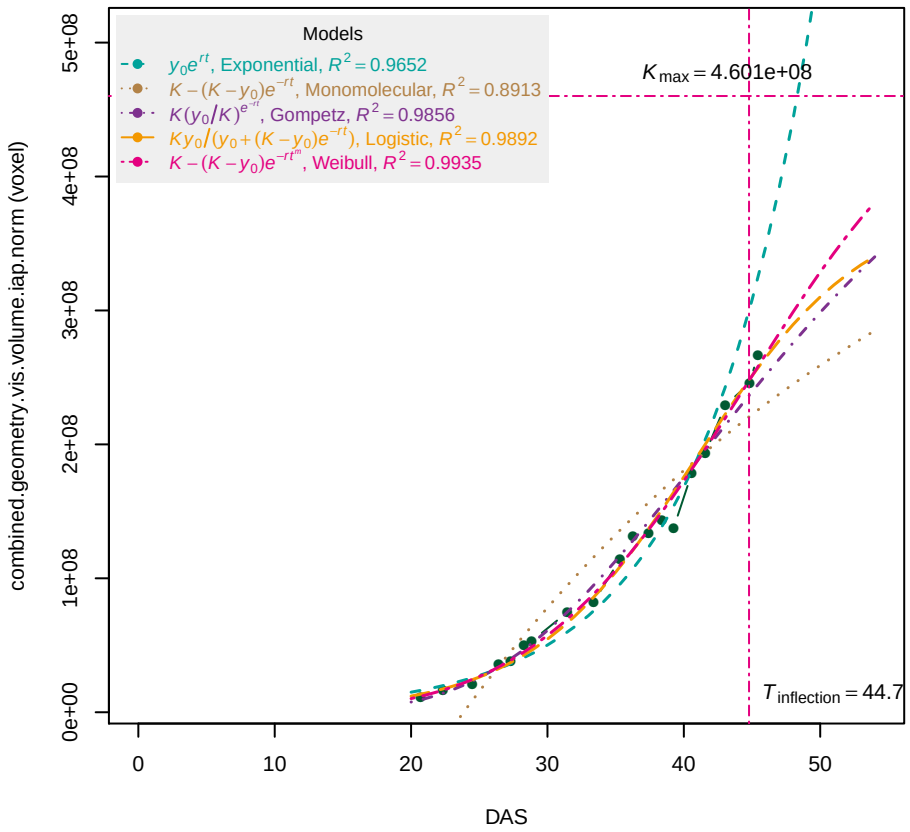
Plant=1116BA1265, treatment=normal



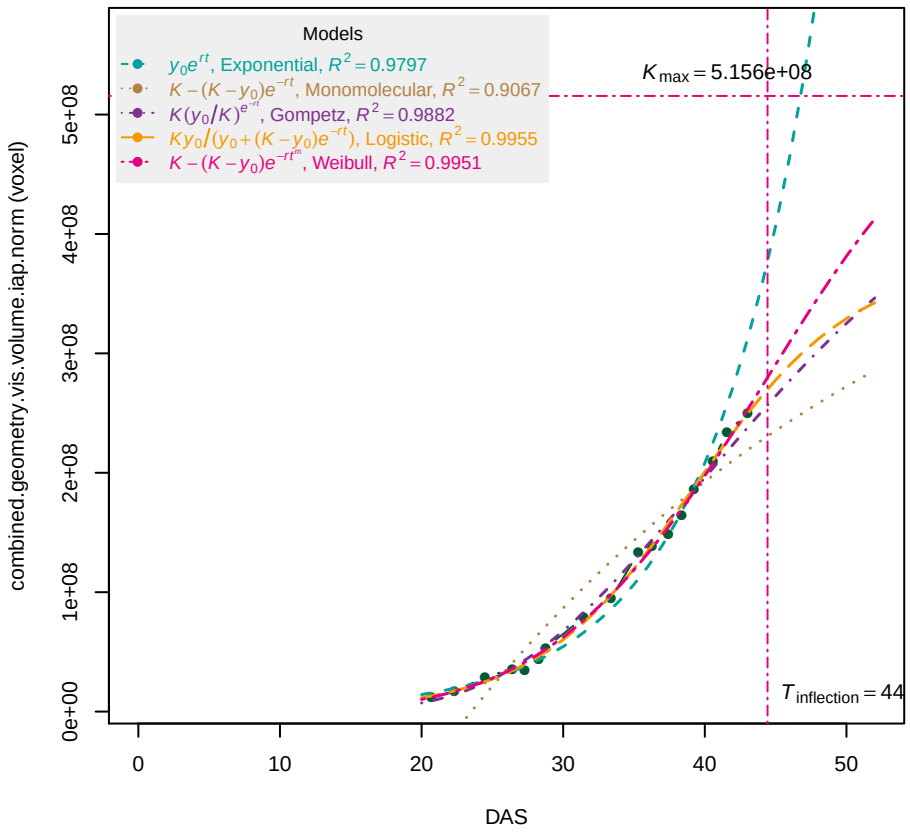
Plant=1116BA1310, treatment=normal



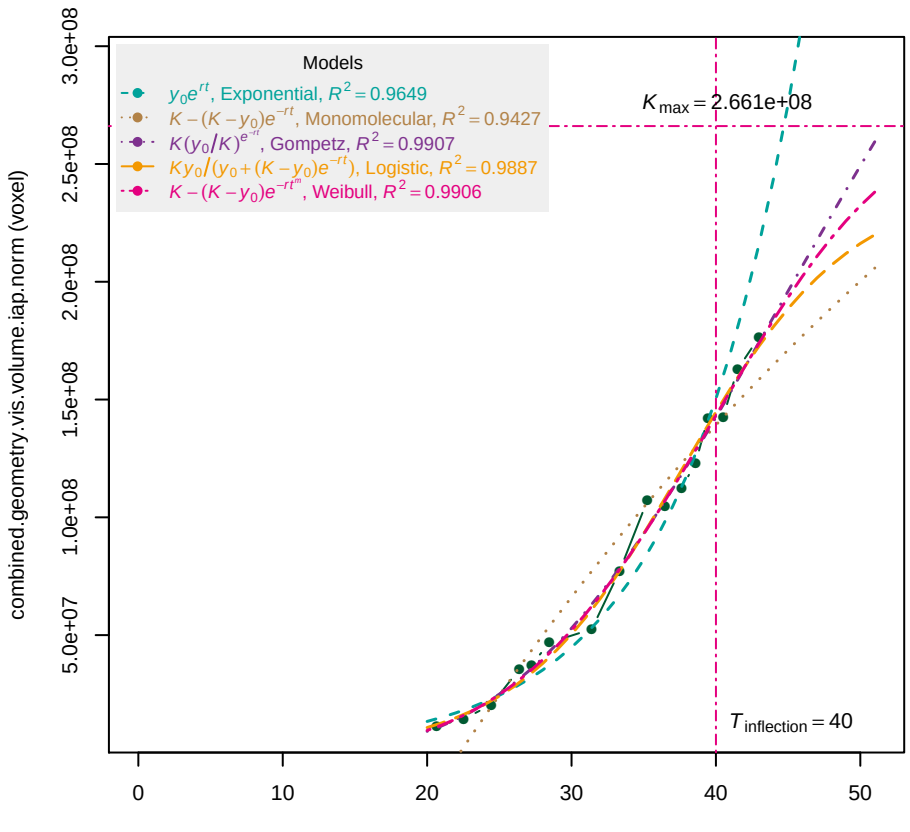
Plant=1116BA1033, treatment=normal



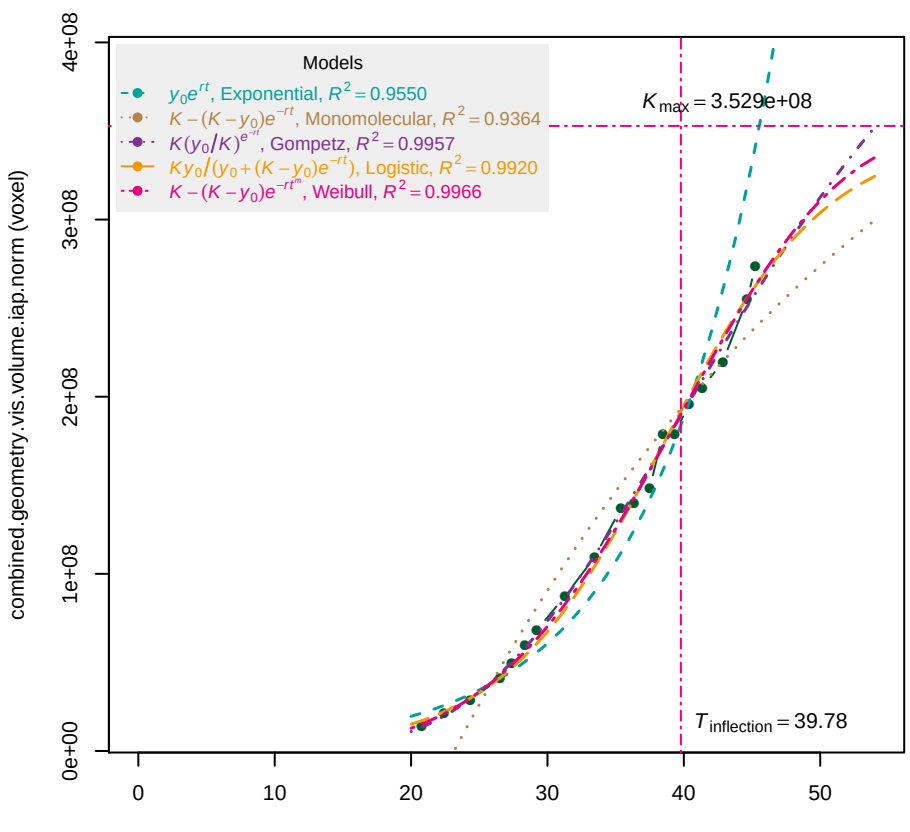
Plant=1116BA1047, treatment=normal



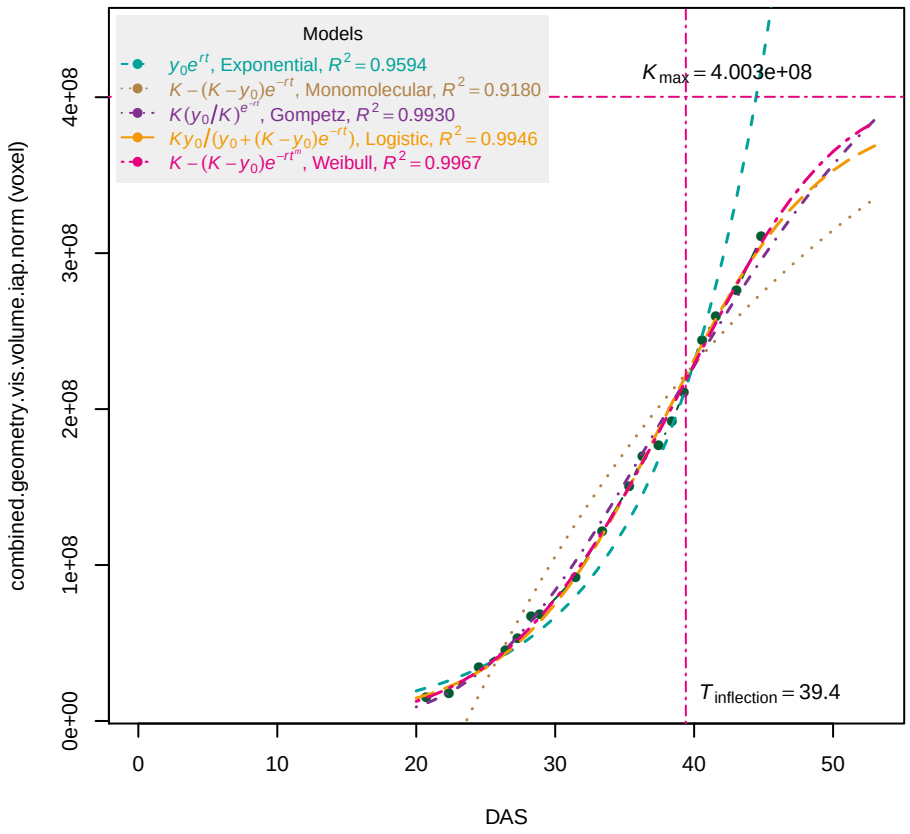
Plant=1116BA1078, treatment=normal



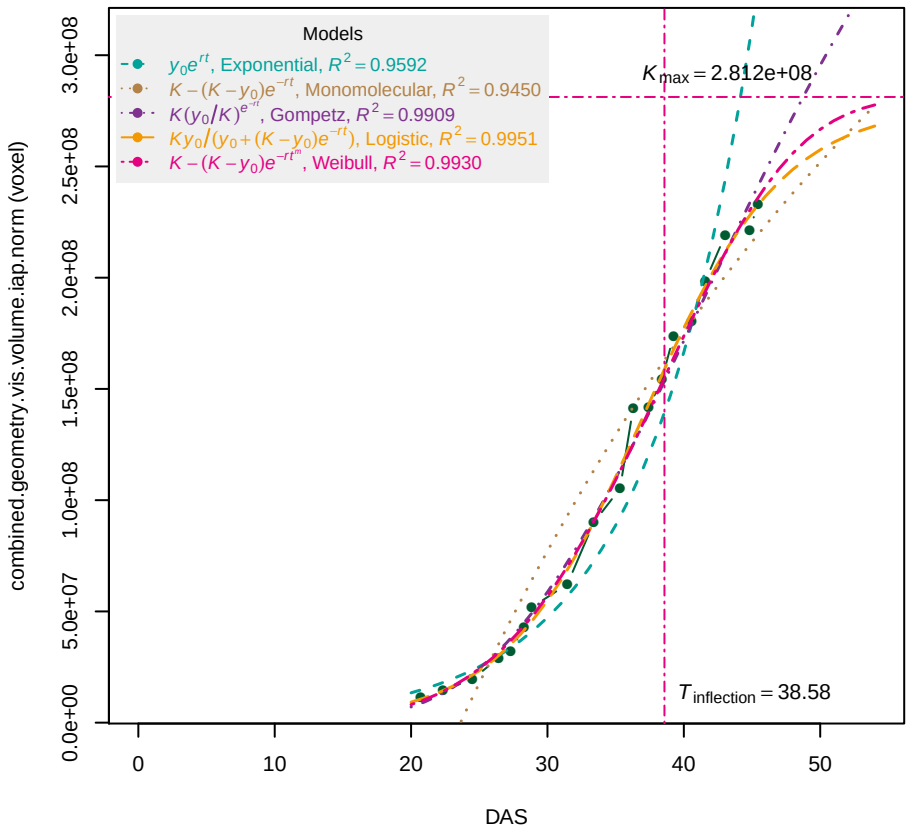
Plant=1116BA1089, treatment=normal



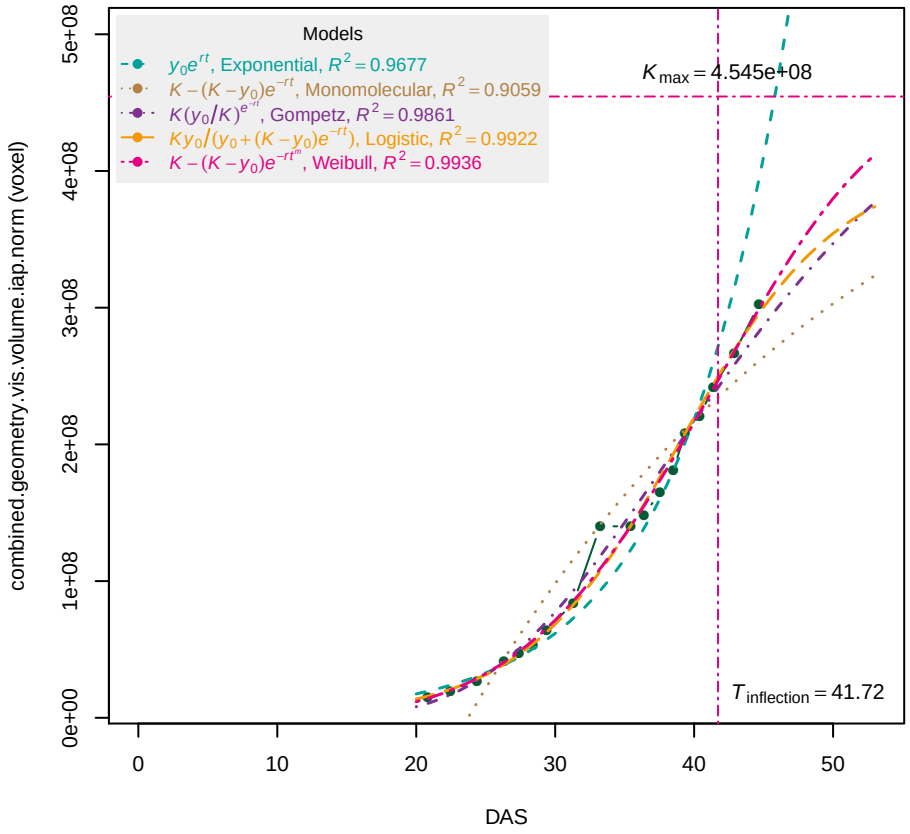
Plant=1116BA1116, treatment=normal



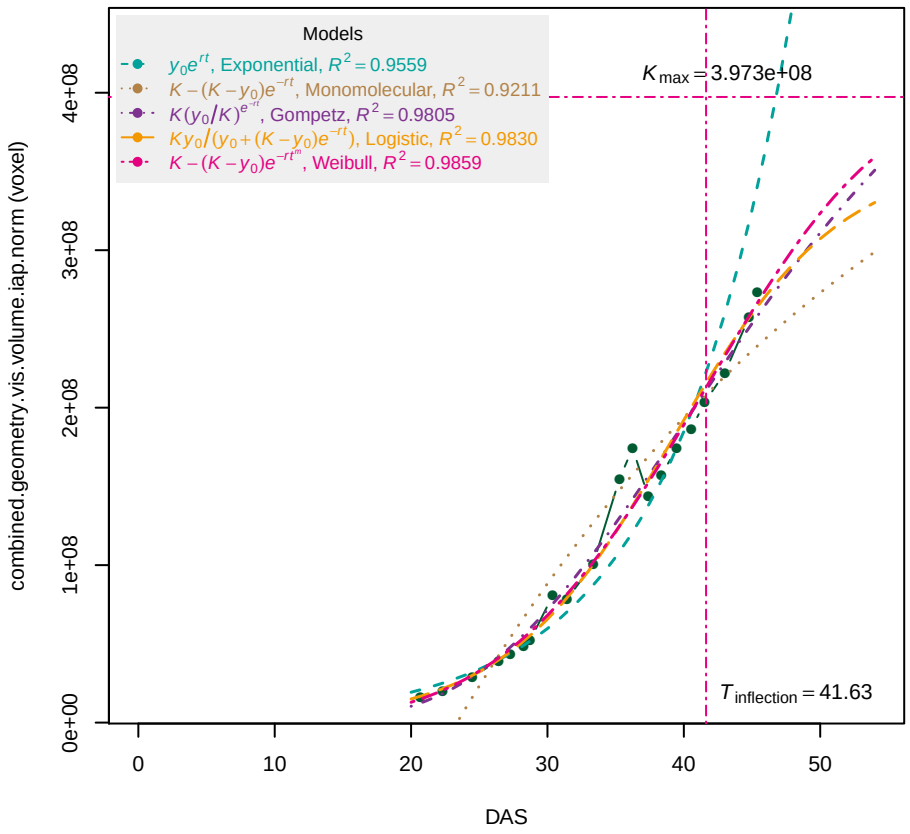
Plant=1116BA1230, treatment=normal



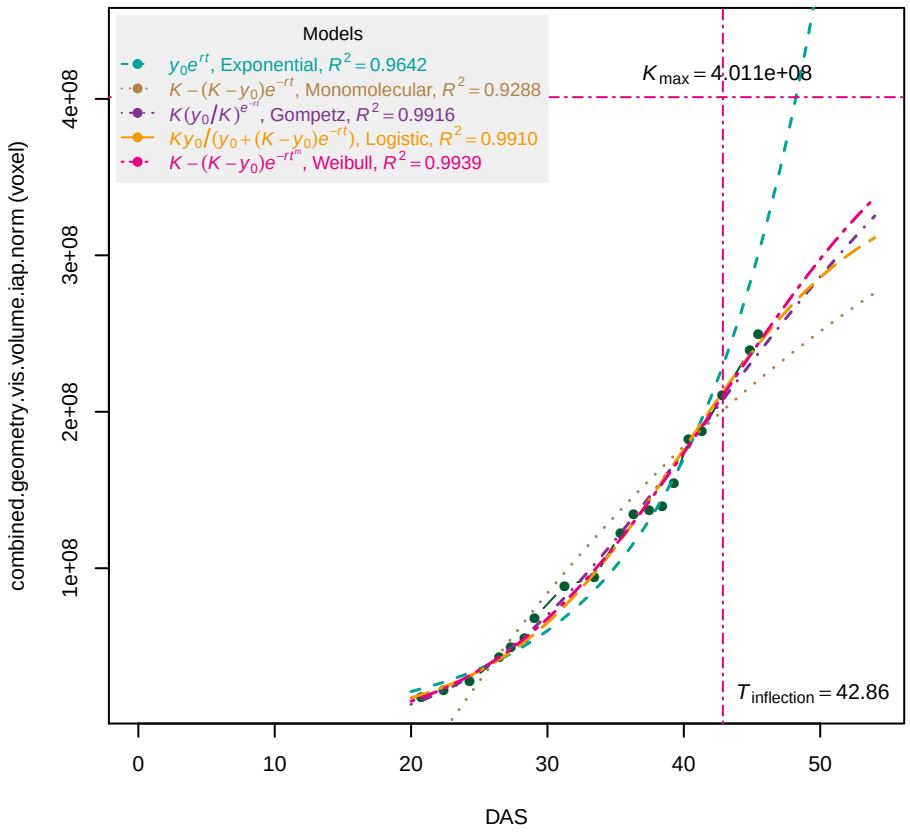
Plant=1116BA1248, treatment=normal



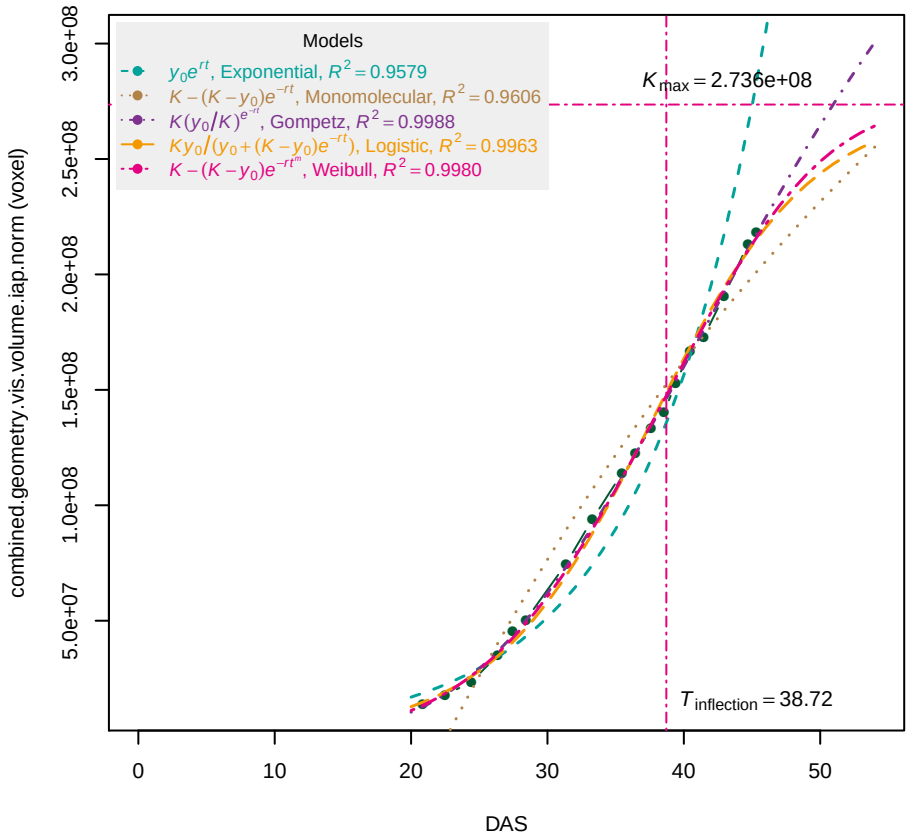
Plant=1116BA1270, treatment=normal



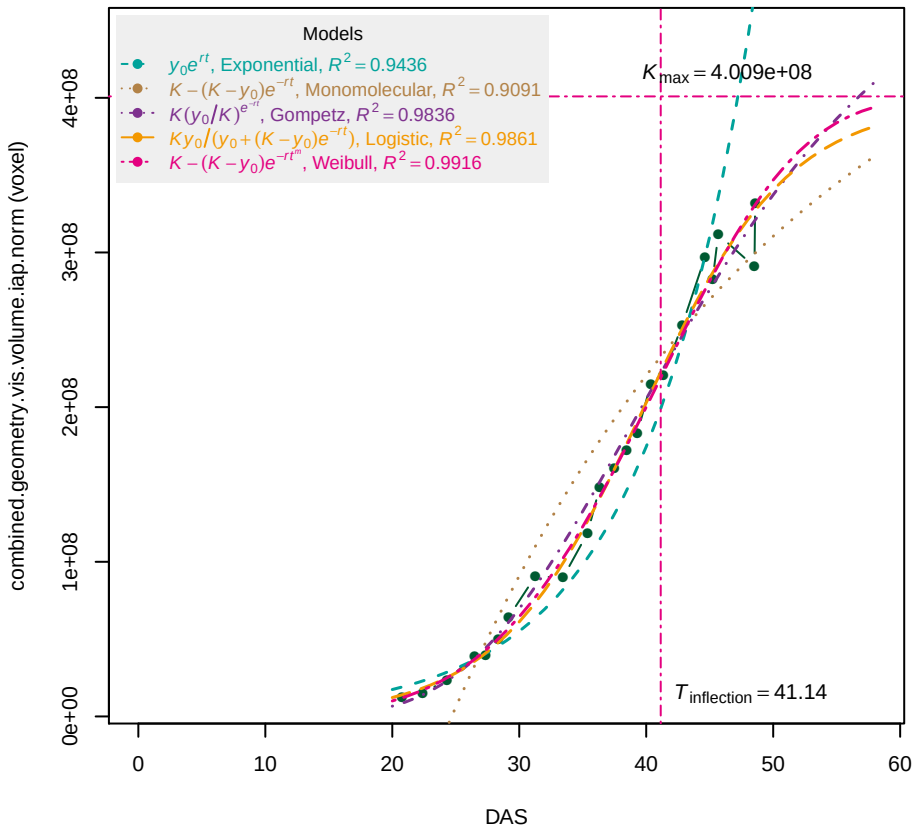
Plant=1116BA1275, treatment=normal



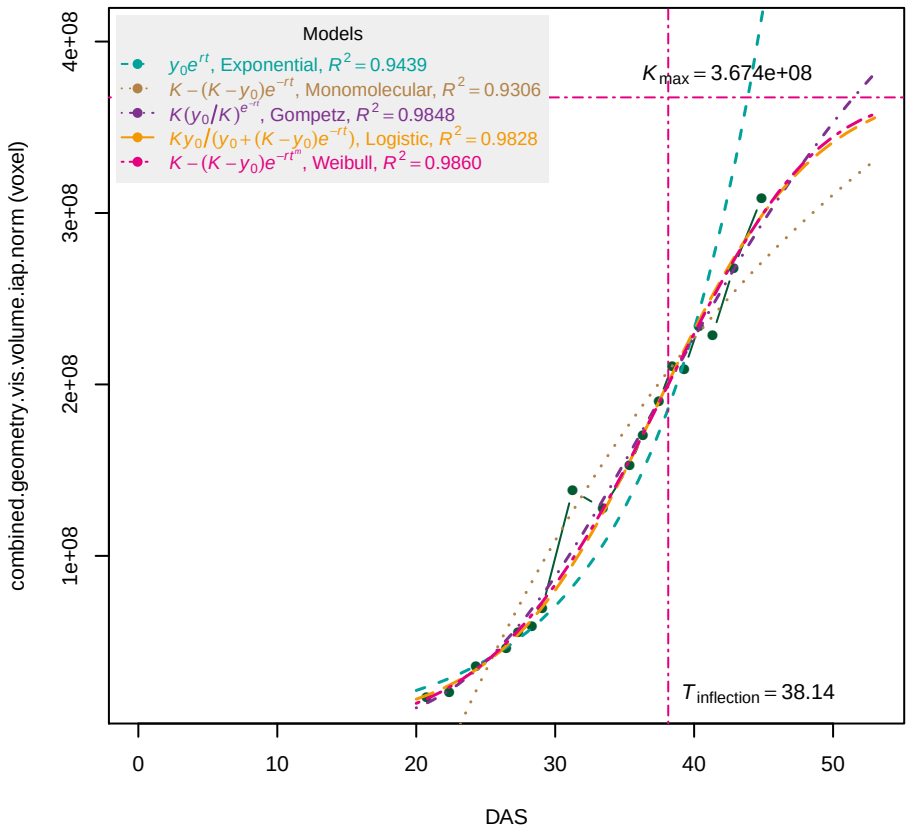
Plant=1116BA1281, treatment=normal



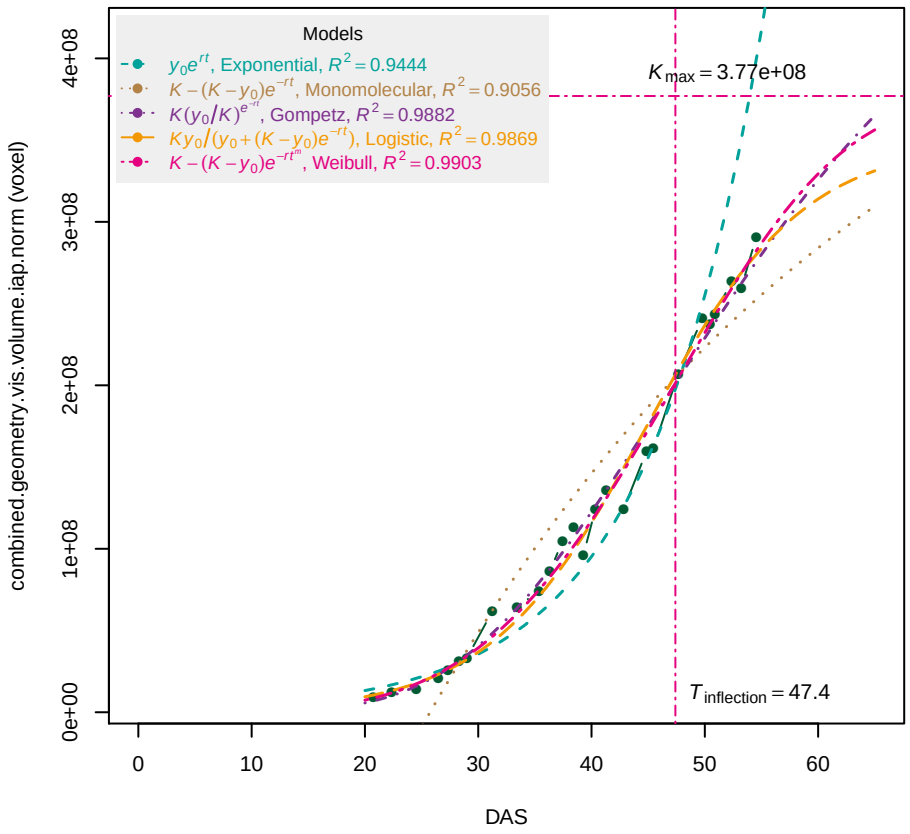
Plant=1116BA1395, treatment=normal



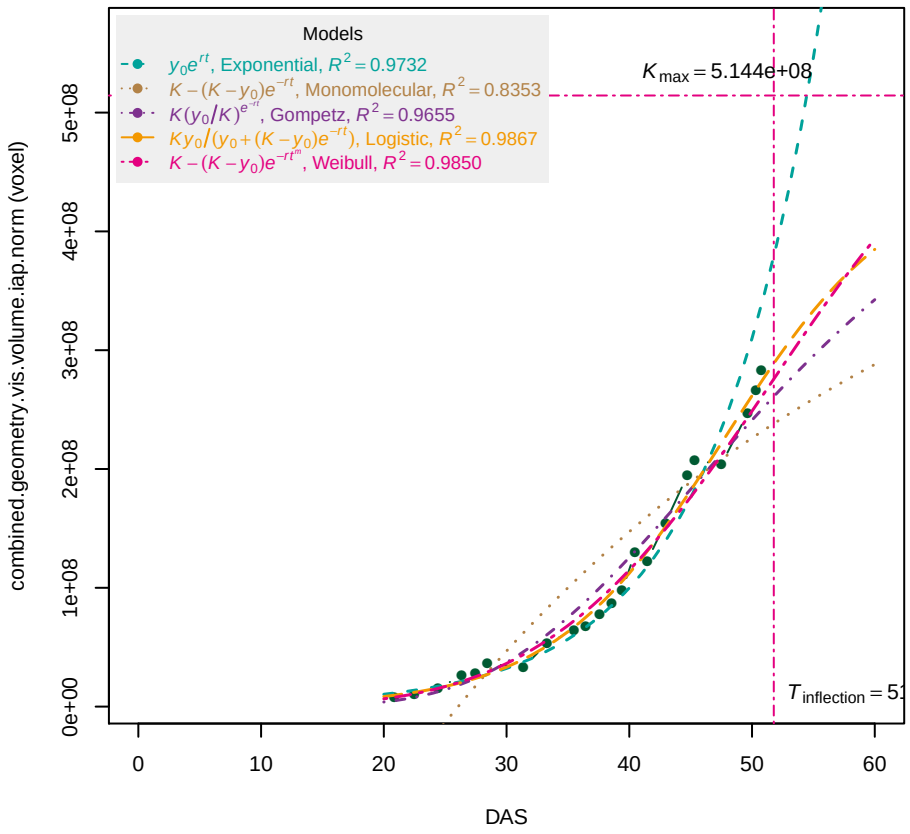
Plant=1116BA1396, treatment=normal



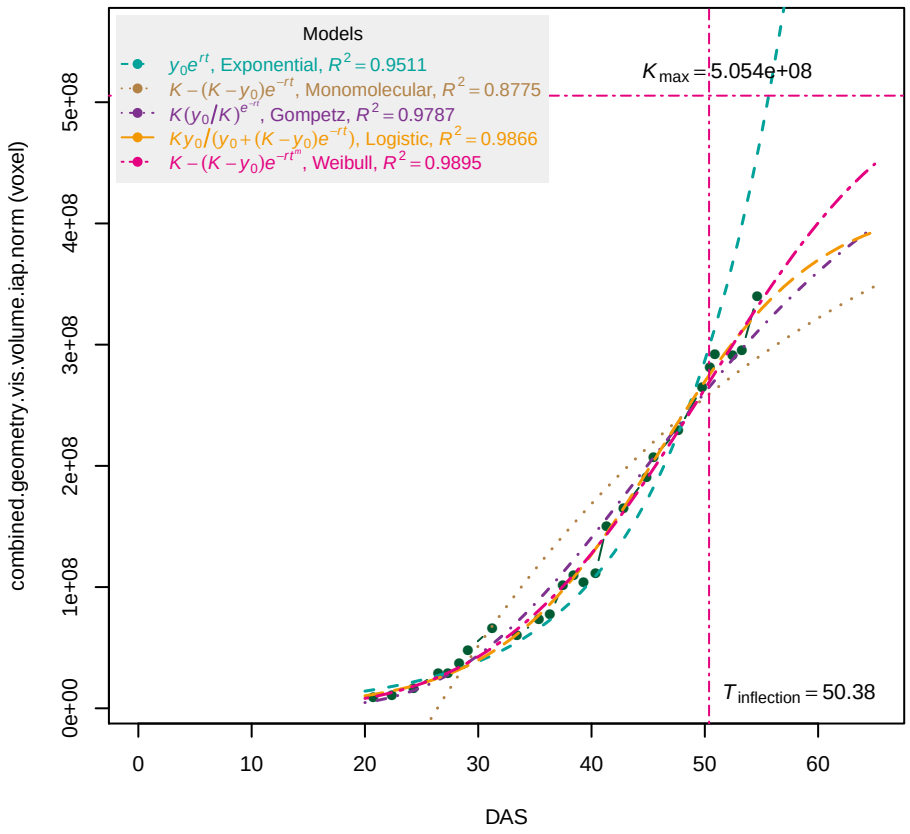
Plant=1116BA1197, treatment=normal



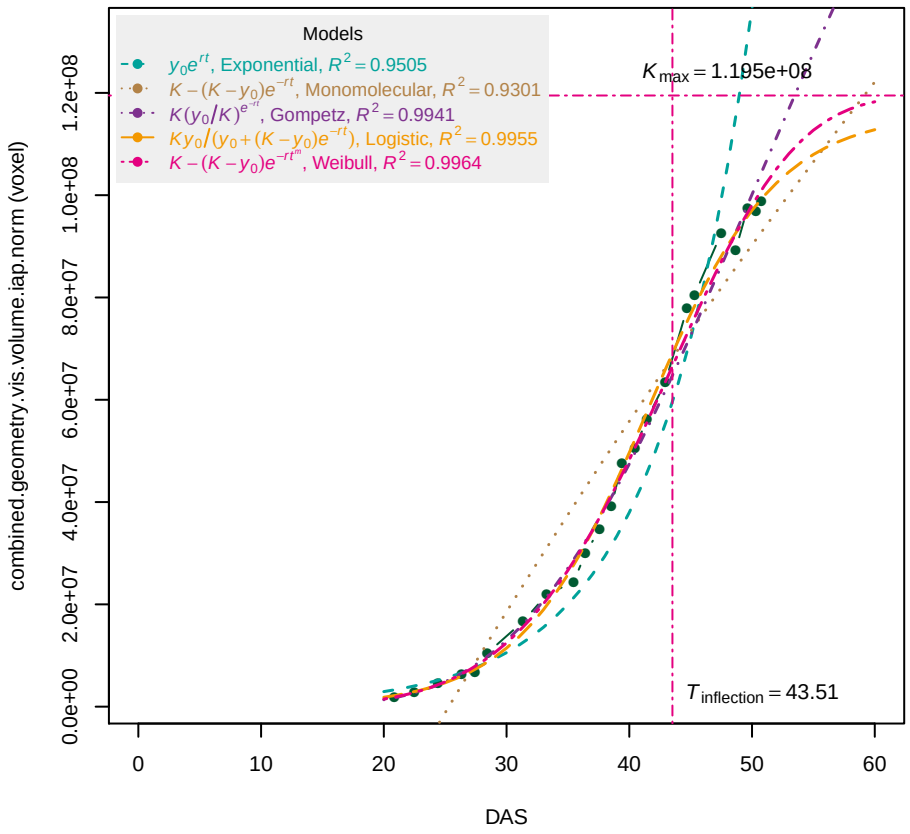
Plant=1116BA1356, treatment=normal

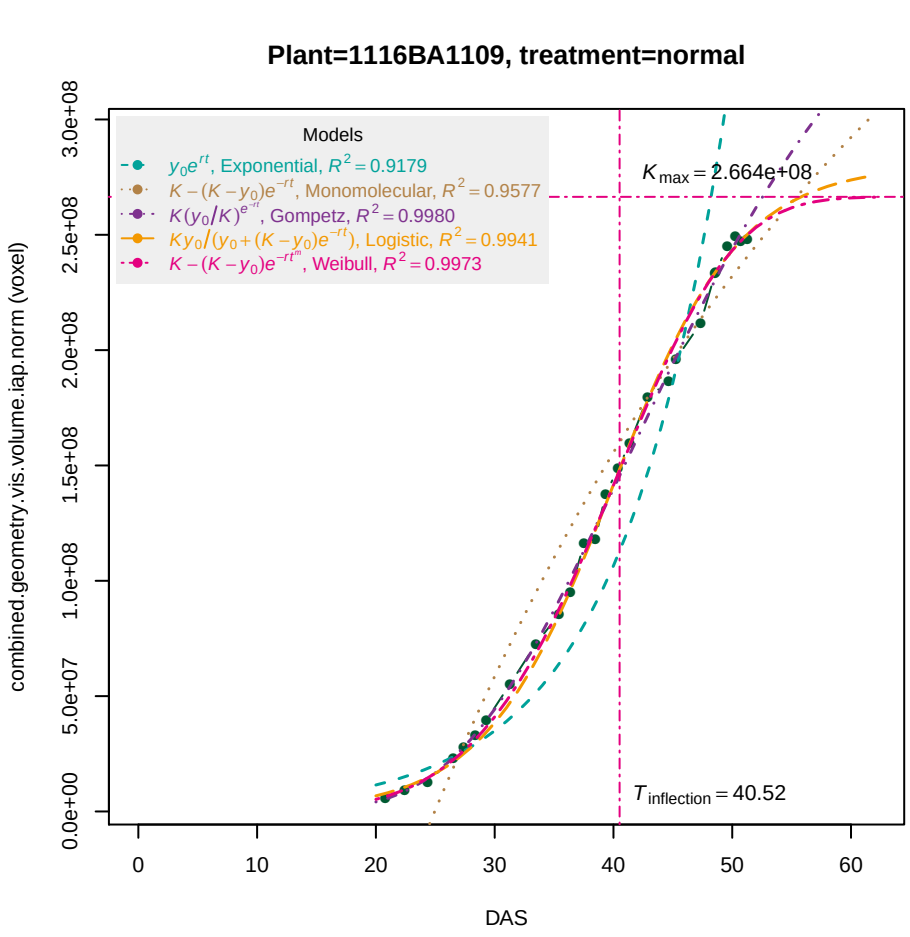


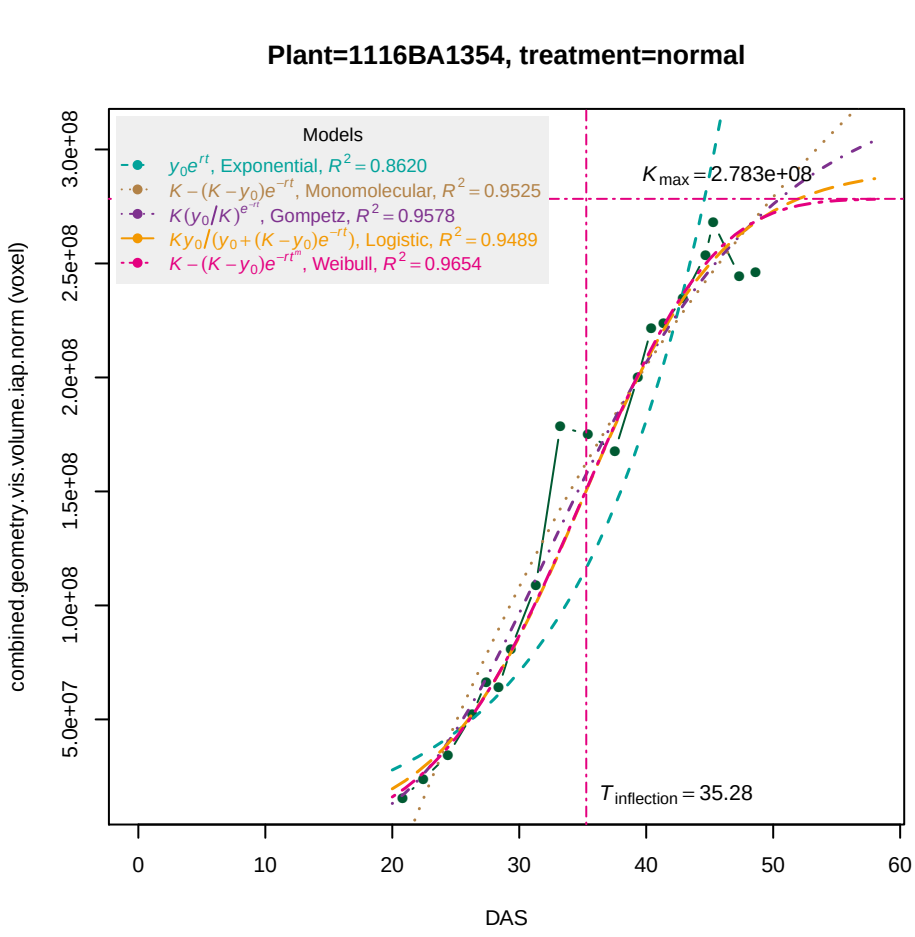
Plant=1116BA1020, treatment=normal

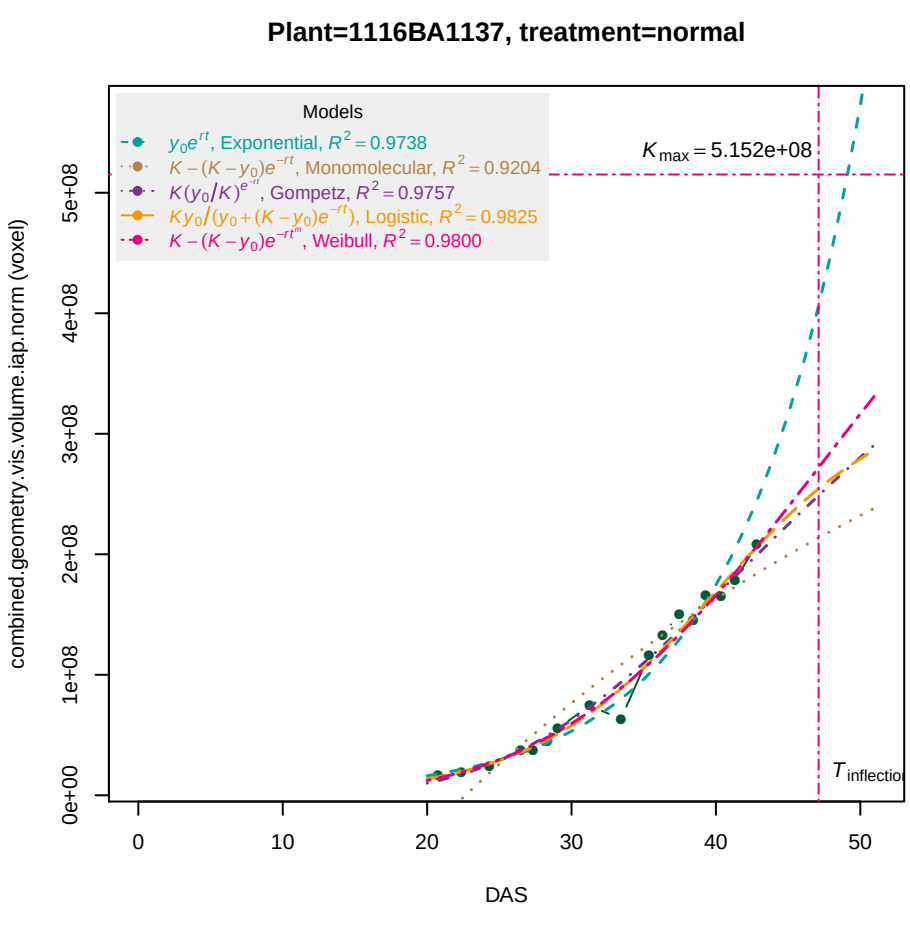


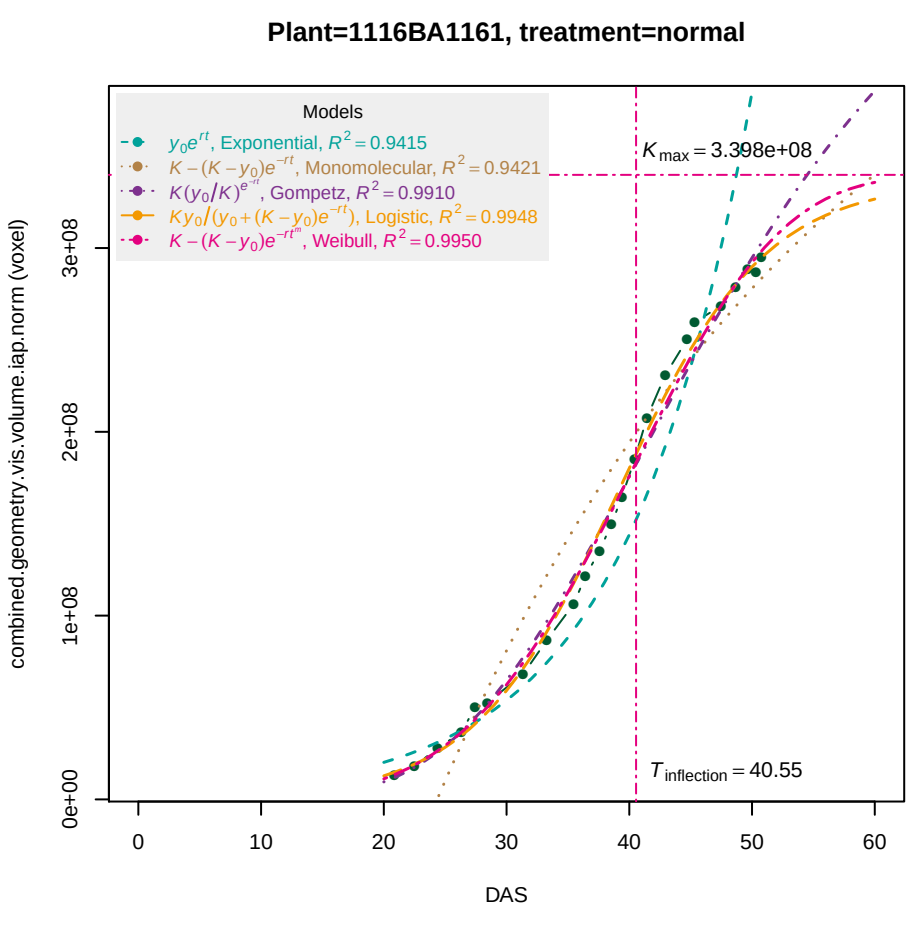
Plant=1116BA1136, treatment=normal



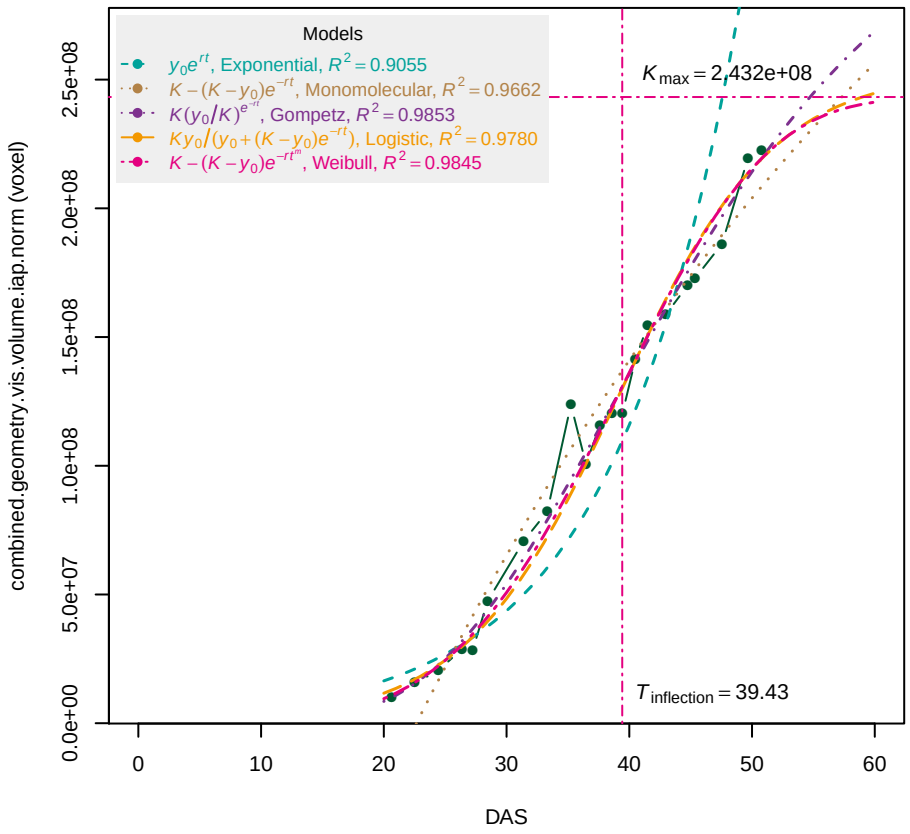

Plant=1116BA1109, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9179$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9577$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9980$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9941$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9973$
$K_{max} = 2.664e+08$
$T_{inflection} = 40.52$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1354, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.8620$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9525$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9578$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9489$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9654$
$K_{max} = 2.783e+08$
$T_{inflection} = 35.28$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

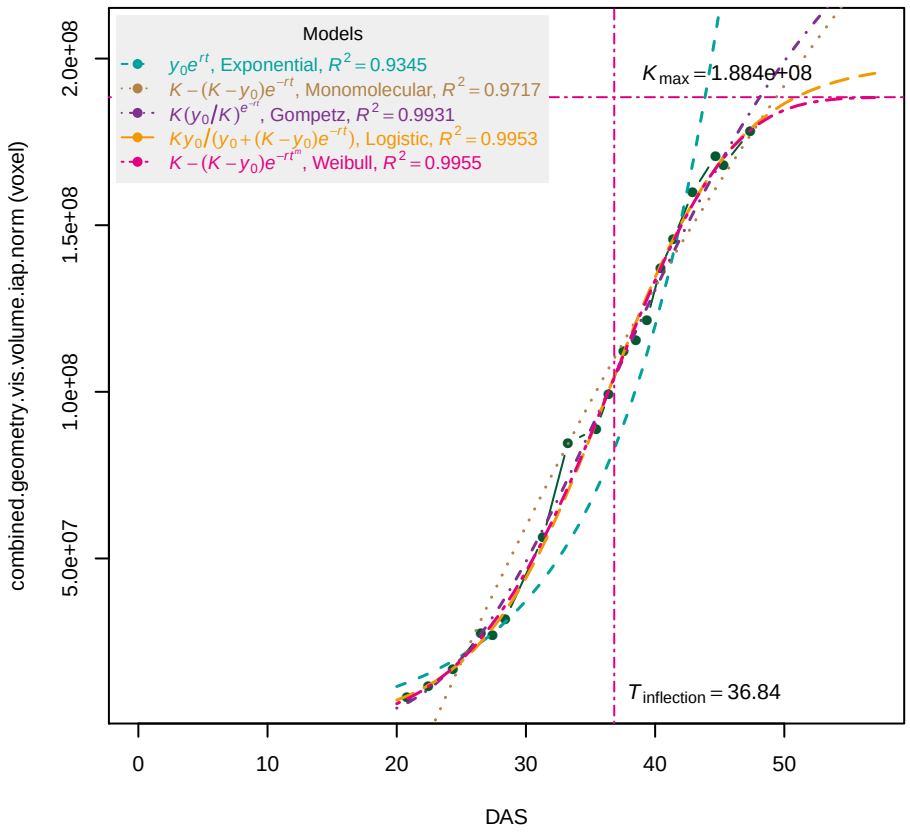

Plant=1116BA1137, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9738$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9204$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9757$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9825$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9800$
$K_{max} = 5.152e+08$
$T_{inflectio}$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1161, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9415$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9421$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9910$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9948$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9950$
$K_{max} = 3.398e+08$
$T_{inflection} = 40.55$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

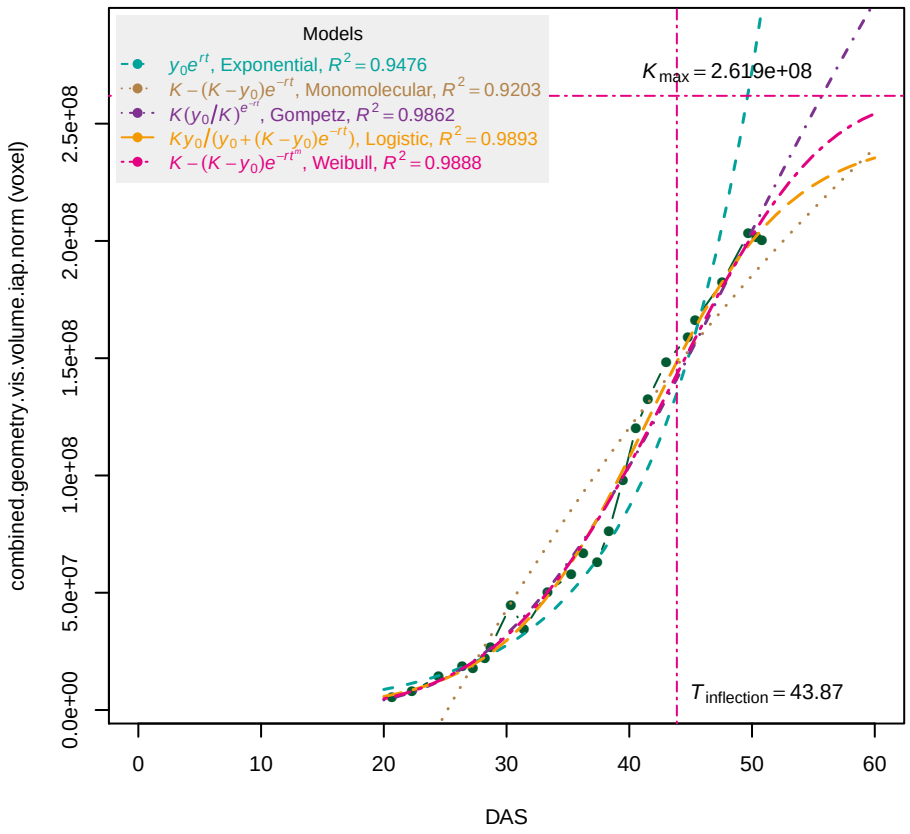
Plant=1116BA1236, treatment=normal



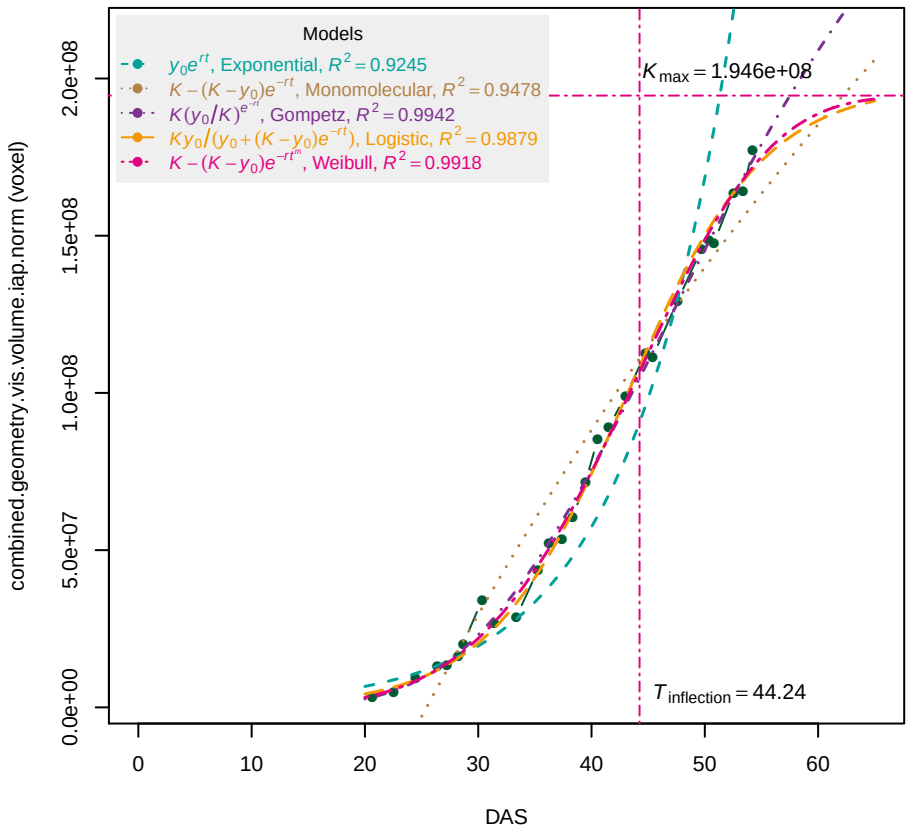
Plant=1116BA1375, treatment=normal

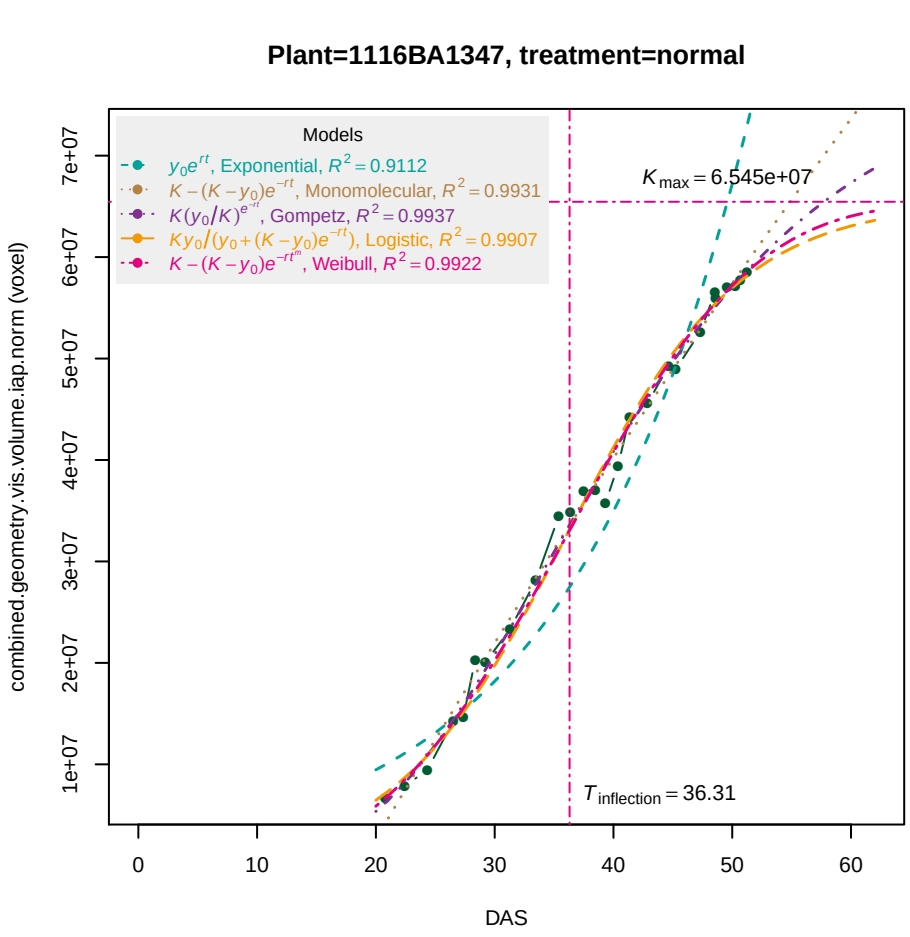


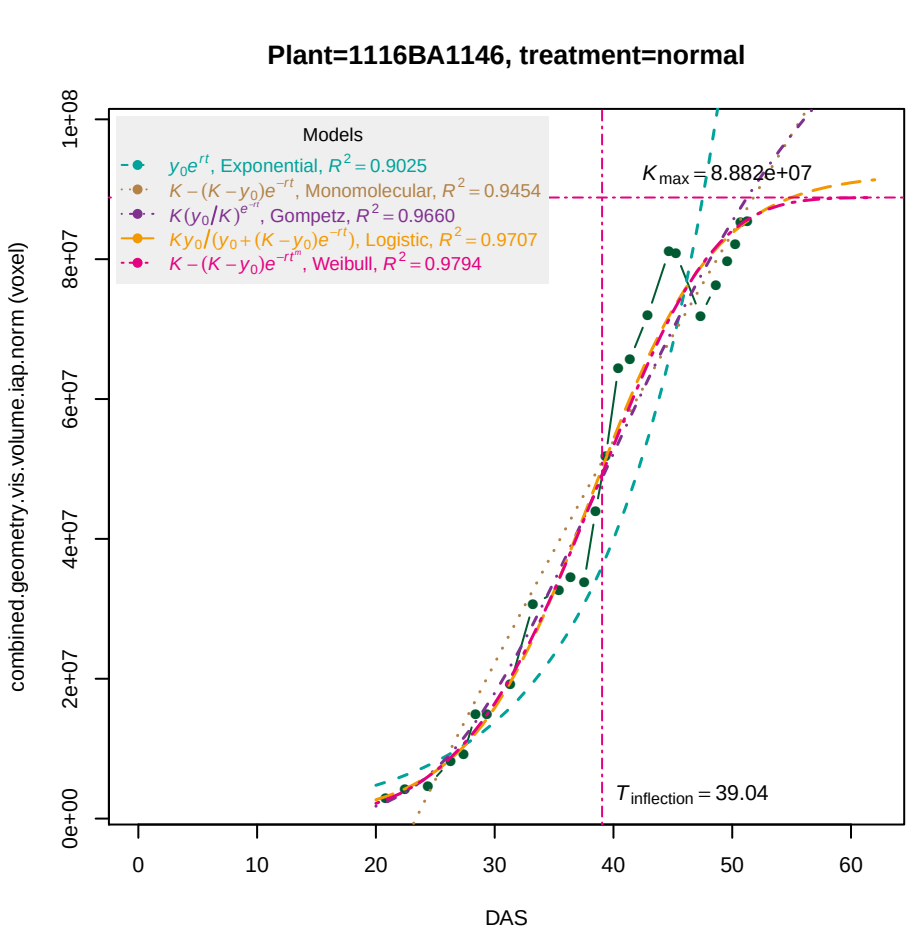
Plant=1116BA1160, treatment=normal

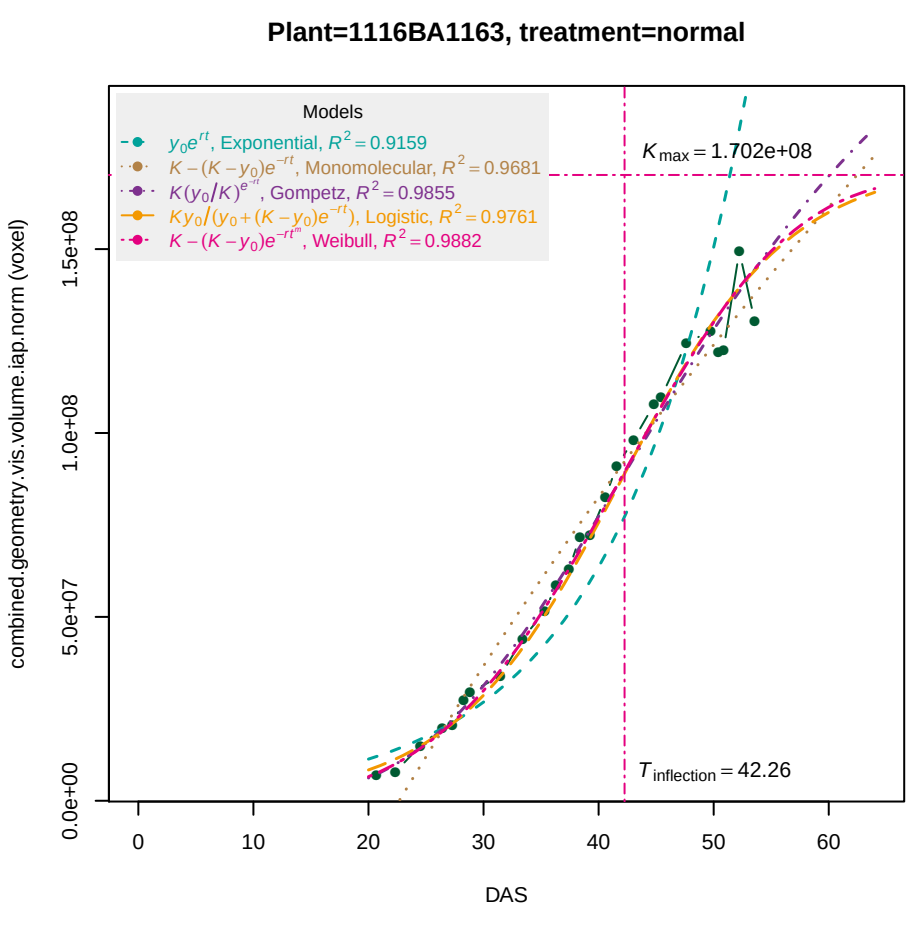


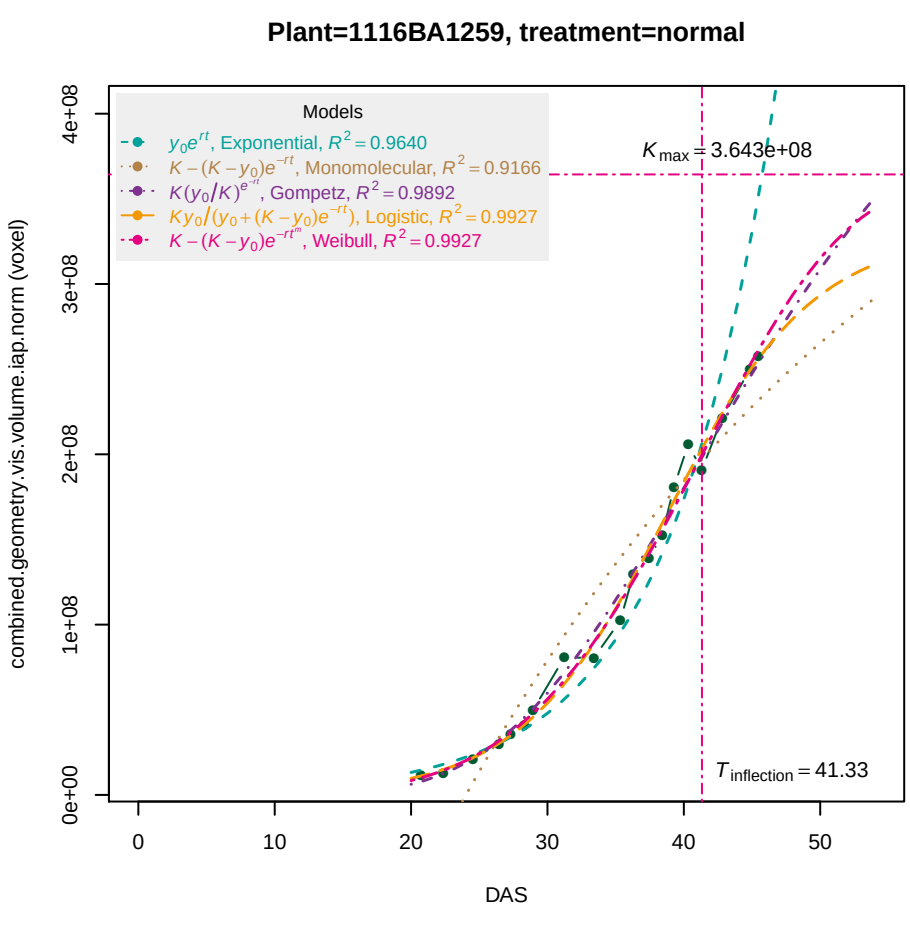
Plant=1116BA1190, treatment=normal

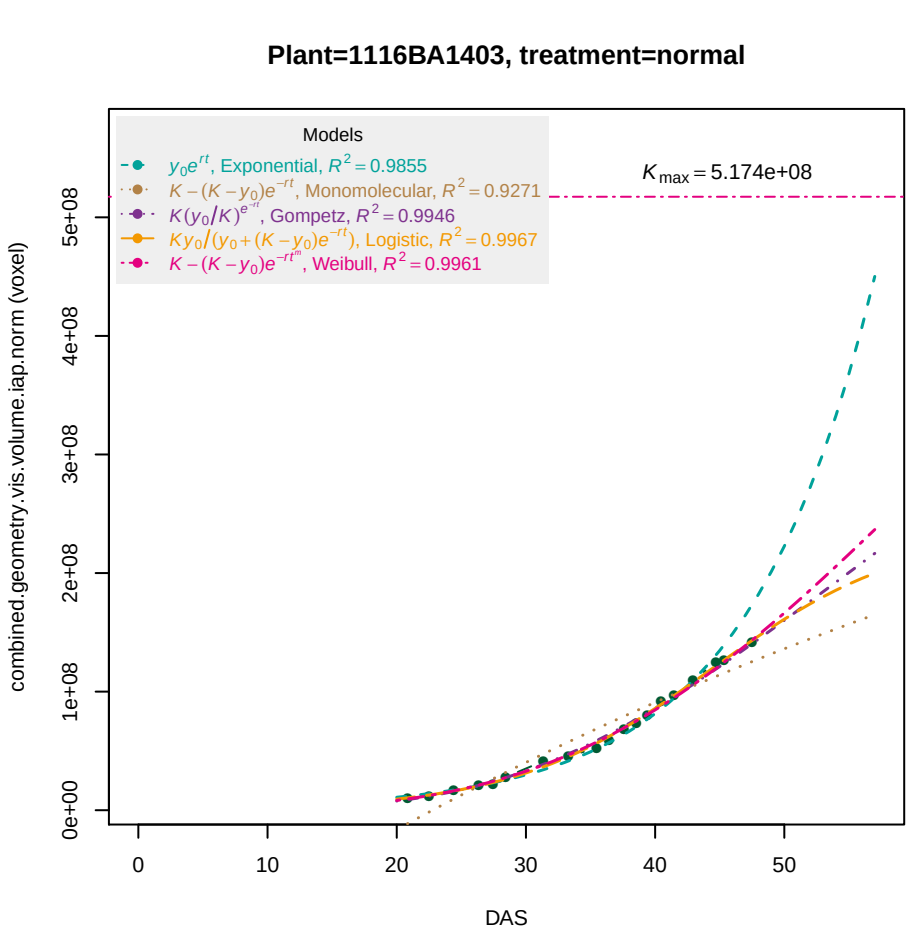


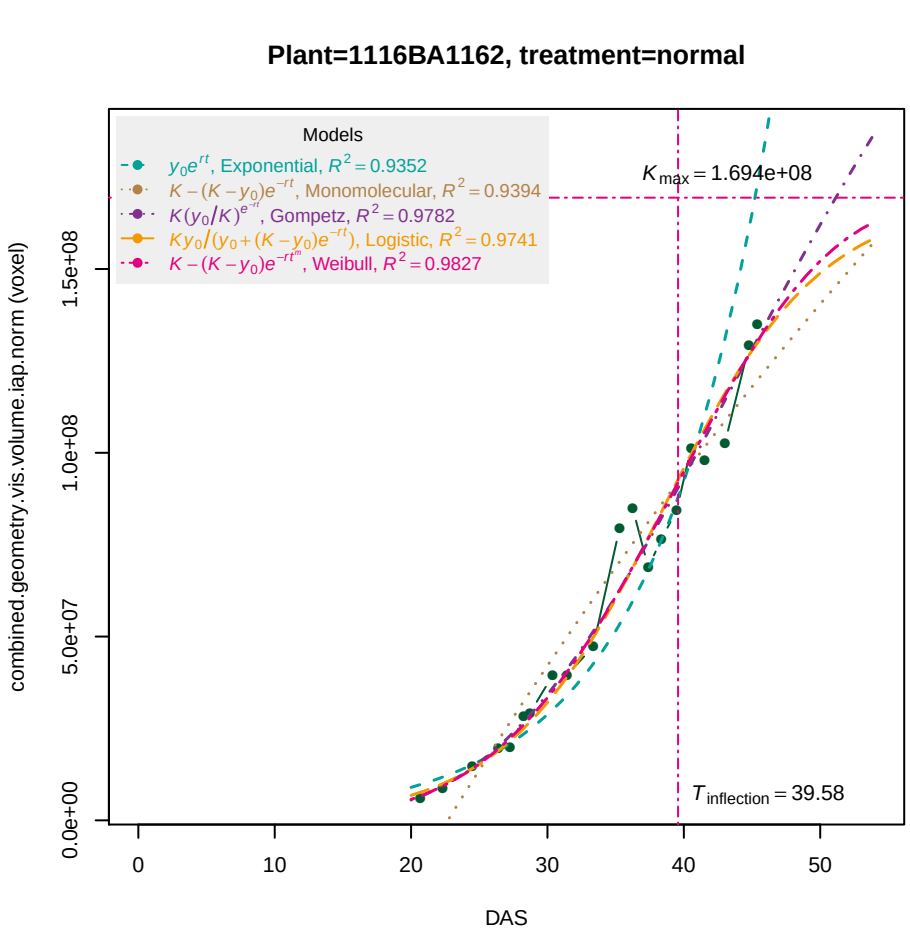

Plant=1116BA1347, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9112$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9931$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9937$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9907$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9922$
$K_{max} = 6.545e+07$
$T_{inflection} = 36.31$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

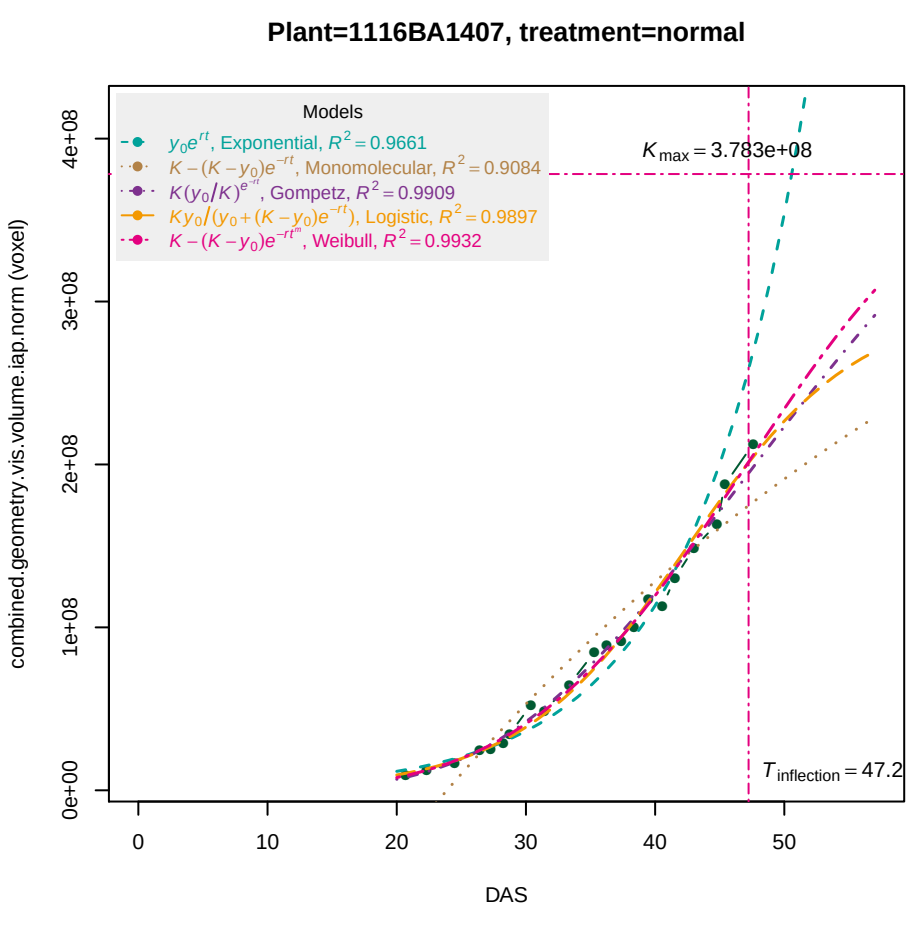

Plant=1116BA1146, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9025$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9454$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9660$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9707$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9794$
$K_{max} = 8.882e+07$
$T_{inflection} = 39.04$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

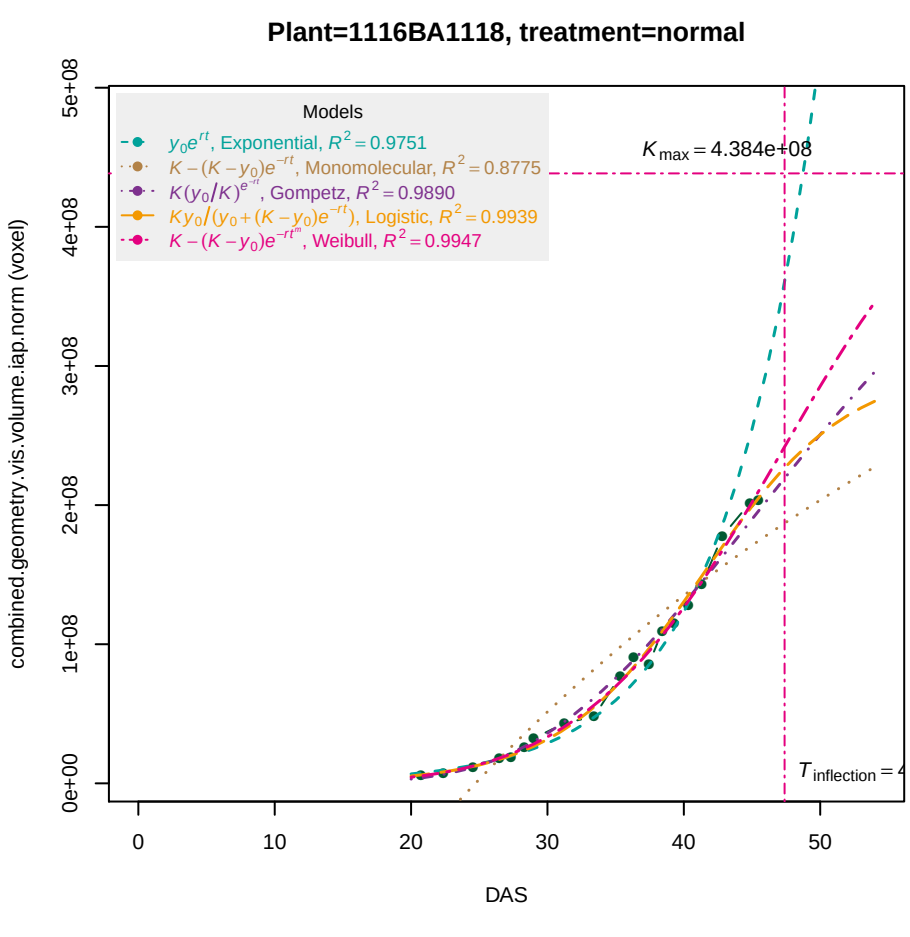

Plant=1116BA1163, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9159$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9681$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9855$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9761$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9882$
$K_{max} = 1.702e+08$
$T_{inflection} = 42.26$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

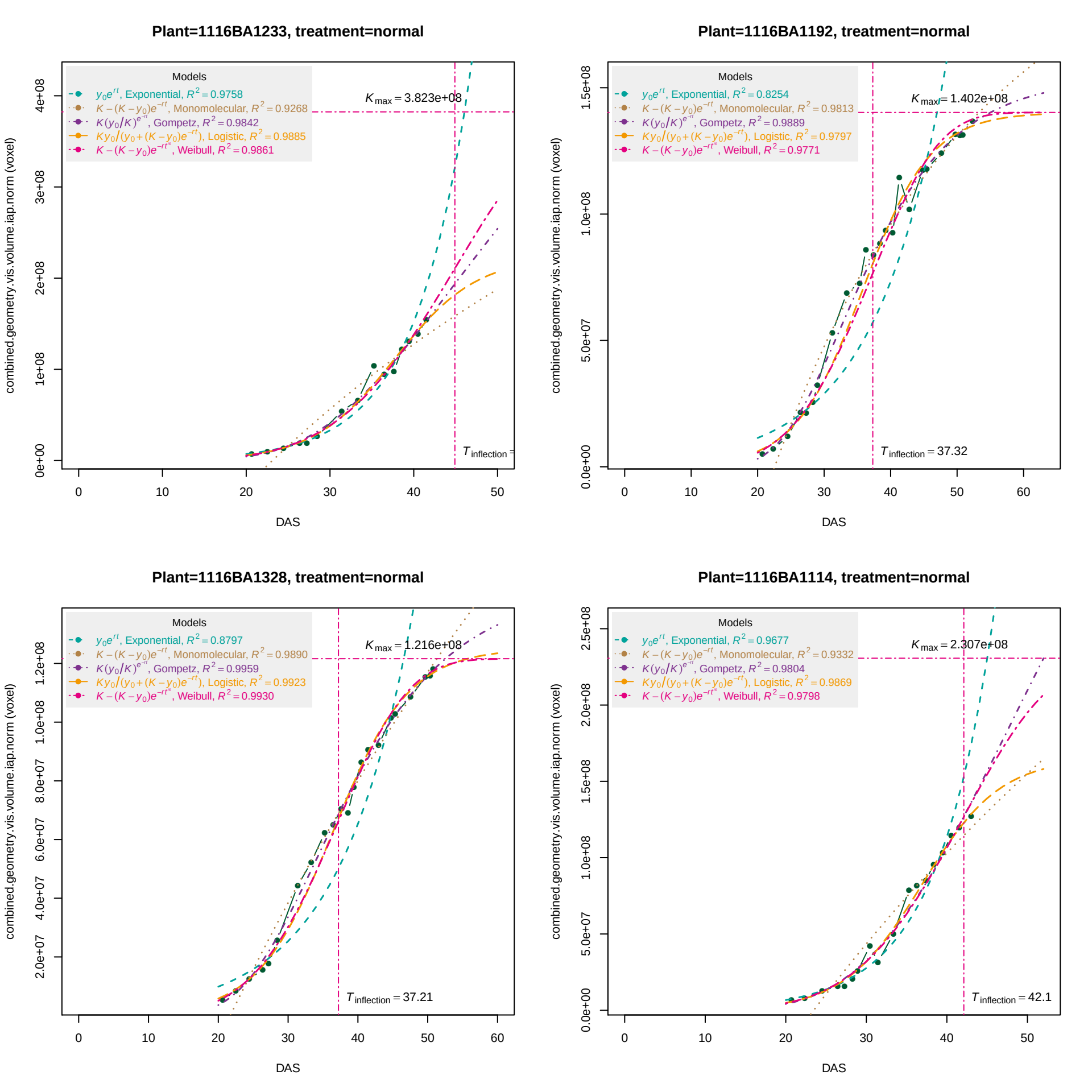

Plant=1116BA1259, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9640$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9166$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9892$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9927$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9927$
$K_{max} = 3.643e+08$
$T_{inflection} = 41.33$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1403, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9855$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9271$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9946$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9967$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9961$
$K_{max} = 5.174e+08$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
DAS

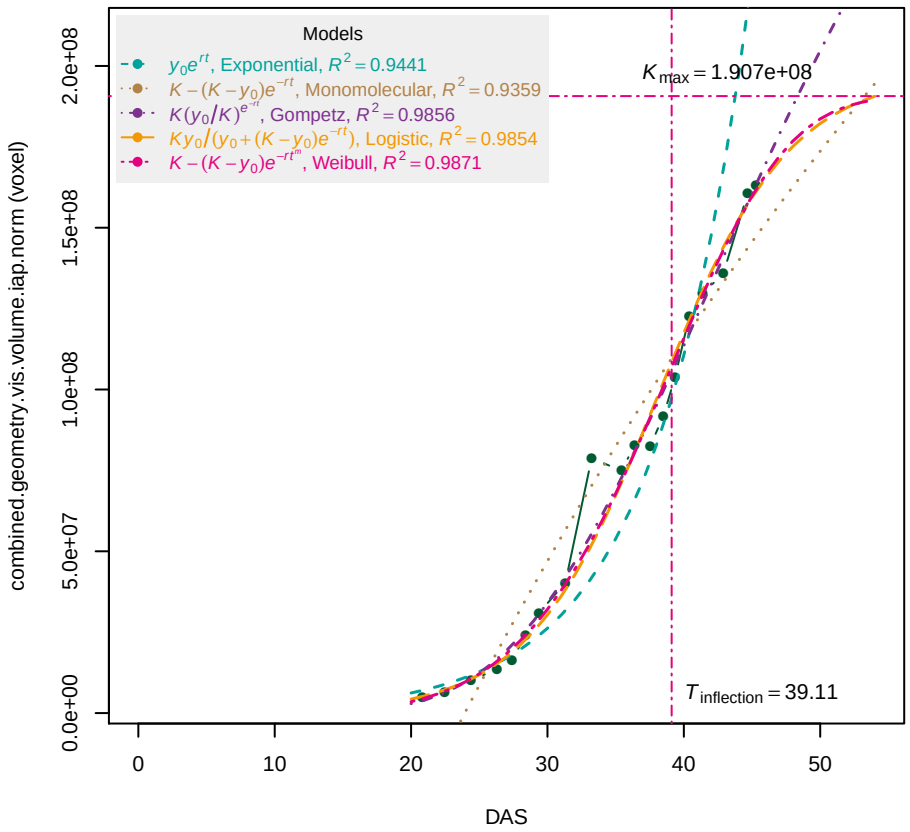

Plant=1116BA1162, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9352$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9394$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9782$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9741$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9827$
$K_{max} = 1.694e+08$
$T_{inflection} = 39.58$
combined.geometry.vis.volume.iap.norm (voxel)
0.0e+00
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
DAS


Plant=1116BA1407, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9661$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9084$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9909$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9897$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9932$
$K_{max} = 3.783e+08$
$T_{inflection} = 47.2$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
0
10
20
30
40
50
DAS

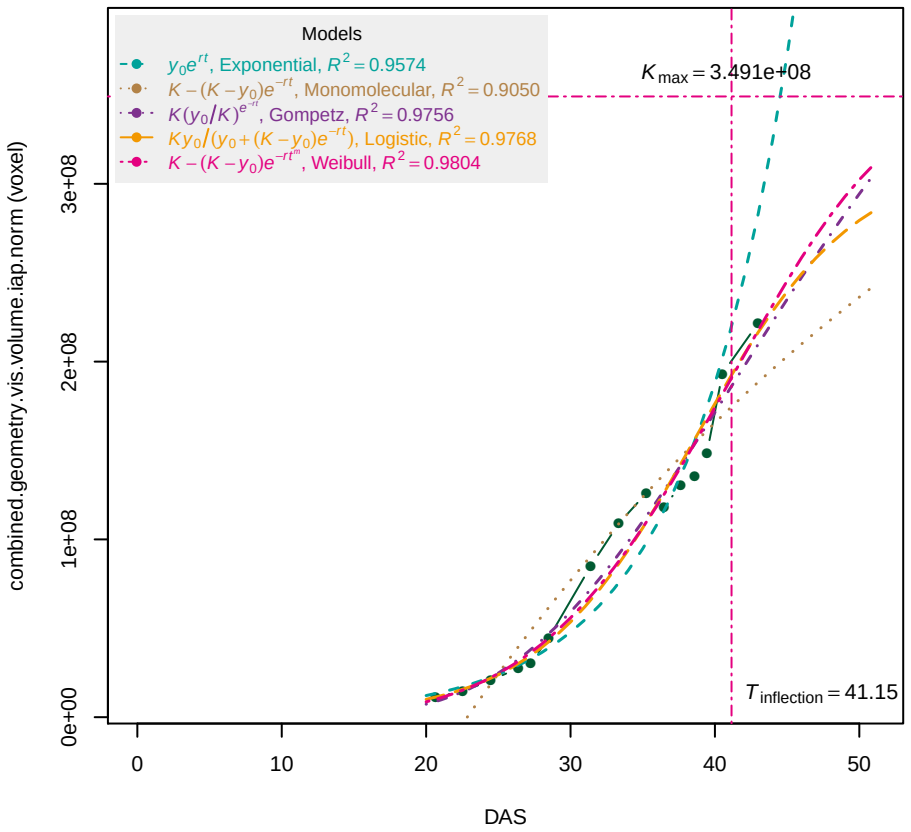

Plant=1116BA1118, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9751$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8775$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9890$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9939$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9947$
$K_{max} = 4.384e+08$
$T_{inflection} =$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
DAS


Plant=1116BA1233, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9758$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9268$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9842$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9885$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9861$
$K_{max} = 3.823e+08$
$T_{inflection}$ =
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Plant=1116BA1192, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.8254$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9813$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9889$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9797$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9771$
K_{max}= 1.402e+08
$T_{inflection} = 37.32$
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Plant=1116BA1328, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.8797$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9890$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9959$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9923$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9930$
$K_{max} = 1.216e+08$
$T_{inflection} = 37.21$
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Plant=1116BA1114, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9677$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9332$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9804$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9869$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9798$
$K_{max} = 2.307e+08$
$T_{inflection} = 42.1$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

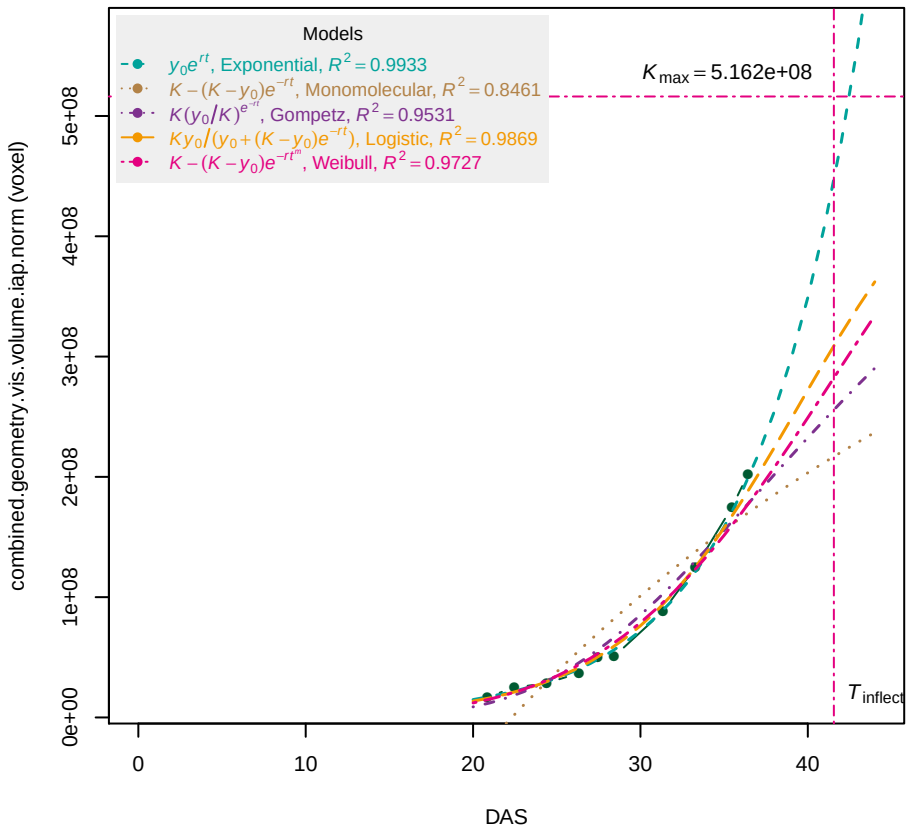
Plant=1116BA1335, treatment=normal



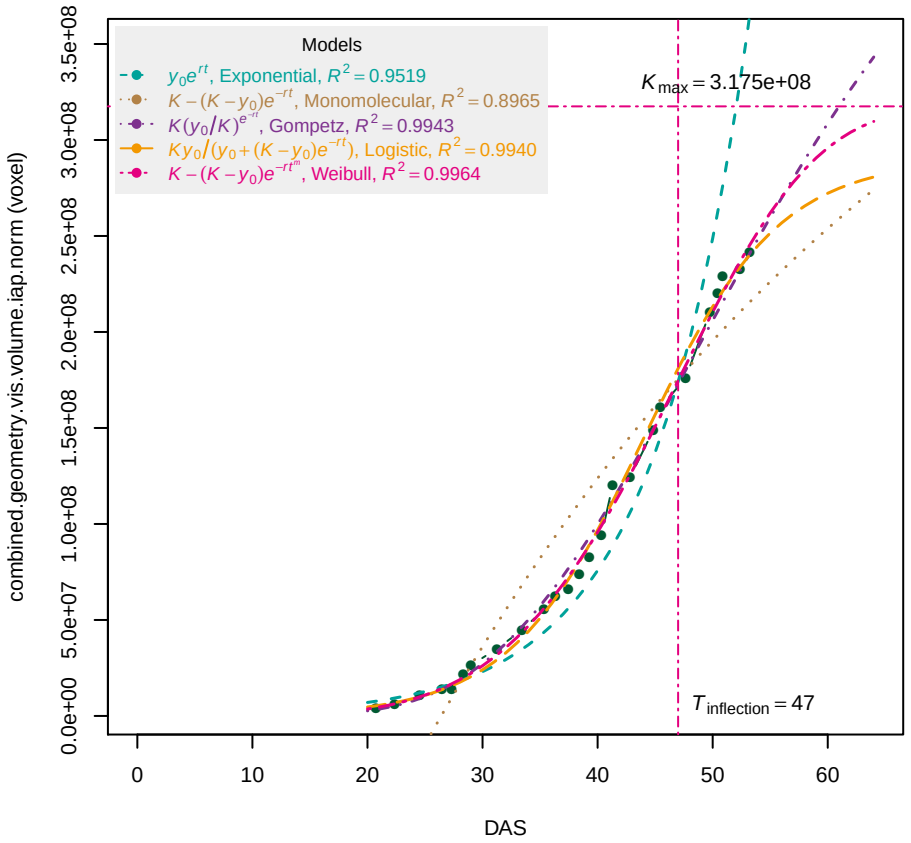
Plant=1116BA1104, treatment=normal

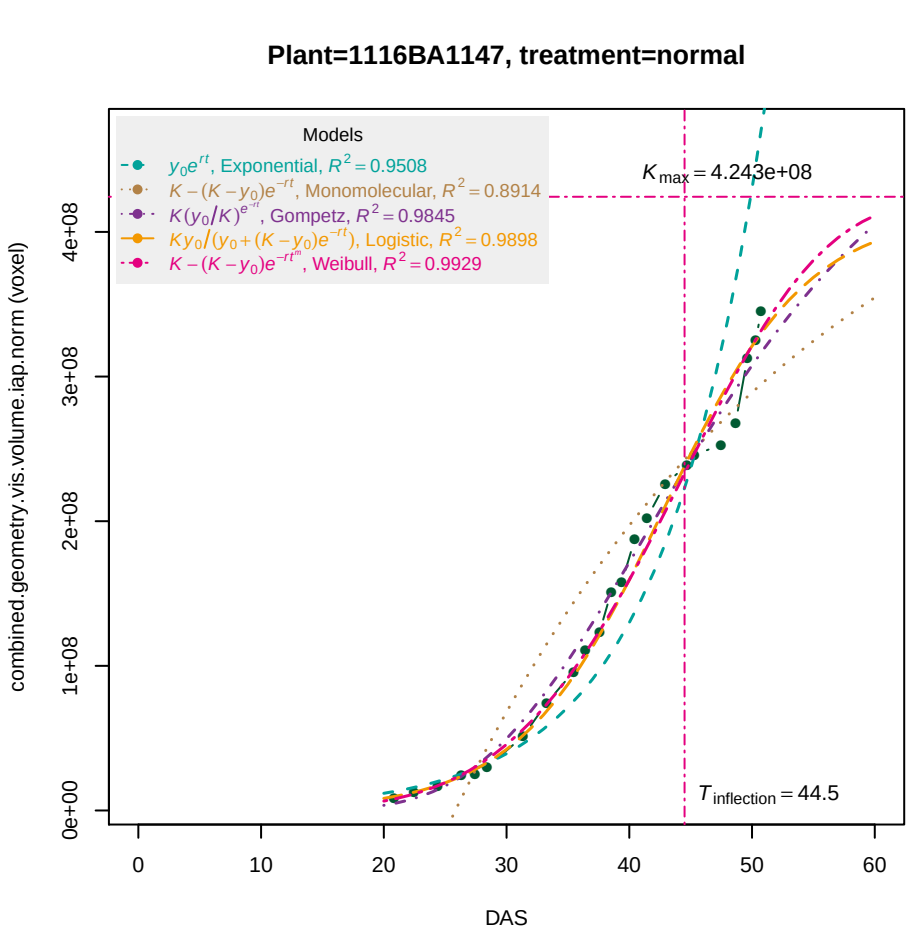


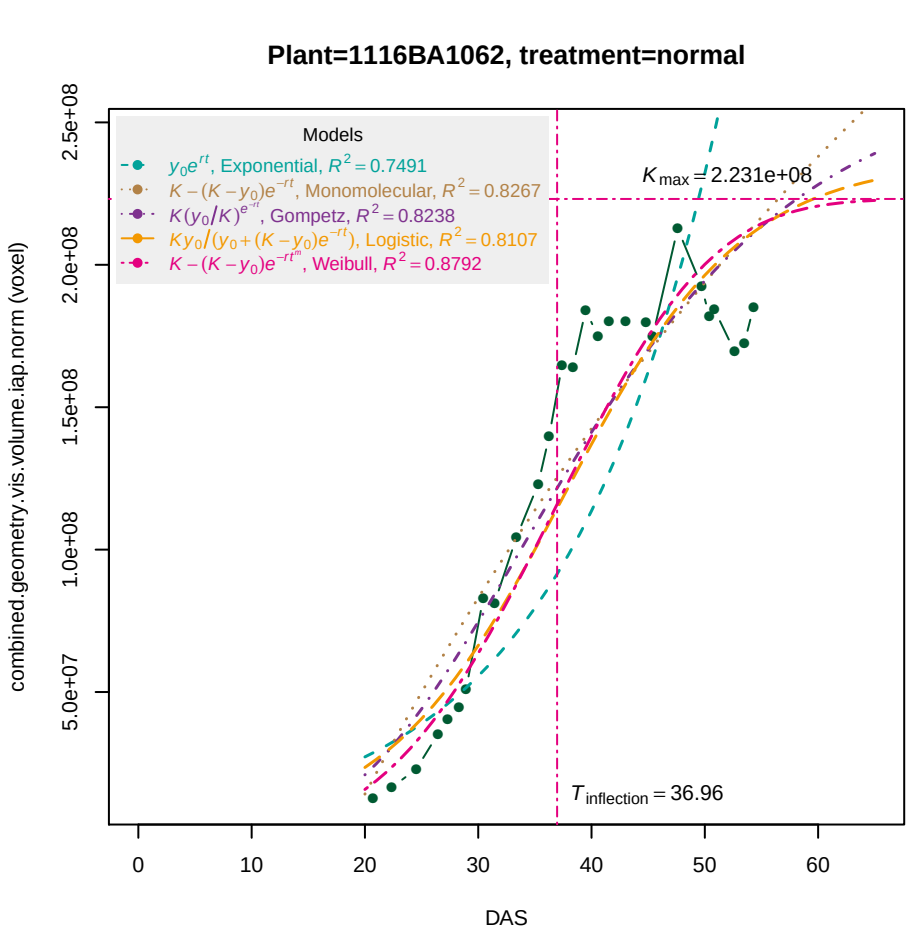
Plant=1116BA1350, treatment=normal

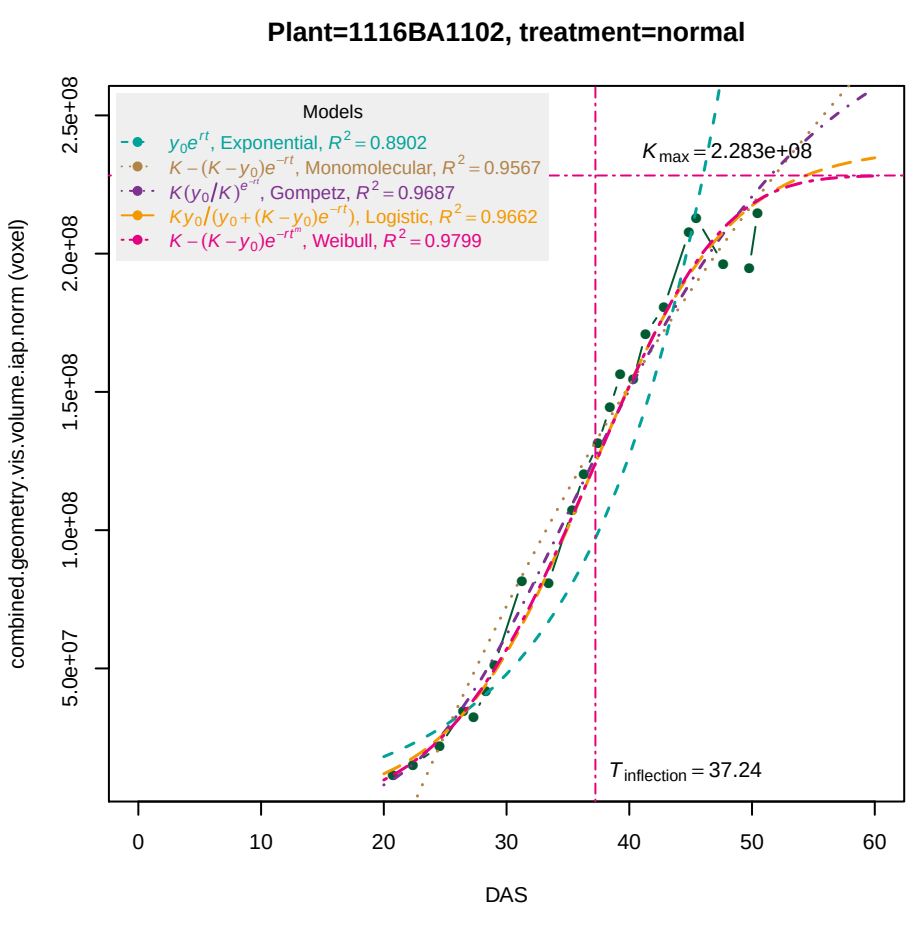


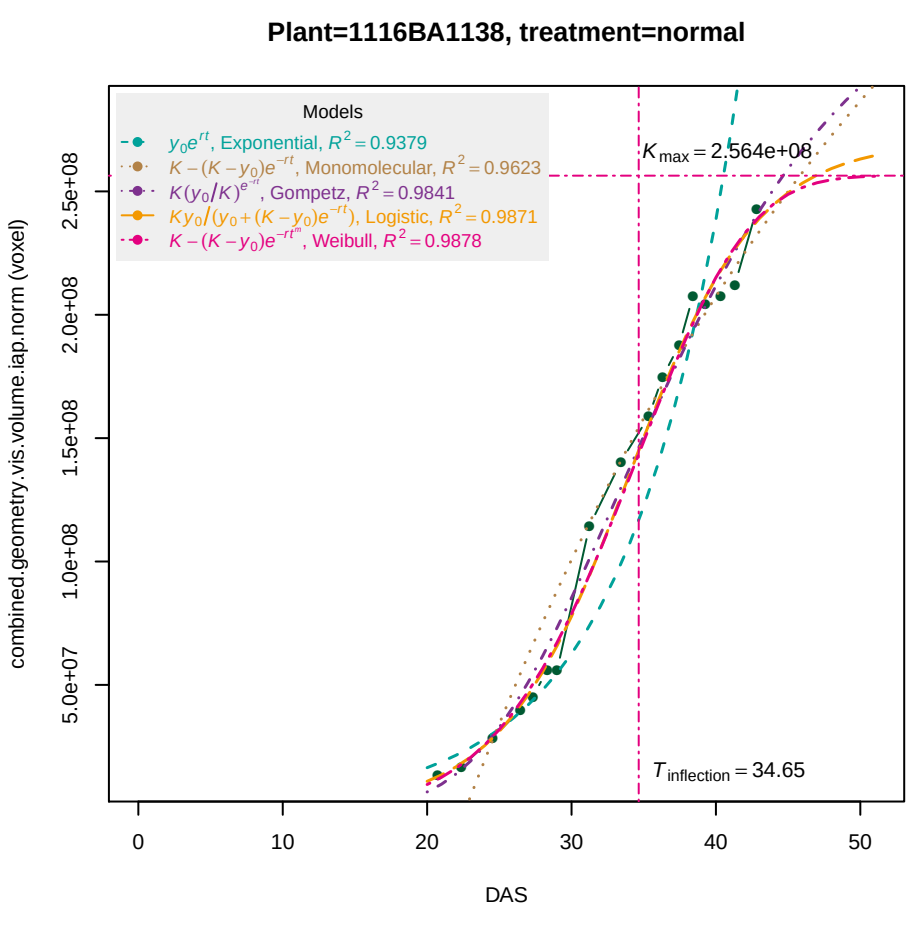
Plant=1116BA1140, treatment=normal



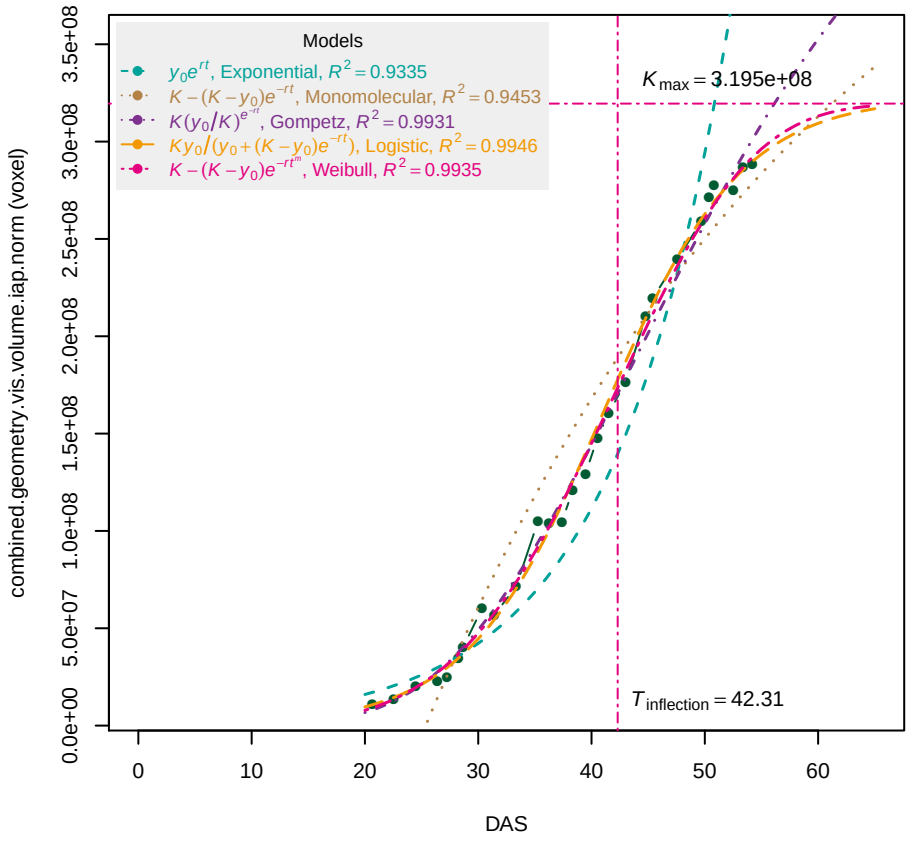

Plant=1116BA1147, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9508$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8914$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9845$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9898$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9929$
$K_{max} = 4.243e+08$
$T_{inflection} = 44.5$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1062, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.7491$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8267$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.8238$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.8107$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.8792$
$K_{max} = 2.231e+08$
$T_{inflection} = 36.96$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

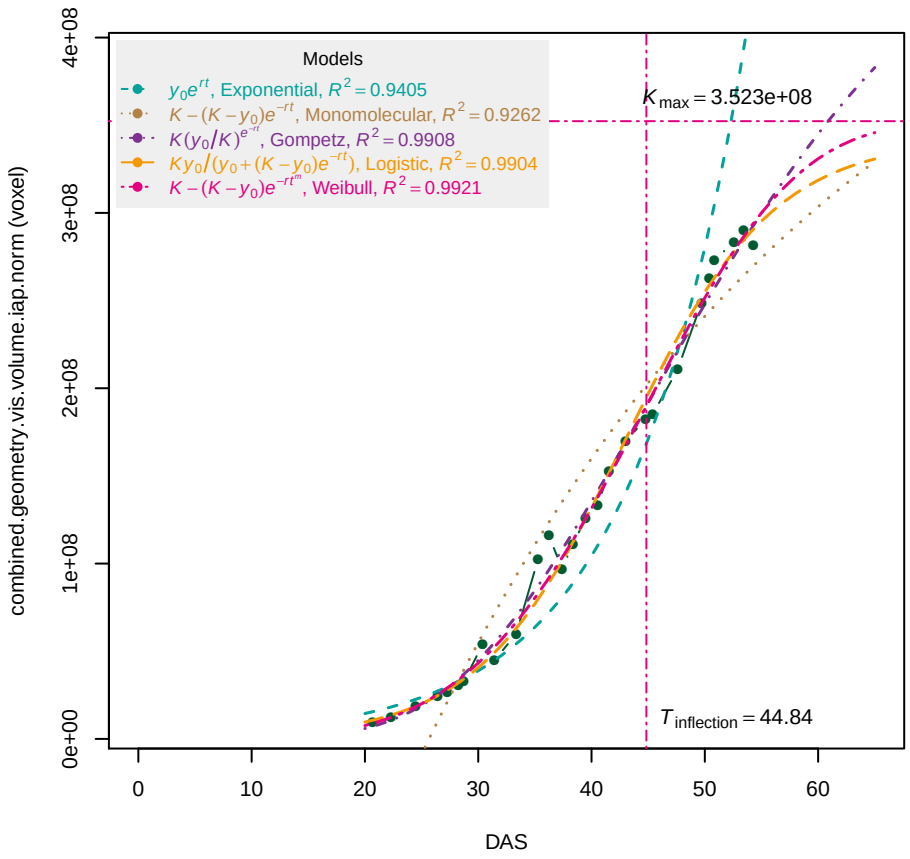

Plant=1116BA1102, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.8902$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9567$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9687$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9662$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9799$
$K_{max} = 2.283e+08$
$T_{inflection} = 37.24$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1138, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9379$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9623$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9841$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9871$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9878$
$K_{max} = 2.564e+08$
$T_{inflection} = 34.65$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

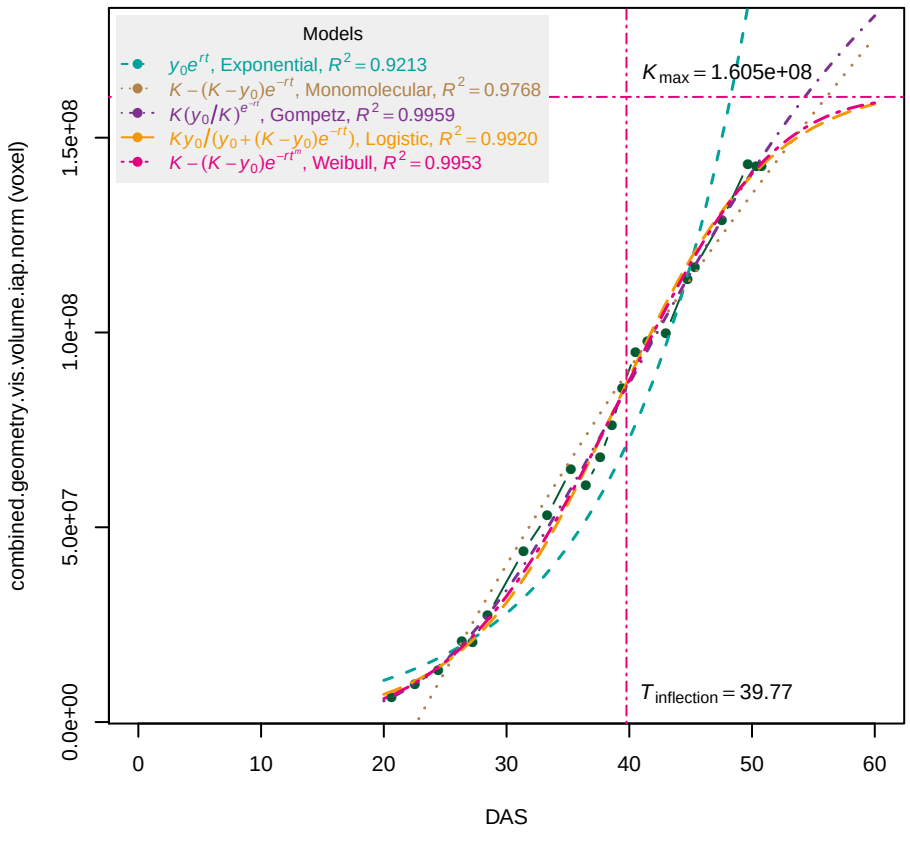
Plant=1116BA1168, treatment=normal



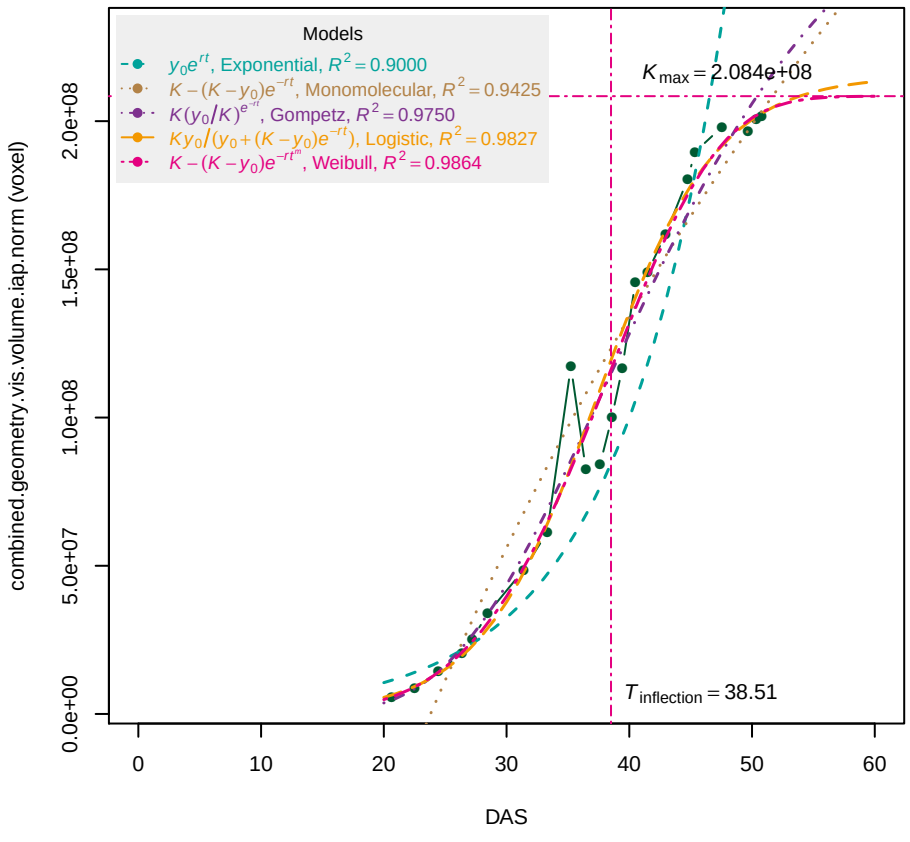
Plant=1116BA1181, treatment=normal

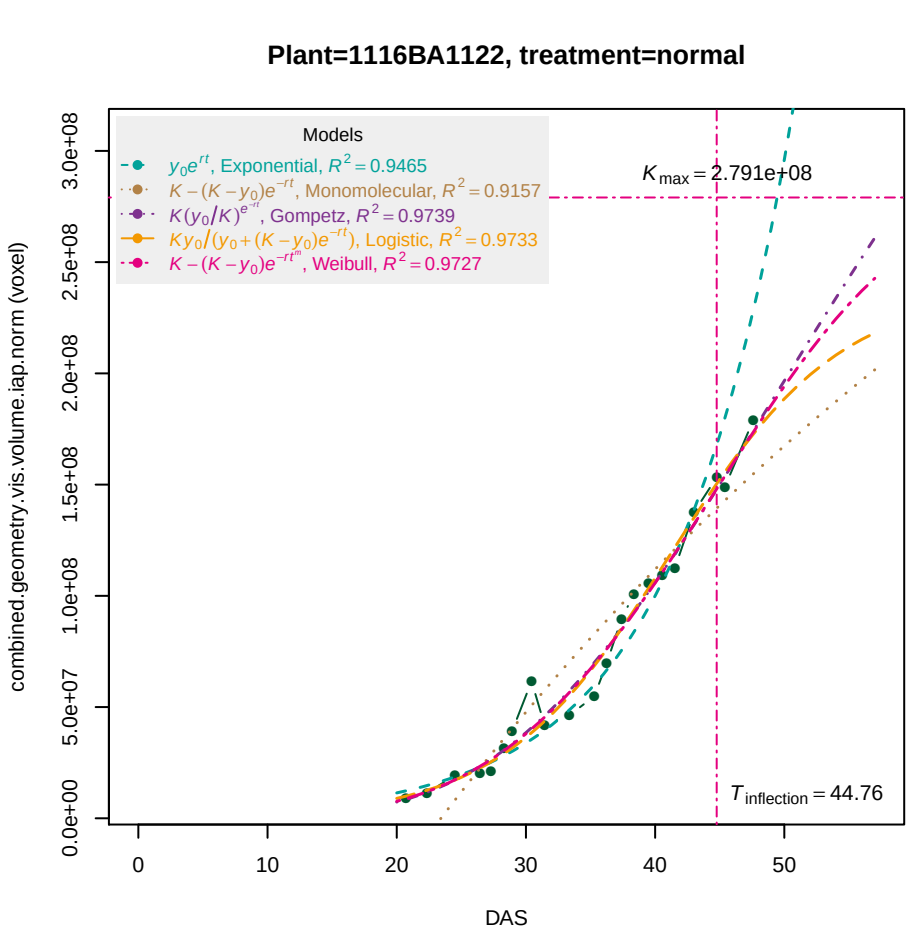


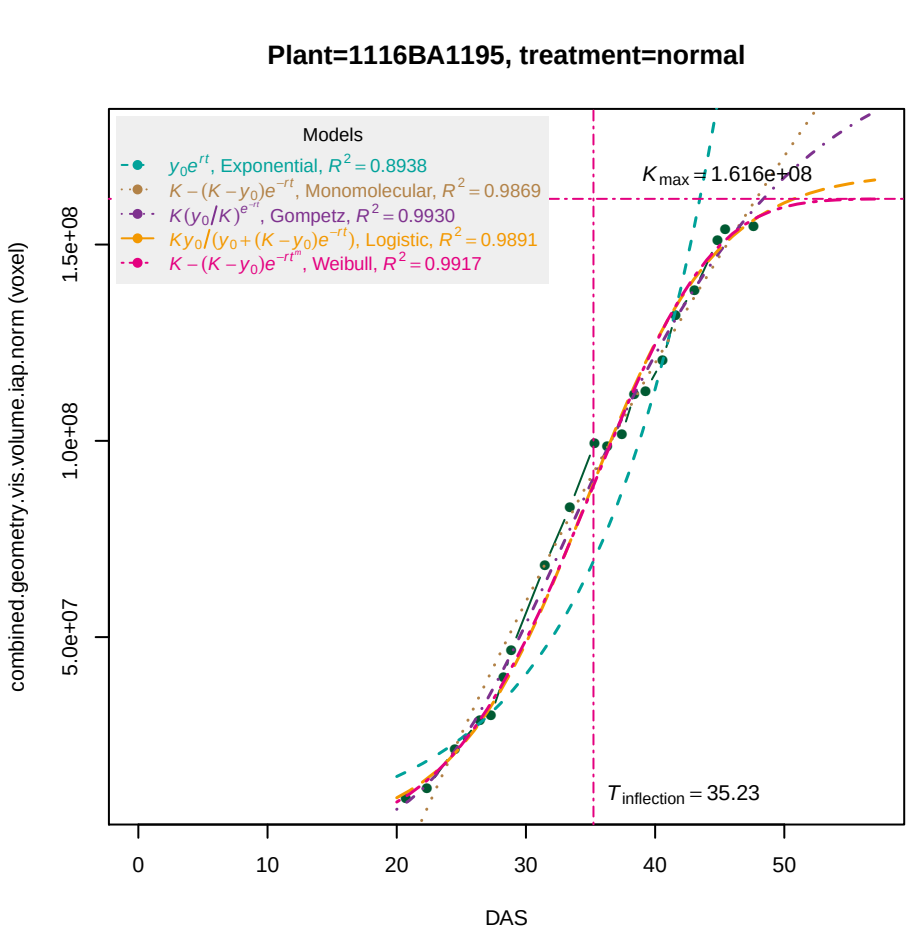
Plant=1116BA1046, treatment=normal

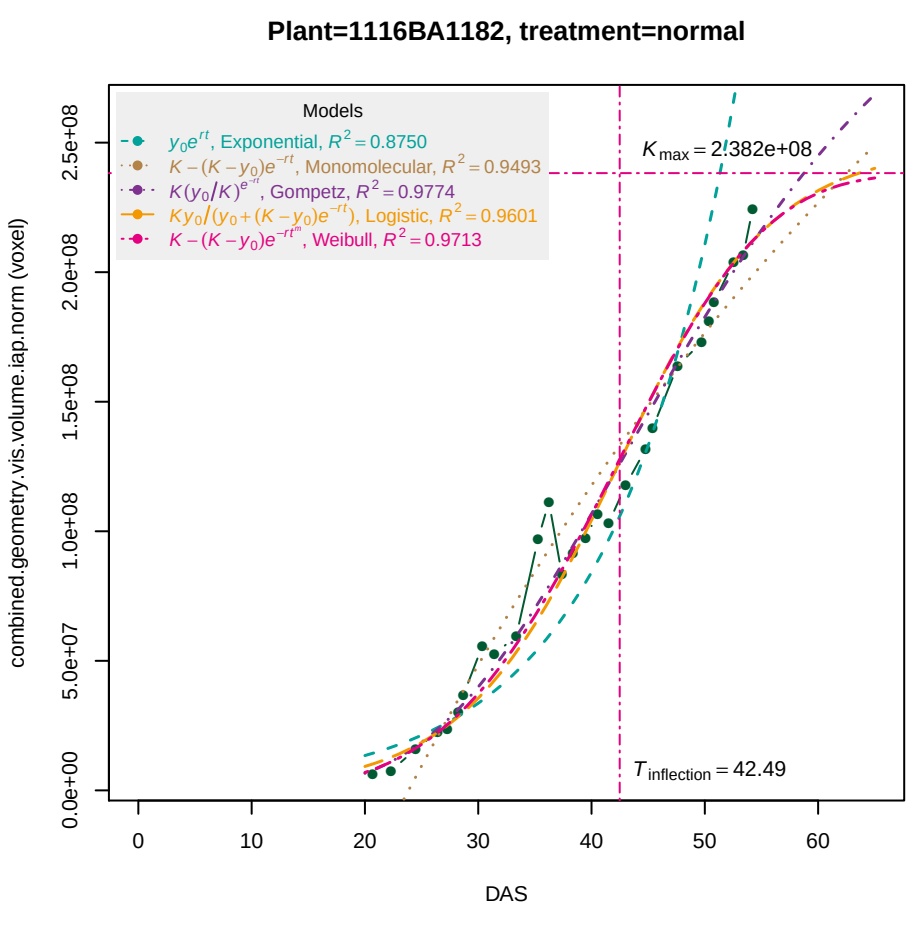


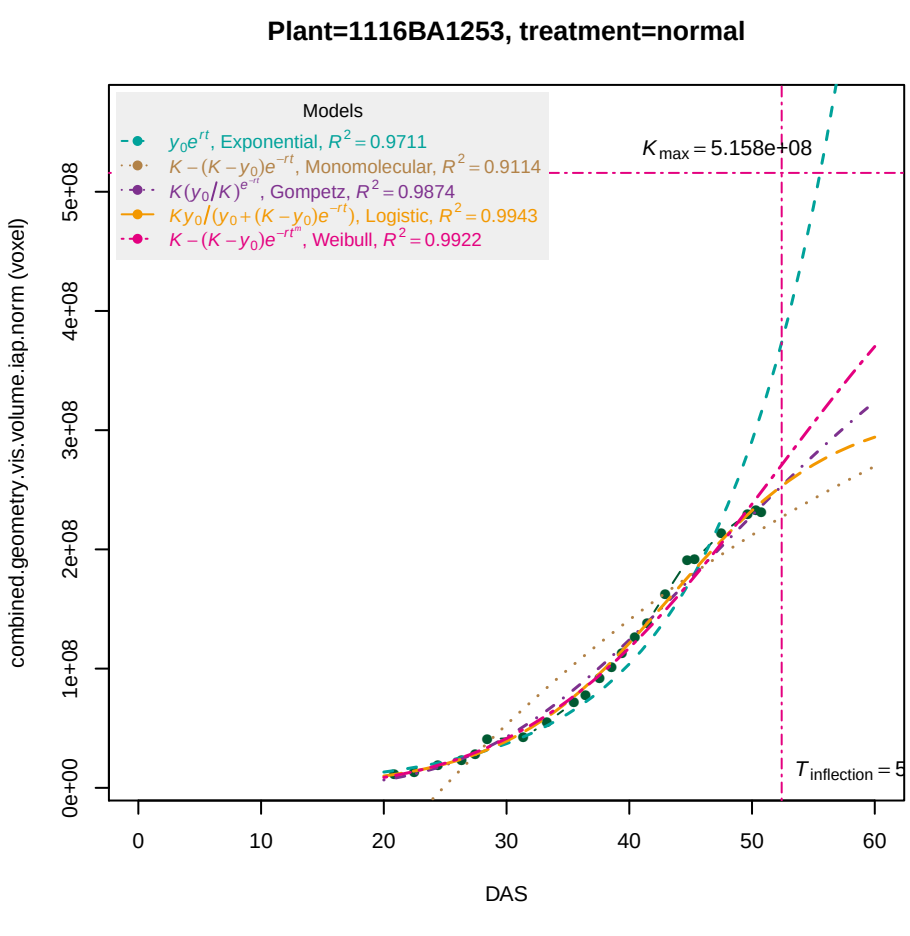
Plant=1116BA1294, treatment=normal



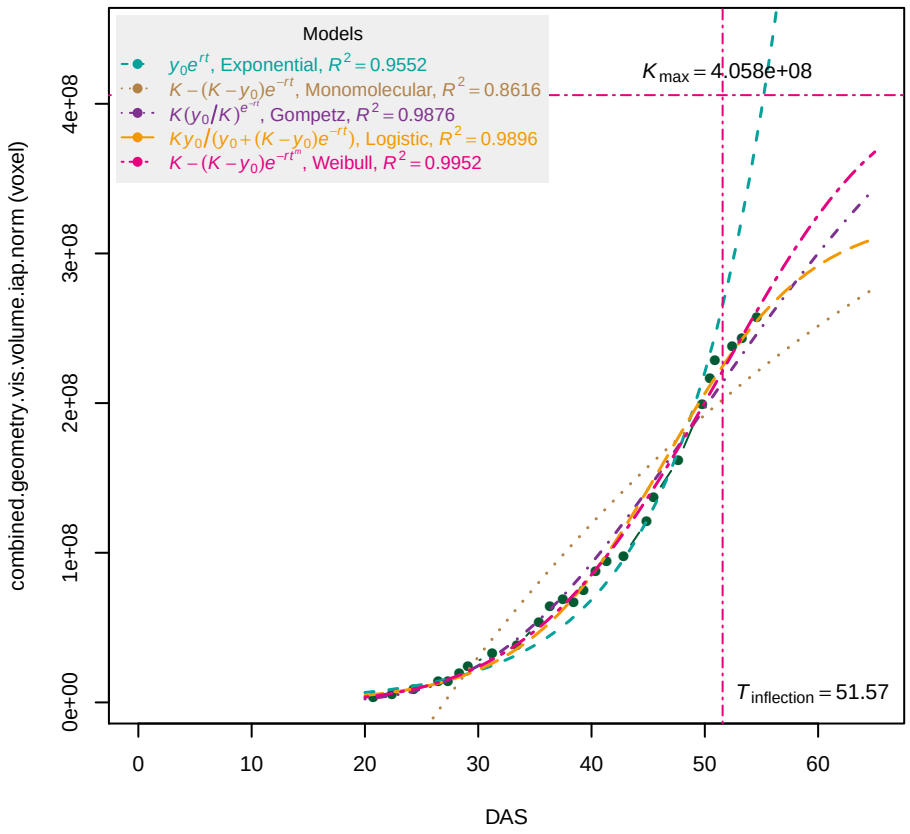

Plant=1116BA1122, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9465$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9157$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9739$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9733$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9727$
$K_{max} = 2.791e+08$
$T_{inflection} = 44.76$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1195, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.8938$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9869$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9930$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9891$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9917$
$K_{max} = 1.616e+08$
$T_{inflection} = 35.23$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

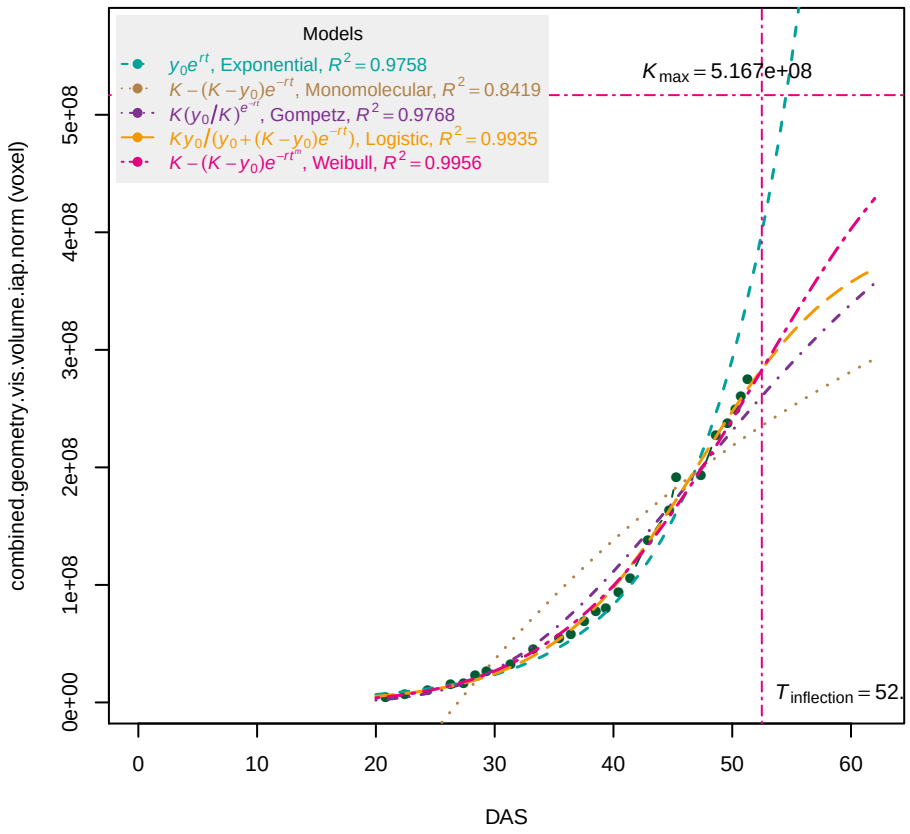

Plant=1116BA1182, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.8750$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9493$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9774$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9601$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9713$
$K_{max} = 2.382e+08$
$T_{inflection} = 42.49$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1253, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9711$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9114$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9874$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9943$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9922$
$K_{max} = 5.158e+08$
$T_{inflection} = 5$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

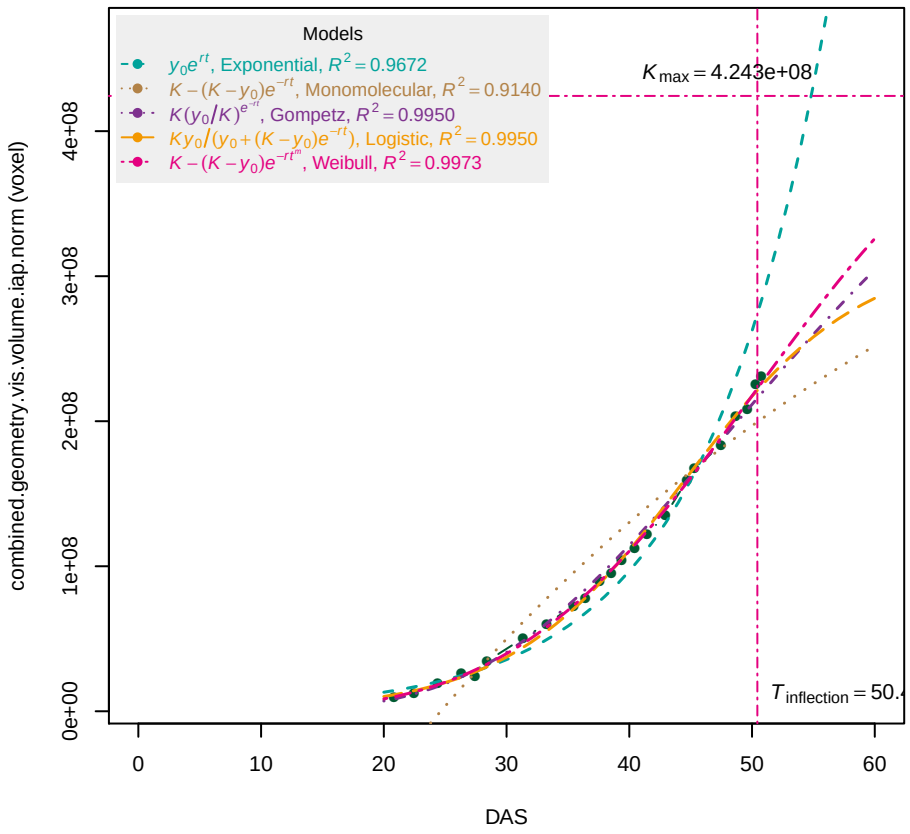
Plant=1116BA1194, treatment=normal



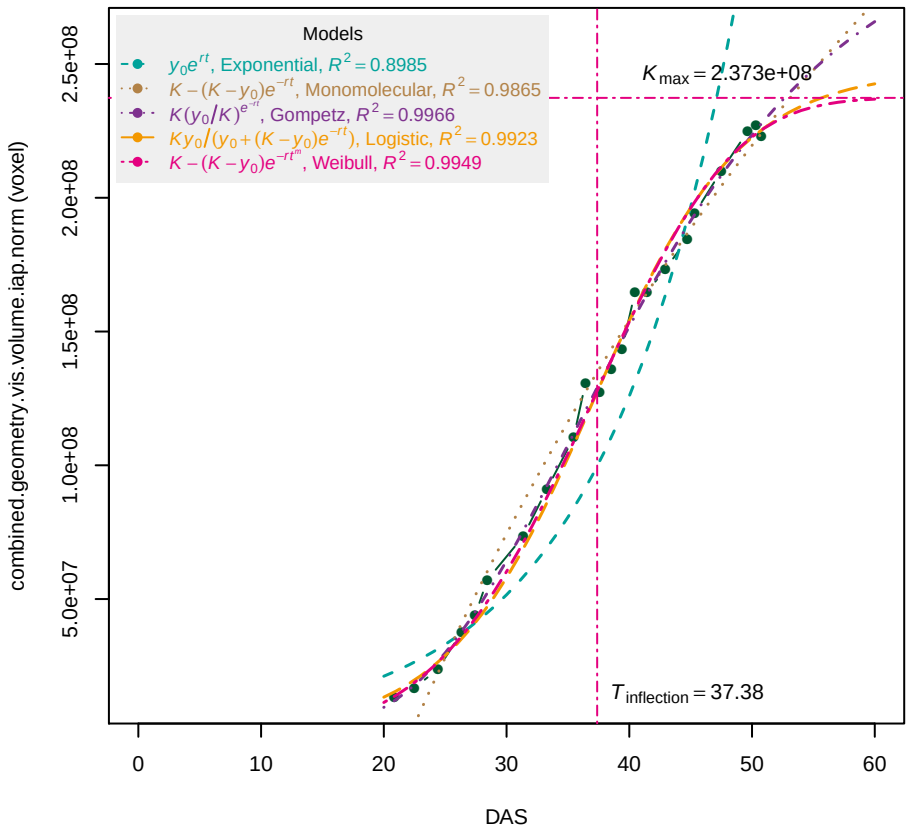
Plant=1116BA1382, treatment=normal



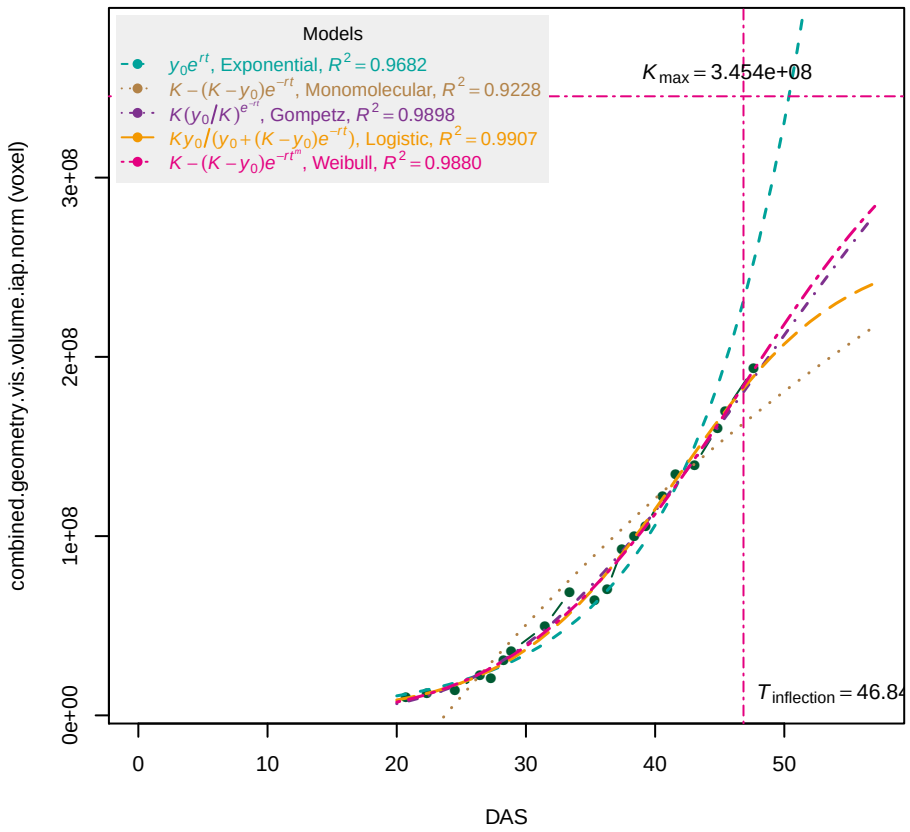
Plant=1116BA1039, treatment=normal



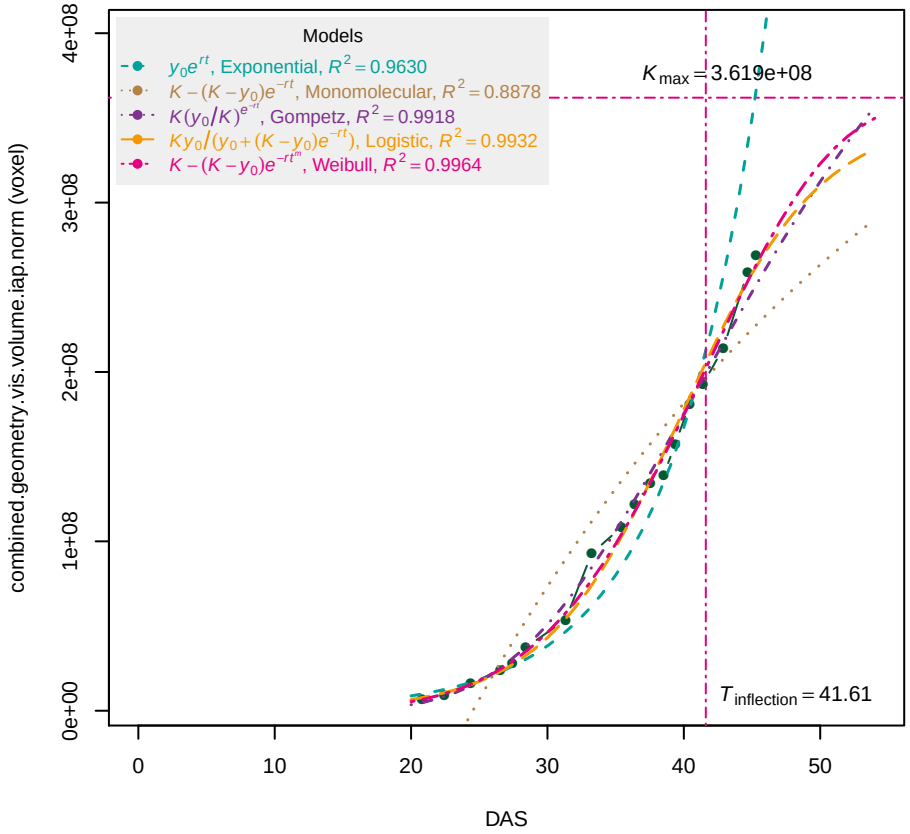
Plant=1116BA1187, treatment=normal



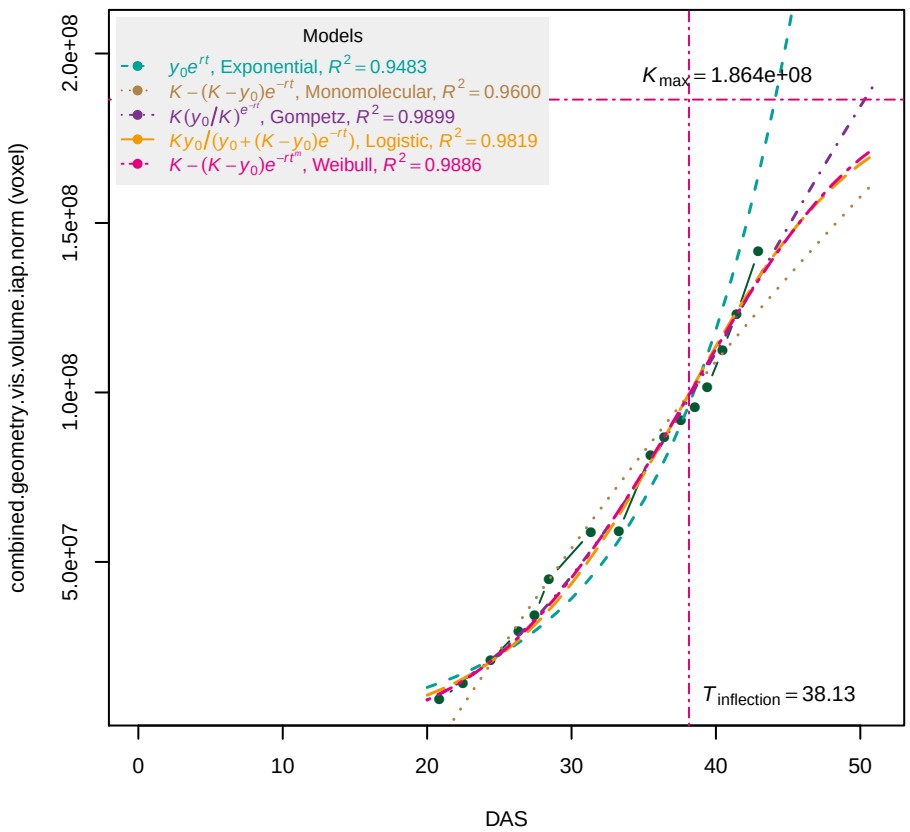
Plant=1116BA1170, treatment=normal



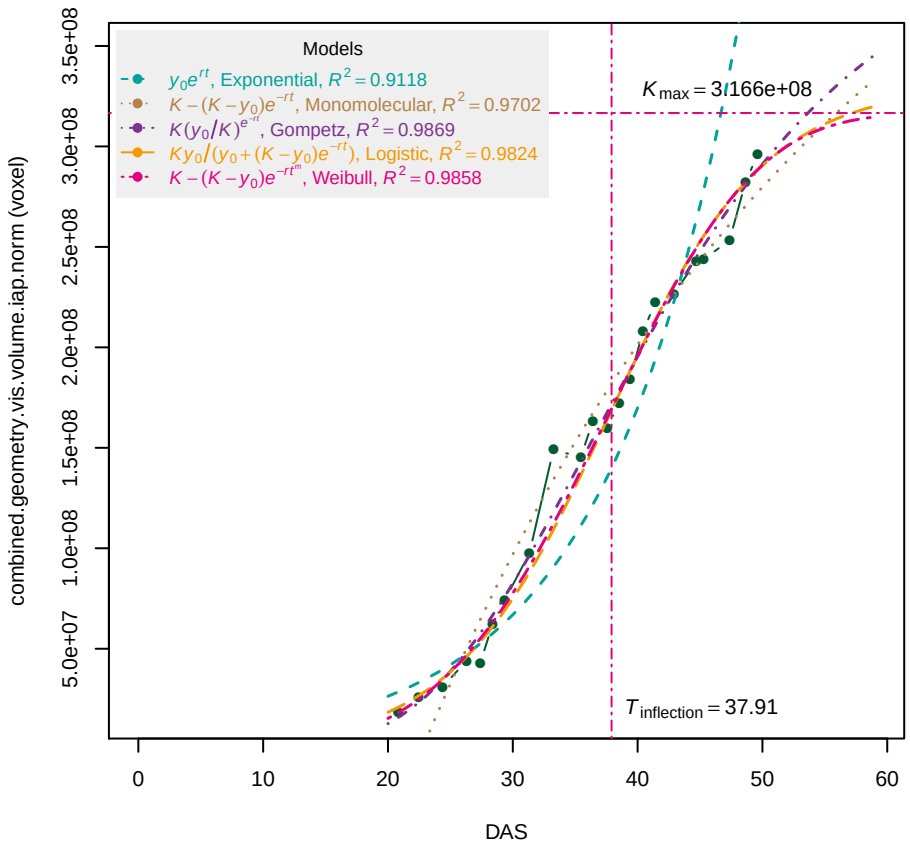
Plant=1116BA1376, treatment=normal

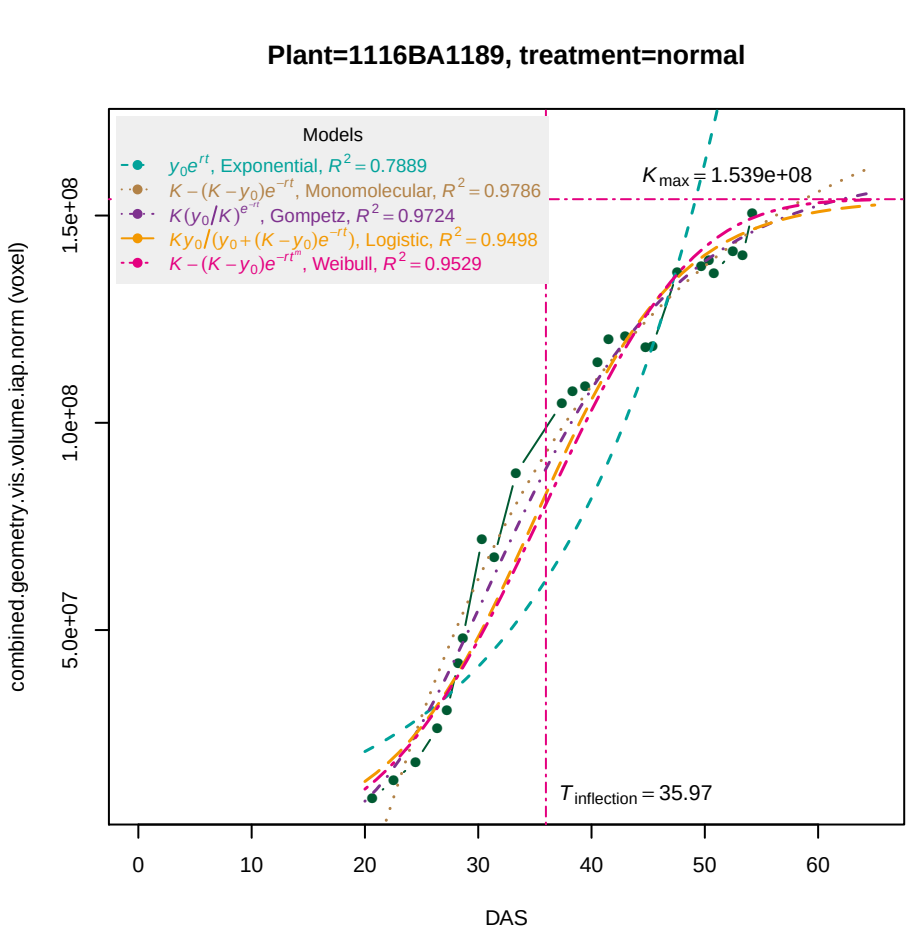


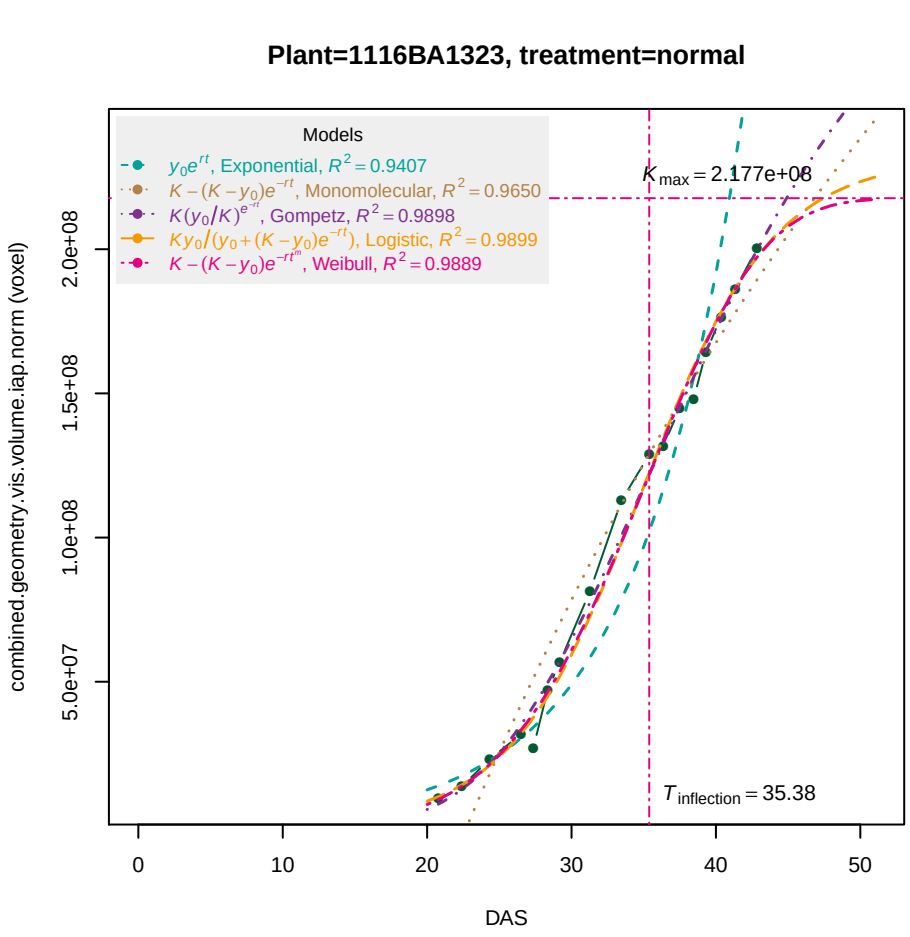
Plant=1116BA1402, treatment=normal

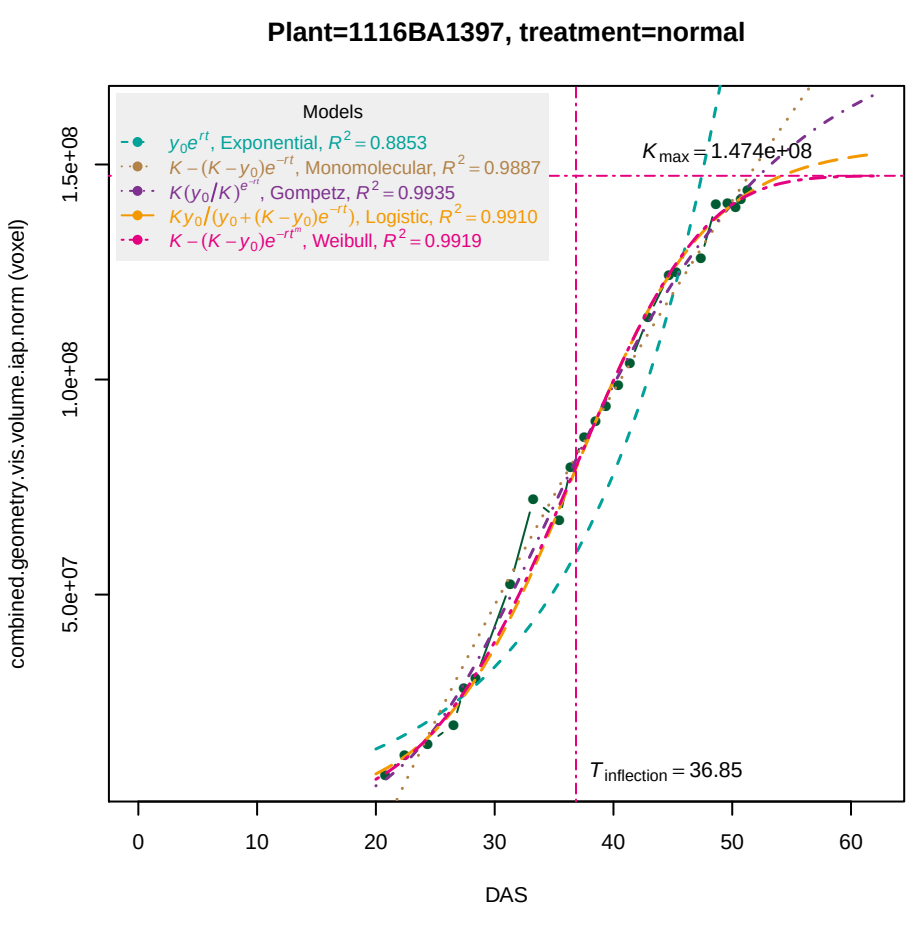


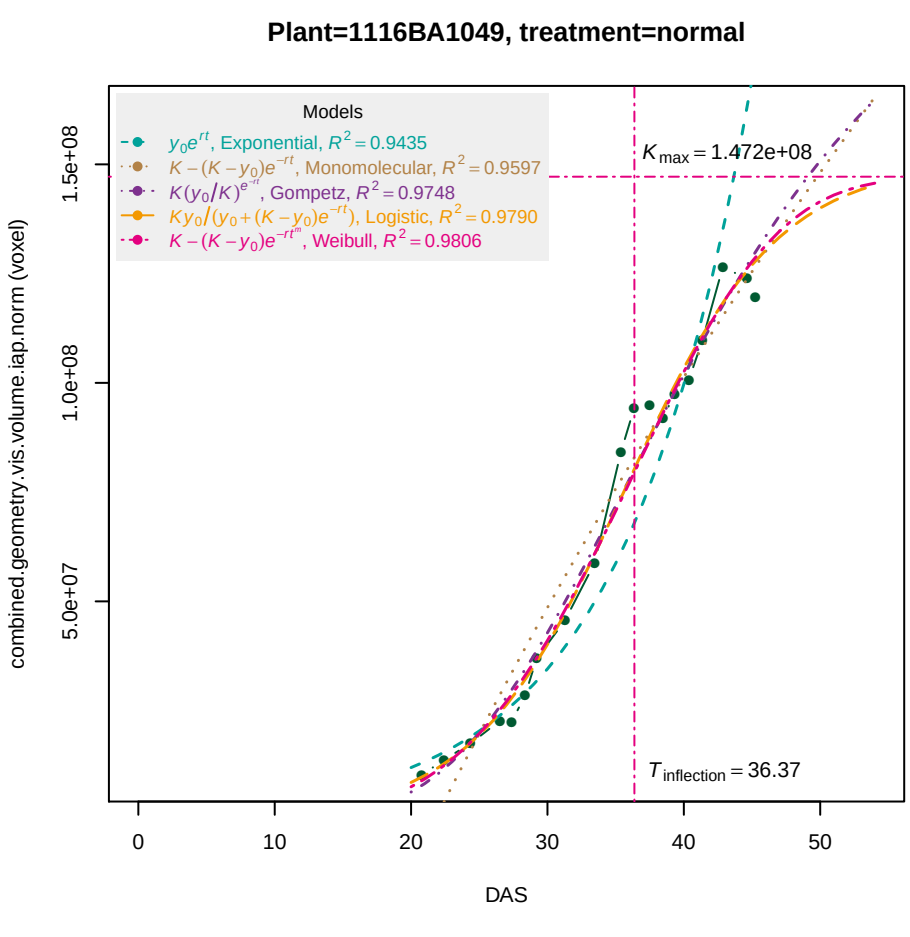
Plant=1116BA1360, treatment=normal



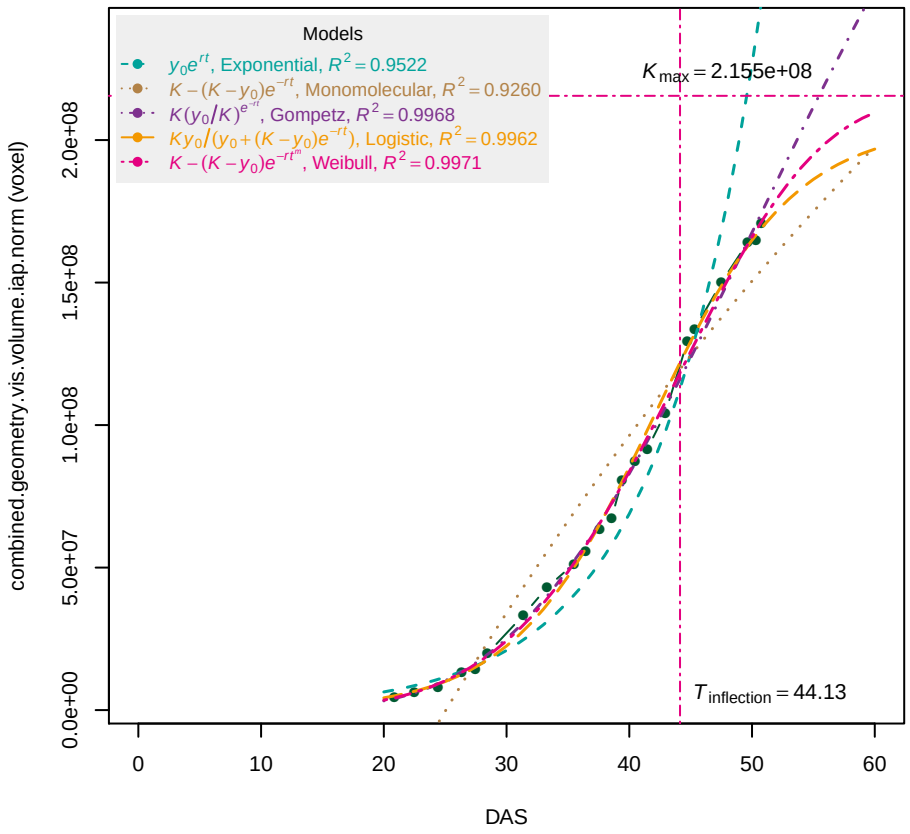

Plant=1116BA1189, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.7889$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9786$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9724$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9498$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9529$
$K_{max} = 1.539e+08$
$T_{inflection} = 35.97$
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
60
DAS


Plant=1116BA1323, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9407$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9650$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9898$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9899$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9889$
$K_{max} = 2.177e+08$
$T_{inflection} = 35.38$
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
2.0e+08
0
10
20
30
40
50
DAS

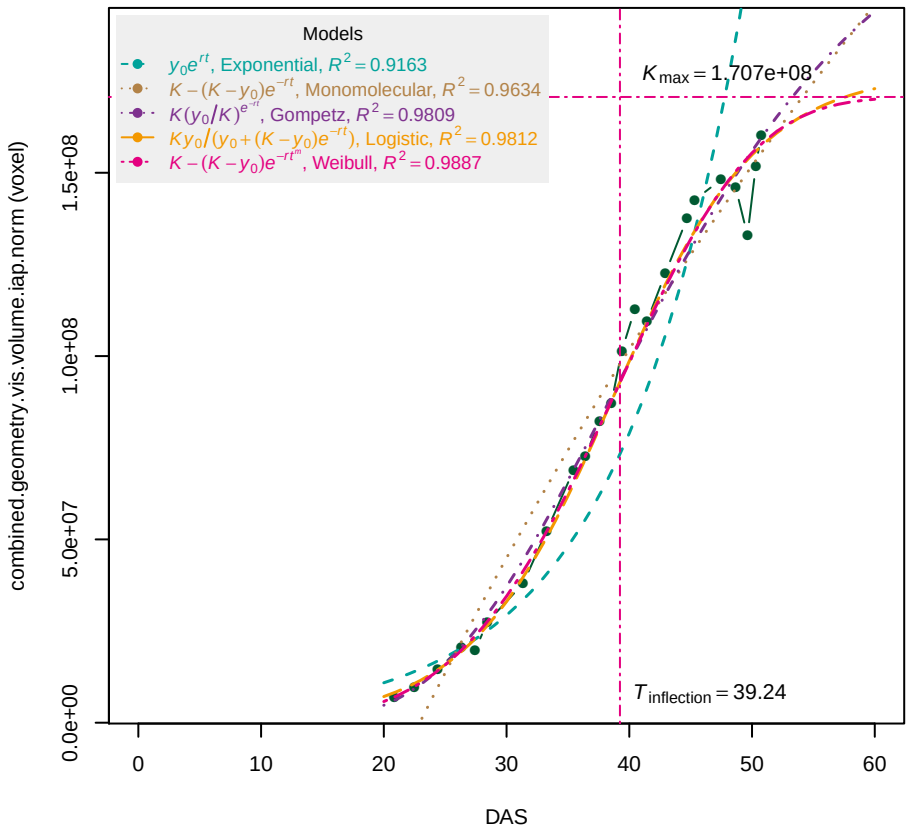

Plant=1116BA1397, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.8853$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9887$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9935$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9910$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9919$
$K_{max} = 1.474e+08$
$T_{inflection} = 36.85$
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
60
DAS


Plant=1116BA1049, treatment=normal
Models
y_0e^{rt}, Exponential, $R^2 = 0.9435$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9597$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9748$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9790$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9806$
$K_{max} = 1.472e+08$
$T_{inflection} = 36.37$
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
DAS

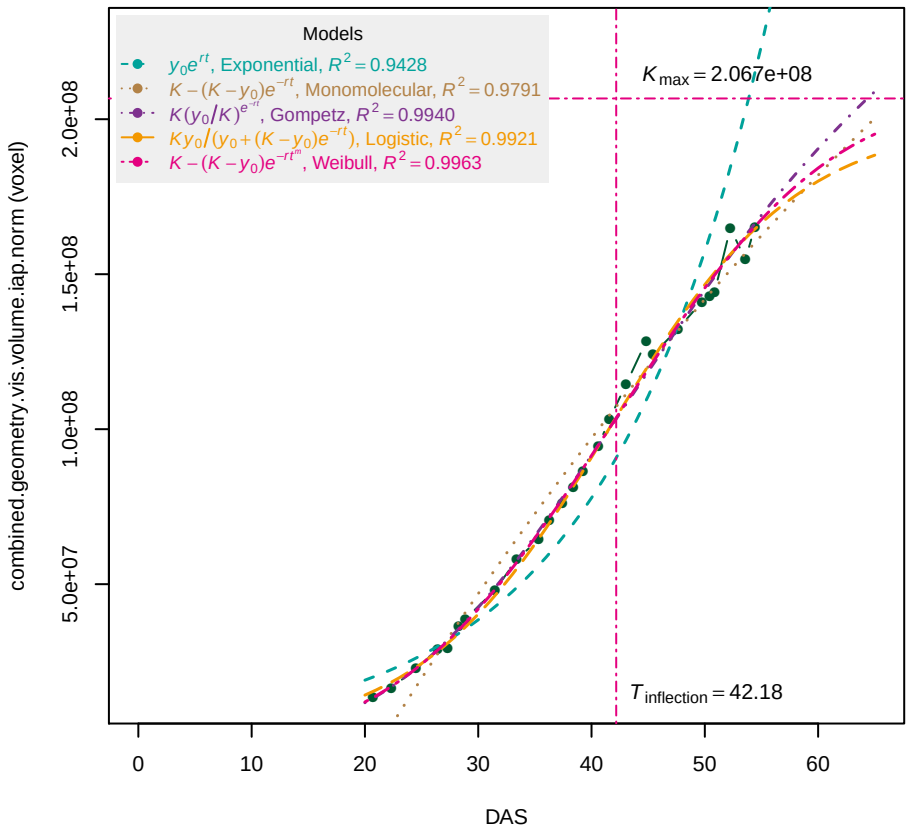
Plant=1116BA1040, treatment=normal



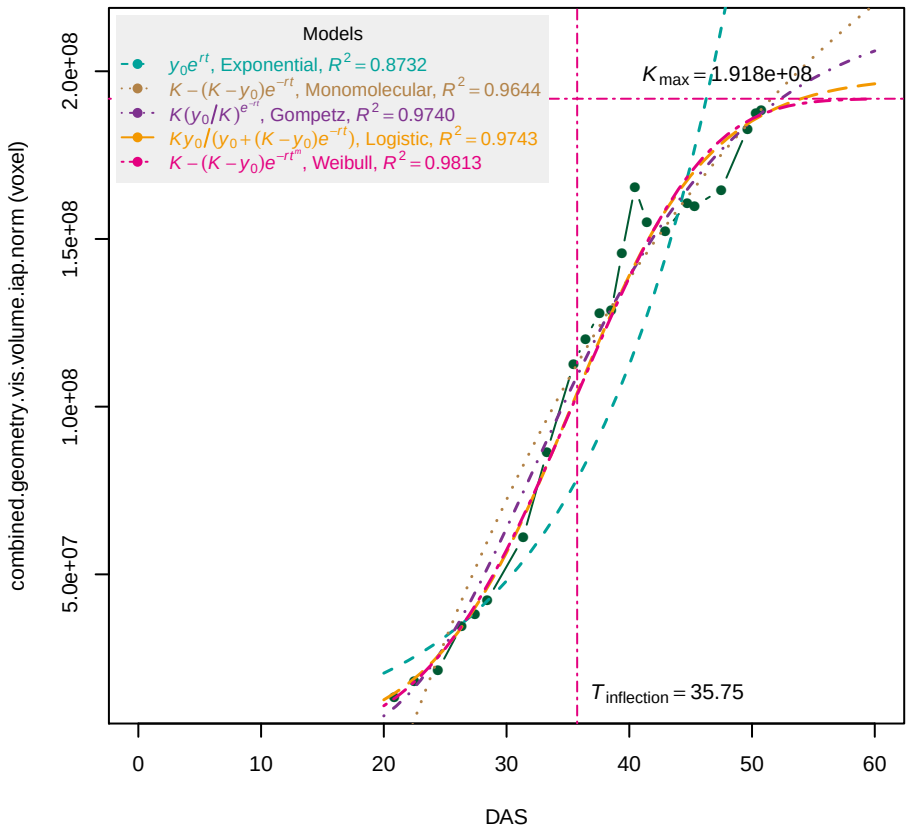
Plant=1116BA1390, treatment=normal



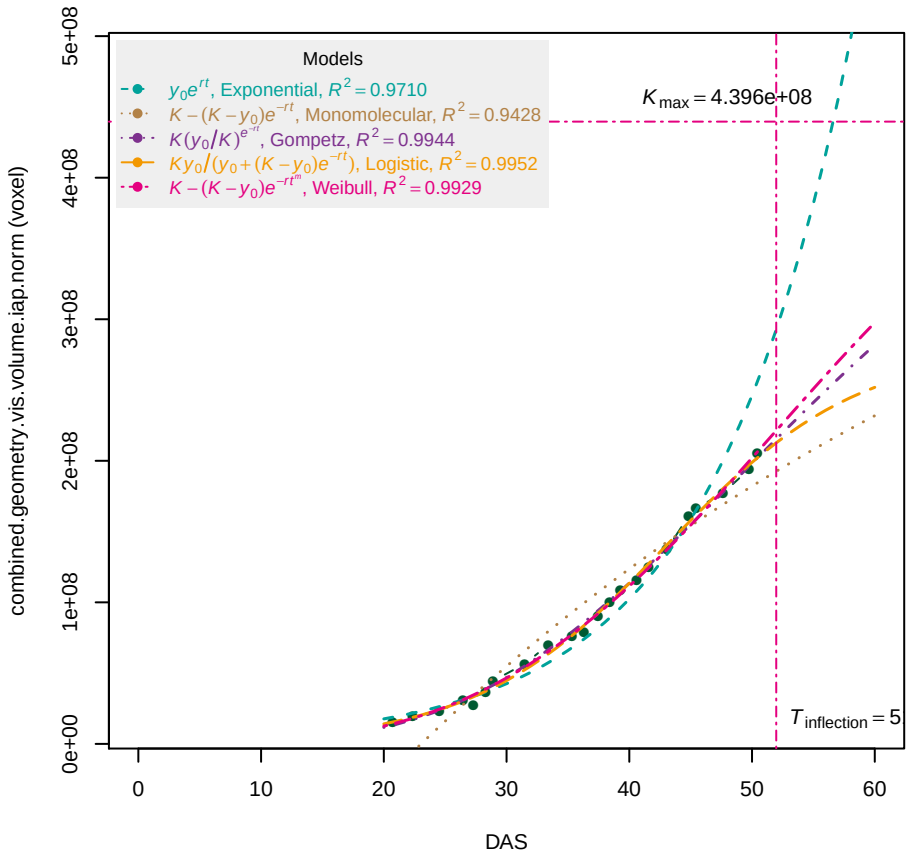
Plant=1116BA1043, treatment=normal



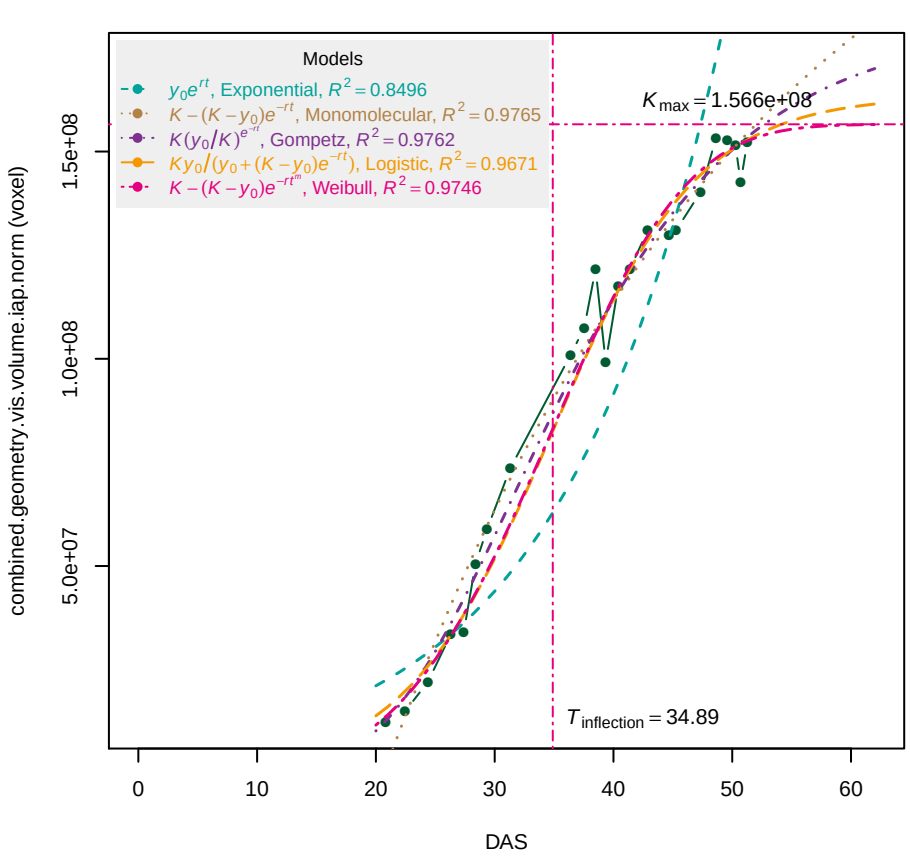
Plant=1116BA1224, treatment=normal



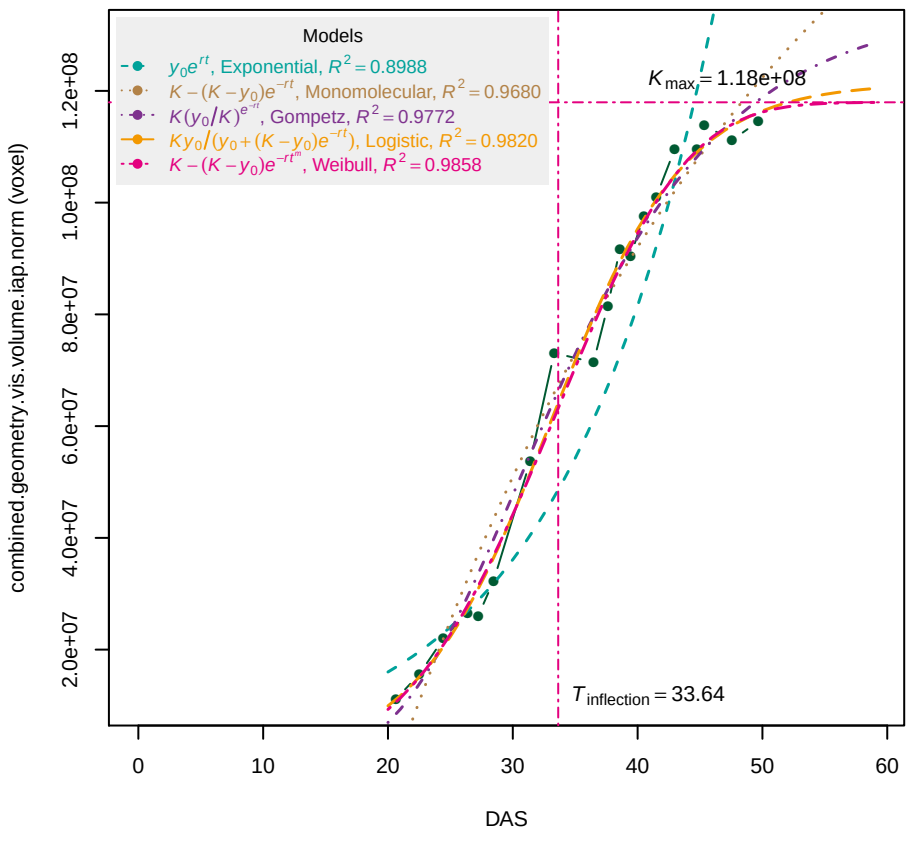
Plant=1116BA1216, treatment=normal



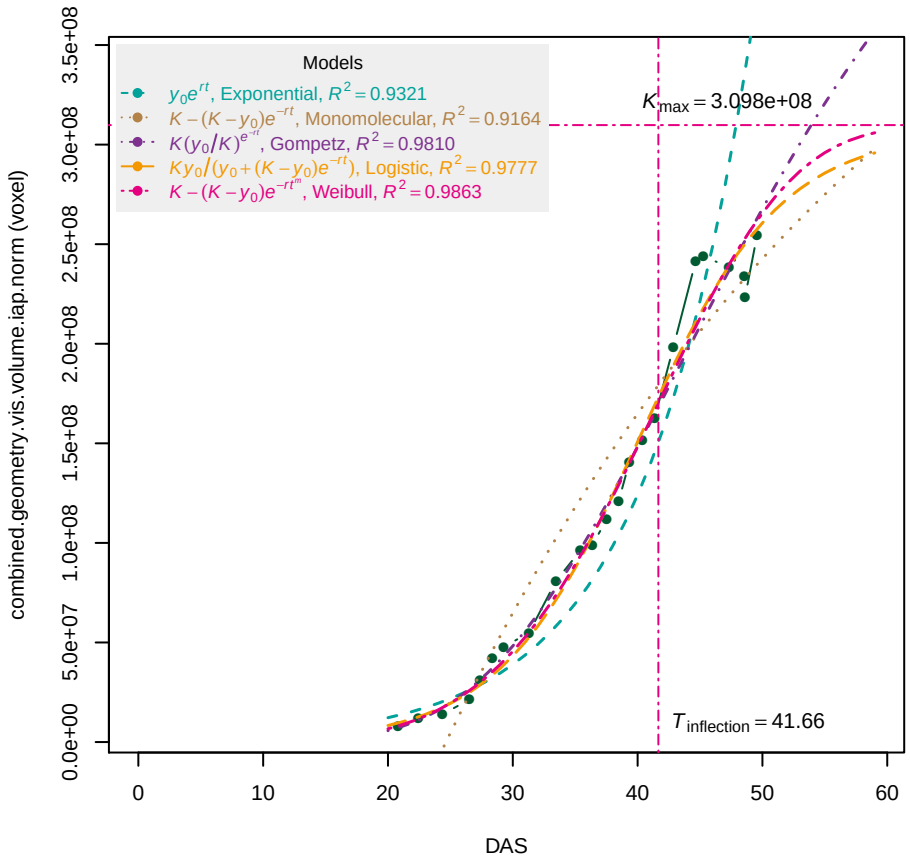
Plant=1116BA1093, treatment=normal



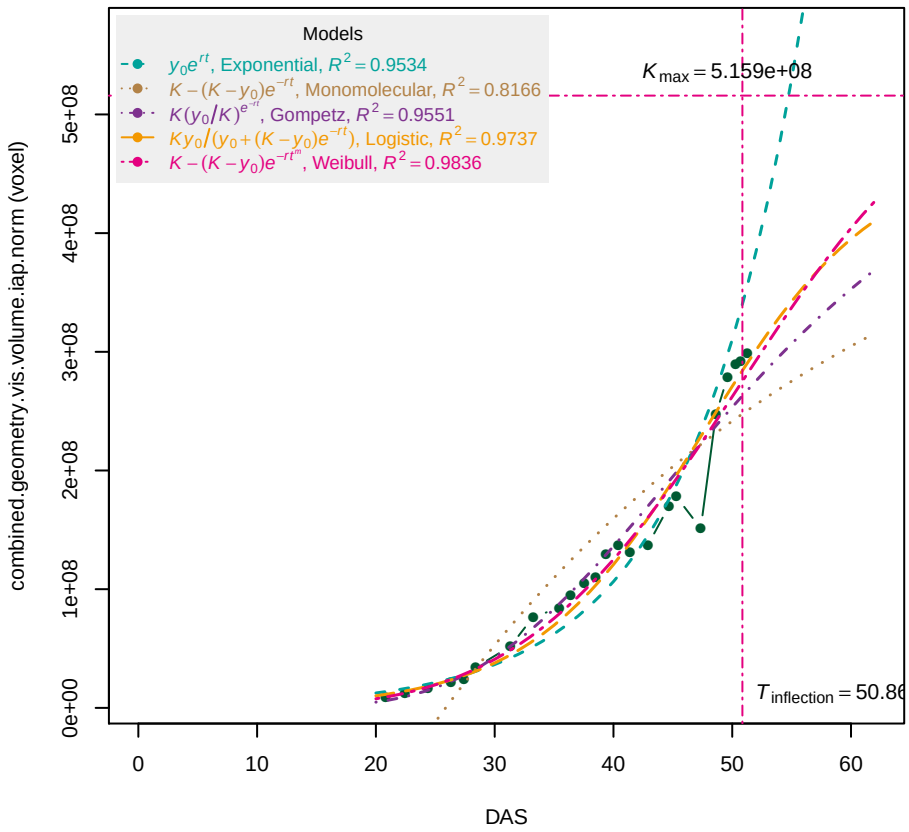
Plant=1116BA1358, treatment=normal



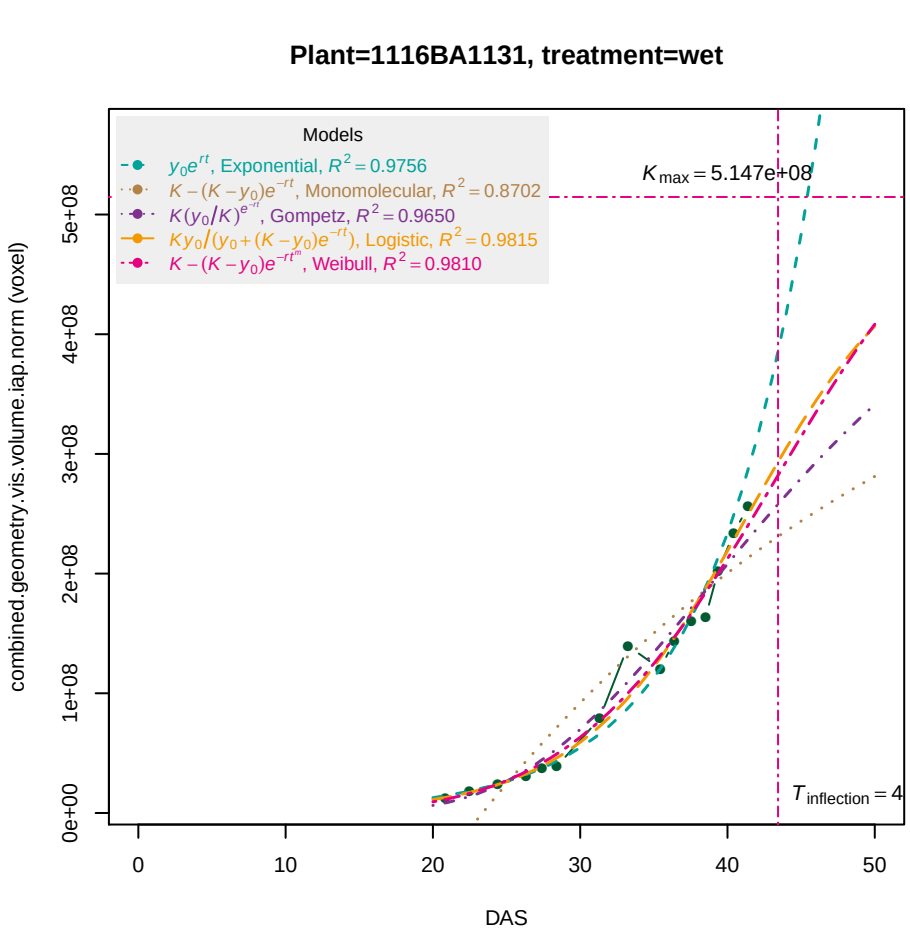
Plant=1116BA1051, treatment=normal

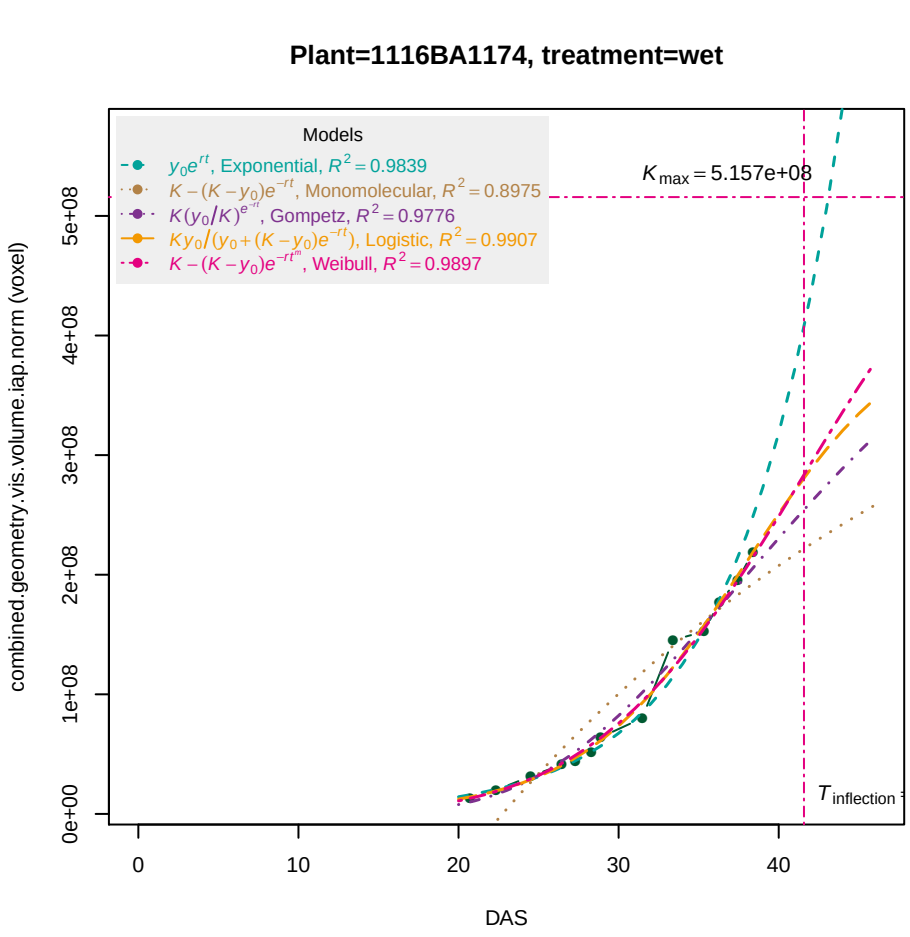


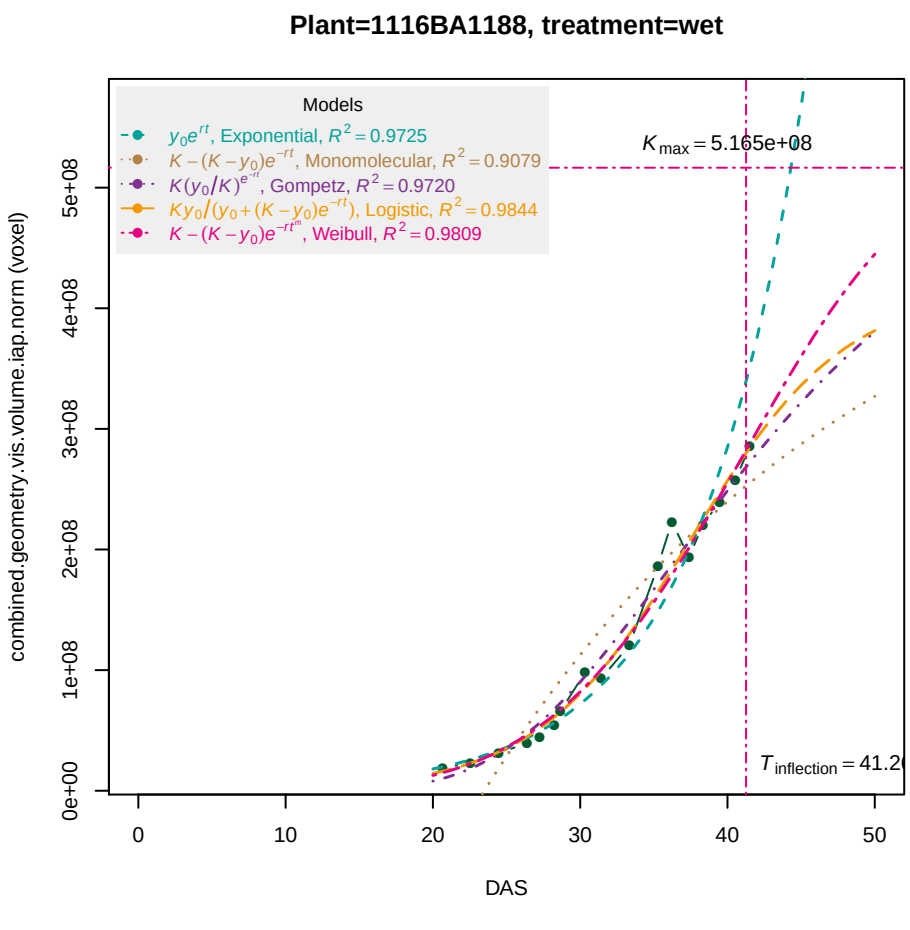
Plant=1116BA1125, treatment=normal

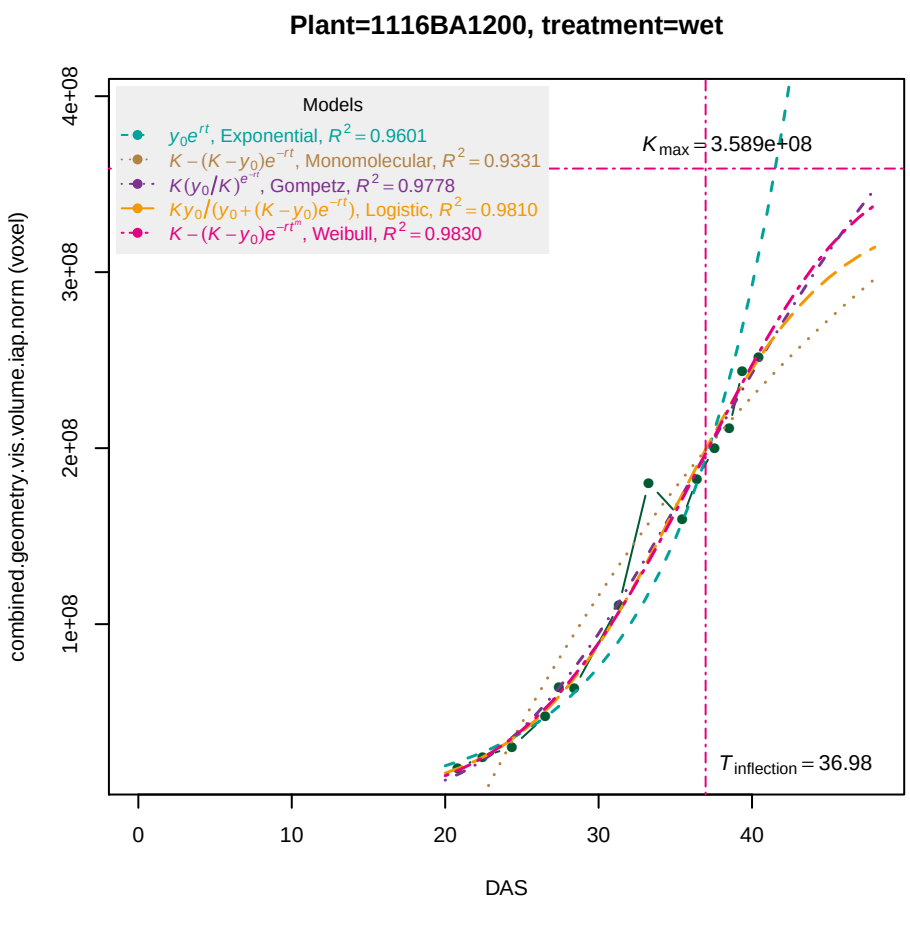


Plant growth modeling
on trait "combined.geometry.vis.volume.iap.norm

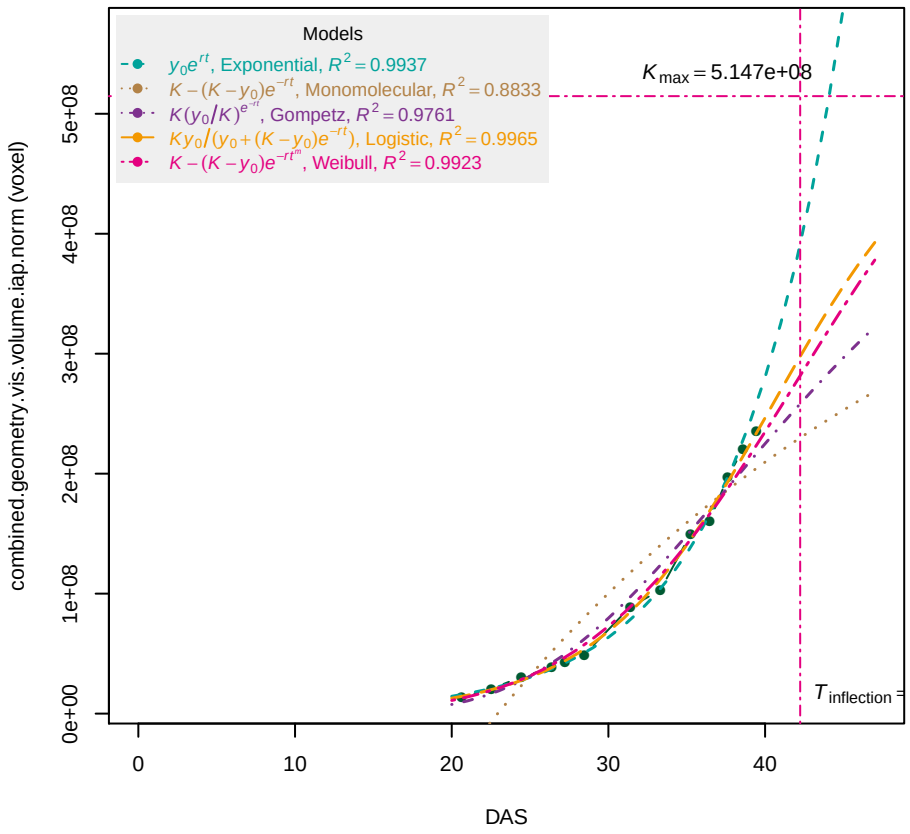

Plant=1116BA1131, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9756$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8702$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9650$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9815$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9810$
$K_{max} = 5.147e+08$
$T_{inflection} = 4$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
DAS


Plant=1116BA1174, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9839$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8975$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9776$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9907$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9897$
$K_{max} = 5.157e+08$
$T_{inflection}$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
DAS

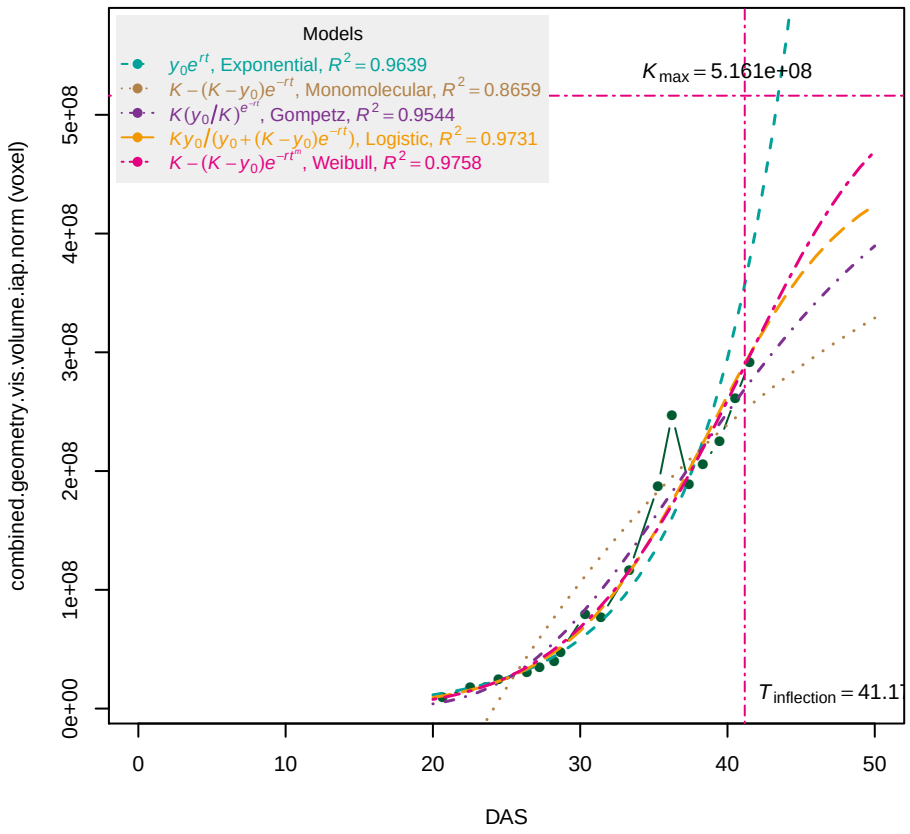

Plant=1116BA1188, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9725$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9079$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9720$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9844$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9809$
$K_{max} = 5.165e+08$
$T_{inflection} = 41.2$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
DAS


Plant=1116BA1200, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9601$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9331$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9778$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9810$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9830$
$K_{max} = 3.589e+08$
$T_{inflection} = 36.98$
combined.geometry.vis.volume.iap.norm (voxel)
1e+08
2e+08
3e+08
4e+08
0
10
20
30
40
DAS

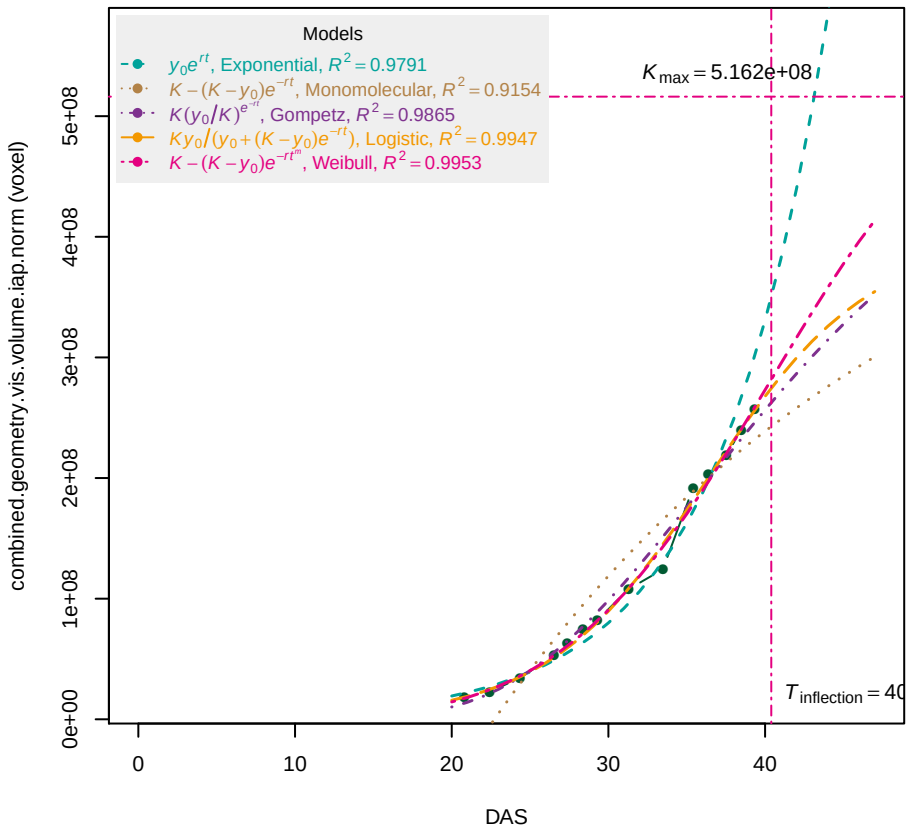
Plant=1116BA1204, treatment=wet



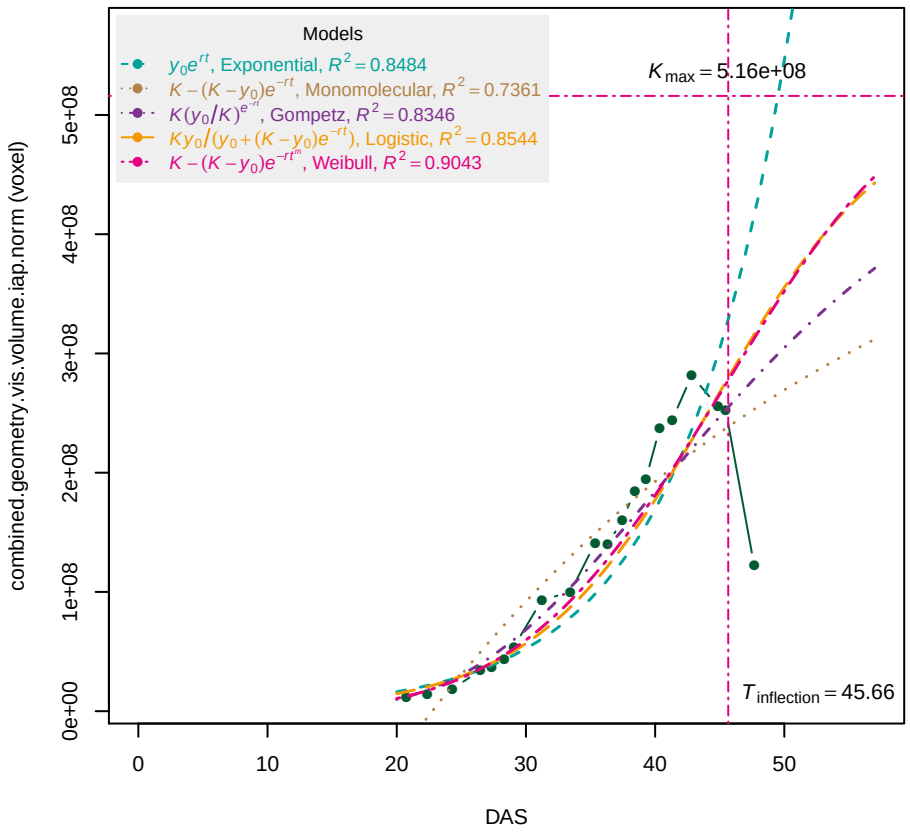
Plant=1116BA1211, treatment=wet

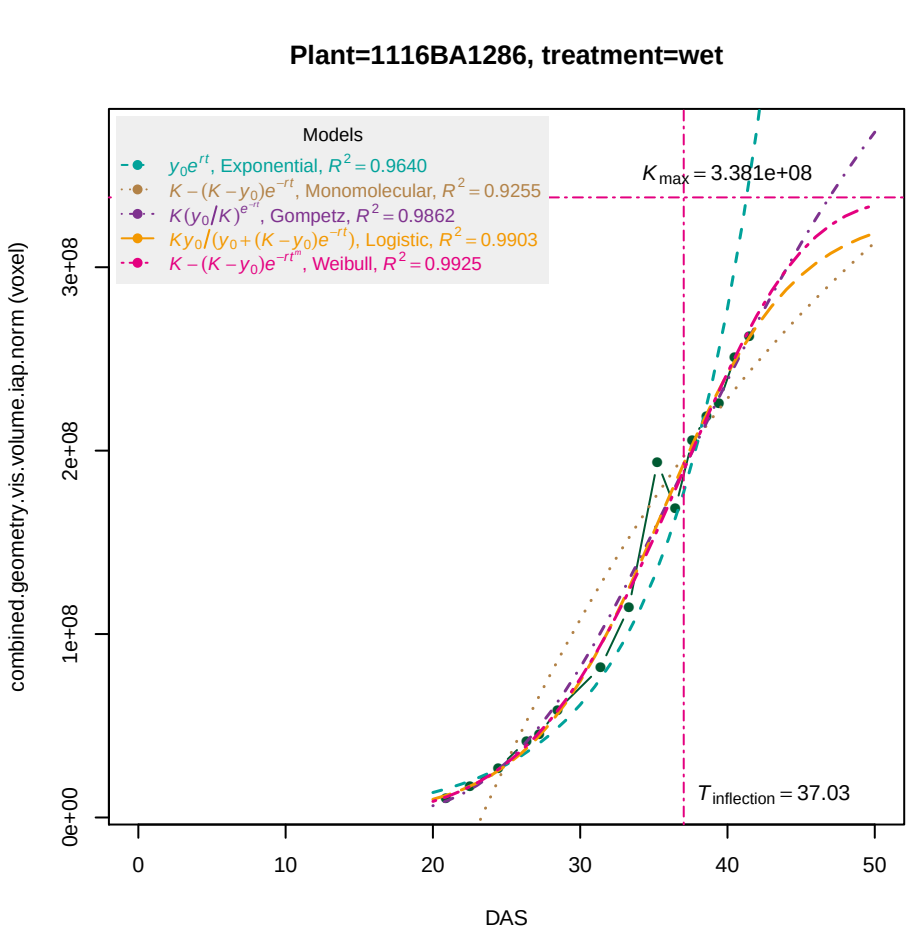


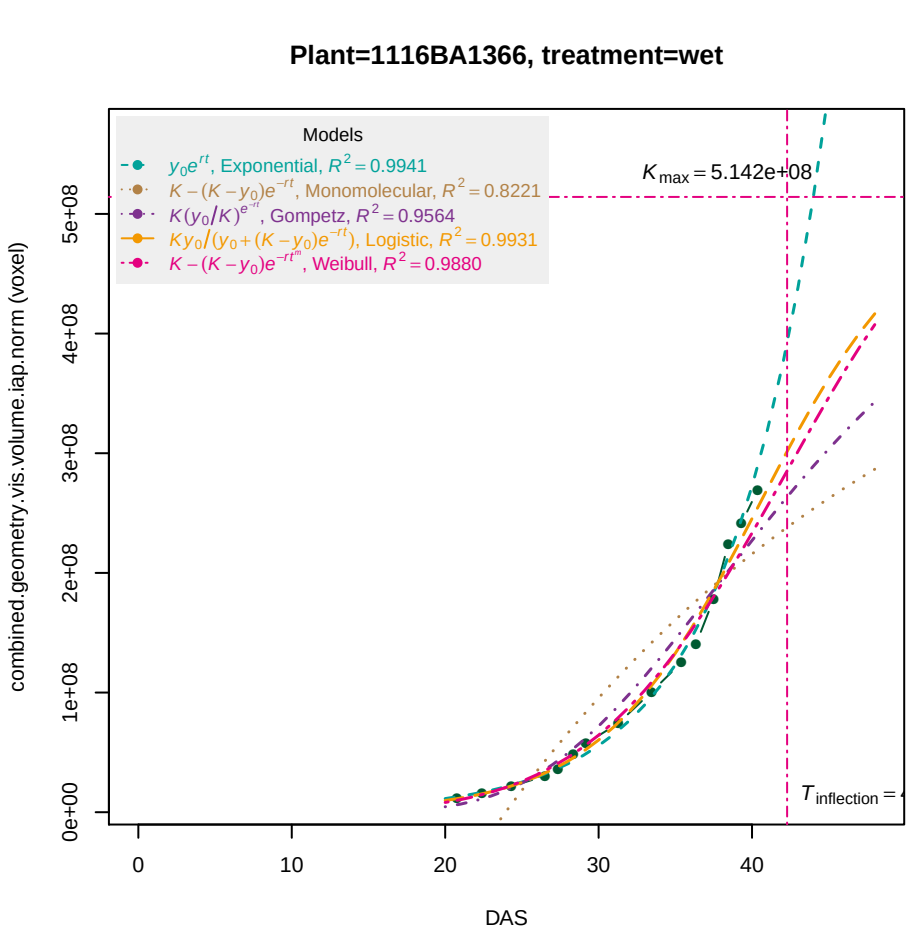
Plant=1116BA1223, treatment=wet

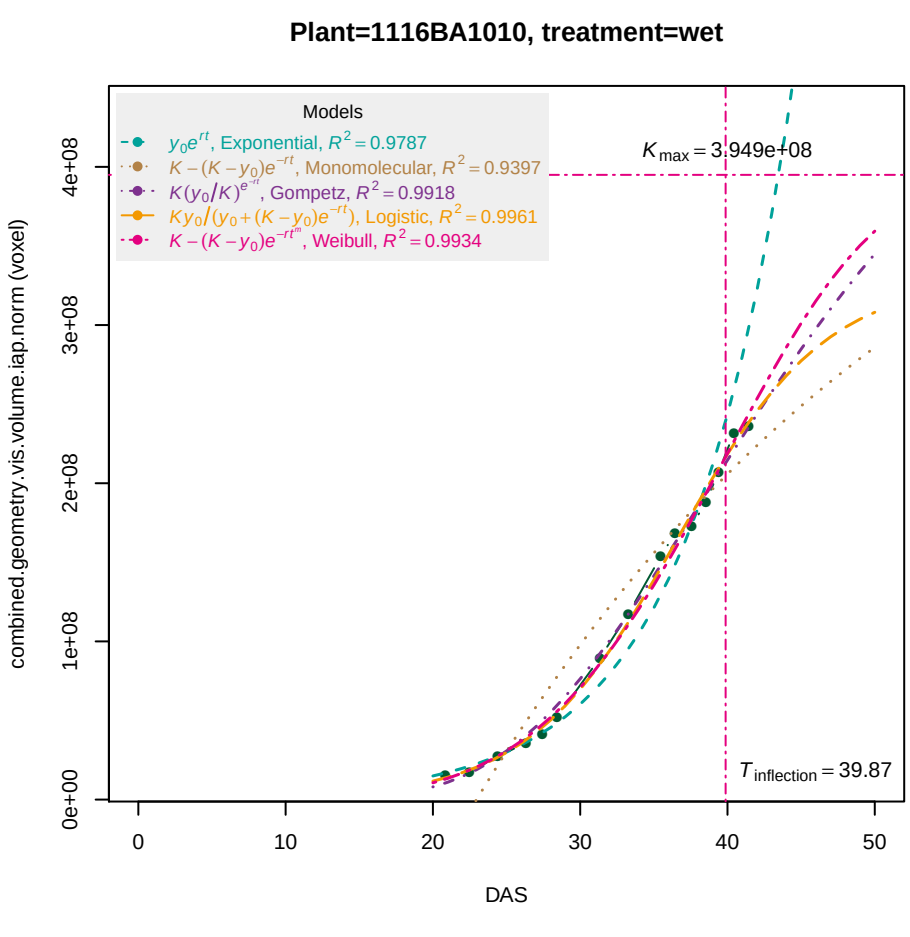


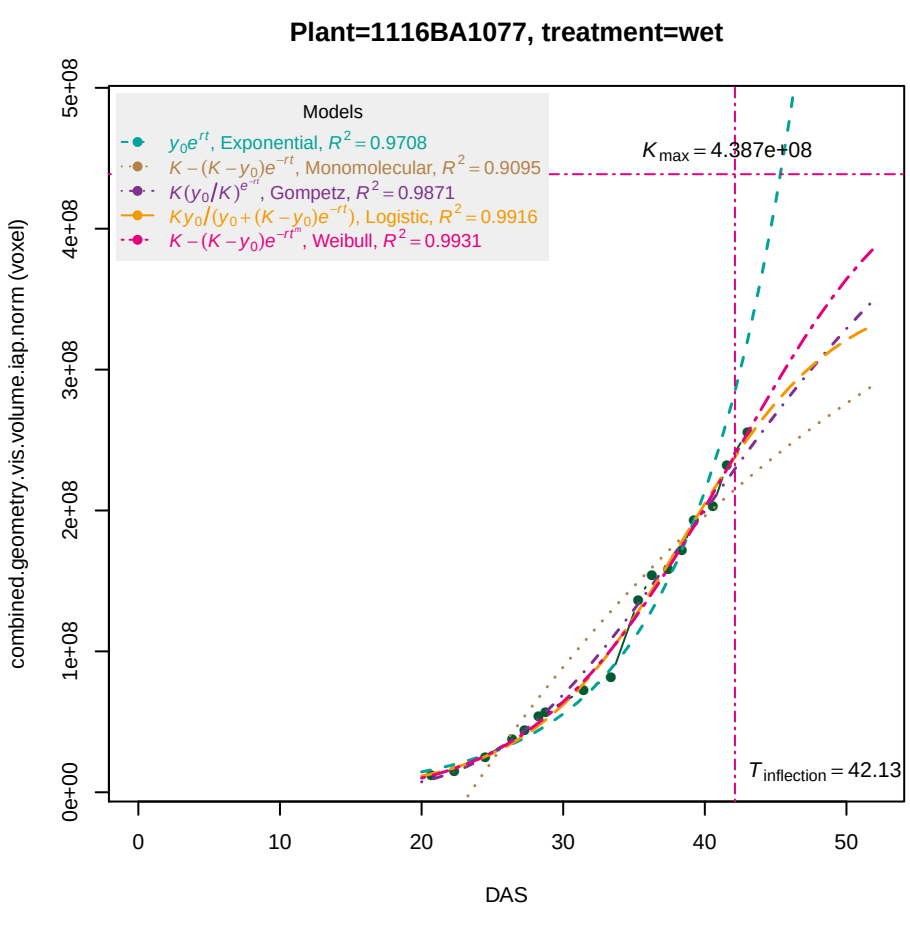
Plant=1116BA1285, treatment=wet

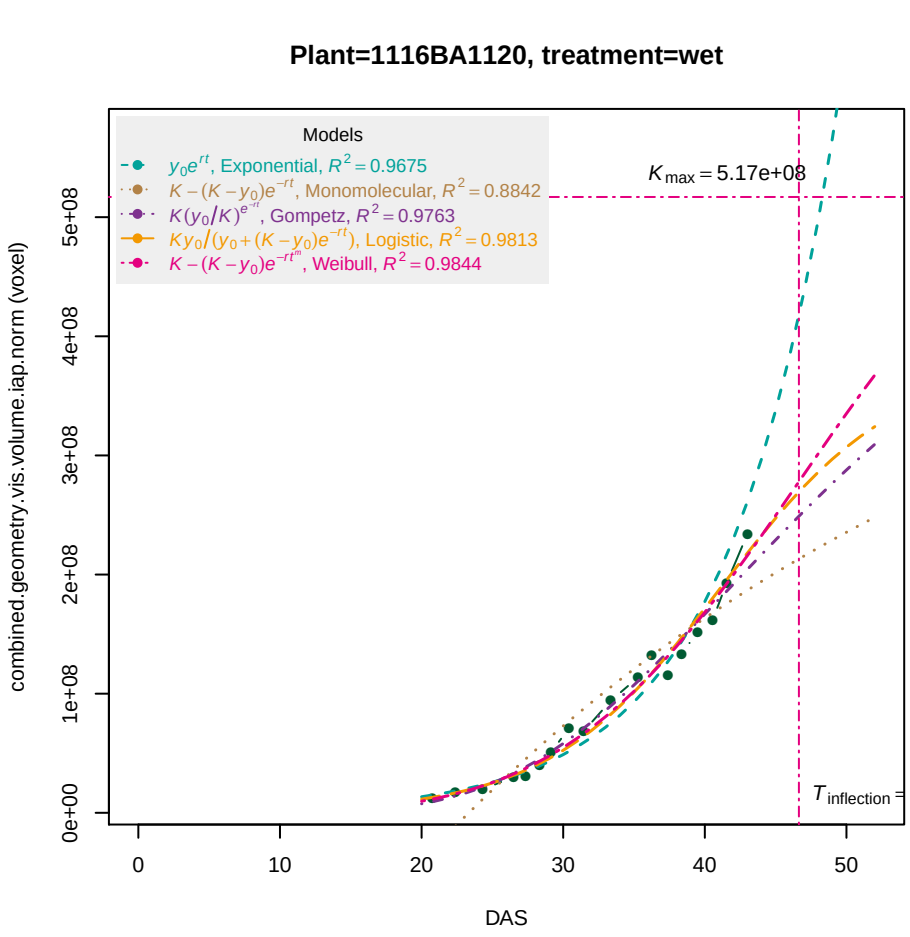


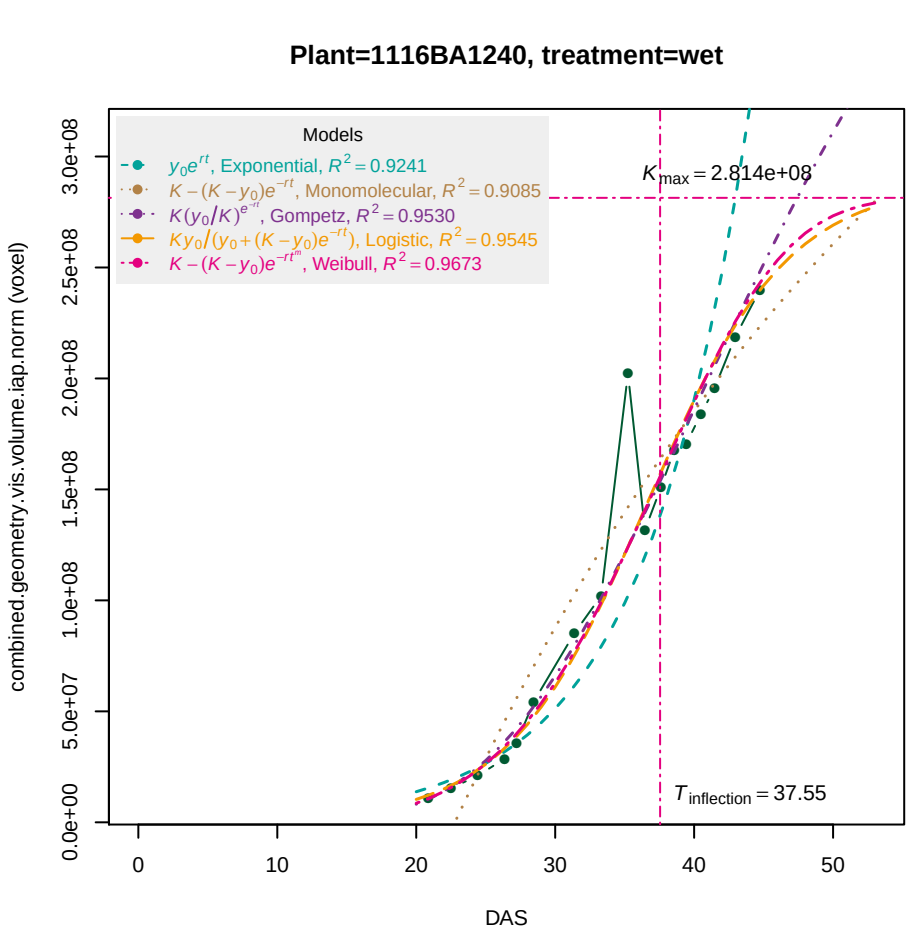

Plant=1116BA1286, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9640$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9255$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9862$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9903$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9925$
$K_{max} = 3.381e+08$
$T_{inflection} = 37.03$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
0
10
20
30
40
50
DAS

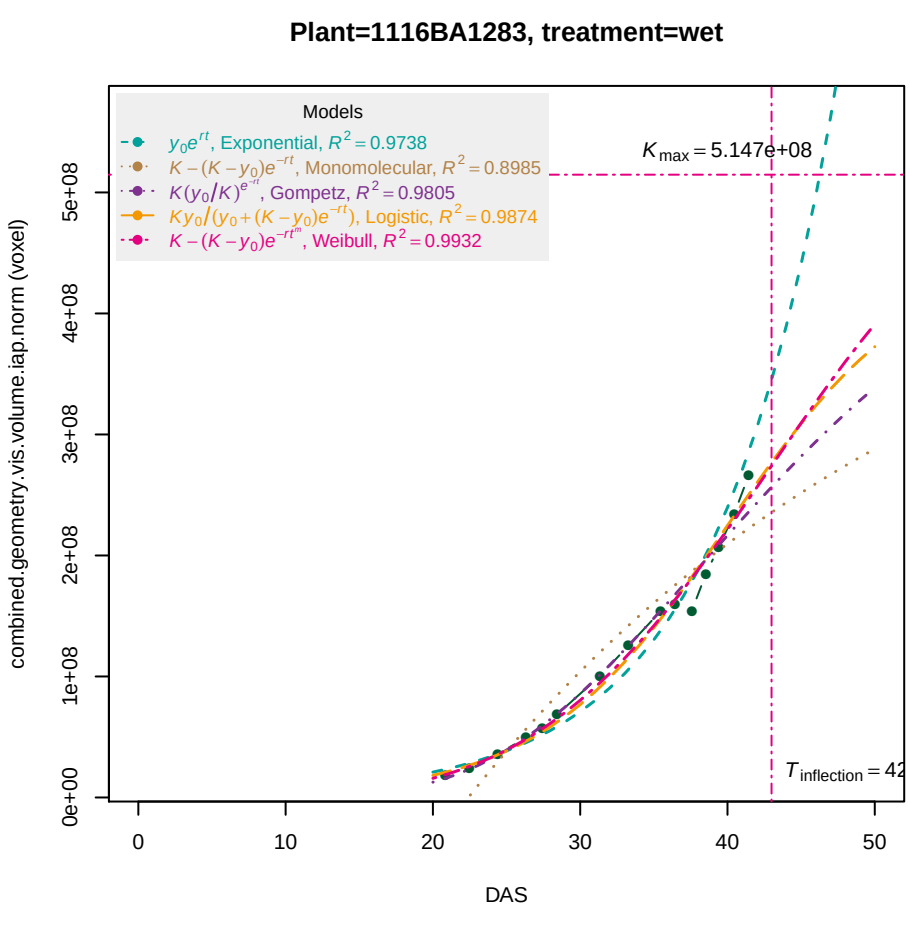

Plant=1116BA1366, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9941$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8221$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9564$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9931$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9880$
$K_{max} = 5.142e+08$
$T_{inflection} =$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
DAS

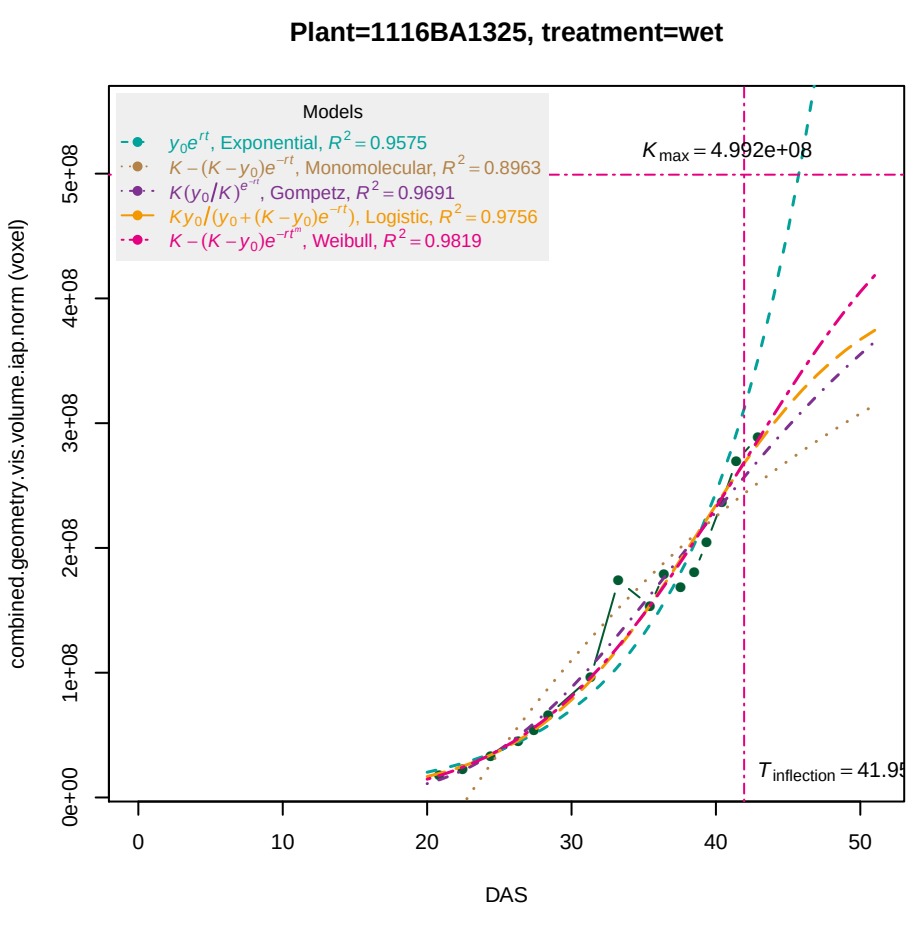

Plant=1116BA1010, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9787$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9397$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9918$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9961$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9934$
$K_{max} = 3.949e+08$
$T_{inflection} = 39.87$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
0
10
20
30
40
50
DAS

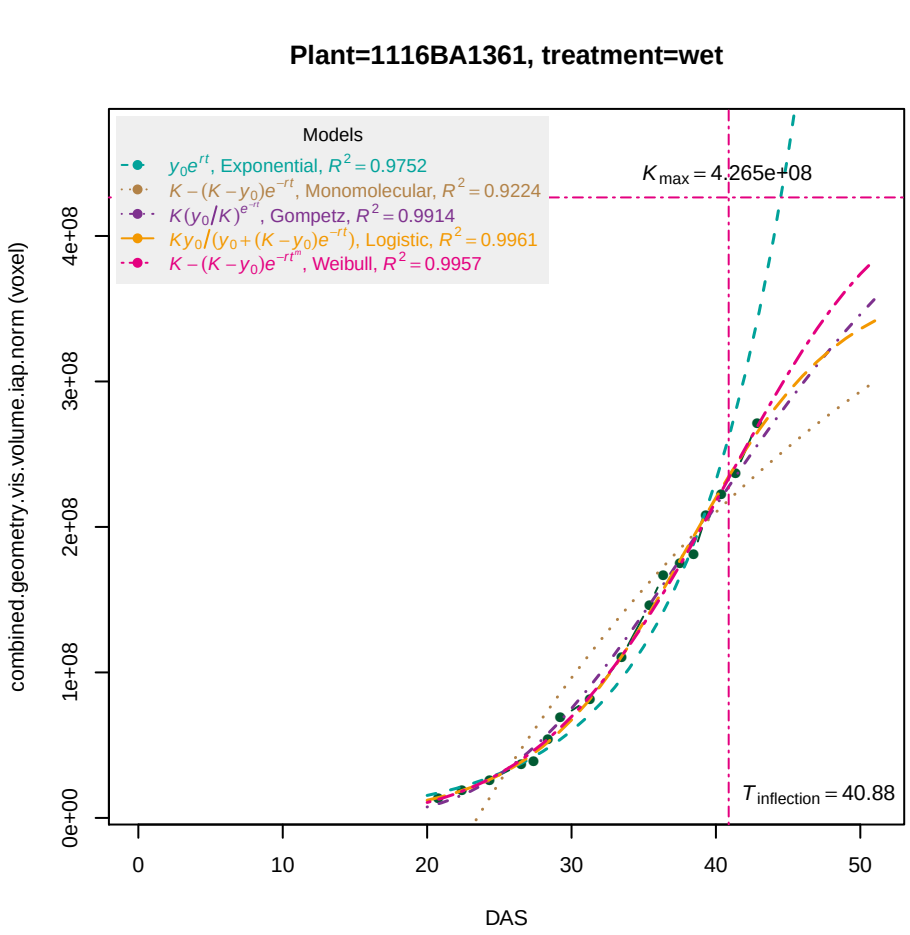

Plant=1116BA1077, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9708$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9095$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9871$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9916$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9931$
$K_{max} = 4.387e+08$
$T_{inflection} = 42.13$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
DAS

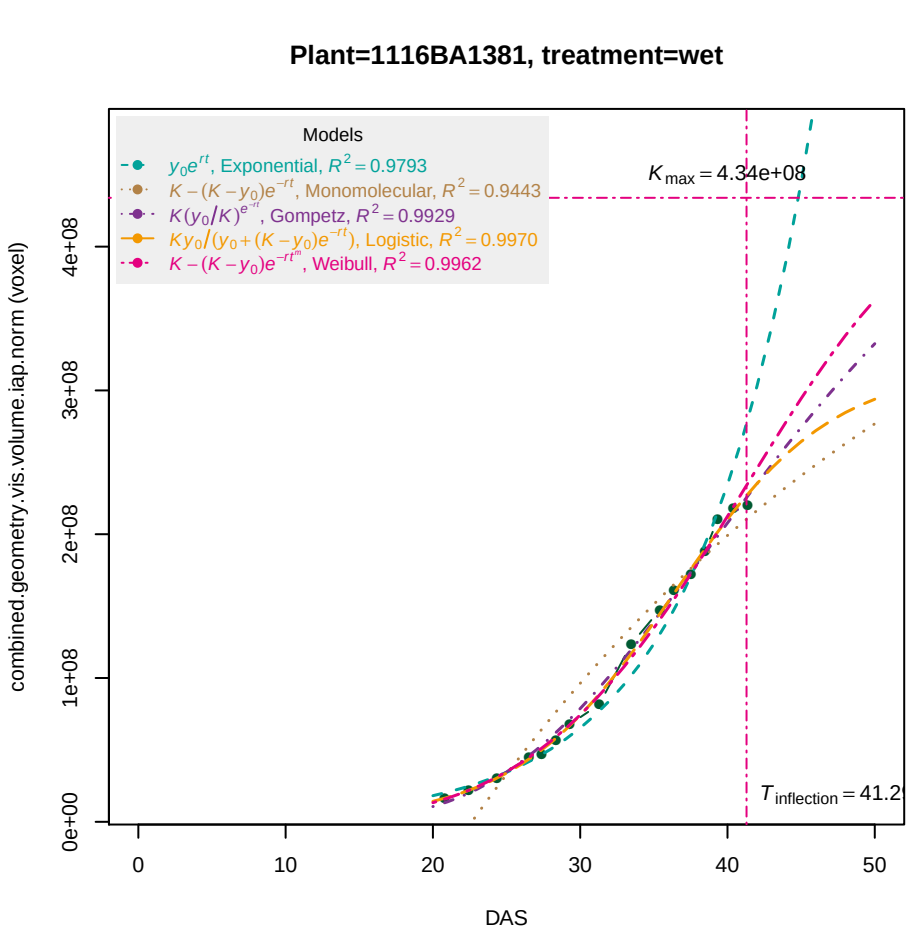

Plant=1116BA1120, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9675$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8842$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9763$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9813$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9844$
$K_{max} = 5.17e+08$
$T_{inflection}$ =
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
DAS

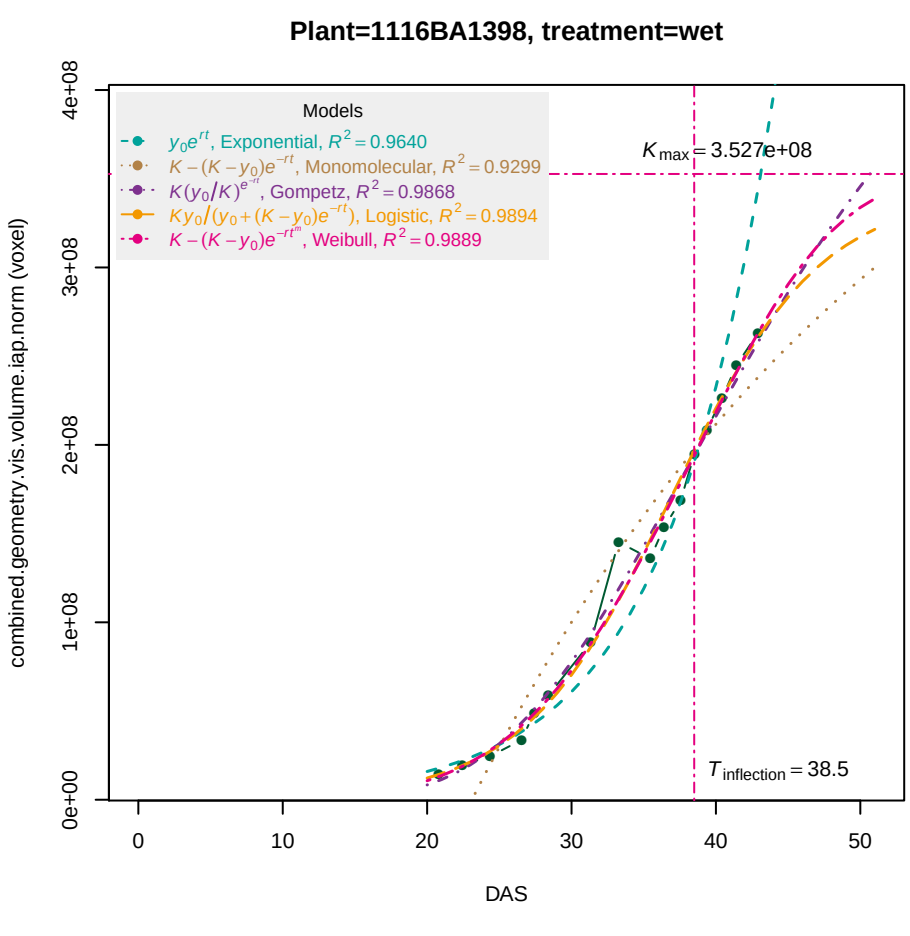

Plant=1116BA1240, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9241$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9085$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9530$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9545$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9673$
$K_{max} = 2.814e+08$
$T_{inflection} = 37.55$
combined.geometry.vis.volume.iap.norm (voxel)
0.0e+00
5.0e+07
1.0e+08
1.5e+08
2.0e+08
2.5e+08
3.0e+08
0
10
20
30
40
50
DAS

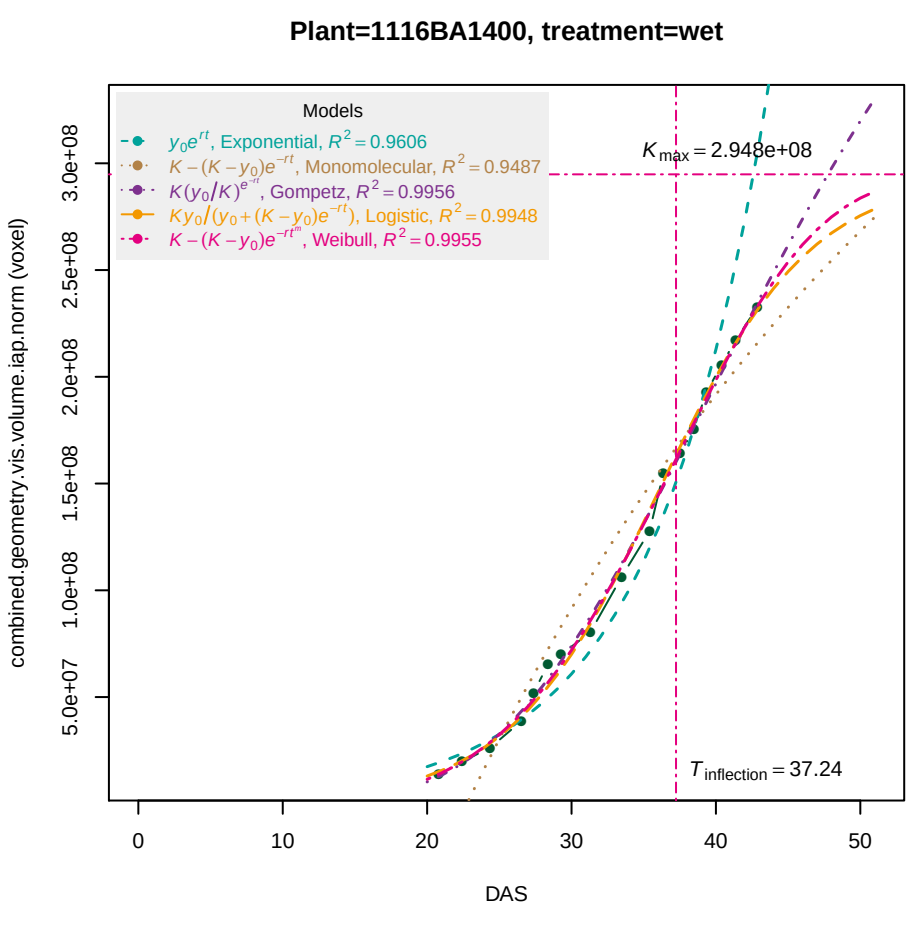

Plant=1116BA1283, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9738$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8985$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9805$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9874$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9932$
$K_{max} = 5.147e+08$
$T_{inflection}$ = 42
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
DAS

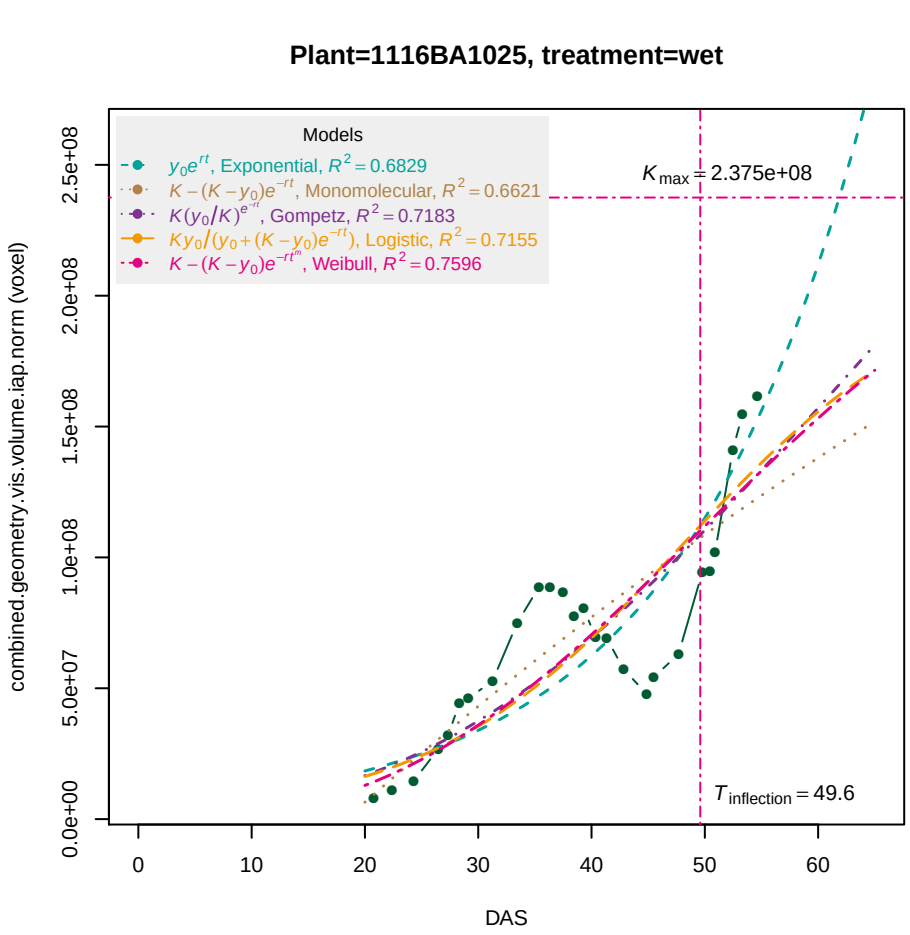

Plant=1116BA1325, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9575$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8963$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9691$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9756$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9819$
$K_{max} = 4.992e+08$
$T_{inflection}$ = 41.9
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
DAS

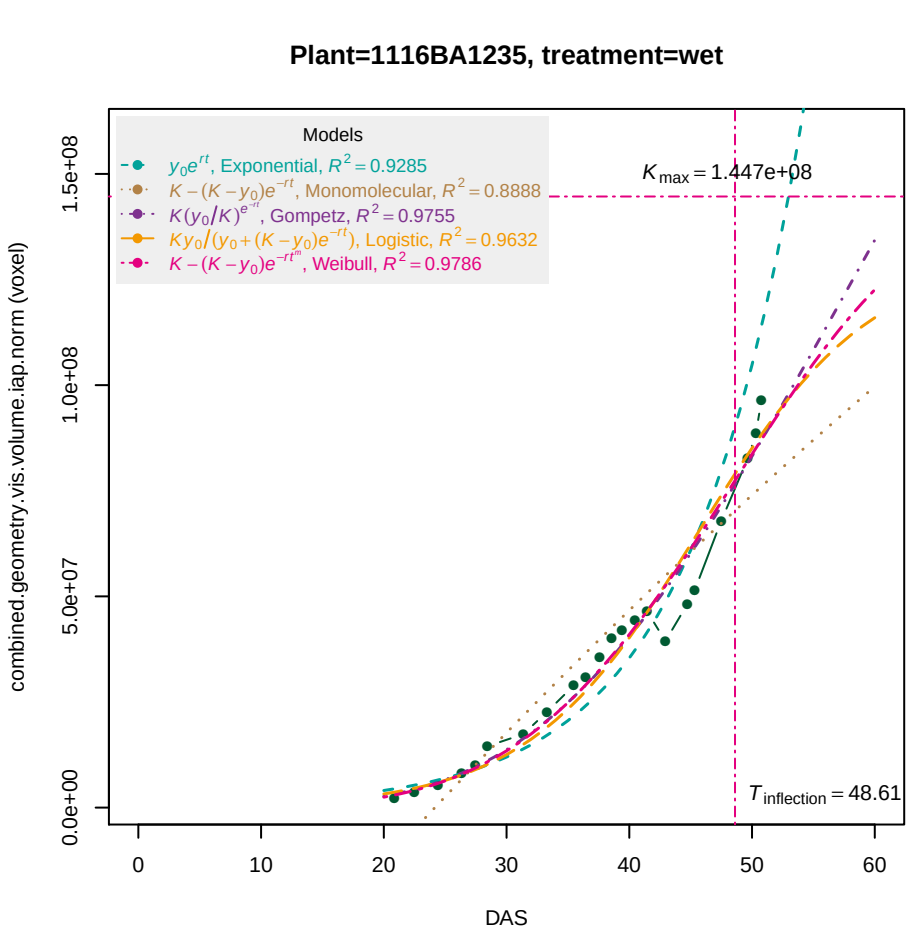

Plant=1116BA1361, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9752$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9224$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9914$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9961$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9957$
$K_{max} = 4.265e+08$
$T_{inflection} = 40.88$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

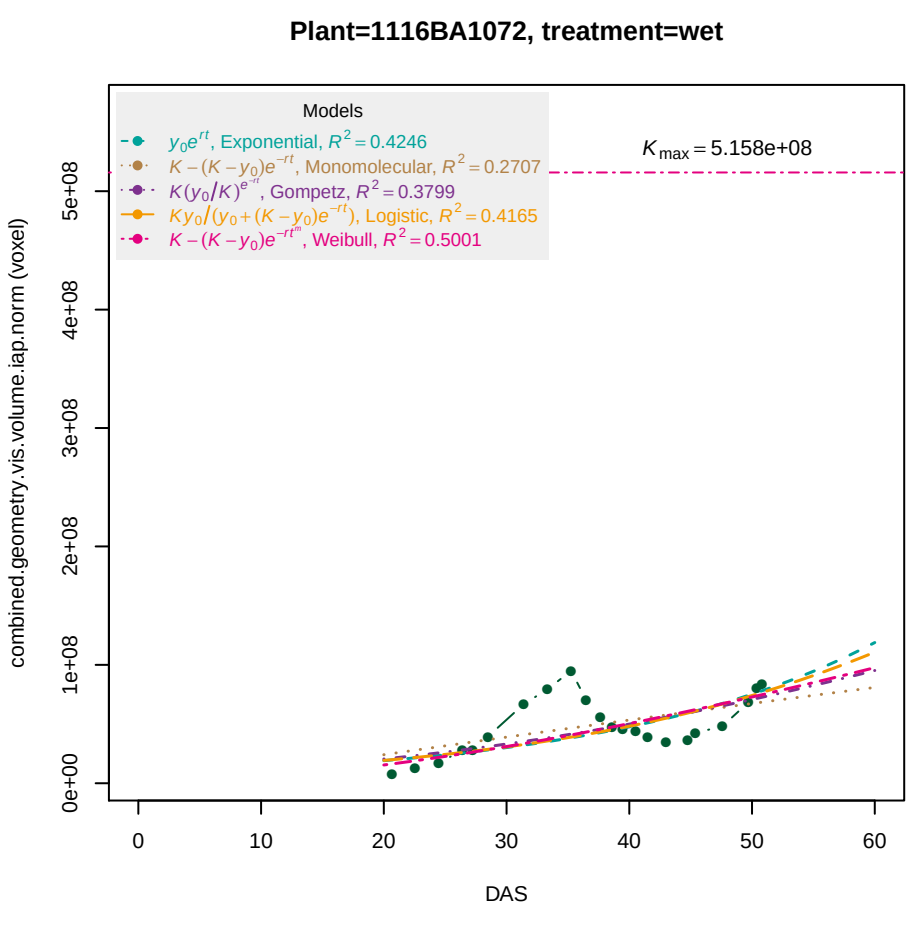

Plant=1116BA1381, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9793$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9443$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9929$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9970$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9962$
$K_{max} = 4.34e+08$
$T_{inflection} = 41.2$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

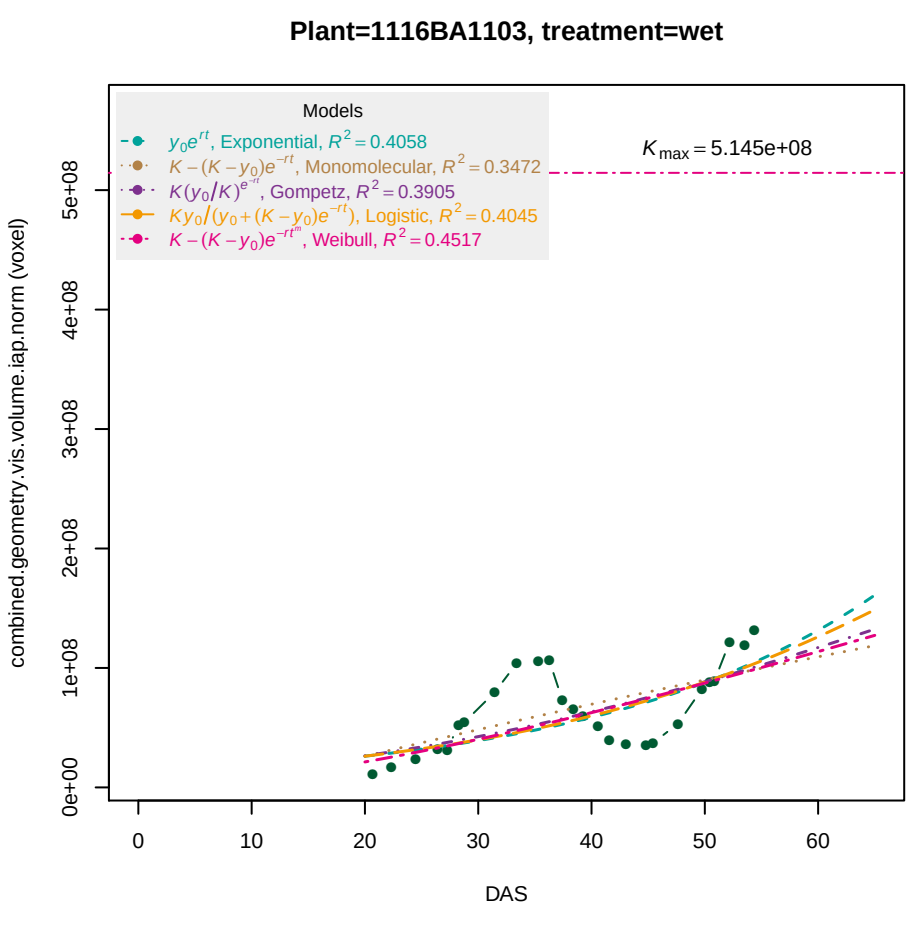

Plant=1116BA1398, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9640$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9299$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9868$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9894$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9889$
$K_{max} = 3.527e+08$
$T_{inflection} = 38.5$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

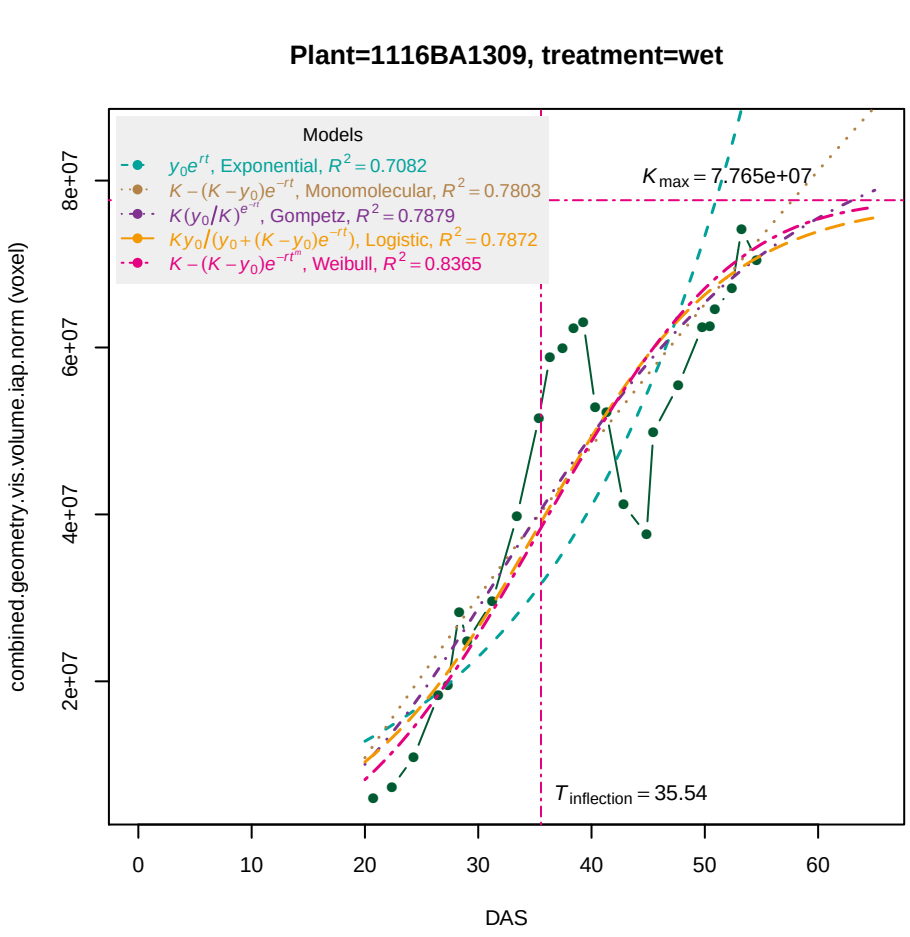

Plant=1116BA1400, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9606$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9487$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9956$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9948$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9955$
$K_{max} = 2.948e+08$
$T_{inflection} = 37.24$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

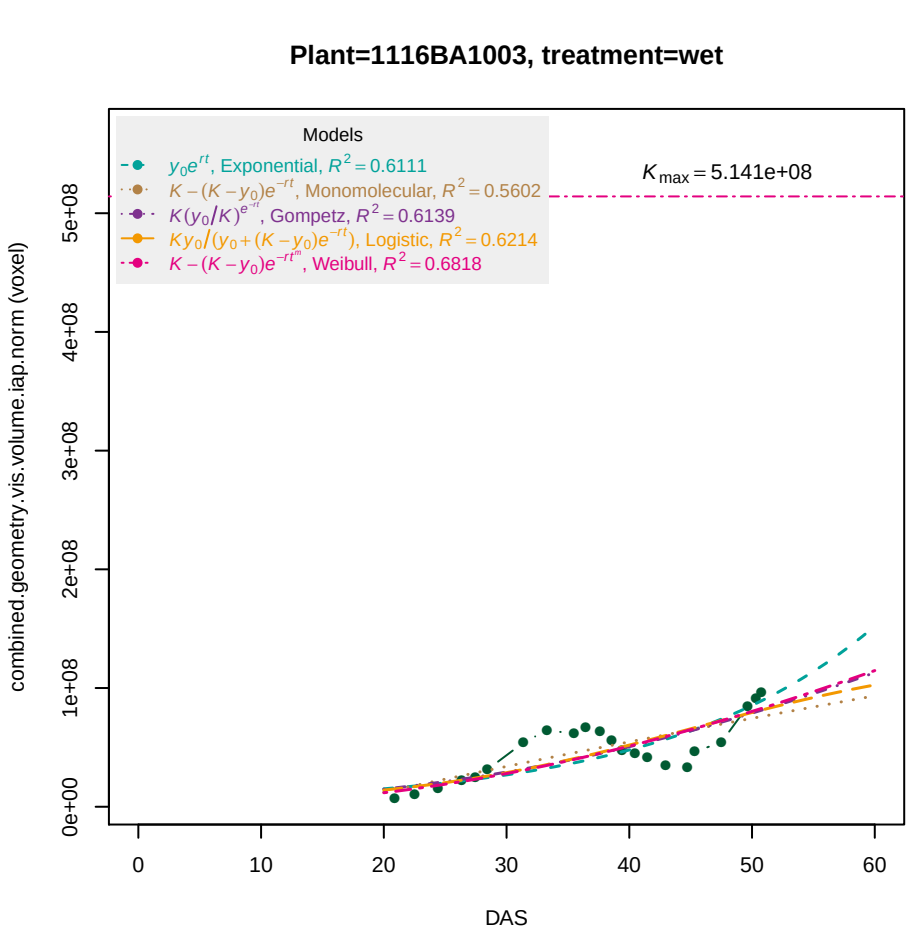

Plant=1116BA1025, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.6829$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.6621$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.7183$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.7155$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.7596$
$K_{max} = 2.375e+08$
$T_{inflection} = 49.6$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

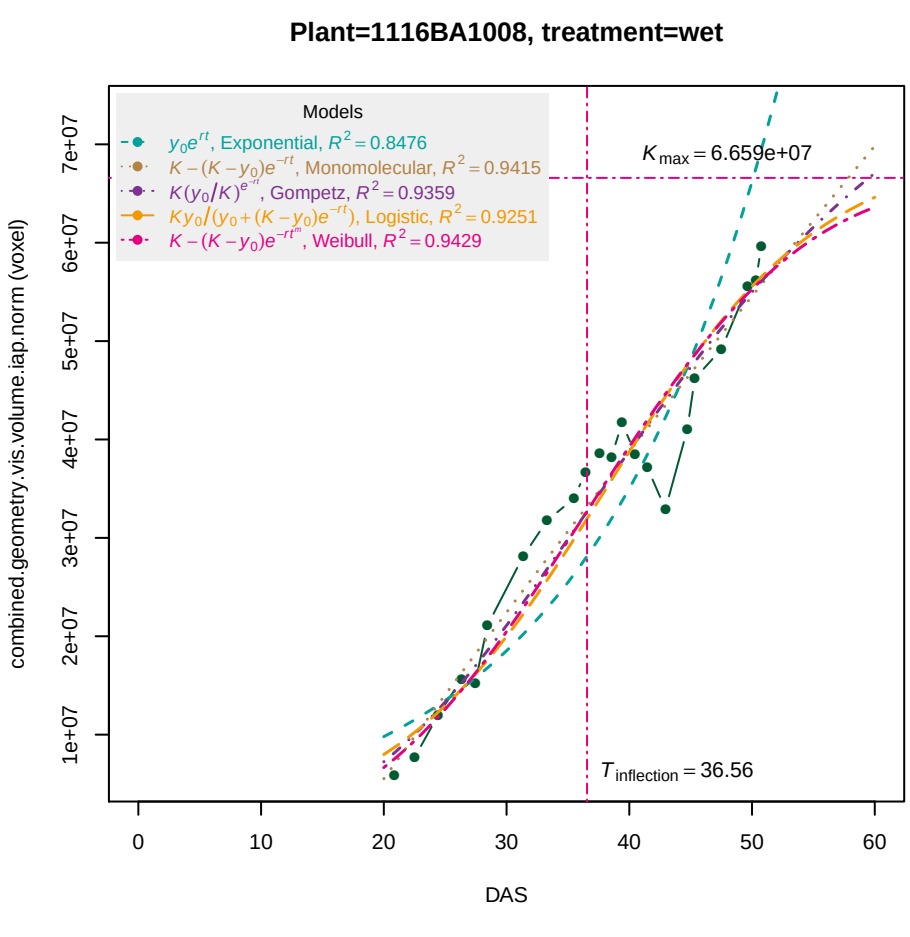

Plant=1116BA1235, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9285$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8888$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9755$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9632$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9786$
$K_{max} = 1.447e+08$
$T_{inflection} = 48.61$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

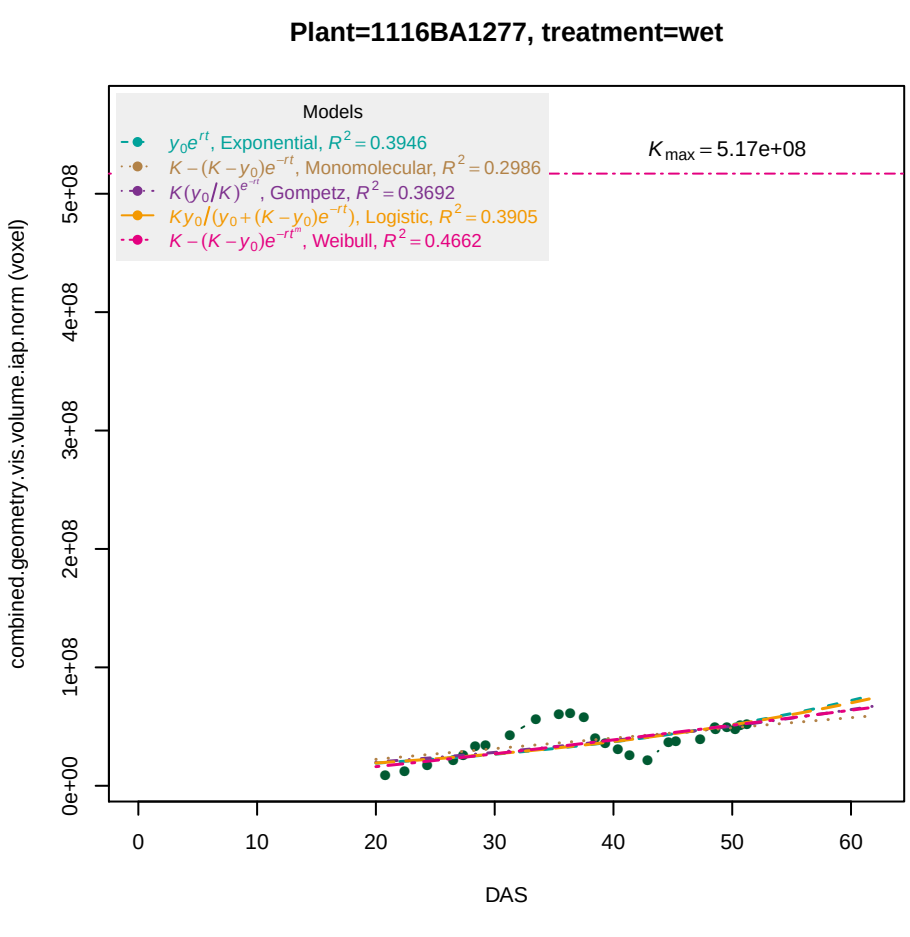

Plant=1116BA1072, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.4246$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.2707$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.3799$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.4165$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.5001$
$K_{max} = 5.158e+08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1103, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.4058$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.3472$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.3905$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.4045$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.4517$
$K_{max} = 5.145e+08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

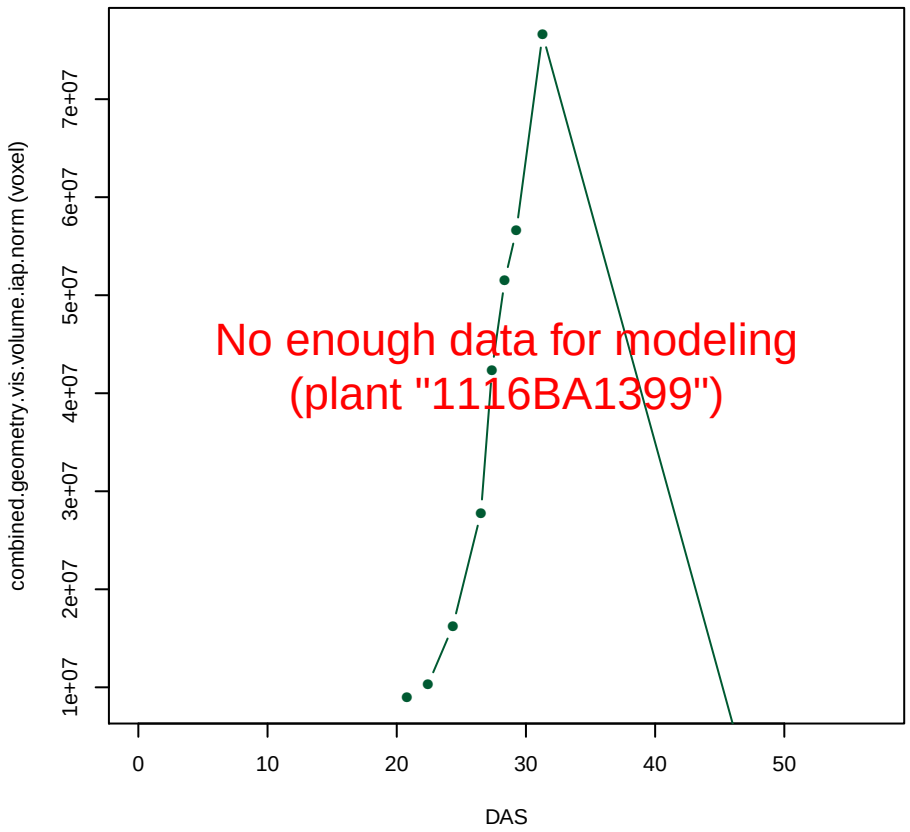

Plant=1116BA1309, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.7082$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.7803$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.7879$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.7872$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.8365$
$K_{max} = 7.765e+07$
$T_{inflection} = 35.54$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1003, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.6111$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.5602$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.6139$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.6214$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.6818$
$K_{max} = 5.141e+08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

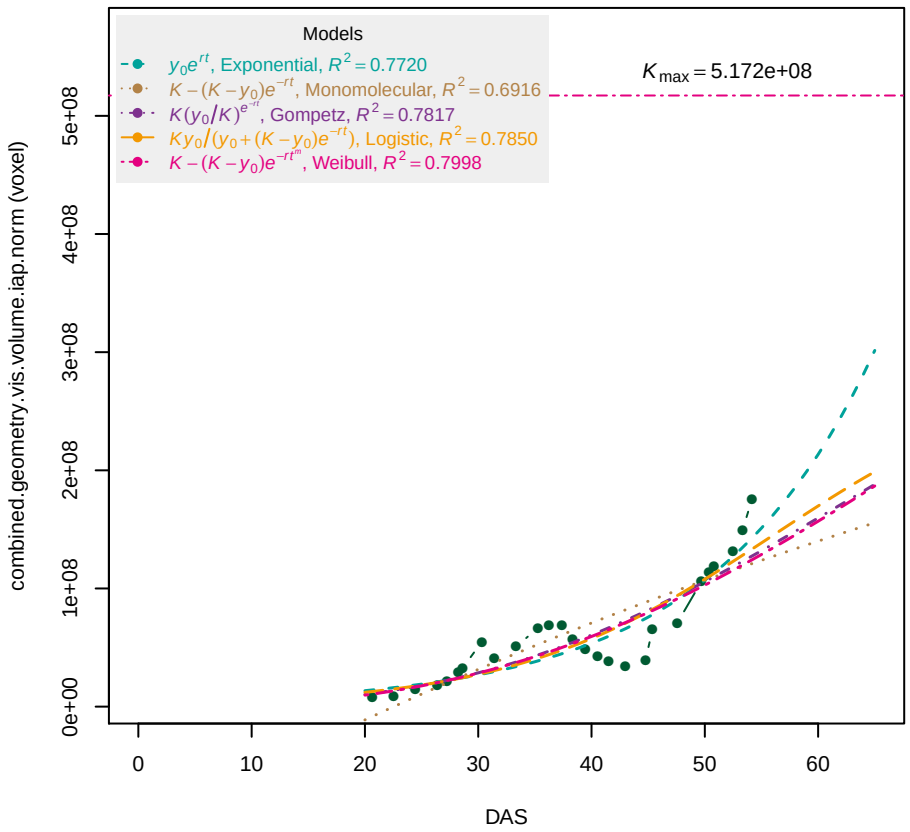

Plant=1116BA1008, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.8476$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9415$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9359$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9251$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9429$
$K_{max} = 6.659e+07$
$T_{inflection} = 36.56$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1277, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.3946$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.2986$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.3692$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.3905$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.4662$
$K_{max} = 5.17e+08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

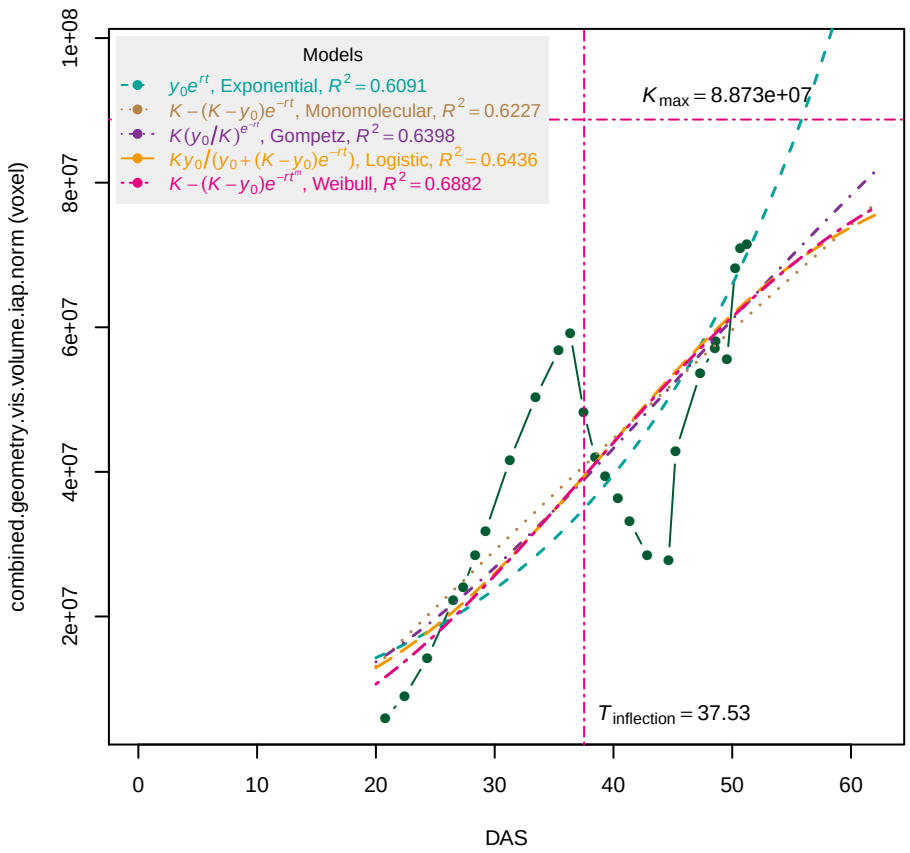
Plant=1116BA1399, treatment=wet



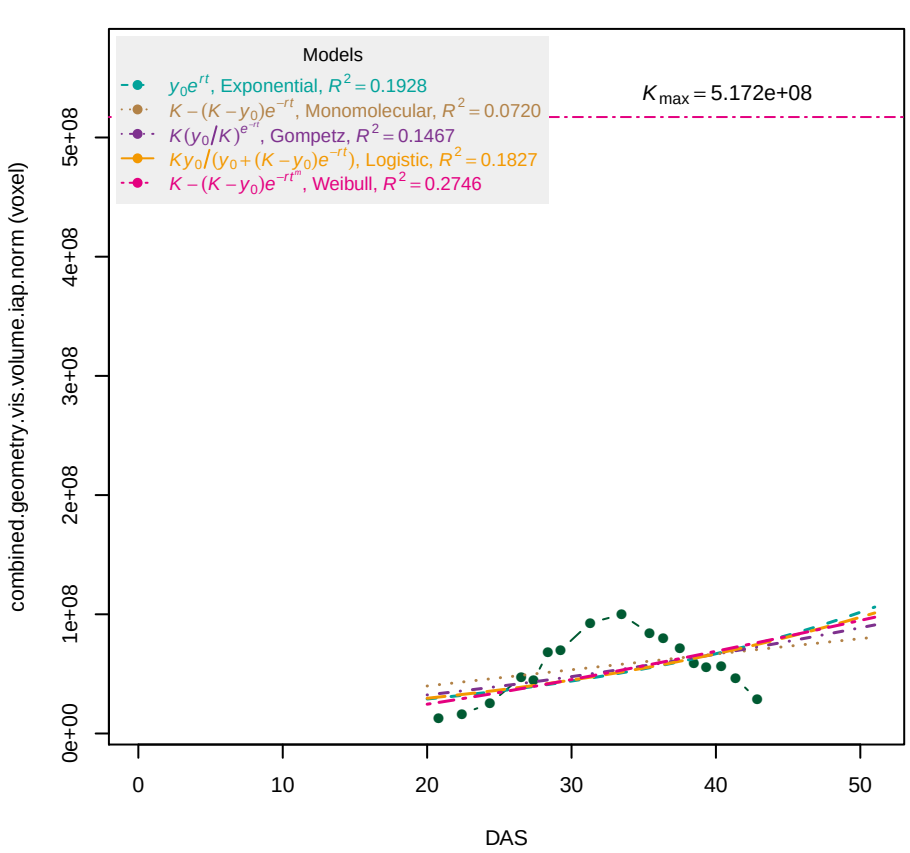
Plant=1116BA1247, treatment=wet



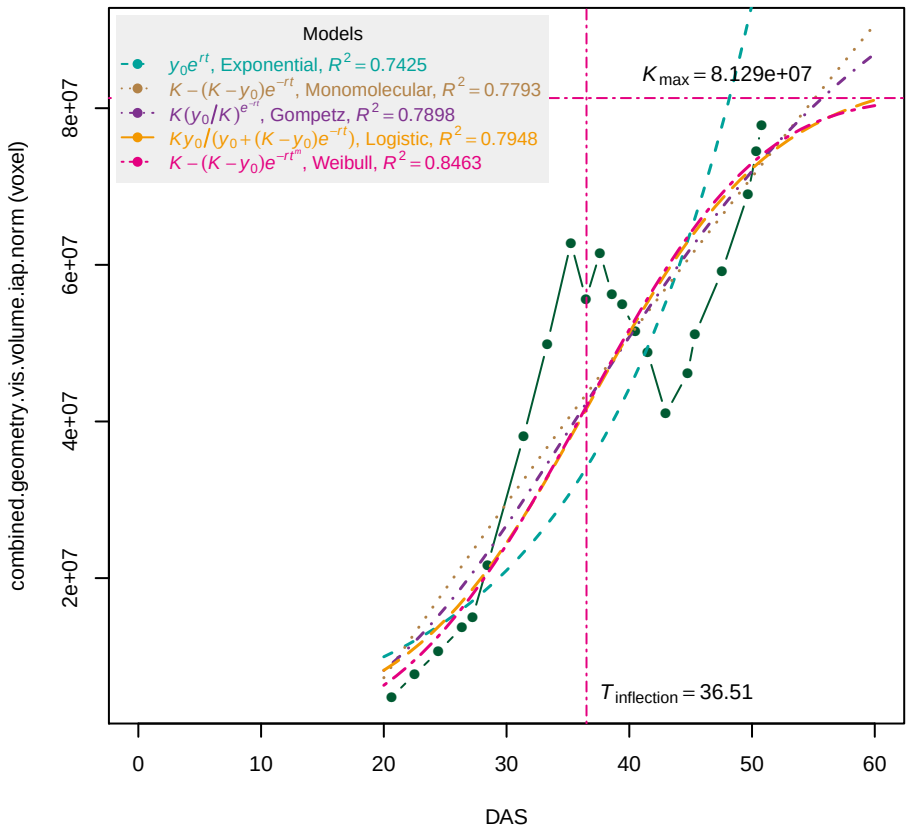
Plant=1116BA1364, treatment=wet



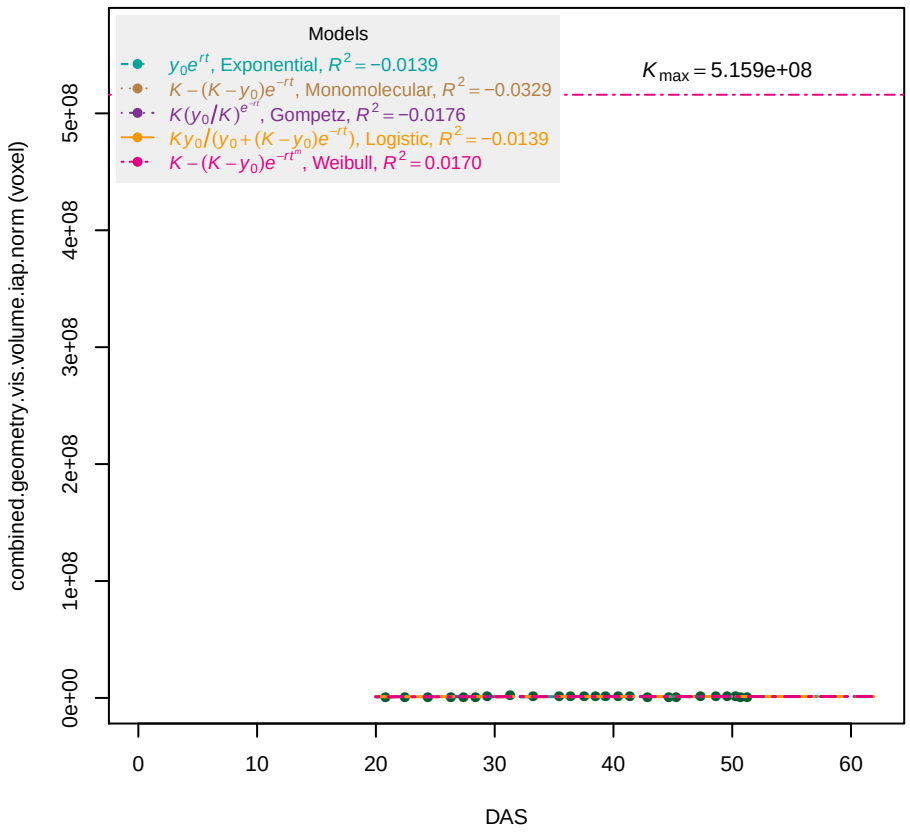
Plant=1116BA1405, treatment=wet



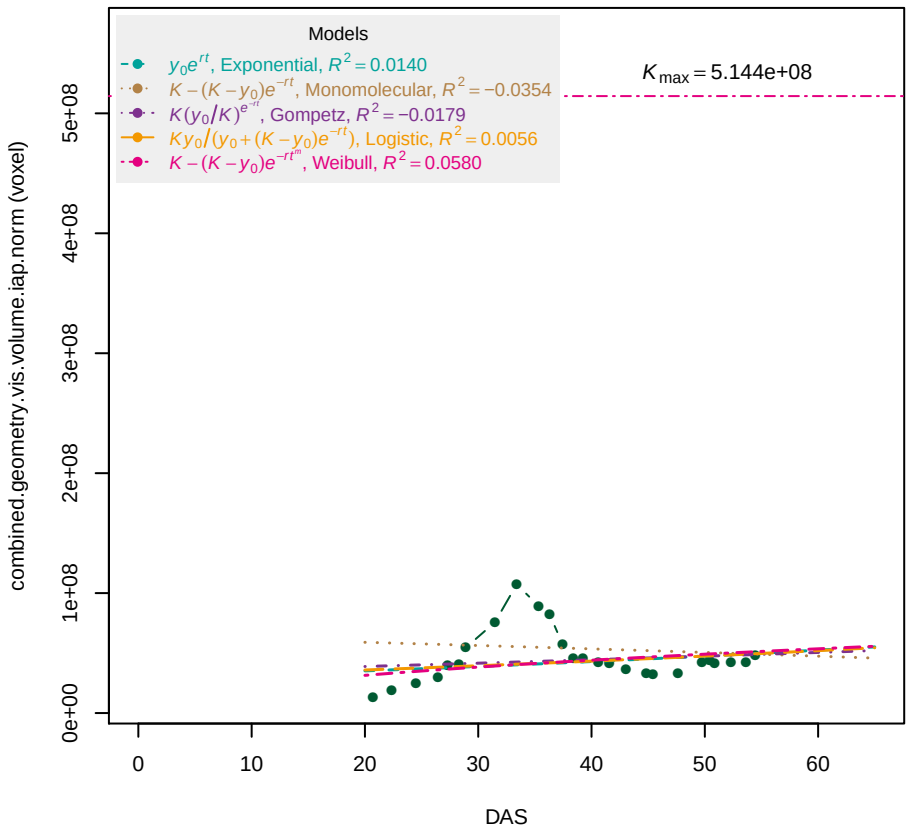
Plant=1116BA1129, treatment=wet



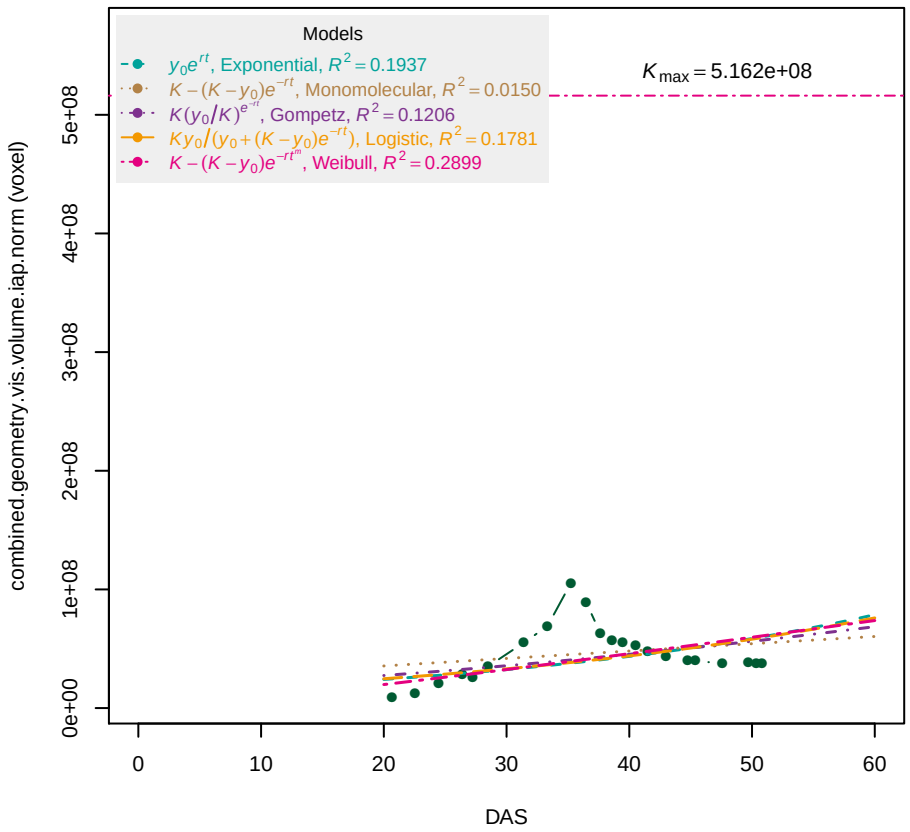
Plant=1116BA1196, treatment=wet

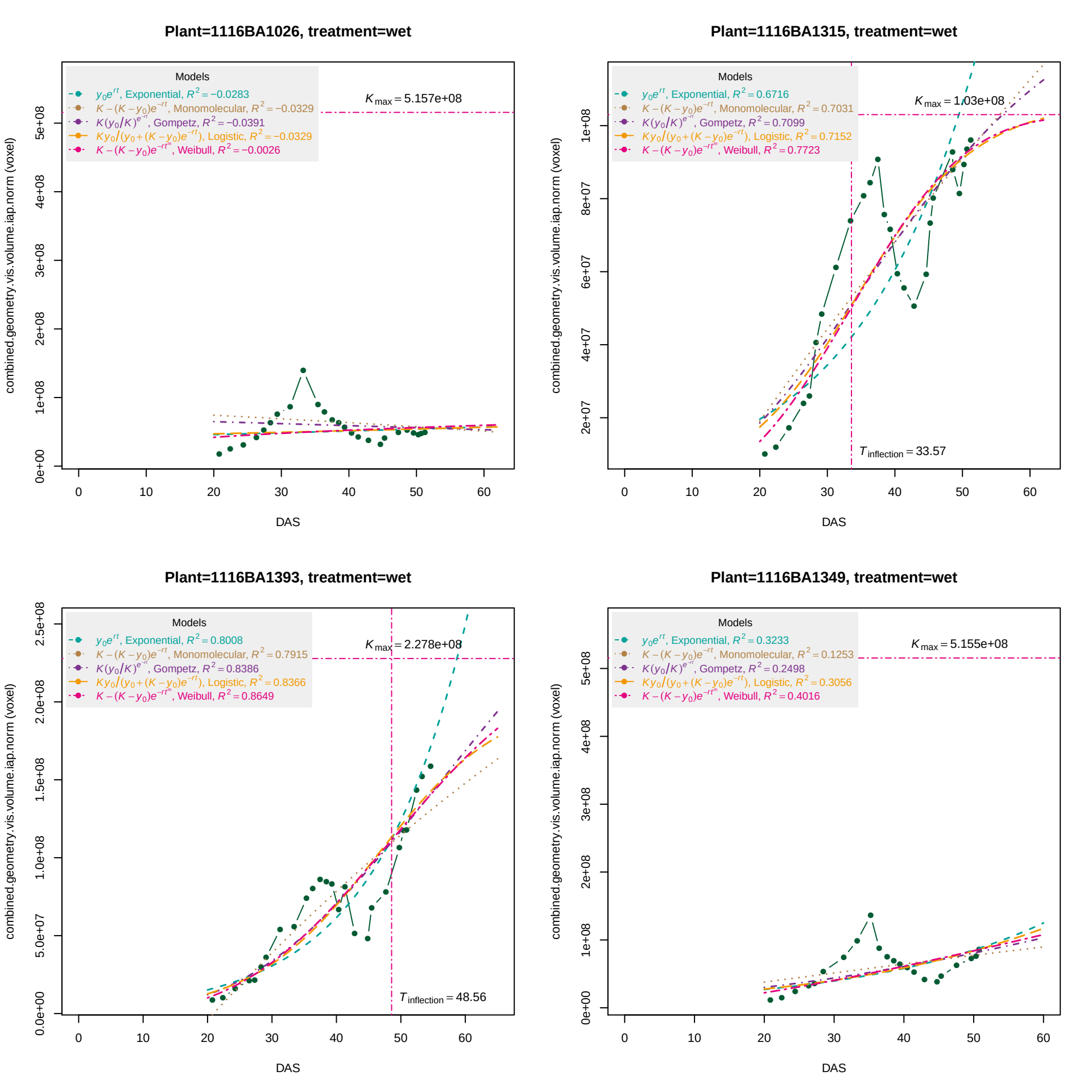


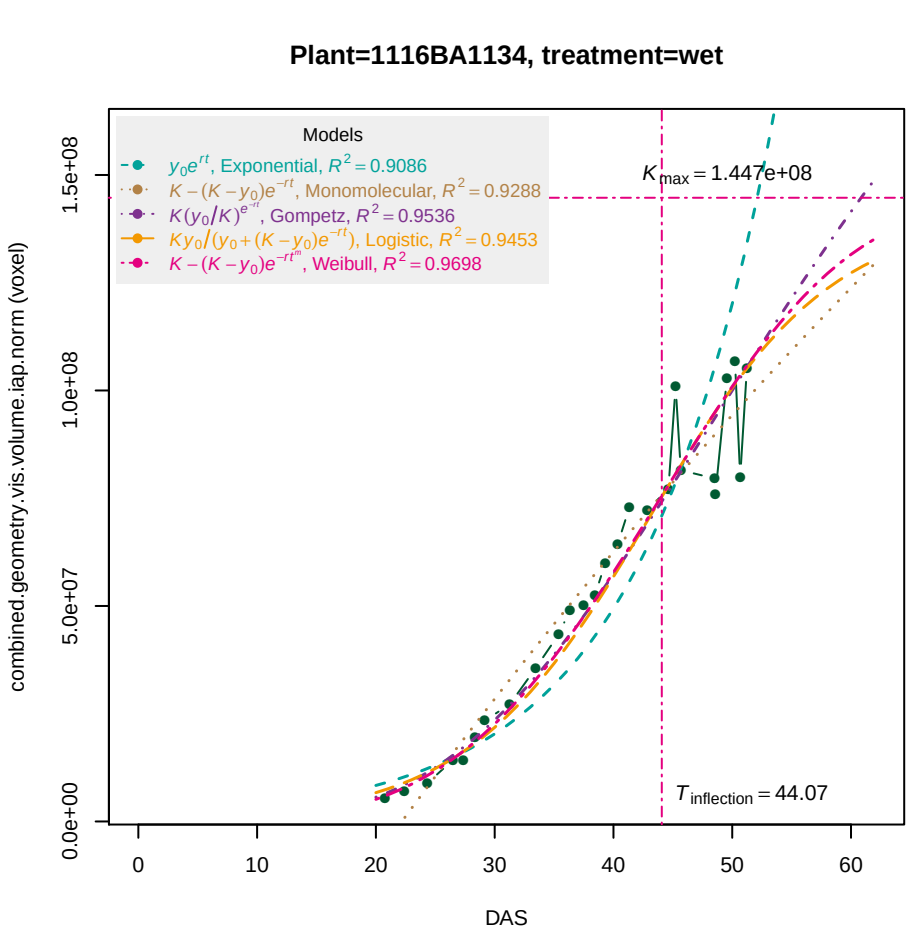
Plant=1116BA1044, treatment=wet

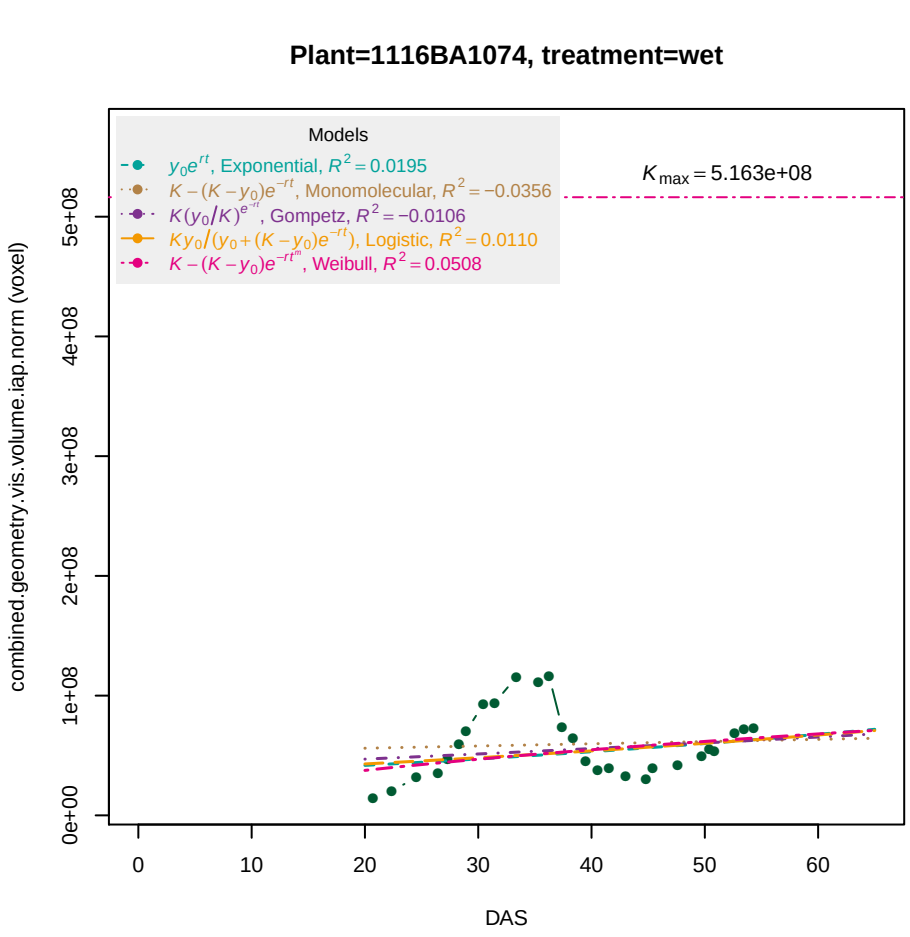


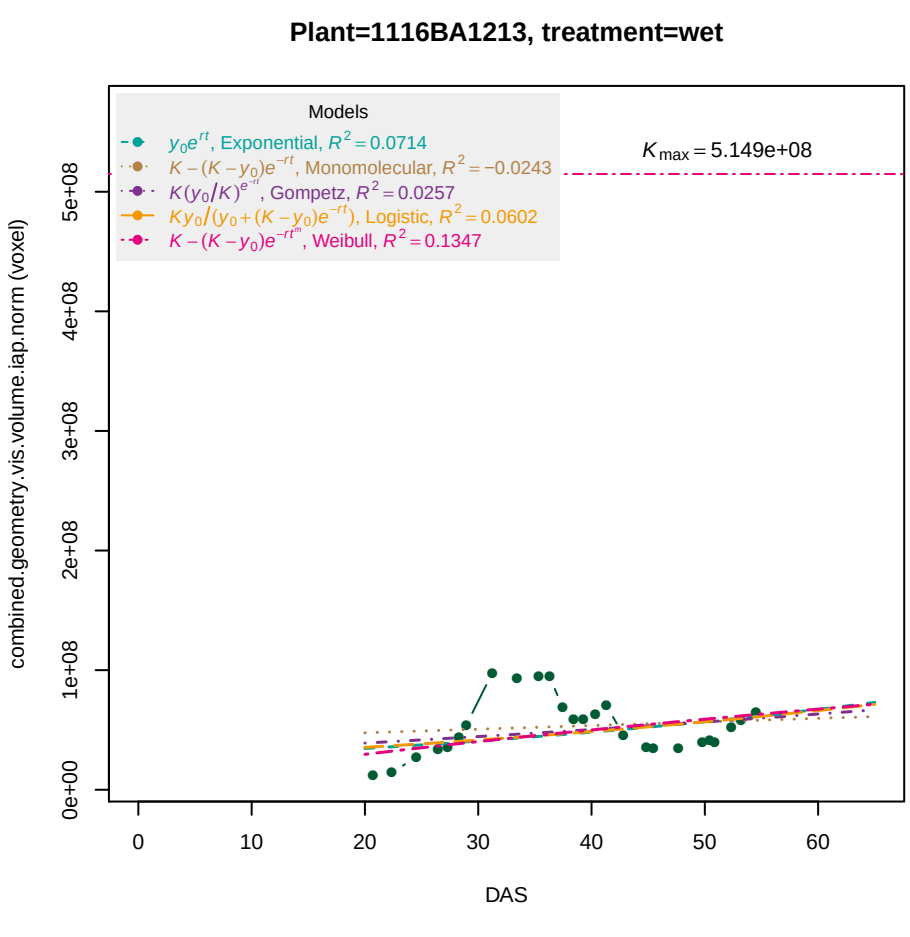
Plant=1116BA1177, treatment=wet

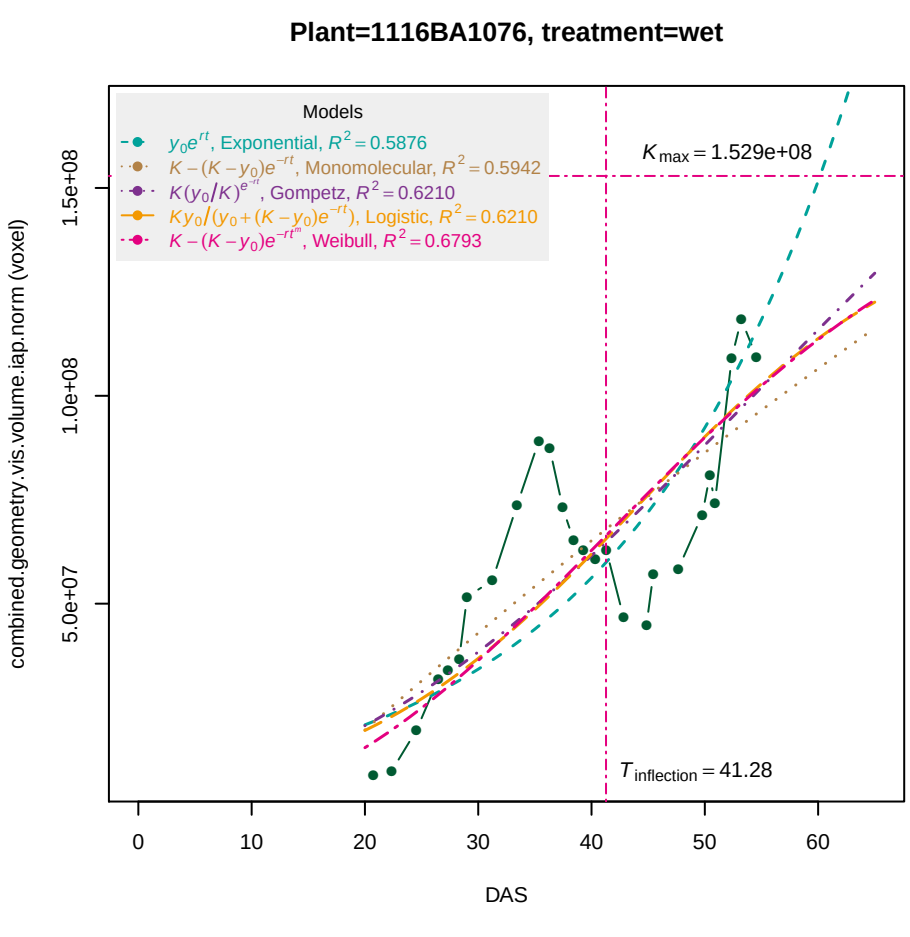



Plant=1116BA1026, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = -0.0283$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = -0.0329$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = -0.0391$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = -0.0329$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = -0.0026$
$K_{max} = 5.157e+08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Plant=1116BA1315, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.6716$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.7031$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.7099$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.7152$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.7723$
$K_{max} = 1.03e+08$
$T_{inflection} = 33.57$
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Plant=1116BA1393, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.8008$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.7915$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.8386$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.8366$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.8649$
$K_{max} = 2.278e+08$
$T_{inflection} = 48.56$
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Plant=1116BA1349, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.3233$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.1253$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.2498$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.3056$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.4016$
$K_{max} = 5.155e+08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

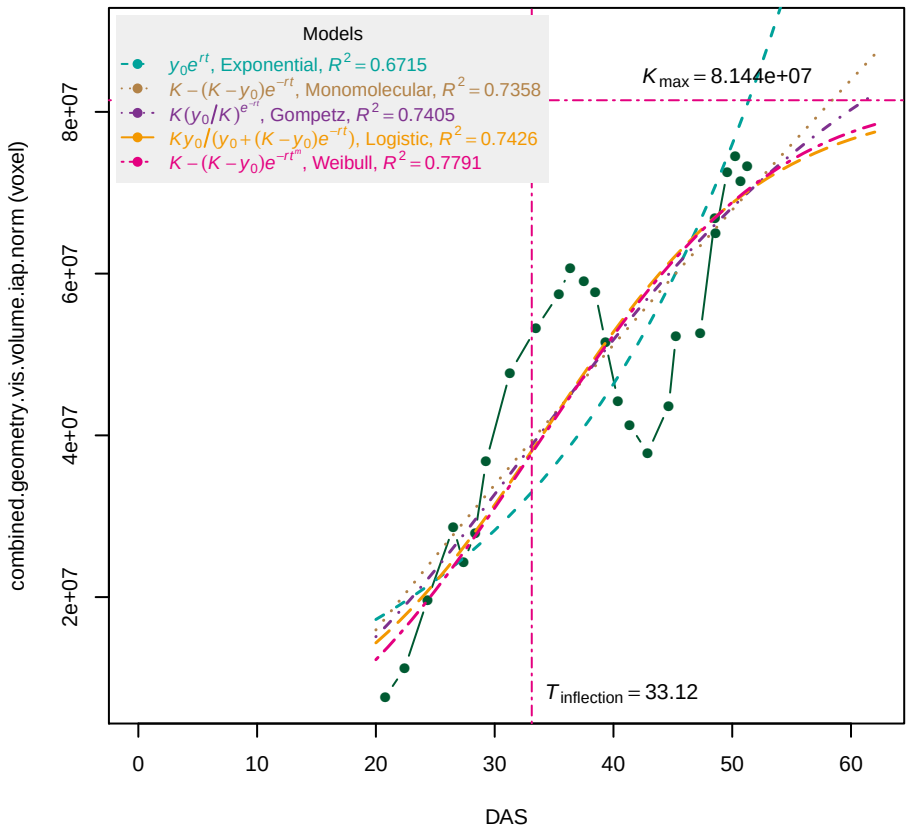

Plant=1116BA1134, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.9086$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.9288$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9536$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9453$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9698$
$K_{max} = 1.447e+08$
$T_{inflection} = 44.07$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1074, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.0195$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = -0.0356$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = -0.0106$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.0110$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.0508$
$K_{max} = 5.163e+08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

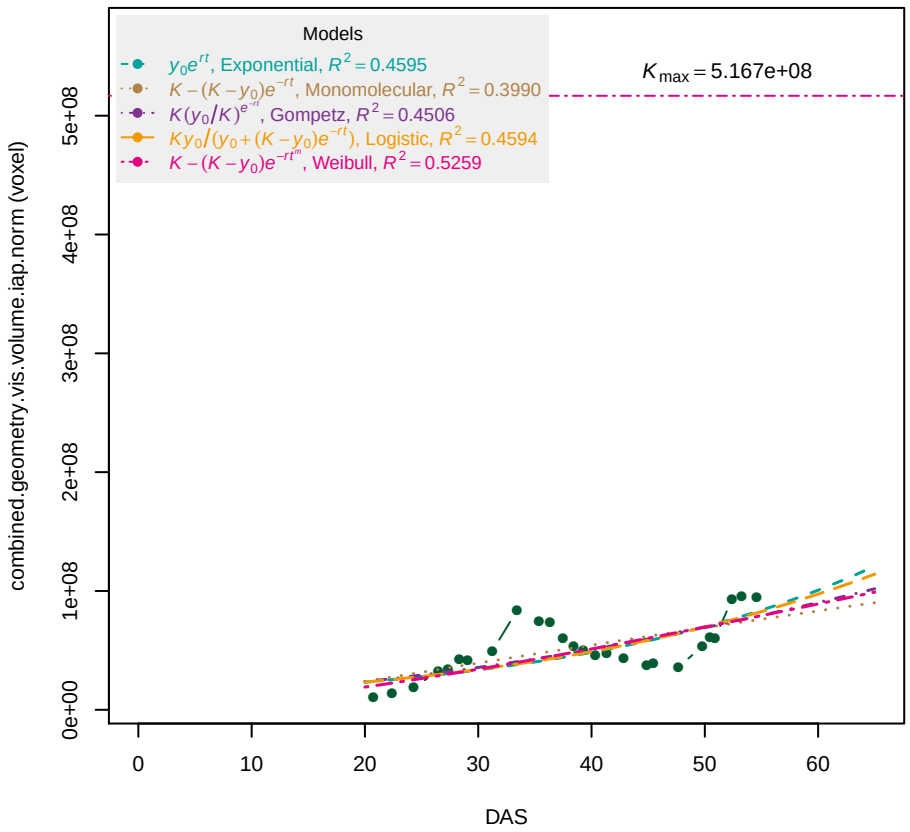

Plant=1116BA1213, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.0714$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = -0.0243$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.0257$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.0602$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.1347$
$K_{max} = 5.149e+08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1076, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.5876$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.5942$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.6210$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.6210$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.6793$
$K_{max} = 1.529e+08$
$T_{inflection} = 41.28$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

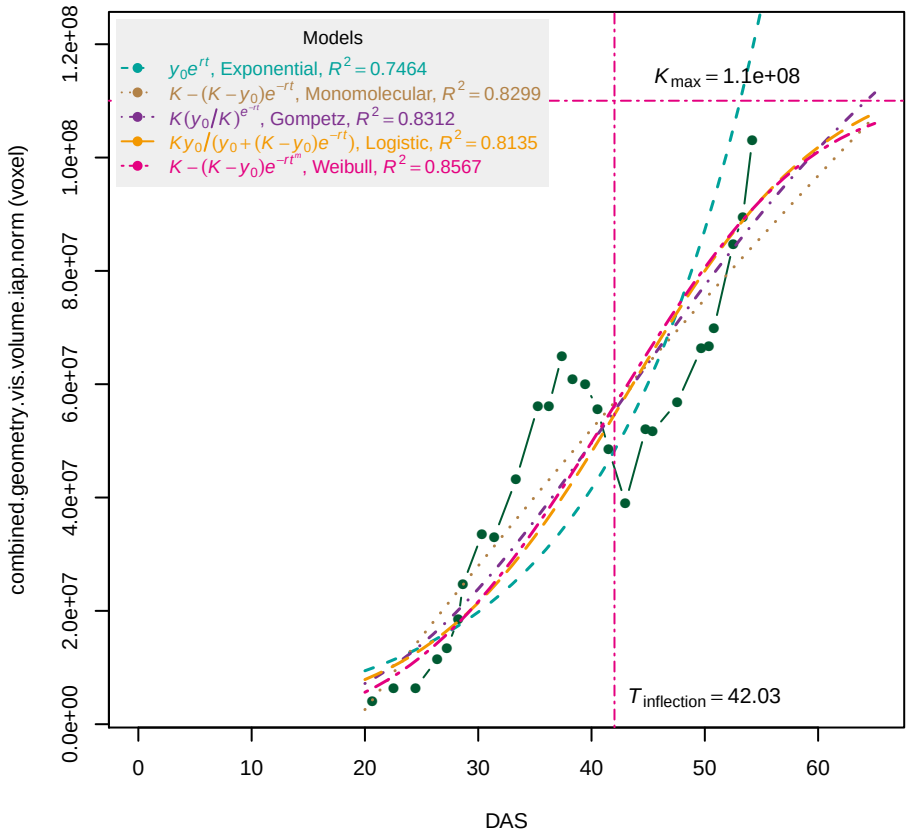
Plant=1116BA1199, treatment=wet



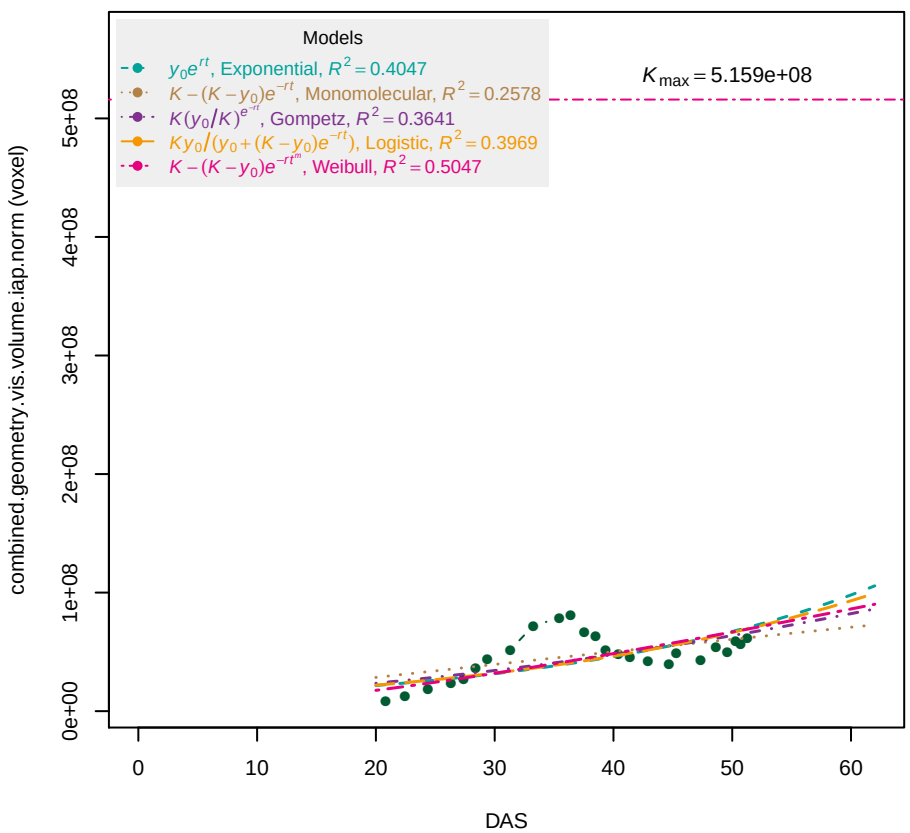
Plant=1116BA1262, treatment=wet

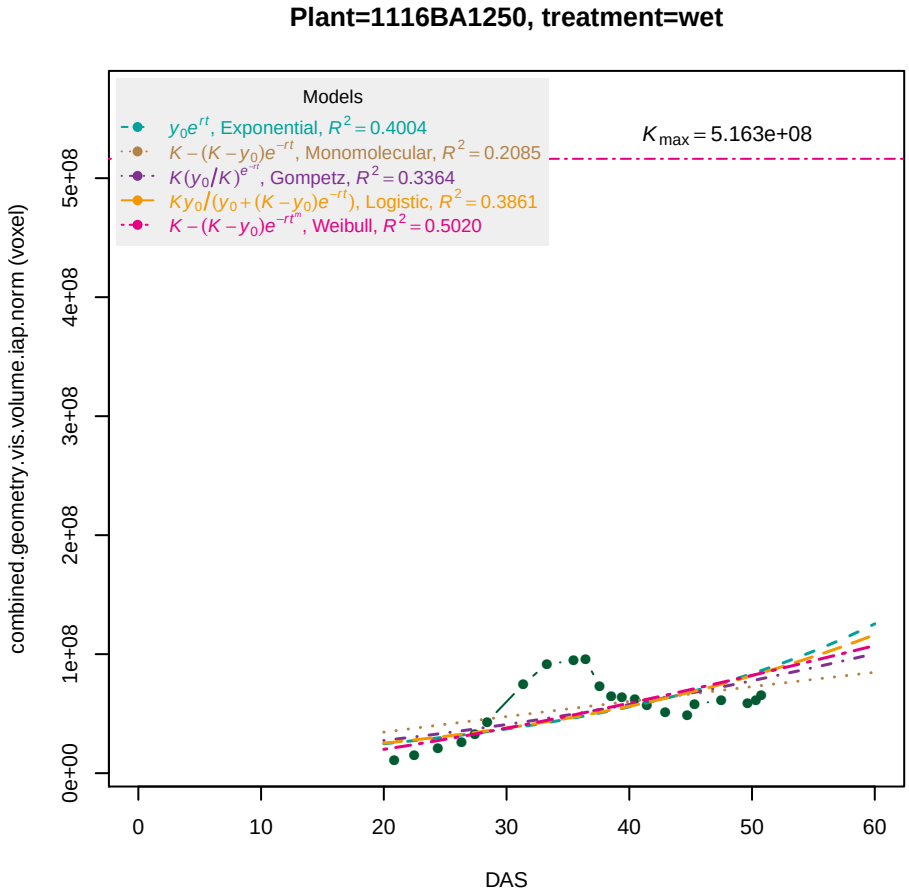


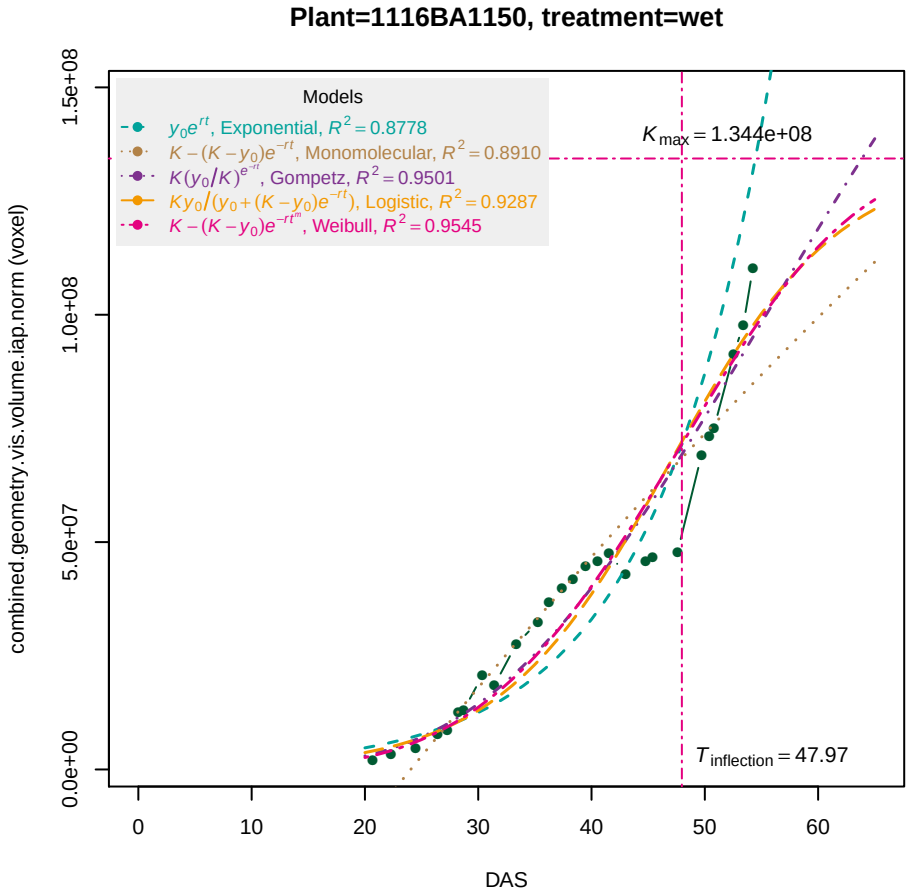
Plant=1116BA1132, treatment=wet



Plant=1116BA1148, treatment=wet

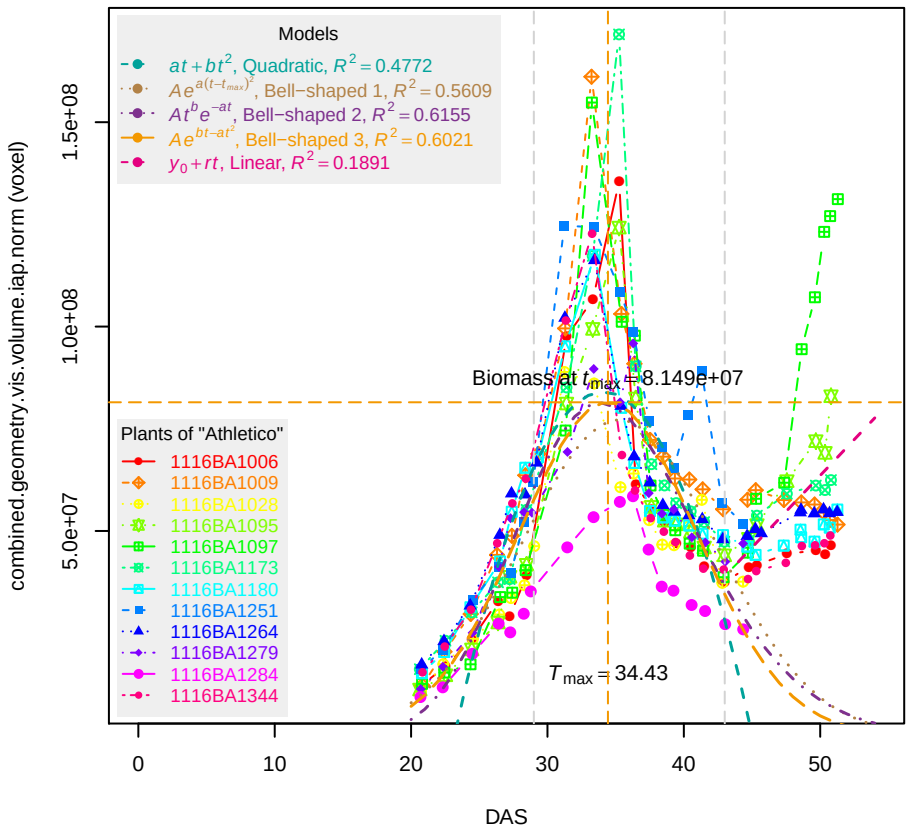



Plant=1116BA1250, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.4004$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.2085$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.3364$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.3861$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.5020$
$K_{max} = 5.163e+08$
combined.geometry.vis.volume.iap.norm (voxel)
0e+00
1e+08
2e+08
3e+08
4e+08
5e+08
0
10
20
30
40
50
60
DAS

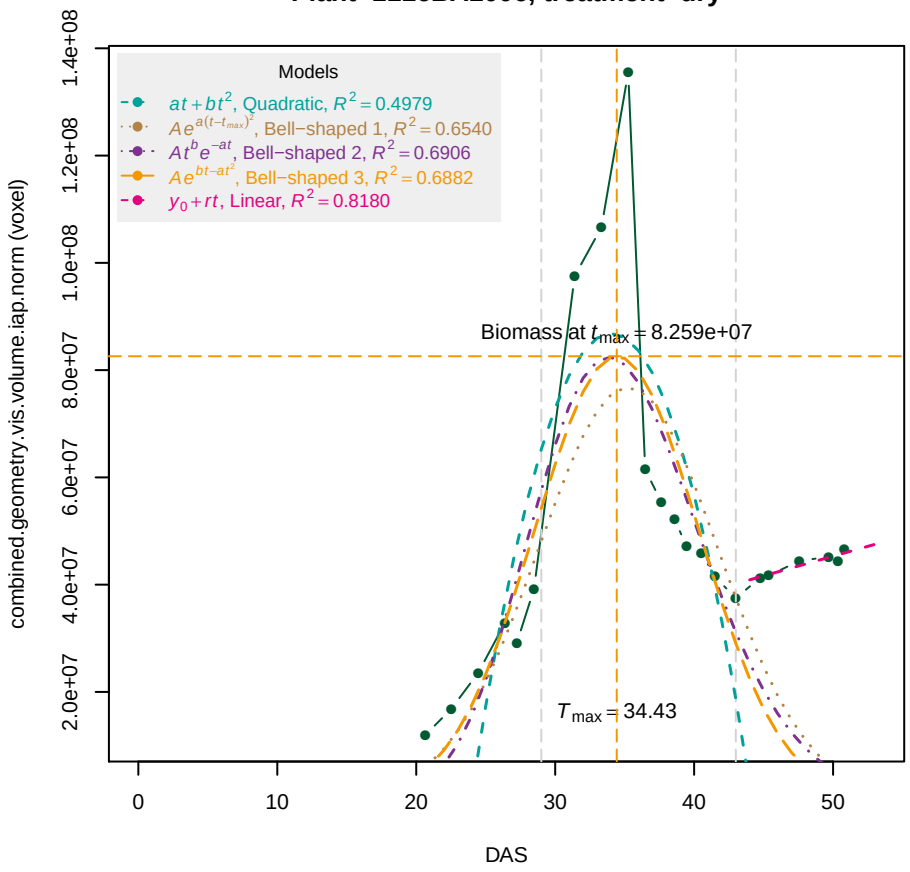

Plant=1116BA1150, treatment=wet
Models
y_0e^{rt}, Exponential, $R^2 = 0.8778$
$K-(K-y_0)e^{-rt}$, Monomolecular, $R^2 = 0.8910$
$K(y_0/K)^{e^{-rt}}$, Gompetz, $R^2 = 0.9501$
$Ky_0/(y_0+(K-y_0)e^{-rt})$, Logistic, $R^2 = 0.9287$
$K-(K-y_0)e^{-rt^m}$, Weibull, $R^2 = 0.9545$
$K_{max} = 1.344e+08$
$T_{inflection} = 47.97$
combined.geometry.vis.volume.iap.norm (voxel)
0.0e+00
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
60
DAS

Plant growth modeling
on trait "combined.geometry.vis.volume.iap.norm

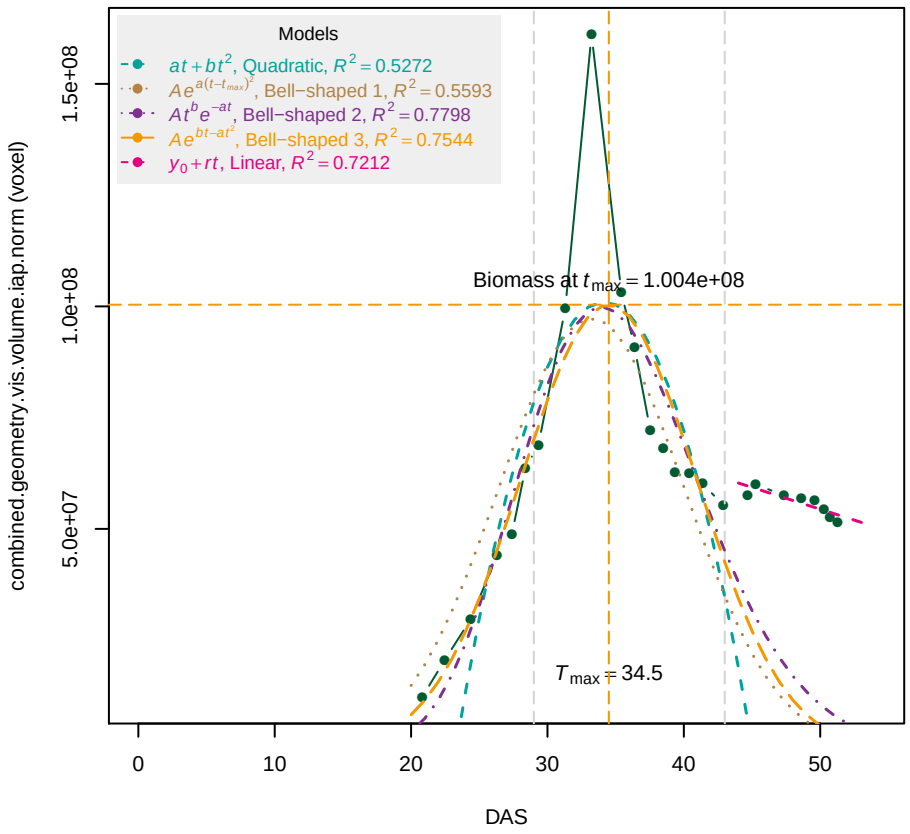
Genotype=Athletico, treatment=dry



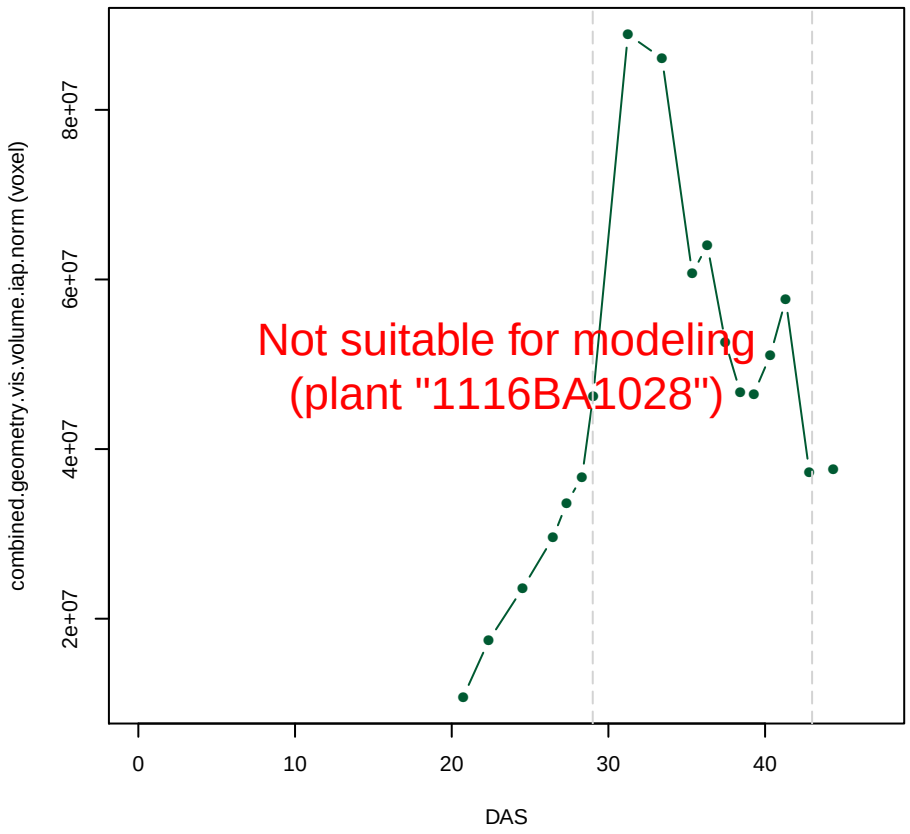
Plant=1116BA1006, treatment=dry

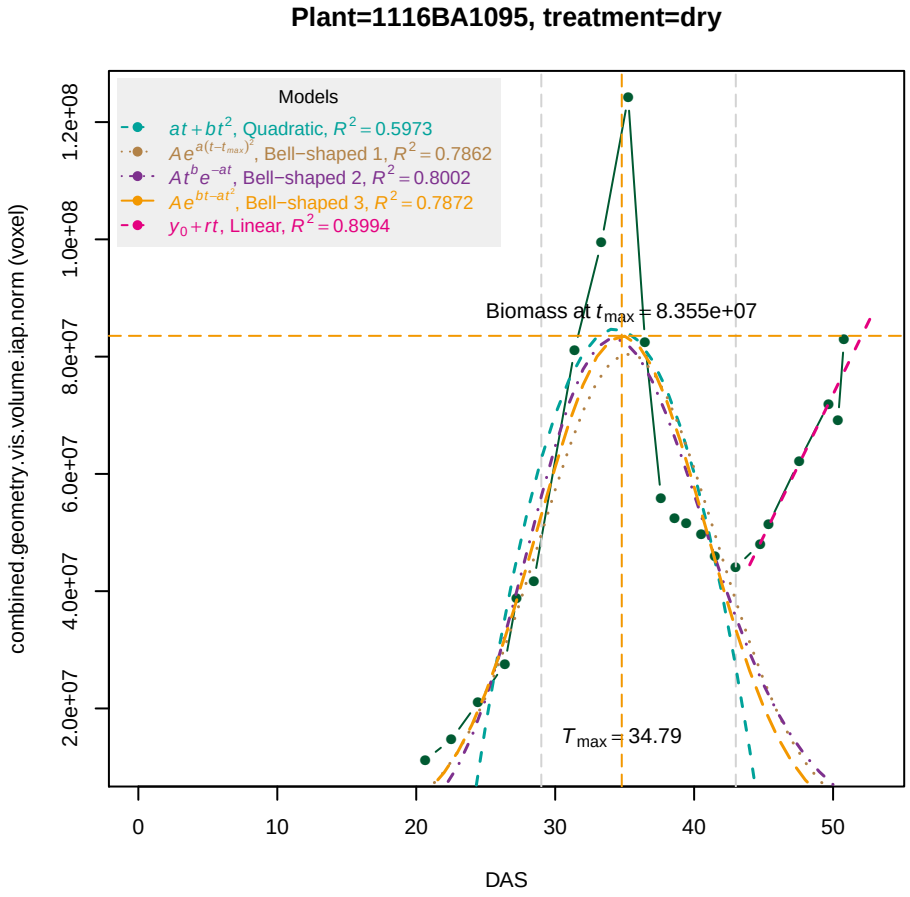


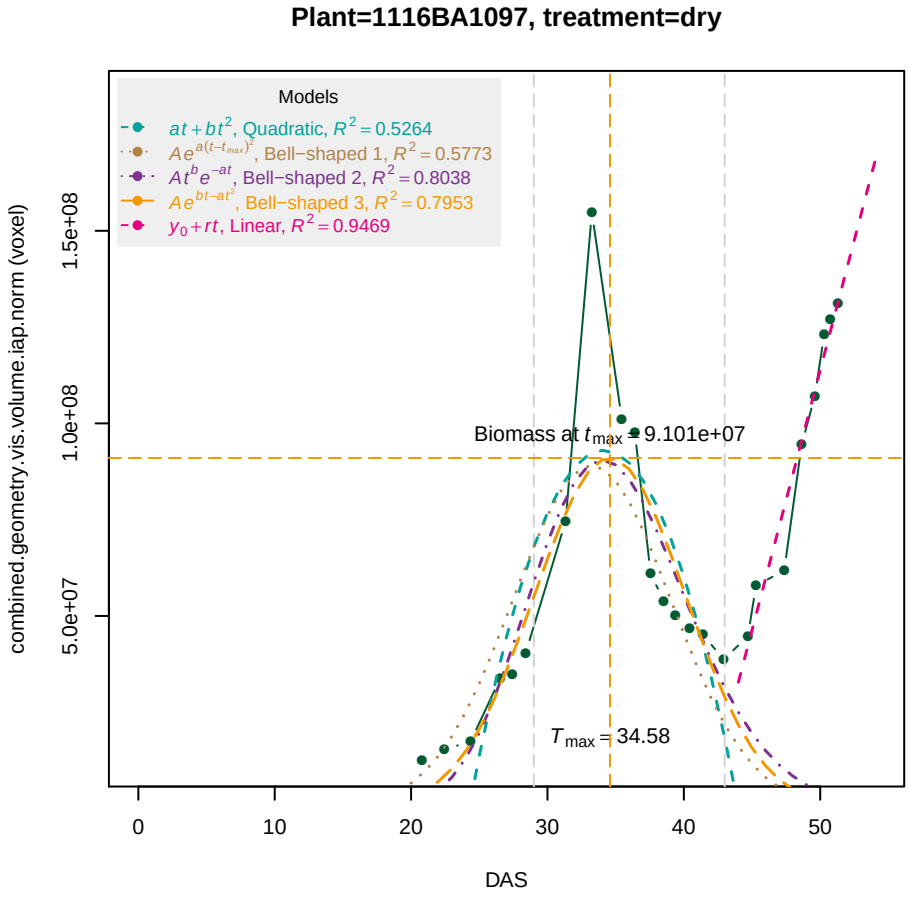
Plant=1116BA1009, treatment=dry

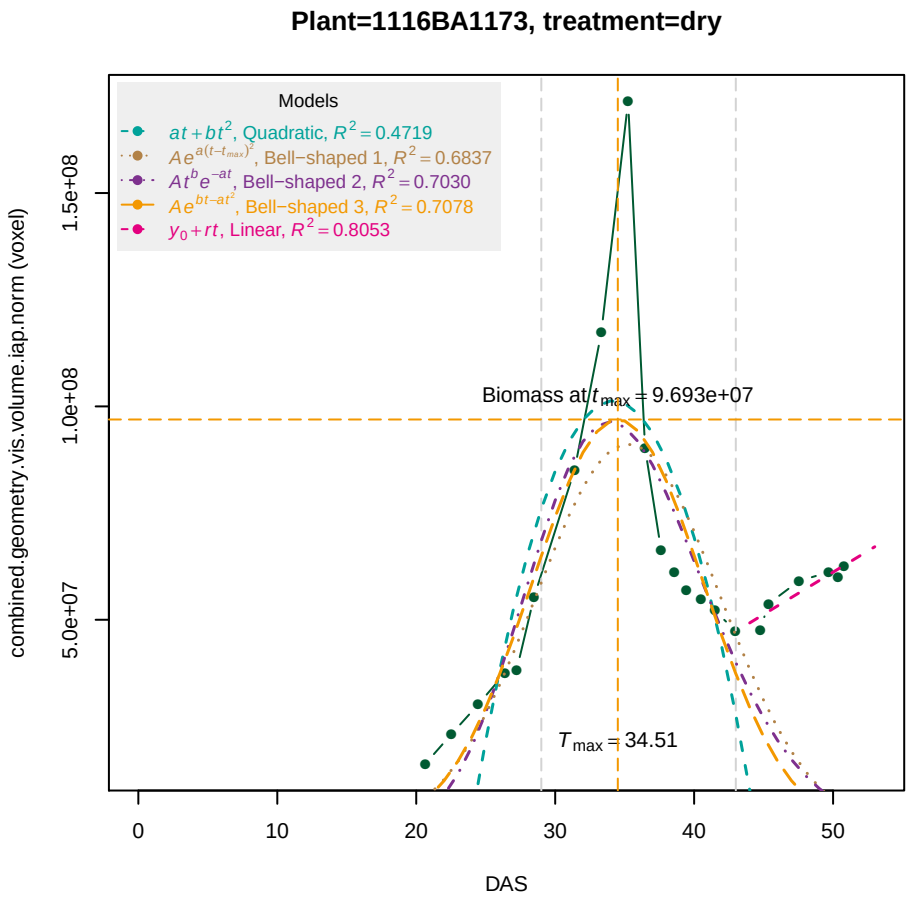


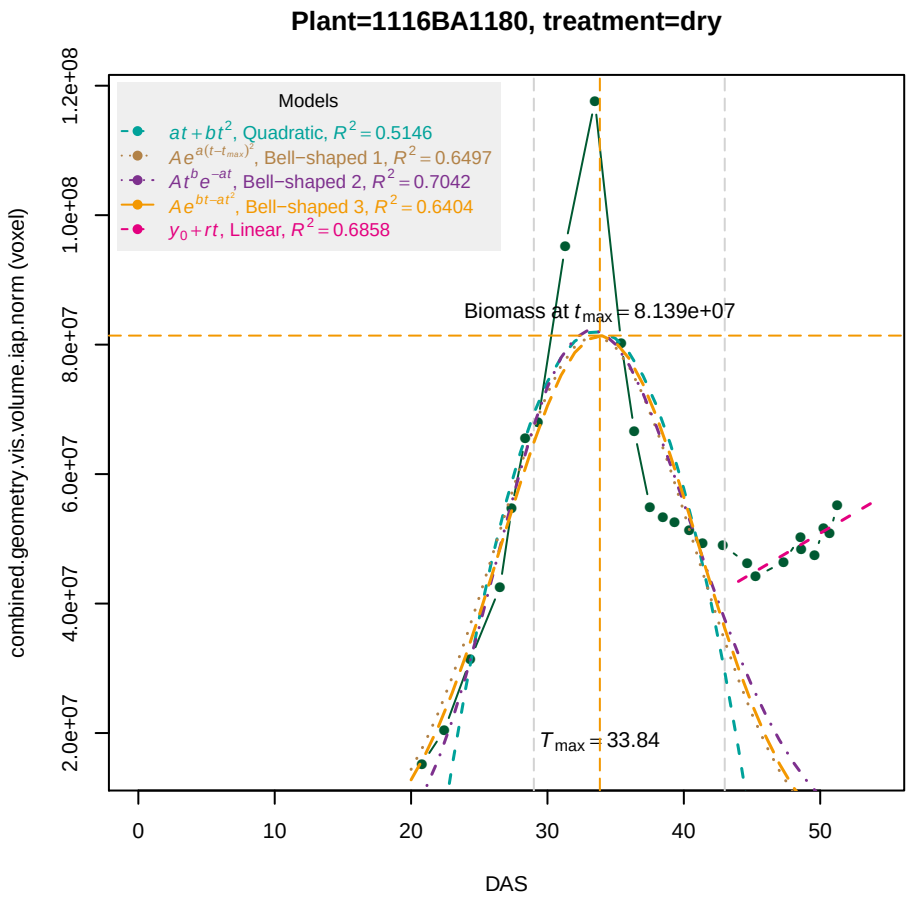
Plant=1116BA1028, treatment=dry

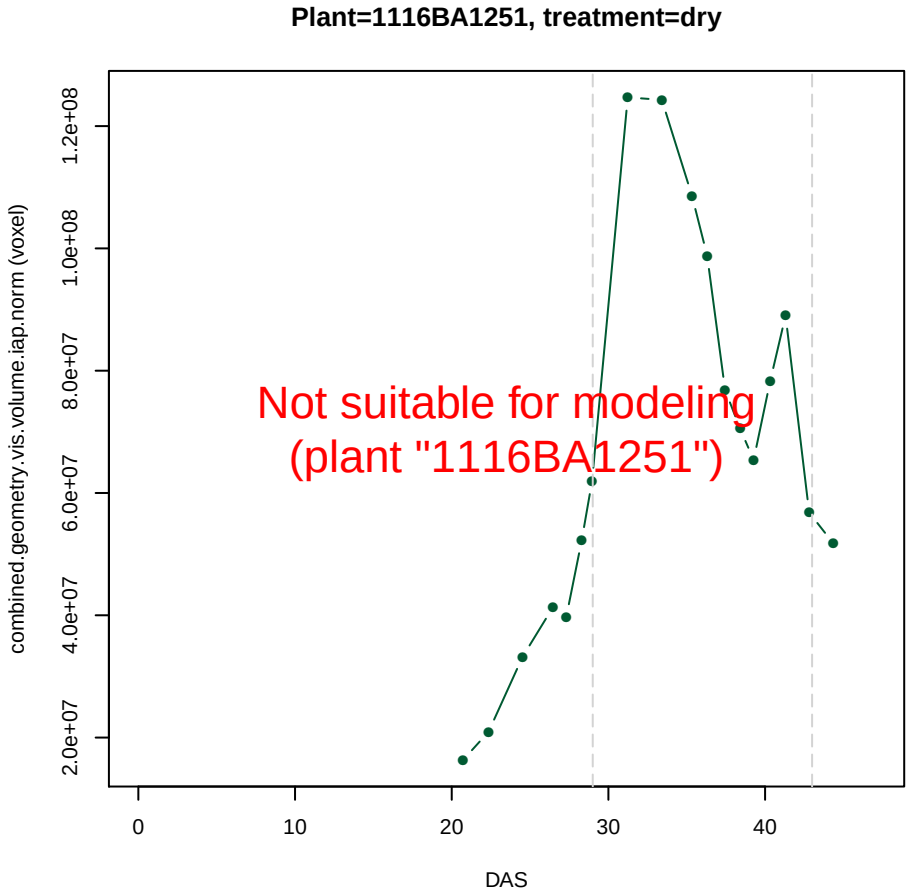


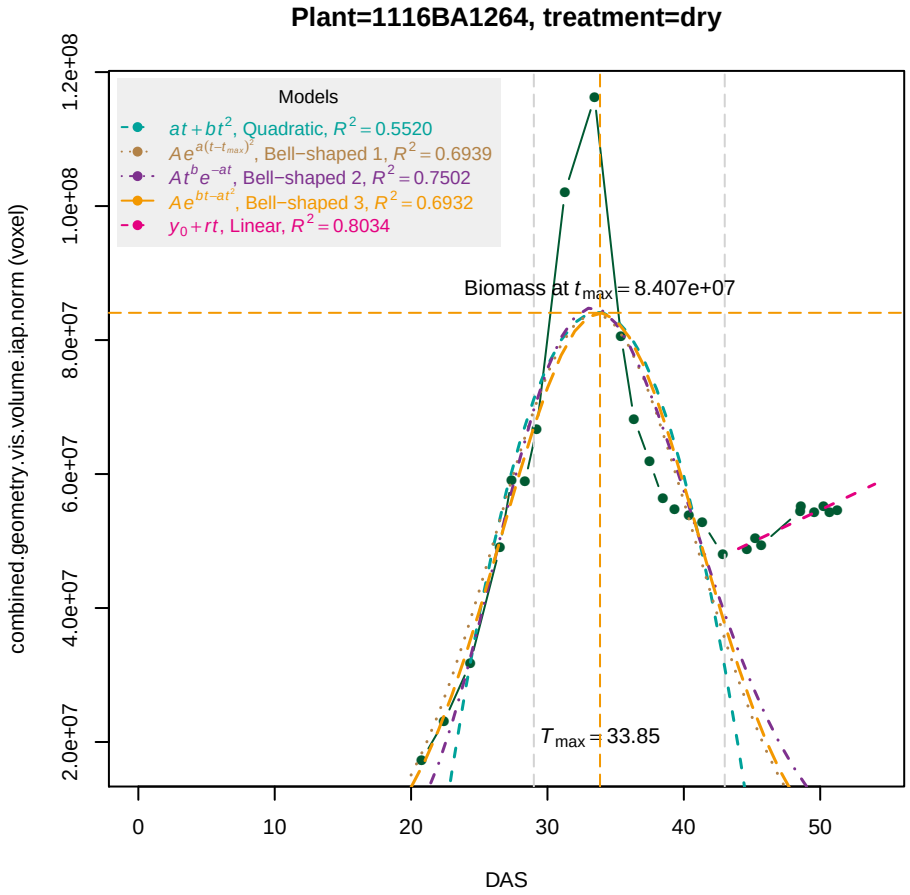

Plant=1116BA1095, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5973$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7862$
At^be^{-at}, Bell−shaped 2, $R^2=0.8002$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7872$
y_0+rt, Linear, $R^2=0.8994$
Biomass at t_{max} = 8.355e+07
T_{max} = 34.79
combined.geometry.vis.volume.iap.norm (voxel)
DAS

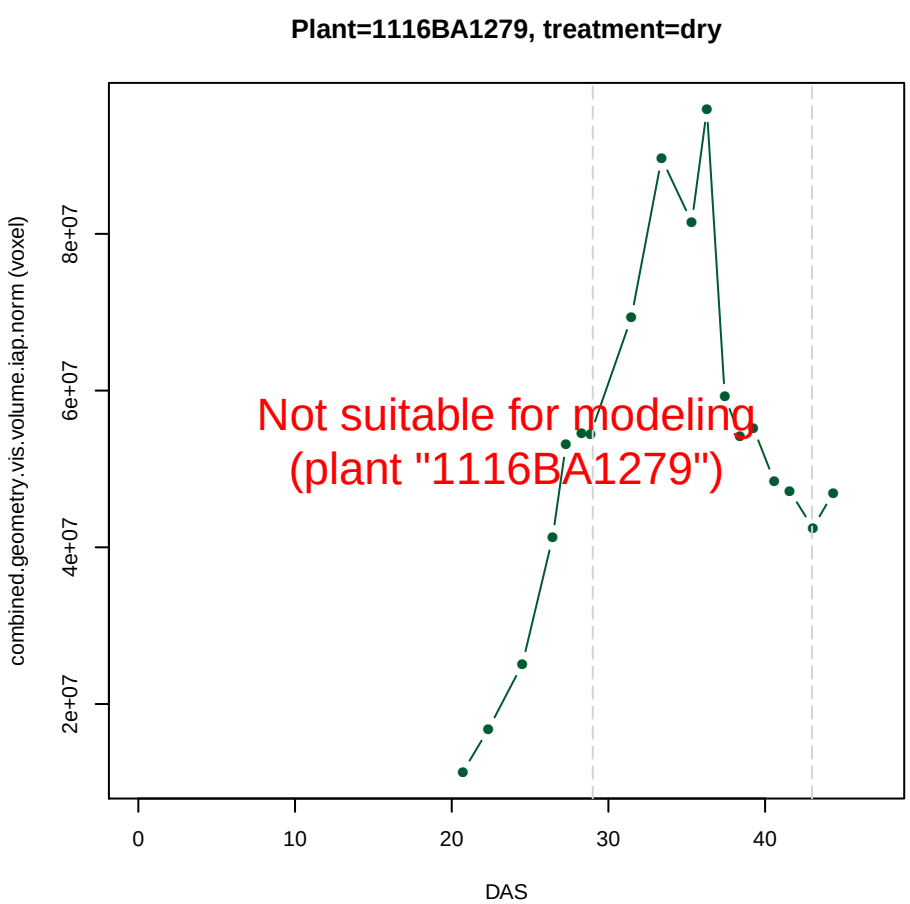

Plant=1116BA1097, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5264$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.5773$
At^be^{-at}, Bell−shaped 2, $R^2=0.8038$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7953$
y_0+rt, Linear, $R^2=0.9469$
Biomass at t_{max} = 9.101e+07
T_{max} = 34.58
combined.geometry.vis.volume.iap.norm (voxel)
DAS

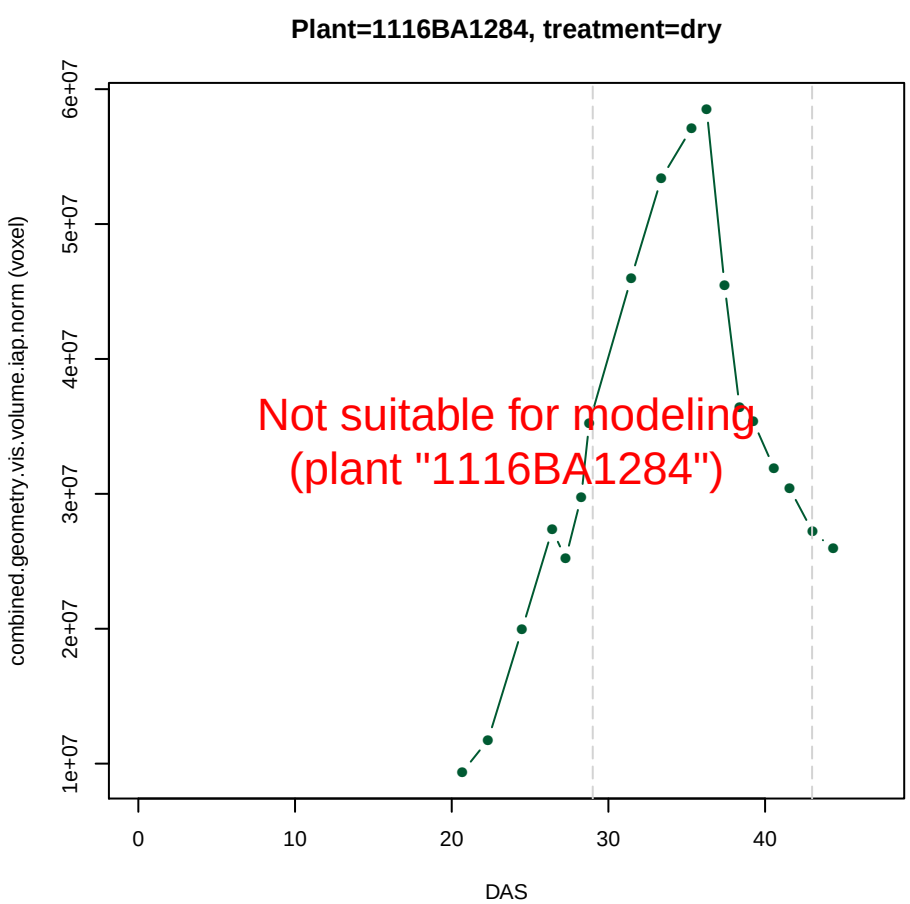

Plant=1116BA1173, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.4719$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6837$
At^be^{-at}, Bell−shaped 2, $R^2=0.7030$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7078$
y_0+rt, Linear, $R^2=0.8053$
Biomass at t_{max} = 9.693e+07
T_{max} = 34.51
combined.geometry.vis.volume.iap.norm (voxel)
DAS

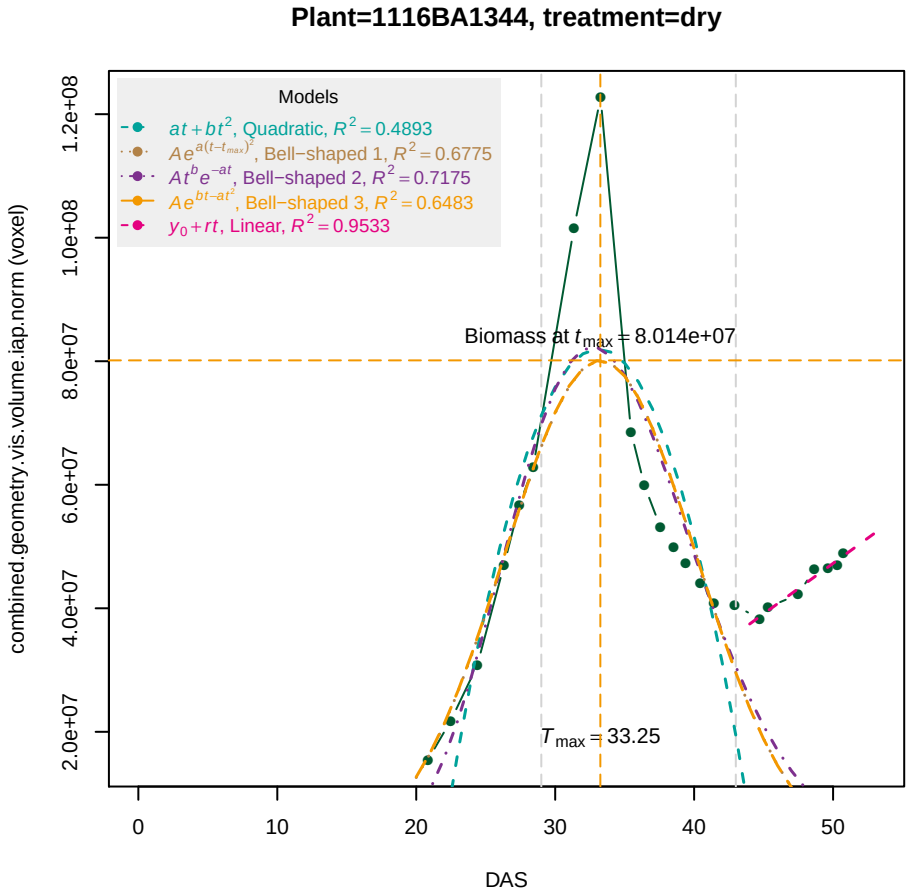

Plant=1116BA1180, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5146$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6497$
At^be^{-at}, Bell−shaped 2, $R^2=0.7042$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6404$
y_0+rt, Linear, $R^2=0.6858$
Biomass at t_{max} = 8.139e+07
T_{max} = 33.84
combined.geometry.vis.volume.iap.norm (voxel)
DAS

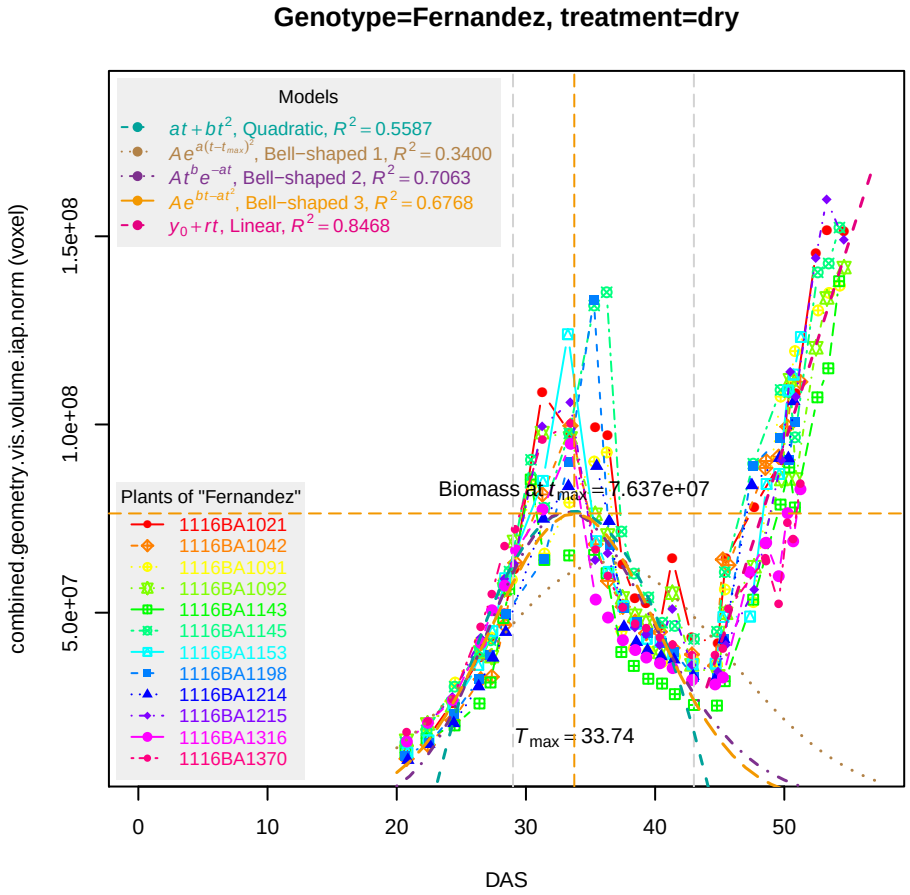

Plant=1116BA1251, treatment=dry
Not suitable for modeling
(plant "1116BA1251")
combined.geometry.vis.volume.iap.norm (voxel)
DAS

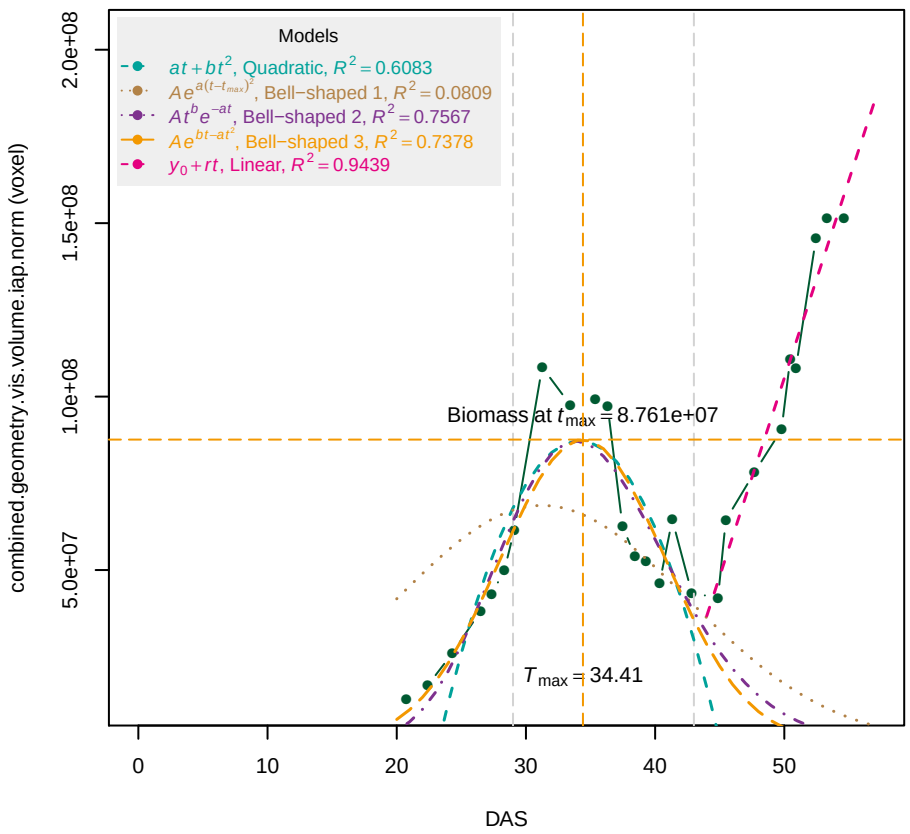

Plant=1116BA1264, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5520$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6939$
At^be^{-at}, Bell−shaped 2, $R^2=0.7502$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6932$
y_0+rt, Linear, $R^2=0.8034$
Biomass at t_{max} = 8.407e+07
T_{max} = 33.85
combined.geometry.vis.volume.iap.norm (voxel)
DAS

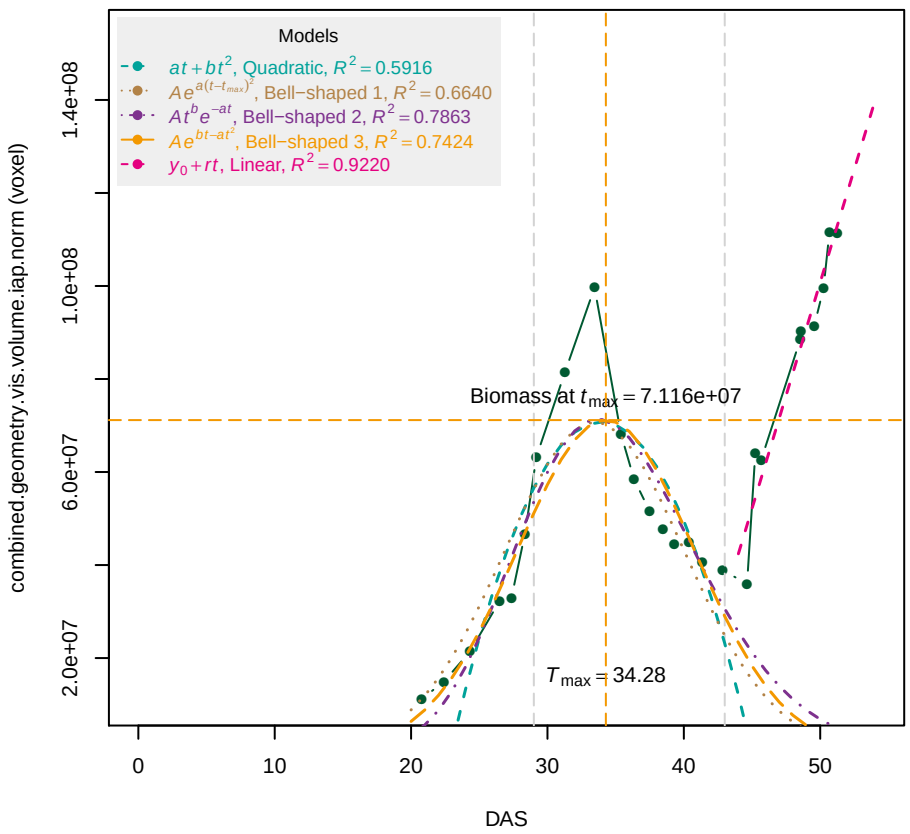

Plant=1116BA1279, treatment=dry
Not suitable for modeling
(plant "1116BA1279")
combined.geometry.vis.volume.iap.norm (voxel)
DAS

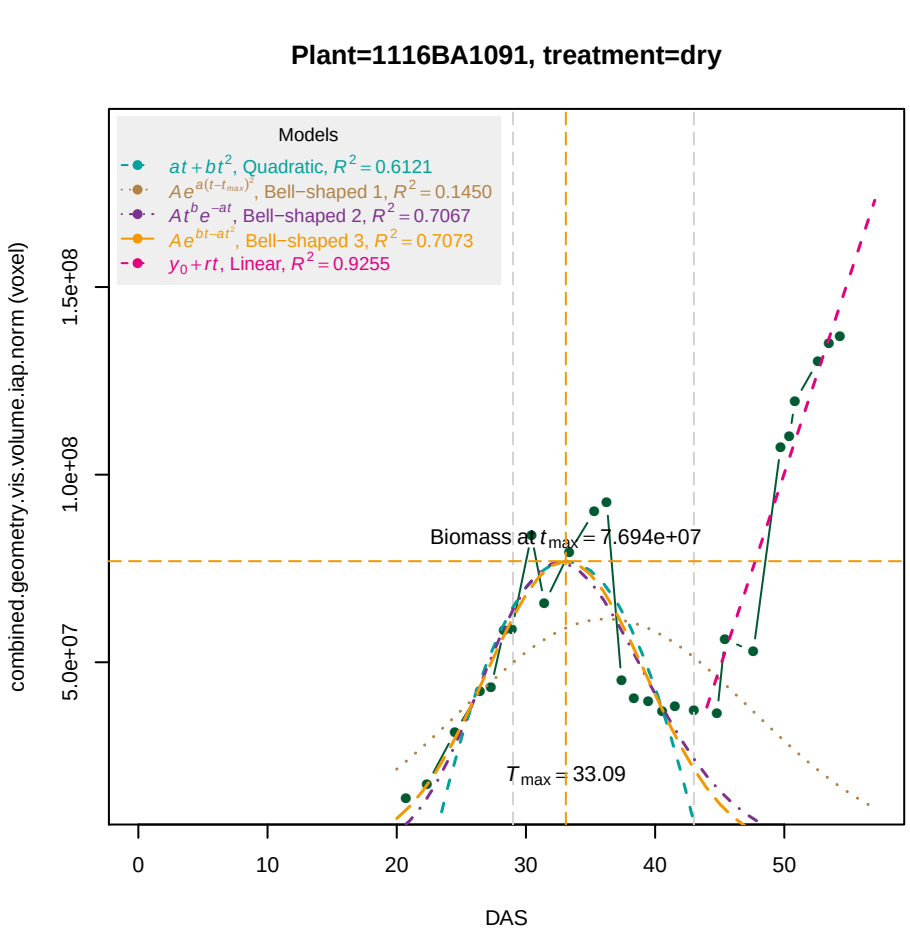

Plant=1116BA1284, treatment=dry
Not suitable for modeling
(plant "1116BA1284")
combined.geometry.vis.volume.iap.norm (voxel)
DAS

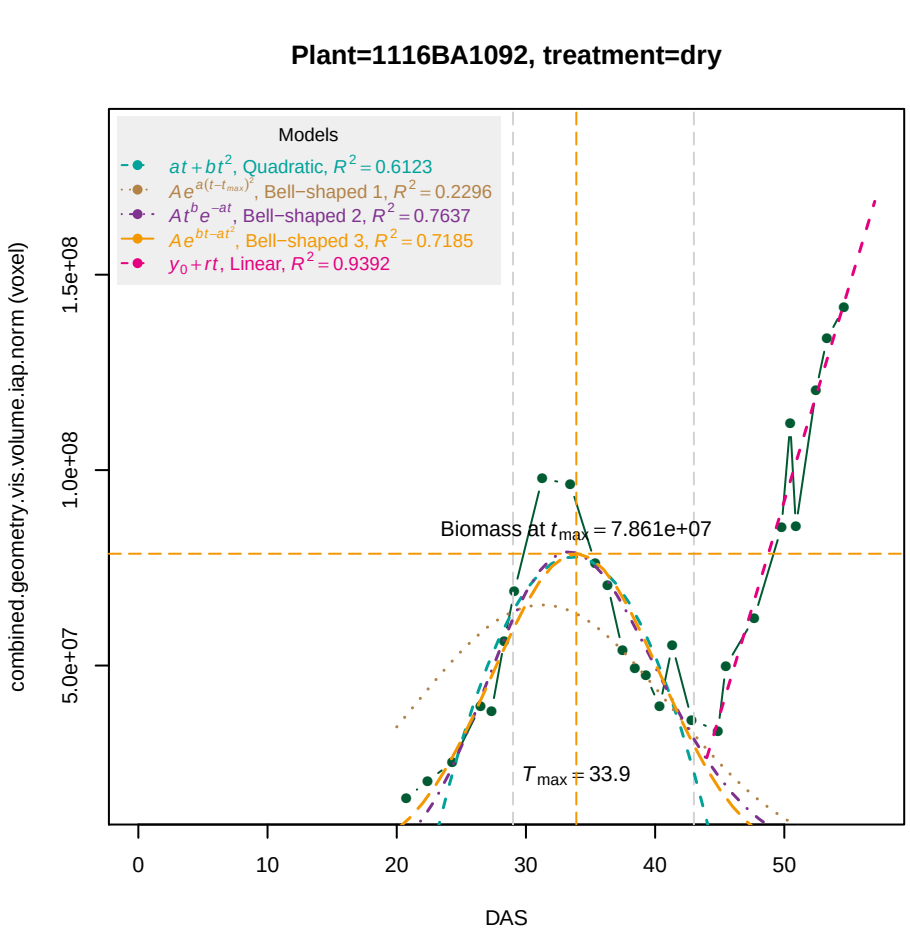

Plant=1116BA1344, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.4893$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6775$
At^be^{-at}, Bell−shaped 2, $R^2=0.7175$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6483$
y_0+rt, Linear, $R^2=0.9533$
Biomass at t_{max} = 8.014e+07
T_{max} = 33.25
combined.geometry.vis.volume.iap.norm (voxel)
DAS

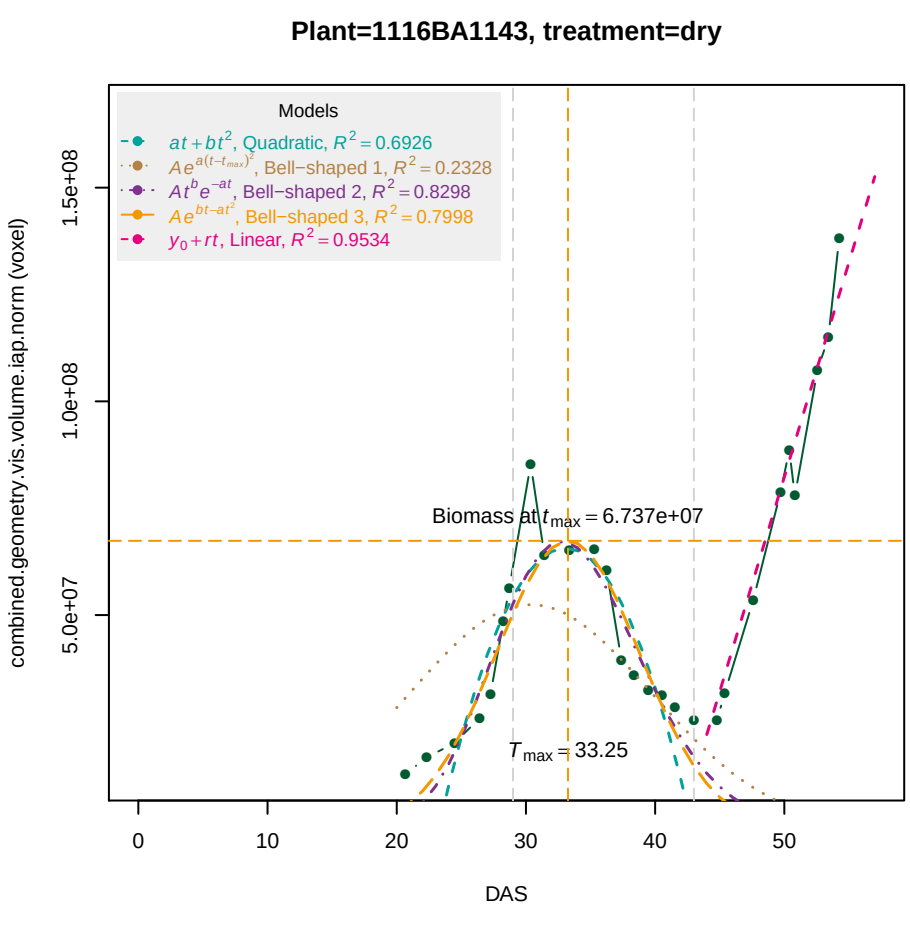

Genotype=Fernandez, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5587$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.3400$
At^be^{-at}, Bell−shaped 2, $R^2=0.7063$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6768$
y_0+rt, Linear, $R^2=0.8468$
Plants of "Fernandez"
1116BA1021
1116BA1042
1116BA1091
1116BA1092
1116BA1143
1116BA1145
1116BA1153
1116BA1198
1116BA1214
1116BA1215
1116BA1316
1116BA1370
Biomass at t_{max} = 7.637e+07
T_{max} = 33.74
combined.geometry.vis.volume.iap.norm (voxel)
DAS

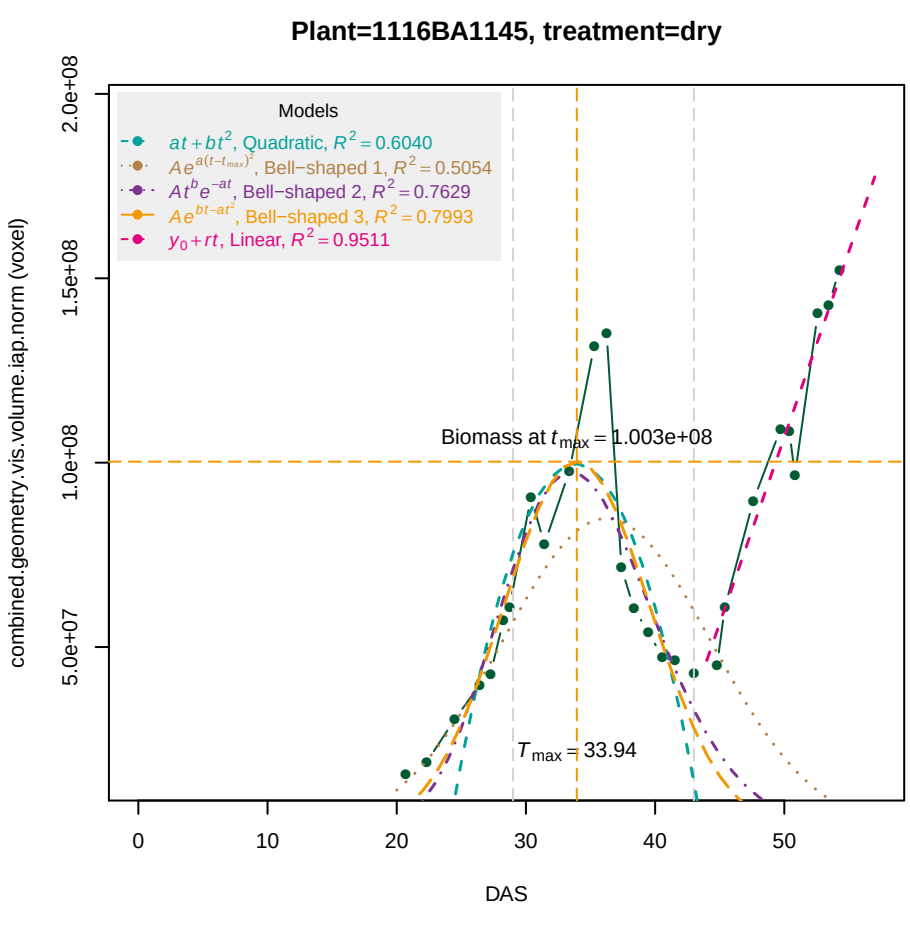

Plant=1116BA1021, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6083$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.0809$
At^be^{-at}, Bell−shaped 2, $R^2=0.7567$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7378$
y_0+rt, Linear, $R^2=0.9439$
Biomass at t_{max} = 8.761e+07
T_{max} = 34.41
combined.geometry.vis.volume.iap.norm (voxel)
DAS

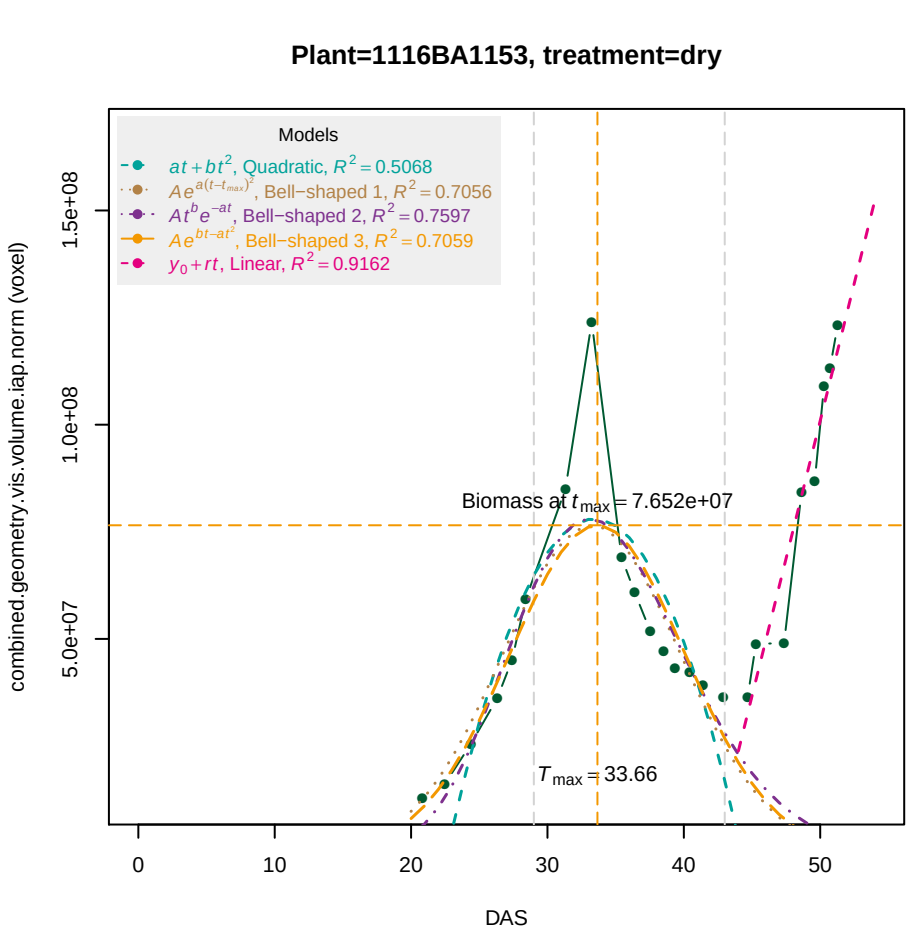

Plant=1116BA1042, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5916$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6640$
At^be^{-at}, Bell−shaped 2, $R^2=0.7863$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7424$
y_0+rt, Linear, $R^2=0.9220$
Biomass at t_{max} = 7.116e+07
T_{max} = 34.28
combined.geometry.vis.volume.iap.norm (voxel)
DAS

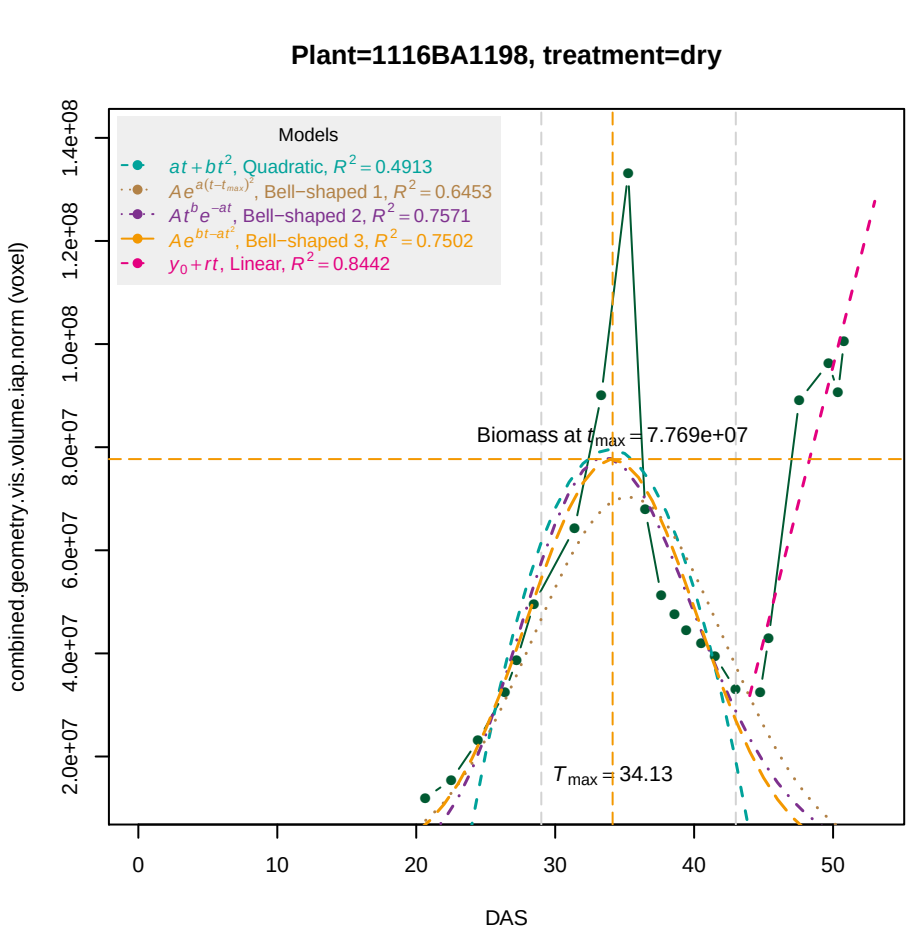

Plant=1116BA1091, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6121$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.1450$
At^be^{-at}, Bell−shaped 2, $R^2=0.7067$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7073$
y_0+rt, Linear, $R^2=0.9255$
Biomass at t_{max} = 7.694e+07
T_{max} = 33.09
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
DAS

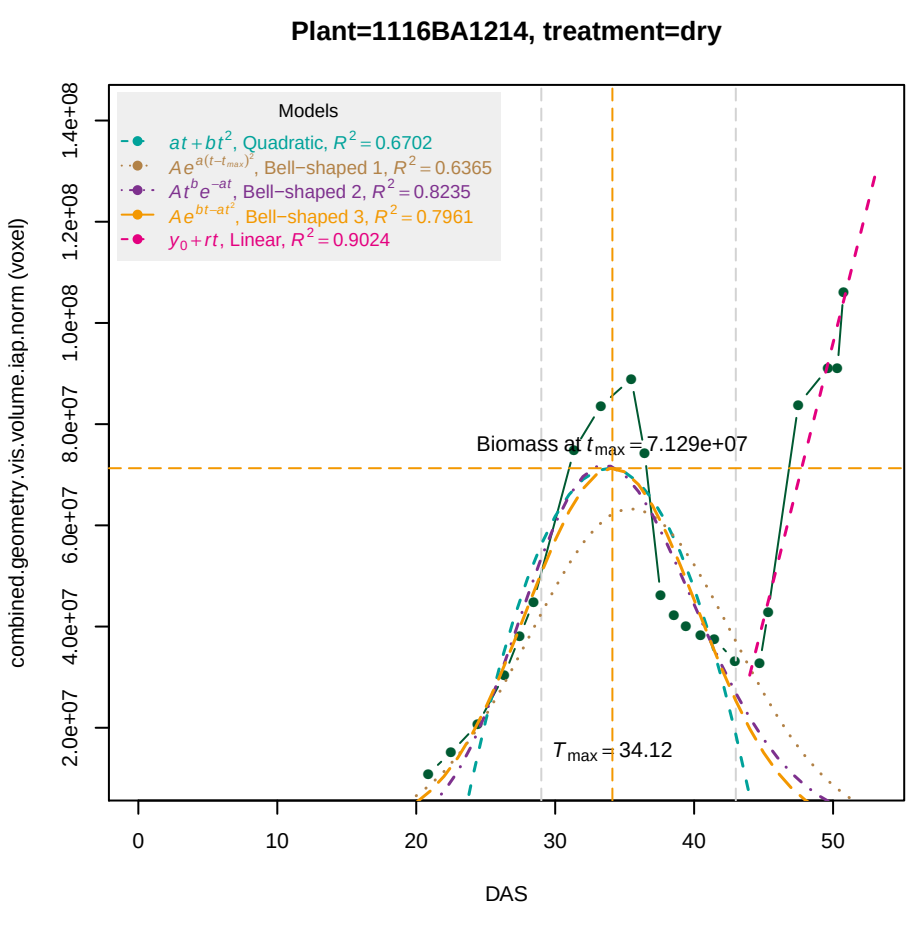

Plant=1116BA1092, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6123$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.2296$
At^be^{-at}, Bell−shaped 2, $R^2=0.7637$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7185$
y_0+rt, Linear, $R^2=0.9392$
Biomass at t_{max} = 7.861e+07
T_{max} = 33.9
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
DAS

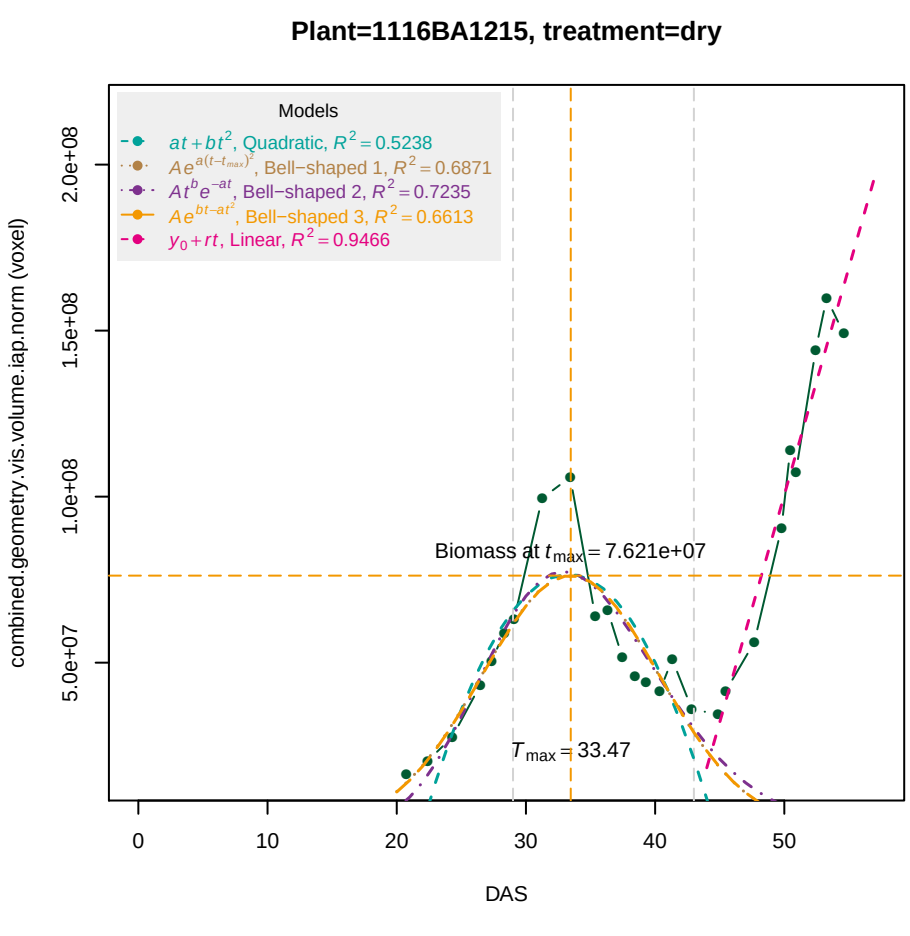

Plant=1116BA1143, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6926$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.2328$
At^be^{-at}, Bell−shaped 2, $R^2=0.8298$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7998$
y_0+rt, Linear, $R^2=0.9534$
Biomass at t_{max} = 6.737e+07
T_{max} = 33.25
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
DAS

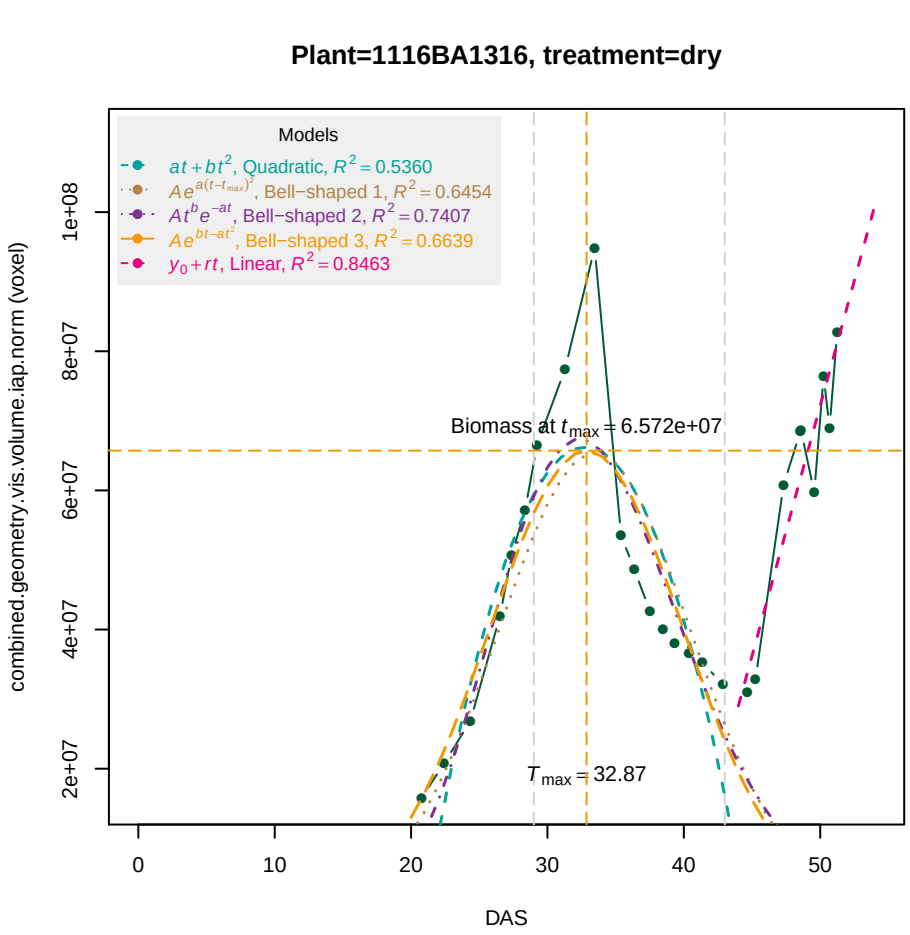

Plant=1116BA1145, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6040$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.5054$
At^be^{-at}, Bell−shaped 2, $R^2=0.7629$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7993$
y_0+rt, Linear, $R^2=0.9511$
Biomass at t_{max} = 1.003e+08
T_{max} = 33.94
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
2.0e+08
0
10
20
30
40
50
DAS

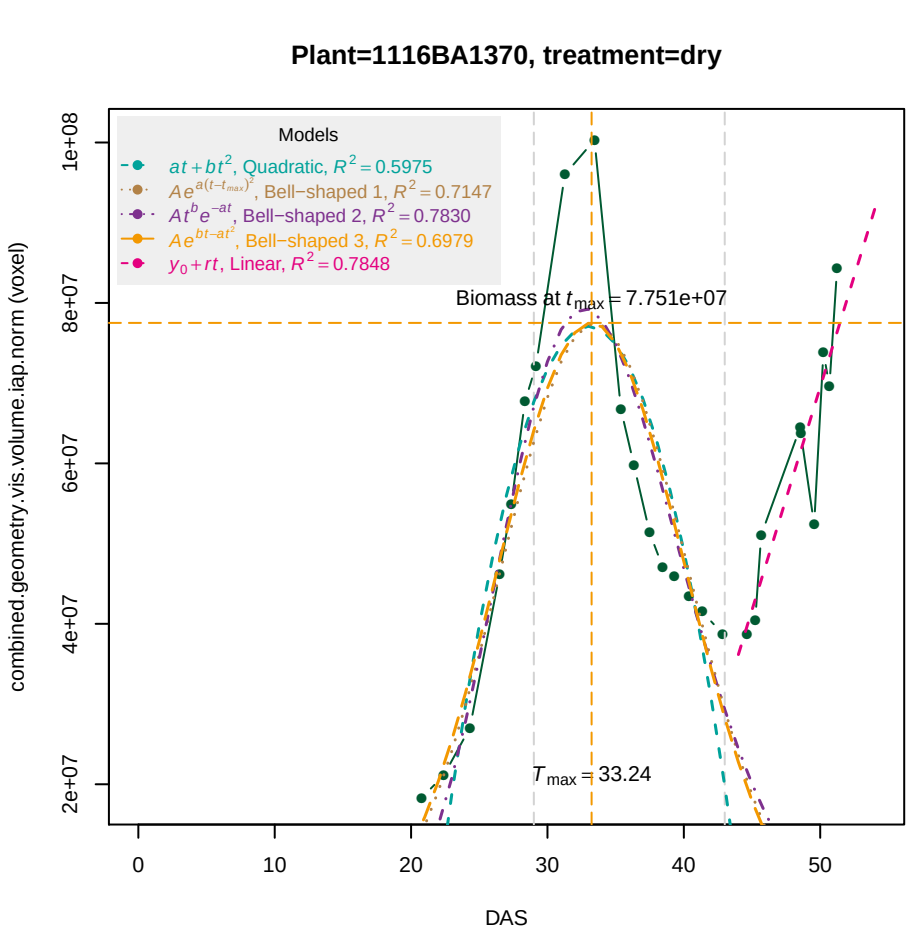

Plant=1116BA1153, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5068$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7056$
At^be^{-at}, Bell−shaped 2, $R^2=0.7597$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7059$
y_0+rt, Linear, $R^2=0.9162$
Biomass at t_{max} = 7.652e+07
T_{max} = 33.66
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
DAS

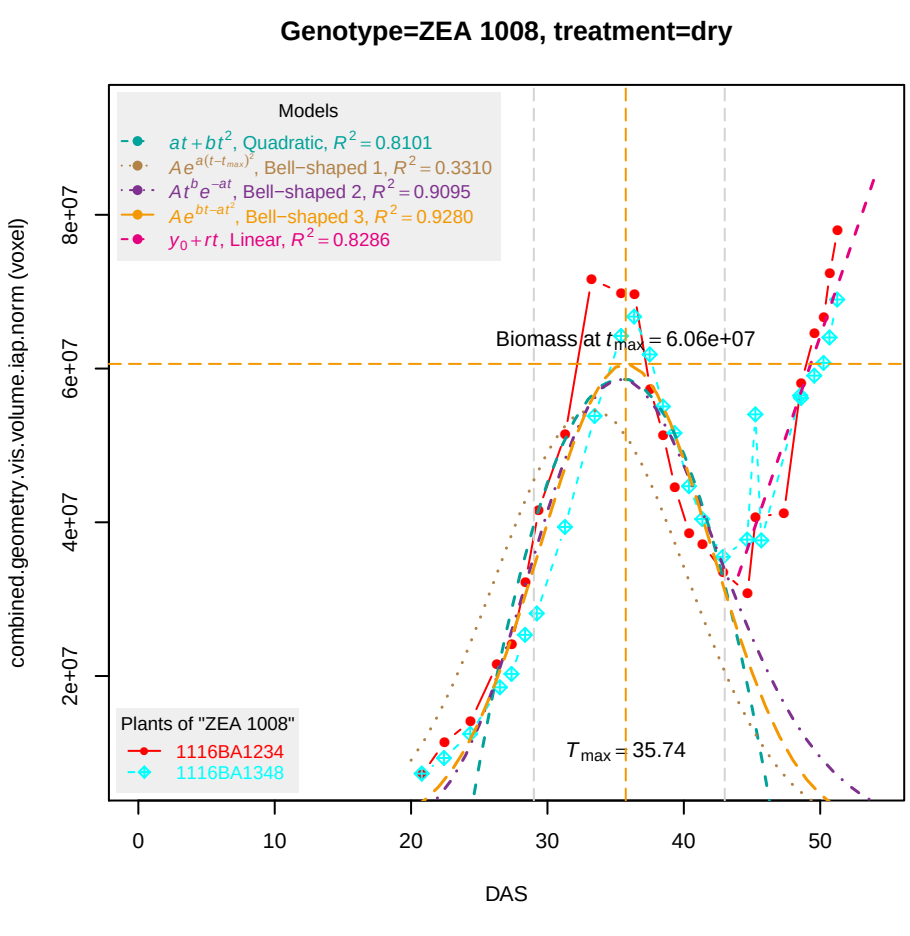

Plant=1116BA1198, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.4913$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6453$
At^be^{-at}, Bell−shaped 2, $R^2=0.7571$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7502$
y_0+rt, Linear, $R^2=0.8442$
Biomass at t_{max} = 7.769e+07
T_{max} = 34.13
combined.geometry.vis.volume.iap.norm (voxel)
2.0e+07
4.0e+07
6.0e+07
8.0e+07
1.0e+08
1.2e+08
1.4e+08
0
10
20
30
40
50
DAS

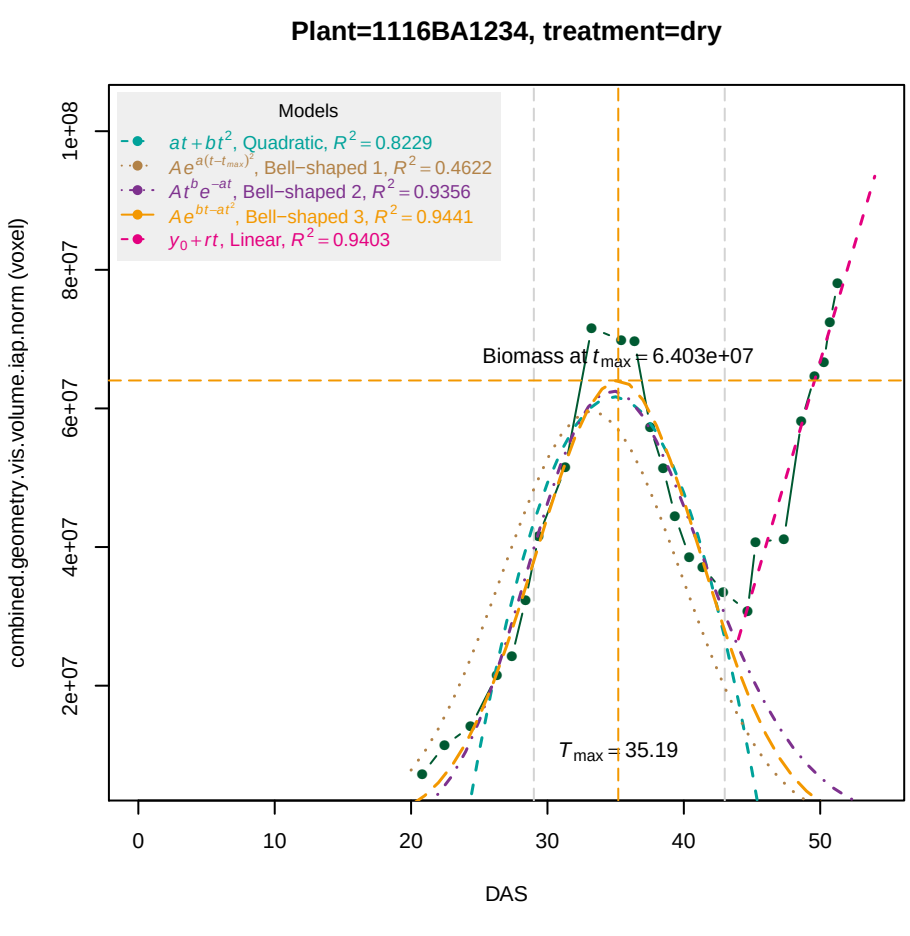

Plant=1116BA1214, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6702$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6365$
At^be^{-at}, Bell−shaped 2, $R^2=0.8235$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7961$
y_0+rt, Linear, $R^2=0.9024$
Biomass at t_{max} = 7.129e+07
T_{max} = 34.12
combined.geometry.vis.volume.iap.norm (voxel)
2.0e+07
4.0e+07
6.0e+07
8.0e+07
1.0e+08
1.2e+08
1.4e+08
0
10
20
30
40
50
DAS

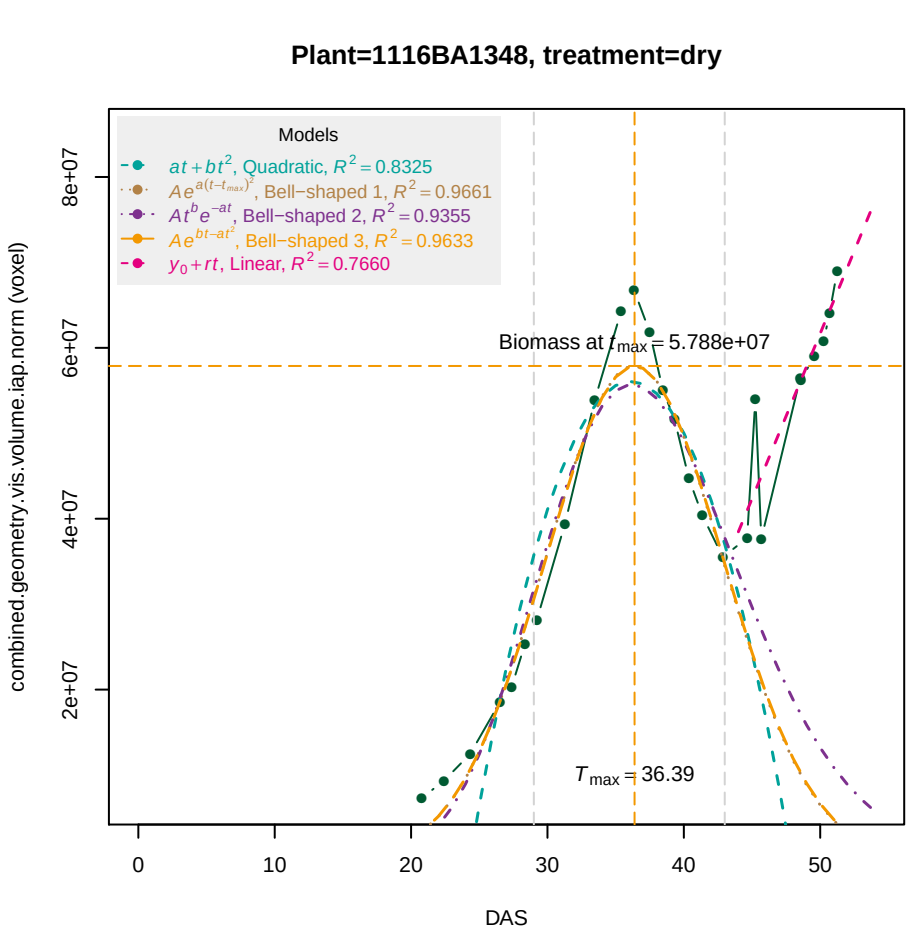

Plant=1116BA1215, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5238$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6871$
At^be^{-at}, Bell−shaped 2, $R^2=0.7235$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6613$
y_0+rt, Linear, $R^2=0.9466$
Biomass at t_{max} = 7.621e+07
T_{max} = 33.47
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
2.0e+08
0
10
20
30
40
50
DAS

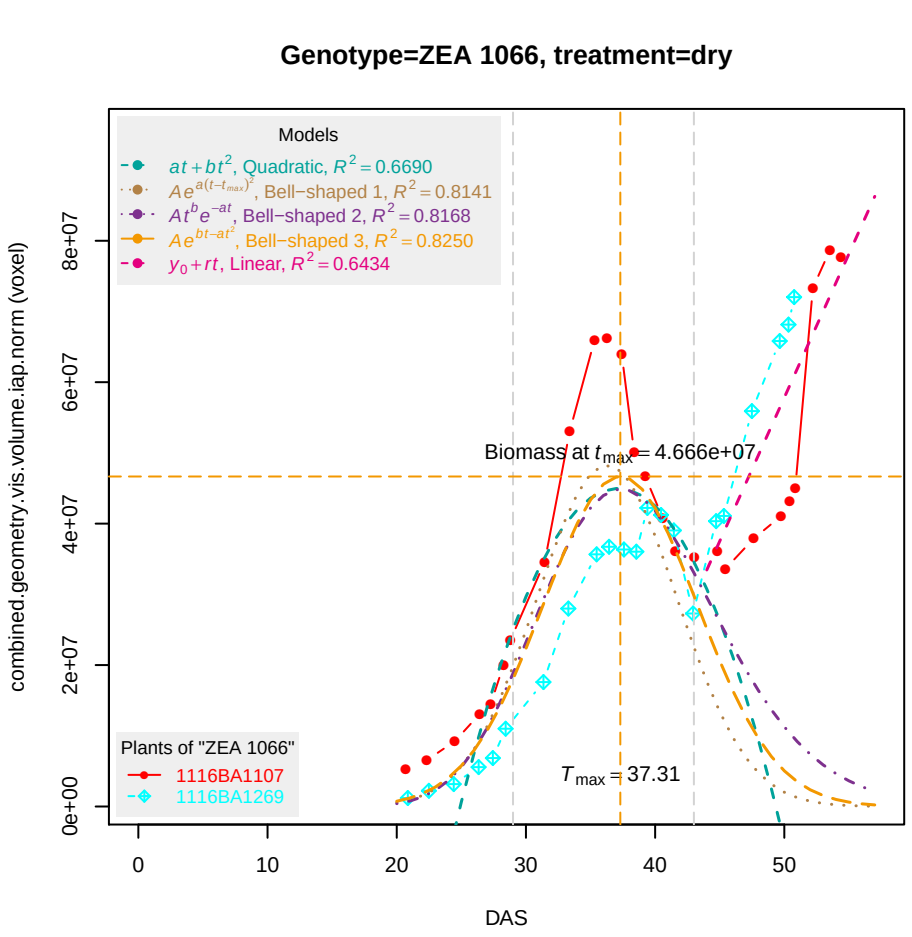

Plant=1116BA1316, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5360$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6454$
At^be^{-at}, Bell−shaped 2, $R^2=0.7407$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6639$
y_0+rt, Linear, $R^2=0.8463$
Biomass at t_{max} = 6.572e+07
T_{max} = 32.87
combined.geometry.vis.volume.iap.norm (voxel)
2e+07
4e+07
6e+07
8e+07
1e+08
0
10
20
30
40
50
DAS

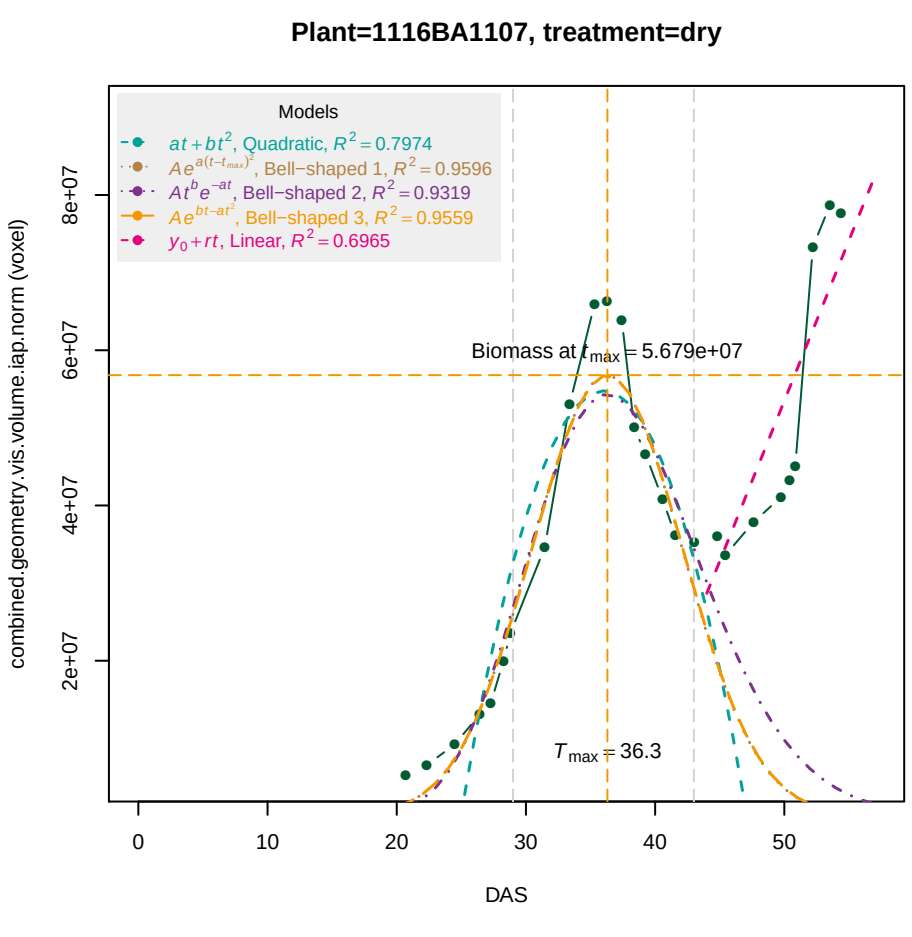

Plant=1116BA1370, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5975$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7147$
At^be^{-at}, Bell−shaped 2, $R^2=0.7830$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6979$
y_0+rt, Linear, $R^2=0.7848$
Biomass at t_{max} = 7.751e+07
T_{max} = 33.24
combined.geometry.vis.volume.iap.norm (voxel)
2e+07
4e+07
6e+07
8e+07
1e+08
0
10
20
30
40
50
DAS

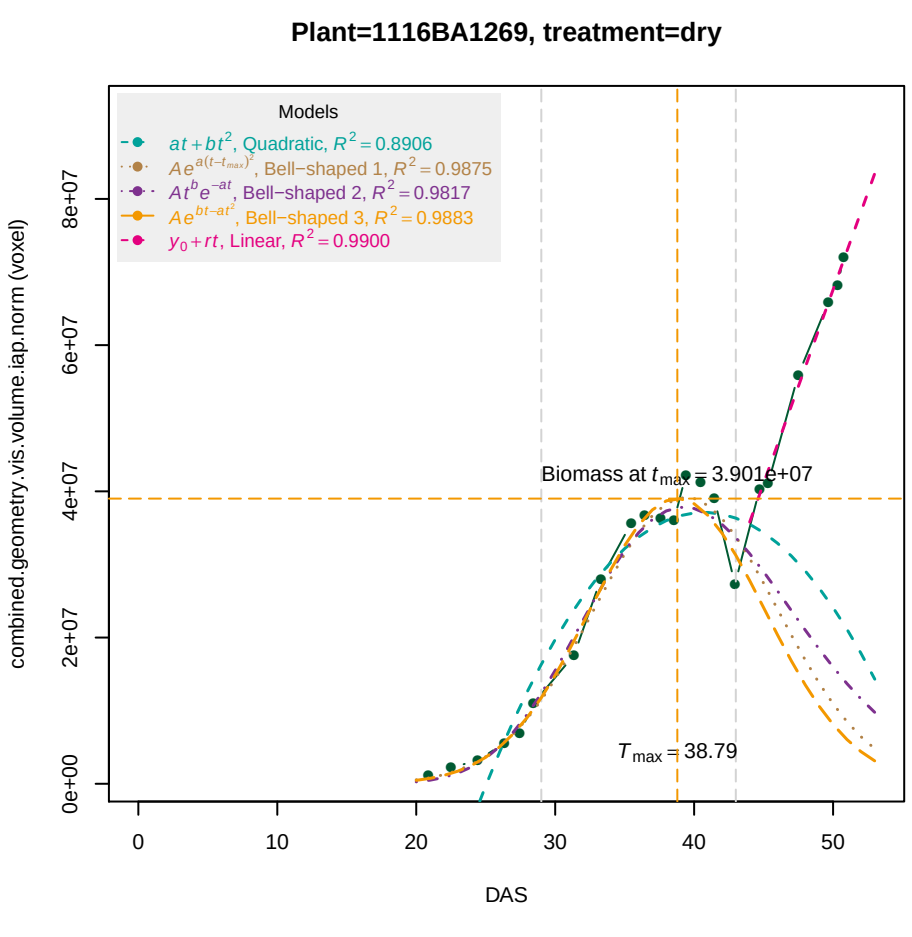

Genotype=ZEA 1008, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8101$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.3310$
At^be^{-at}, Bell−shaped 2, $R^2=0.9095$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9280$
y_0+rt, Linear, $R^2=0.8286$
Biomass at t_{max} = 6.06e+07
T_{max} = 35.74
Plants of "ZEA 1008"
1116BA1234
1116BA1348
combined.geometry.vis.volume.iap.norm (voxel)
2e+07
4e+07
6e+07
8e+07
0
10
20
30
40
50
DAS

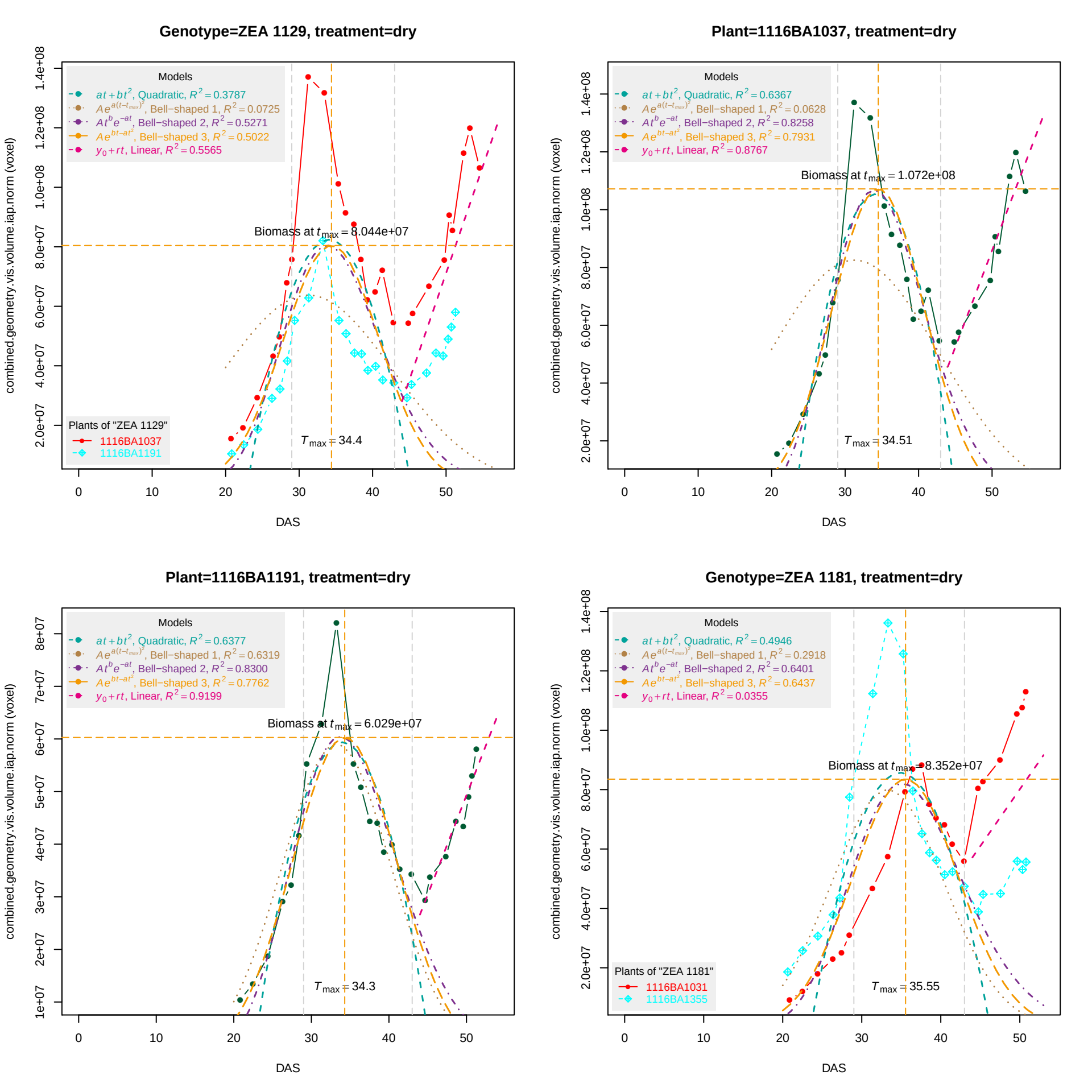

Plant=1116BA1234, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8229$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.4622$
At^be^{-at}, Bell−shaped 2, $R^2=0.9356$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9441$
y_0+rt, Linear, $R^2=0.9403$
Biomass at t_{max} = 6.403e+07
T_{max} = 35.19
combined.geometry.vis.volume.iap.norm (voxel)
2e+07
4e+07
6e+07
8e+07
1e+08
0
10
20
30
40
50
DAS

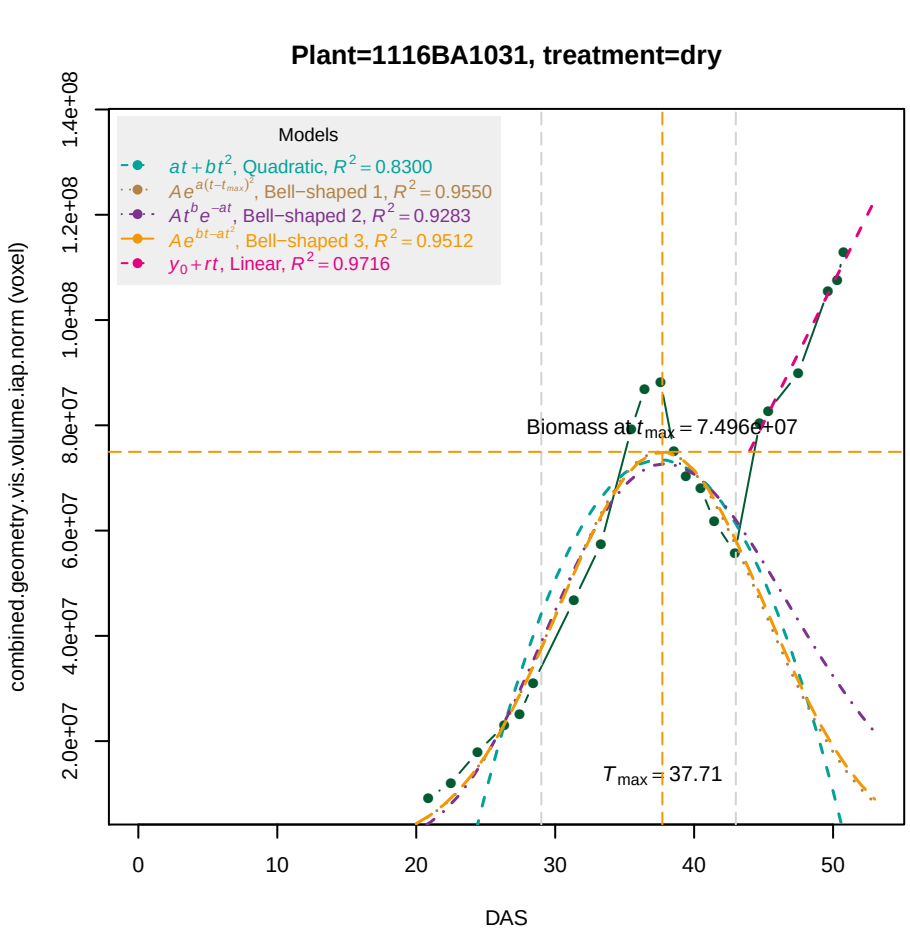

Plant=1116BA1348, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8325$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9661$
At^be^{-at}, Bell−shaped 2, $R^2=0.9355$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9633$
y_0+rt, Linear, $R^2=0.7660$
Biomass at t_{max} = 5.788e+07
T_{max} = 36.39
combined.geometry.vis.volume.iap.norm (voxel)
DAS

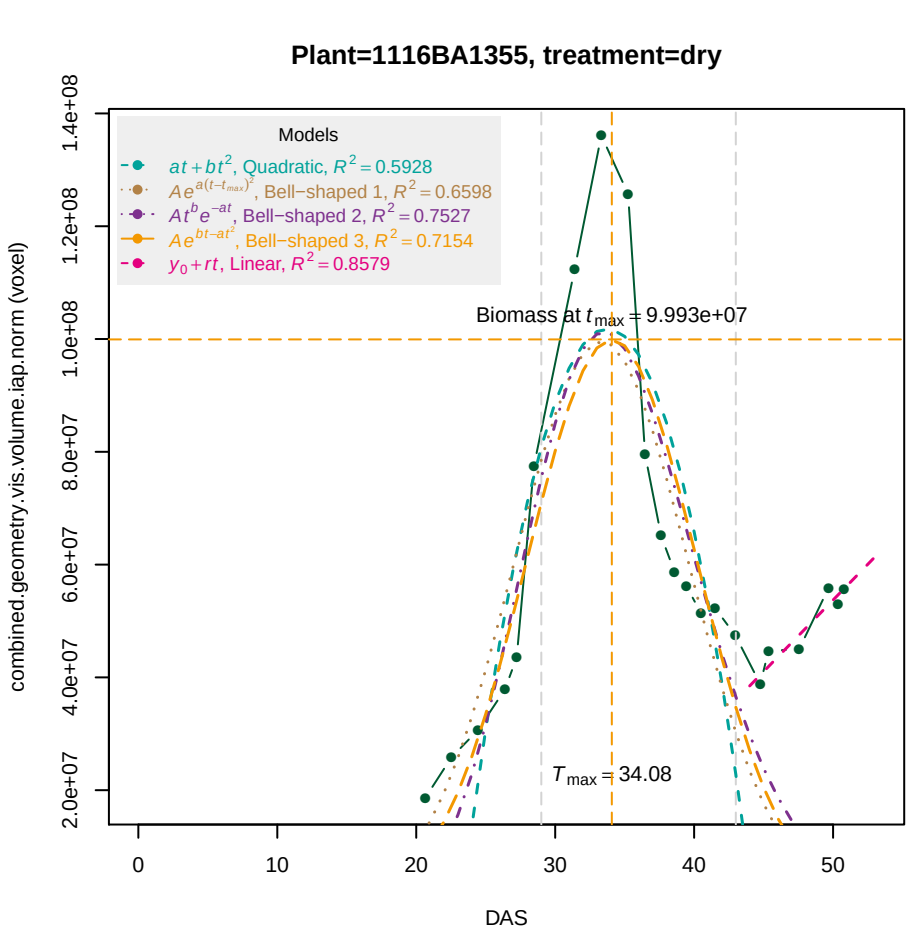

Genotype=ZEA 1066, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6690$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8141$
At^be^{-at}, Bell−shaped 2, $R^2=0.8168$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8250$
y_0+rt, Linear, $R^2=0.6434$
Biomass at t_{max} = 4.666e+07
T_{max} = 37.31
Plants of "ZEA 1066"
1116BA1107
1116BA1269
combined.geometry.vis.volume.iap.norm (voxel)
DAS

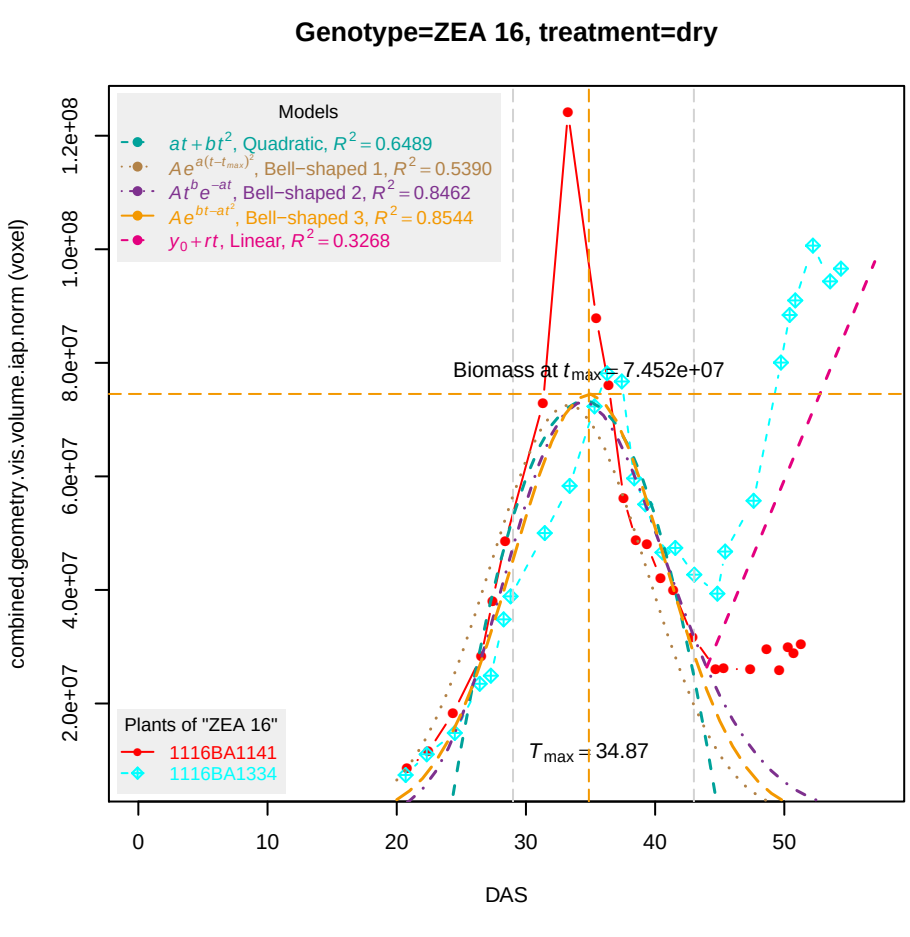

Plant=1116BA1107, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7974$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9596$
At^be^{-at}, Bell−shaped 2, $R^2=0.9319$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9559$
y_0+rt, Linear, $R^2=0.6965$
Biomass at t_{max} = 5.679e+07
T_{max} = 36.3
combined.geometry.vis.volume.iap.norm (voxel)
DAS

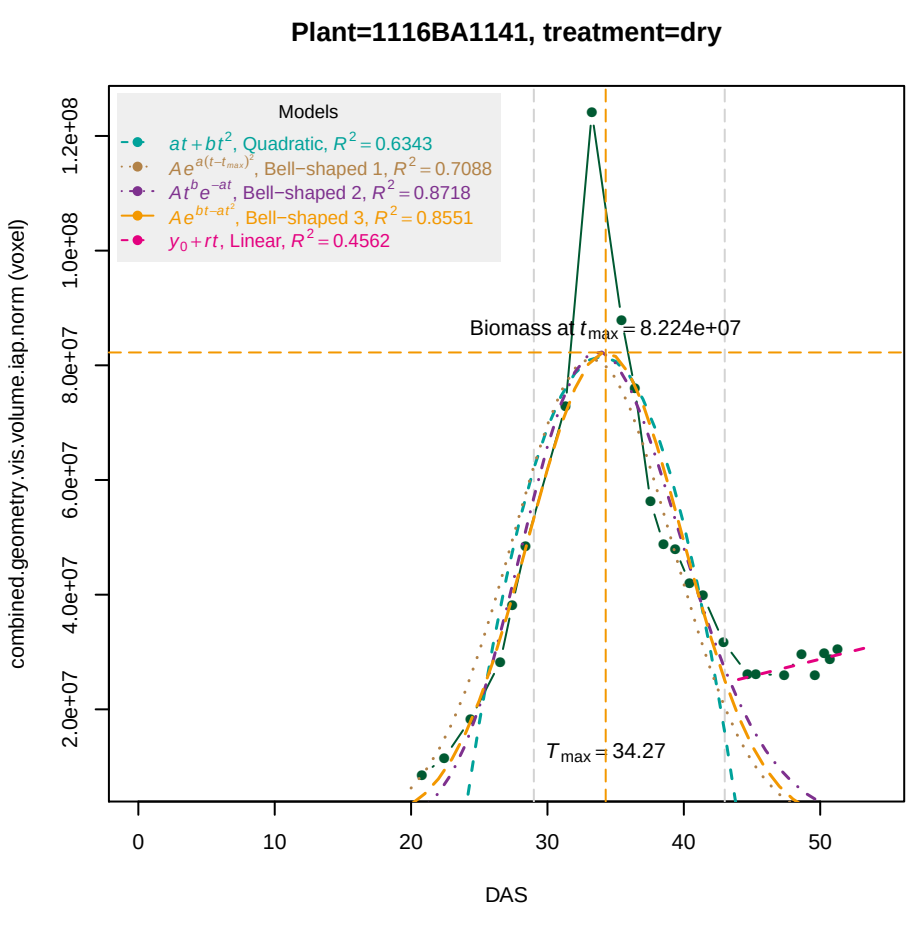

Plant=1116BA1269, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8906$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9875$
At^be^{-at}, Bell−shaped 2, $R^2=0.9817$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9883$
y_0+rt, Linear, $R^2=0.9900$
Biomass at t_{max} = 3.901e+07
T_{max} = 38.79
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Genotype=ZEA 1129, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.3787$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.0725$
At^be^{-at}, Bell−shaped 2, $R^2=0.5271$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.5022$
y_0+rt, Linear, $R^2=0.5565$
Biomass at t_{max} = 8.044e+07
T_{max} = 34.4
Plants of "ZEA 1129"
1116BA1037
1116BA1191
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Plant=1116BA1037, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6367$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.0628$
At^be^{-at}, Bell−shaped 2, $R^2=0.8258$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7931$
y_0+rt, Linear, $R^2=0.8767$
Biomass at t_{max} = 1.072e+08
T_{max} = 34.51
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Plant=1116BA1191, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6377$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6319$
At^be^{-at}, Bell−shaped 2, $R^2=0.8300$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7762$
y_0+rt, Linear, $R^2=0.9199$
Biomass at t_{max} = 6.029e+07
T_{max} = 34.3
combined.geometry.vis.volume.iap.norm (voxel)
DAS
Genotype=ZEA 1181, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.4946$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.2918$
At^be^{-at}, Bell−shaped 2, $R^2=0.6401$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6437$
y_0+rt, Linear, $R^2=0.0355$
Biomass at t_{max} = 8.352e+07
T_{max} = 35.55
Plants of "ZEA 1181"
1116BA1031
1116BA1355
combined.geometry.vis.volume.iap.norm (voxel)
DAS

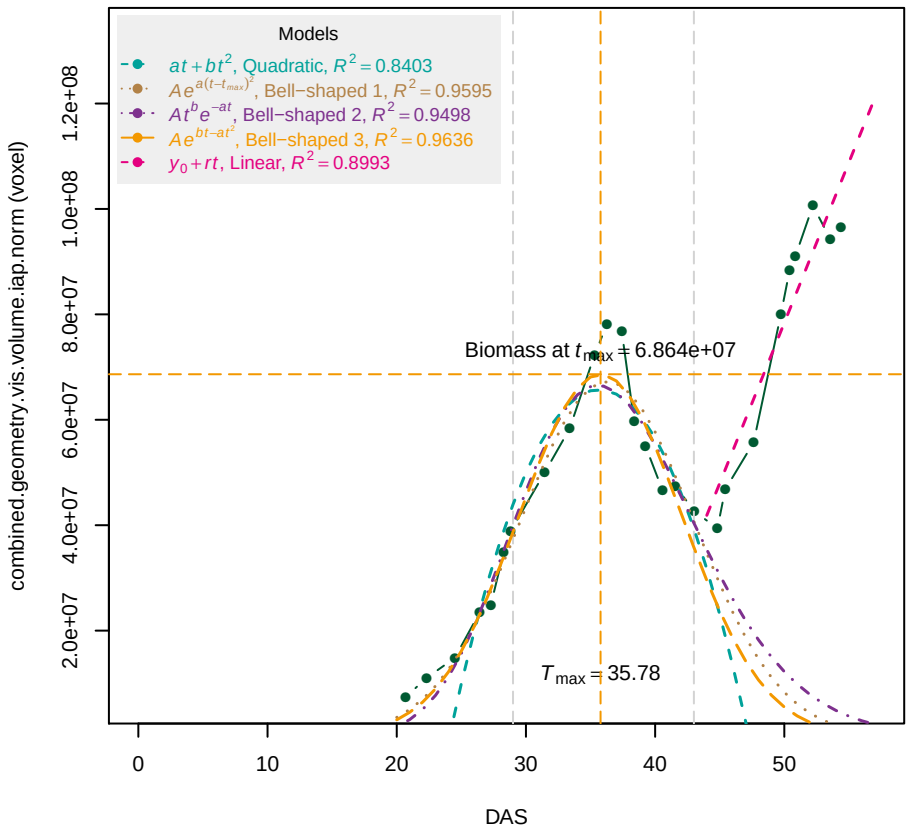

Plant=1116BA1031, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8300$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9550$
At^be^{-at}, Bell−shaped 2, $R^2=0.9283$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9512$
y_0+rt, Linear, $R^2=0.9716$
Biomass at t_{max} = 7.496e+07
T_{max} = 37.71
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1355, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5928$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6598$
At^be^{-at}, Bell−shaped 2, $R^2=0.7527$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7154$
y_0+rt, Linear, $R^2=0.8579$
Biomass at t_{max} = 9.993e+07
T_{max} = 34.08
combined.geometry.vis.volume.iap.norm (voxel)
DAS

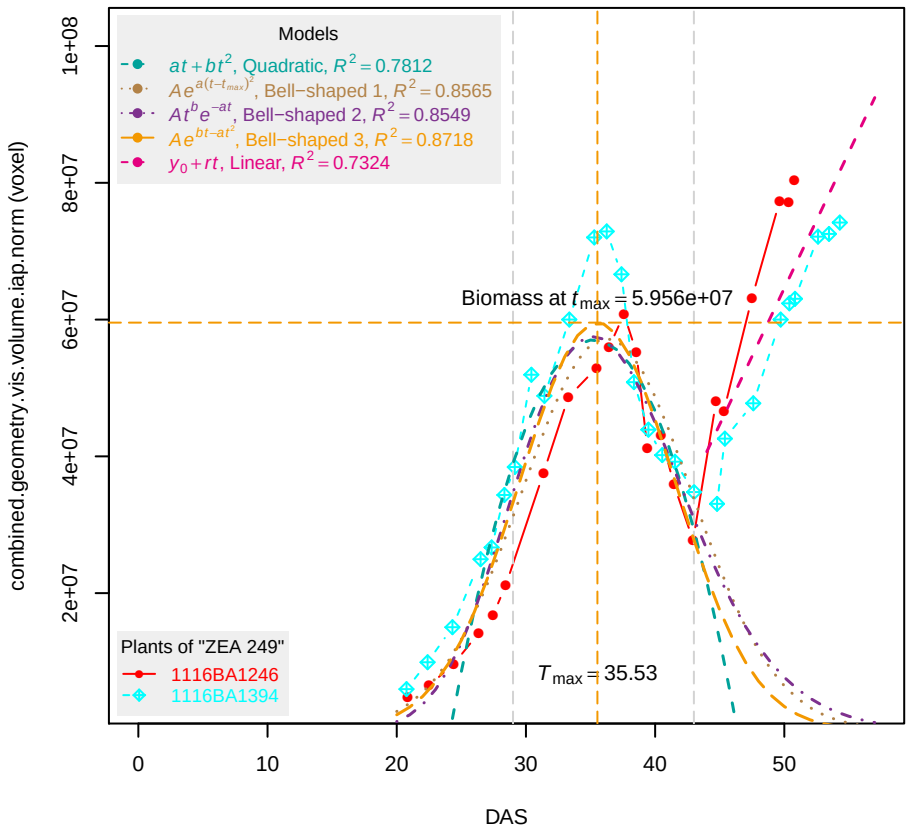

Genotype=ZEA 16, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6489$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.5390$
At^be^{-at}, Bell−shaped 2, $R^2=0.8462$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8544$
y_0+rt, Linear, $R^2=0.3268$
Biomass at t_{max} = 7.452e+07
T_{max} = 34.87
Plants of "ZEA 16"
1116BA1141
1116BA1334
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1141, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6343$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7088$
At^be^{-at}, Bell−shaped 2, $R^2=0.8718$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8551$
y_0+rt, Linear, $R^2=0.4562$
Biomass at t_{max} = 8.224e+07
T_{max} = 34.27
combined.geometry.vis.volume.iap.norm (voxel)
DAS

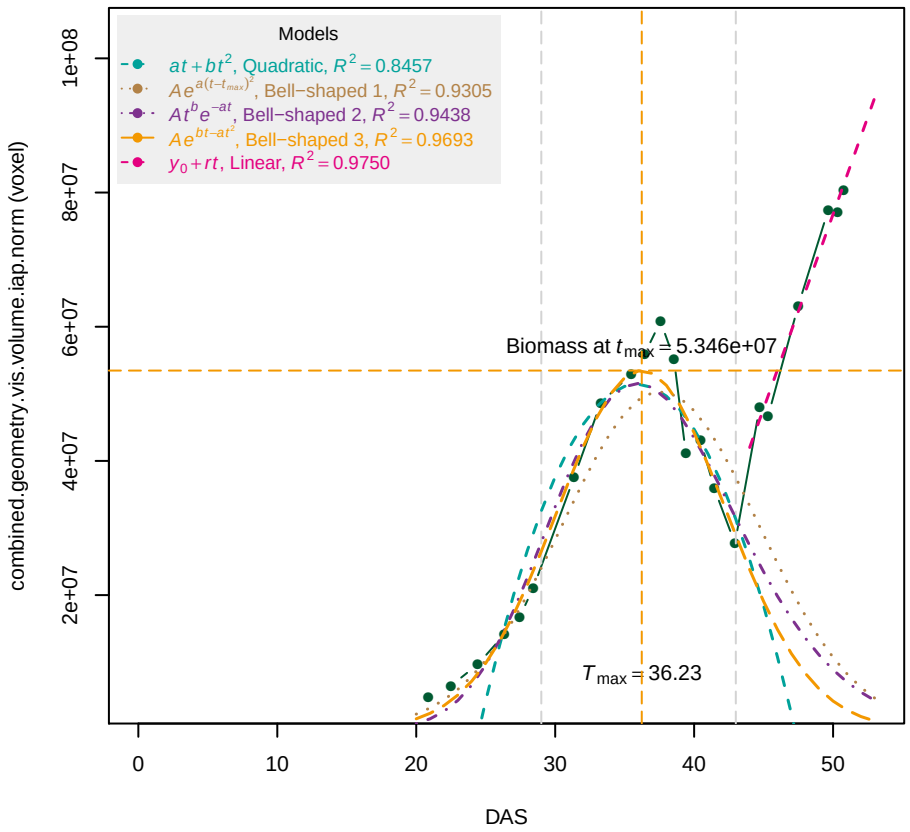
Plant=1116BA1334, treatment=dry



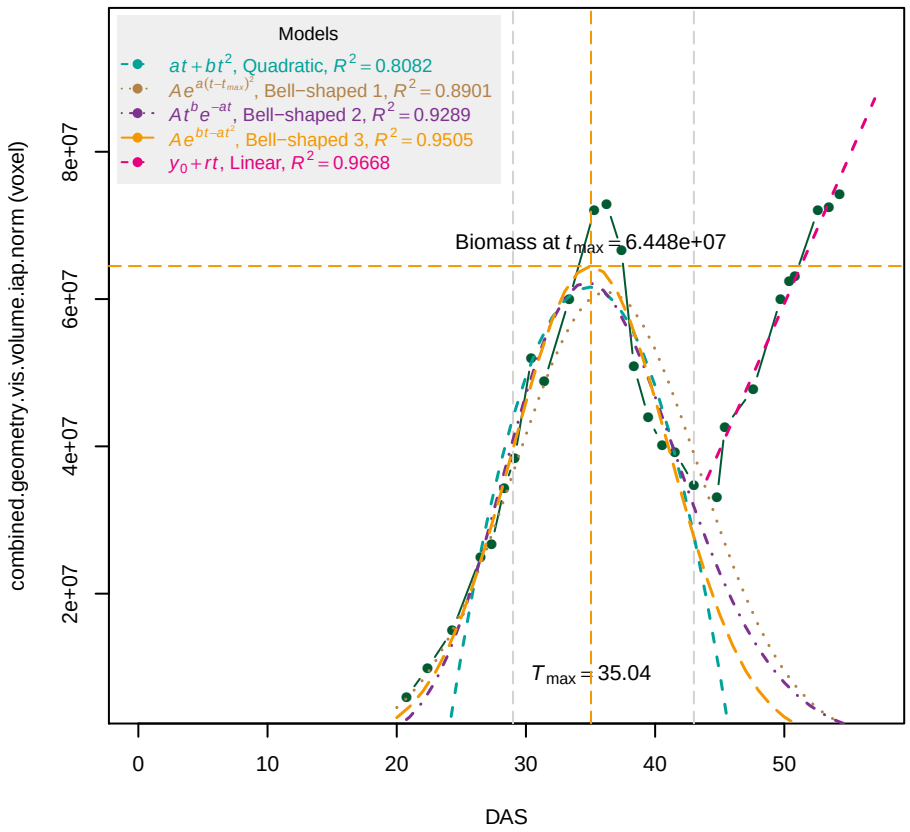
Genotype=ZEA 249, treatment=dry

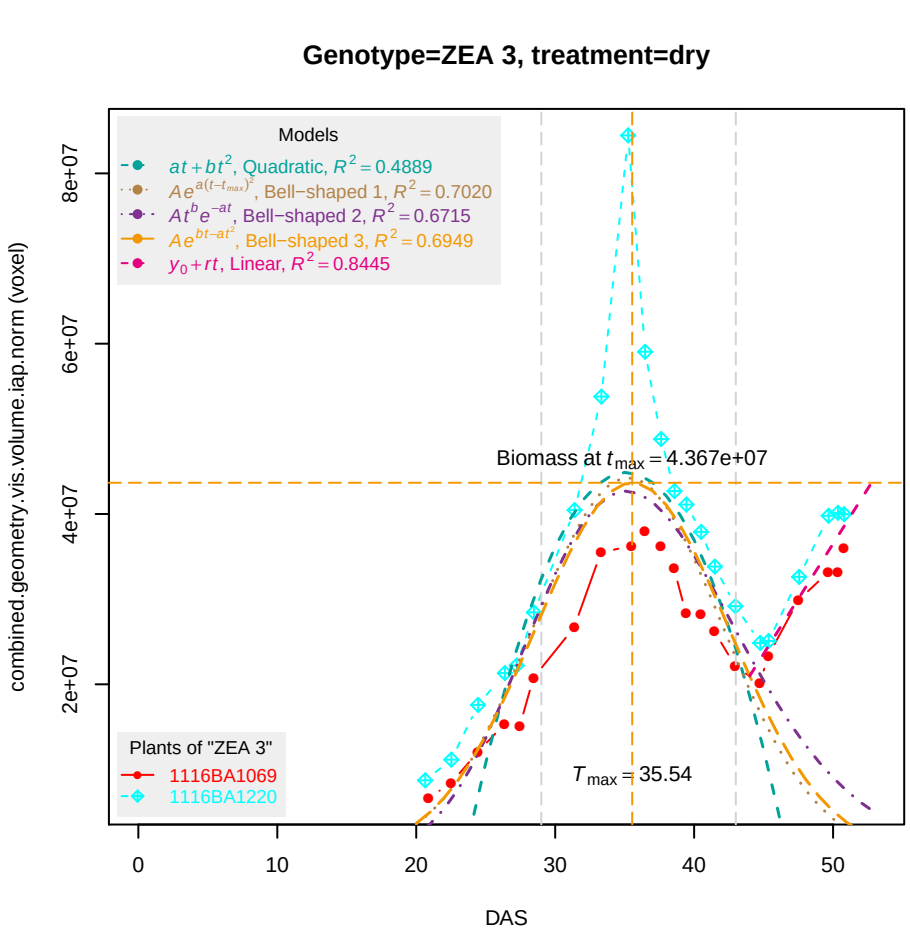


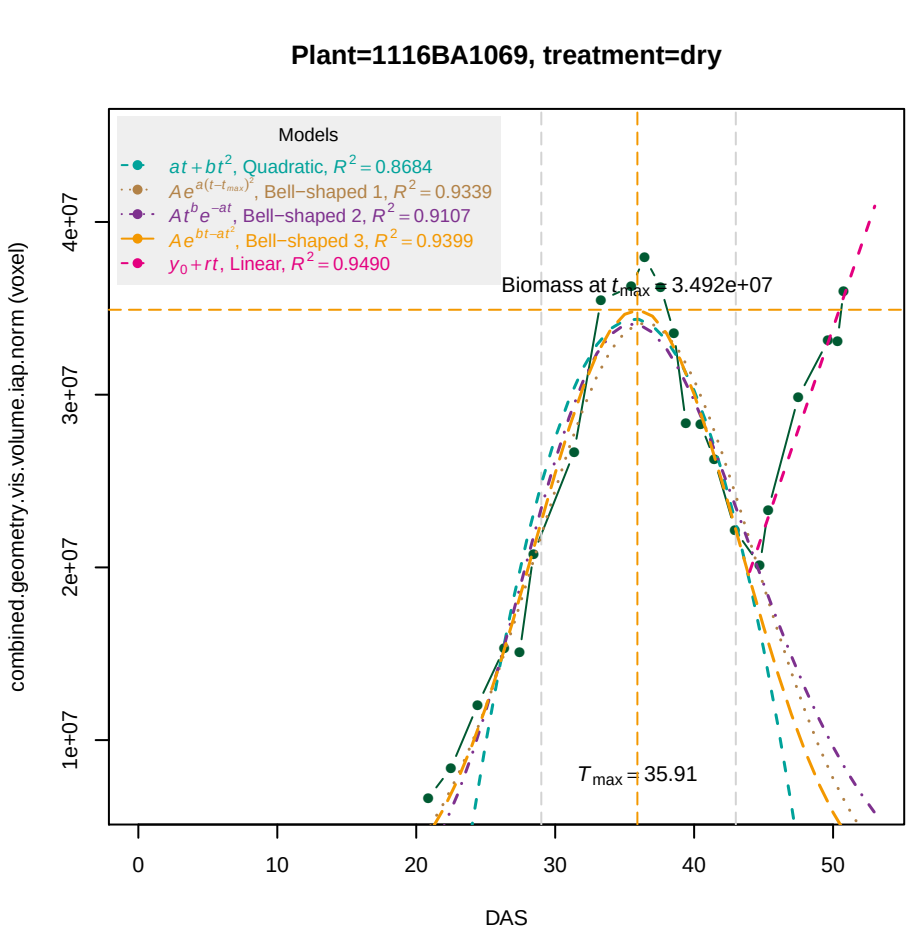
Plant=1116BA1246, treatment=dry

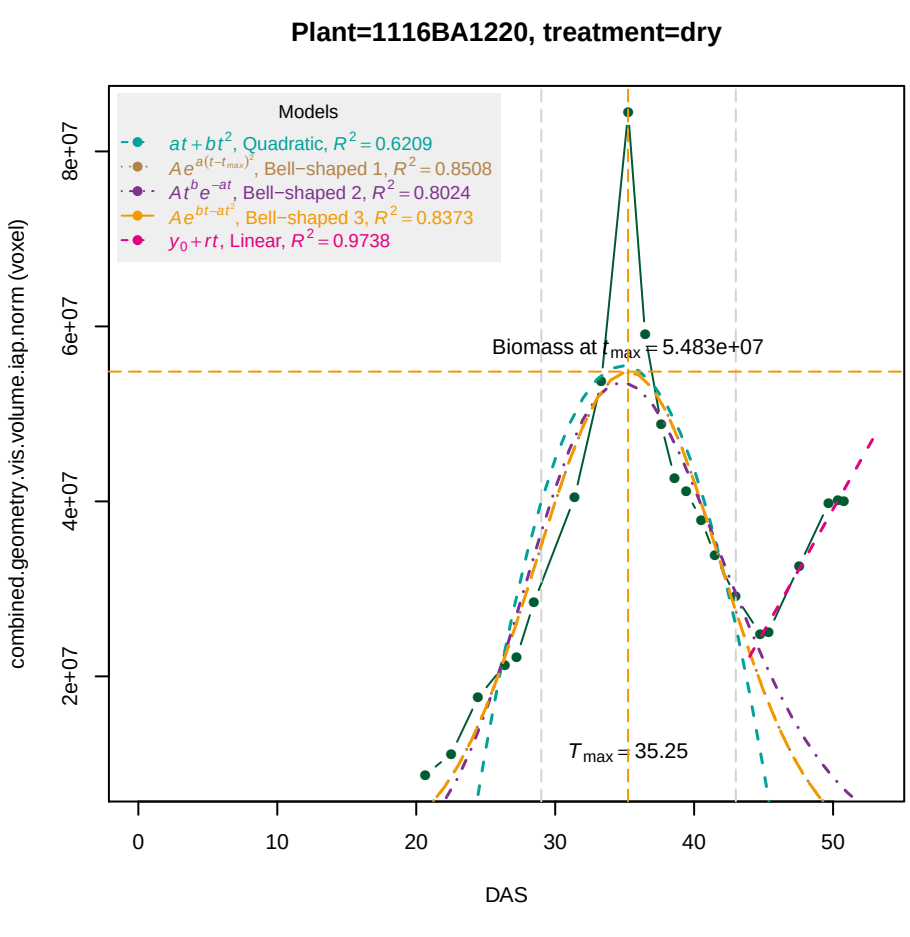


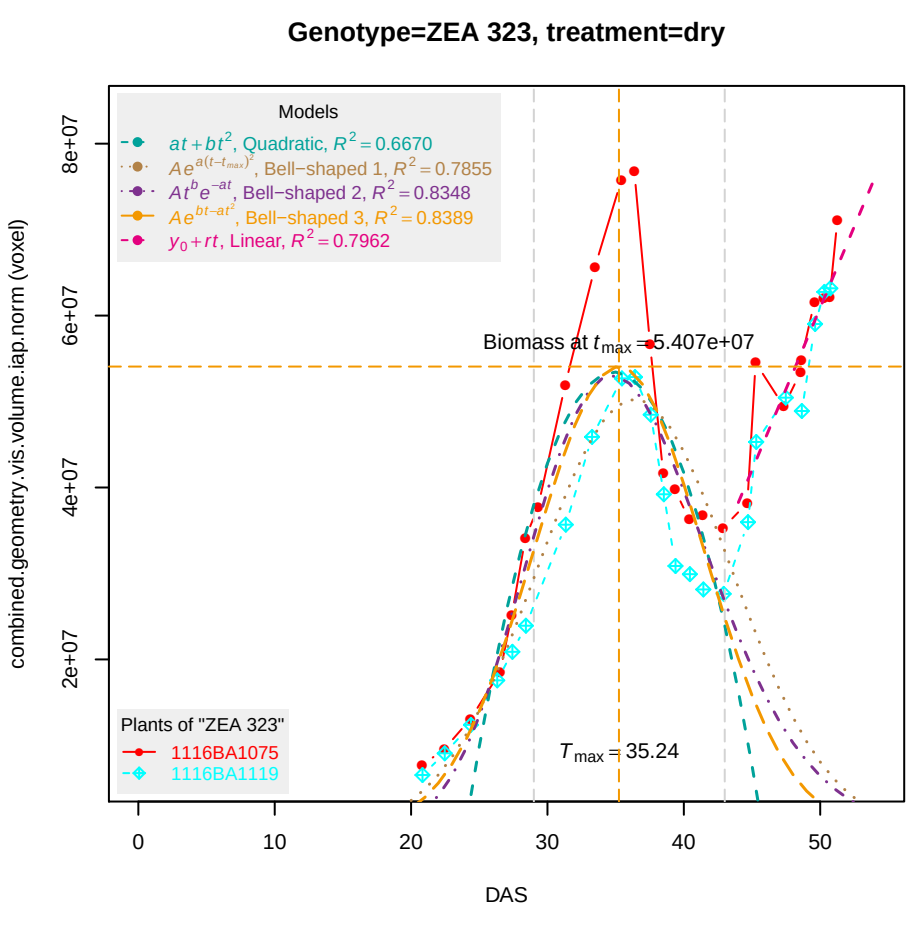
Plant=1116BA1394, treatment=dry

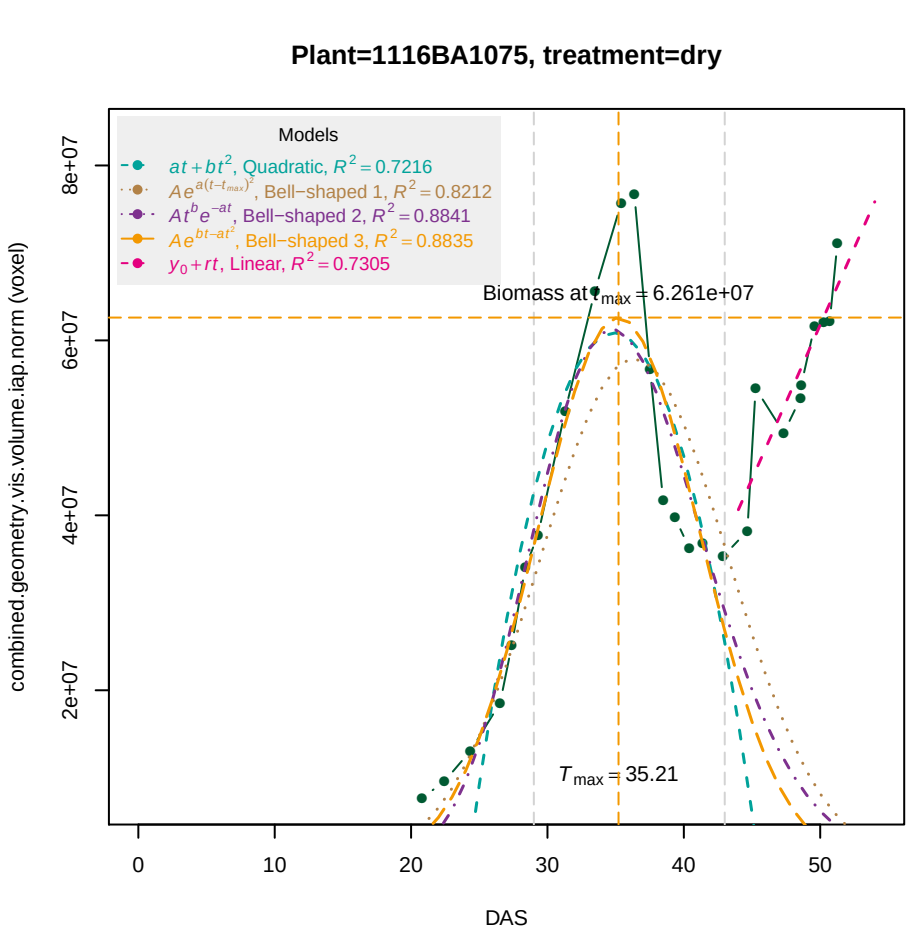


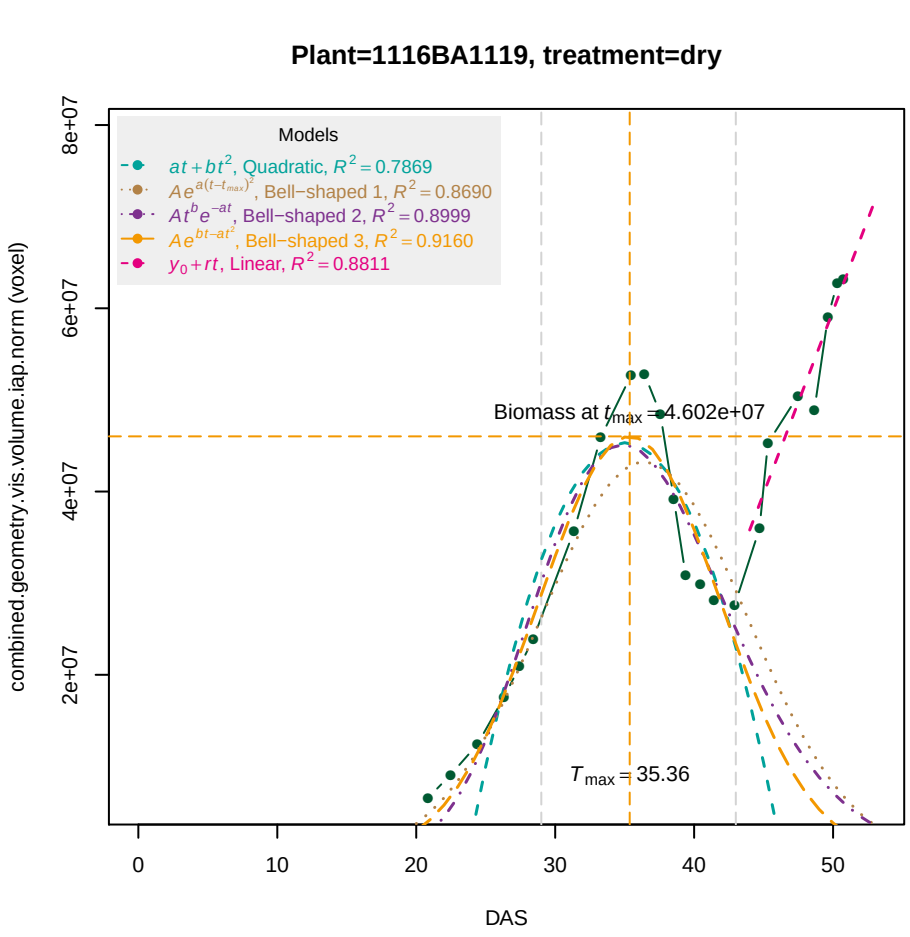

Genotype=ZEA 3, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.4889$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7020$
At^be^{-at}, Bell−shaped 2, $R^2=0.6715$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.6949$
y_0+rt, Linear, $R^2=0.8445$
Biomass at t_{max} = 4.367e+07
T_{max} = 35.54
Plants of "ZEA 3"
1116BA1069
1116BA1220
combined.geometry.vis.volume.iap.norm (voxel)
DAS

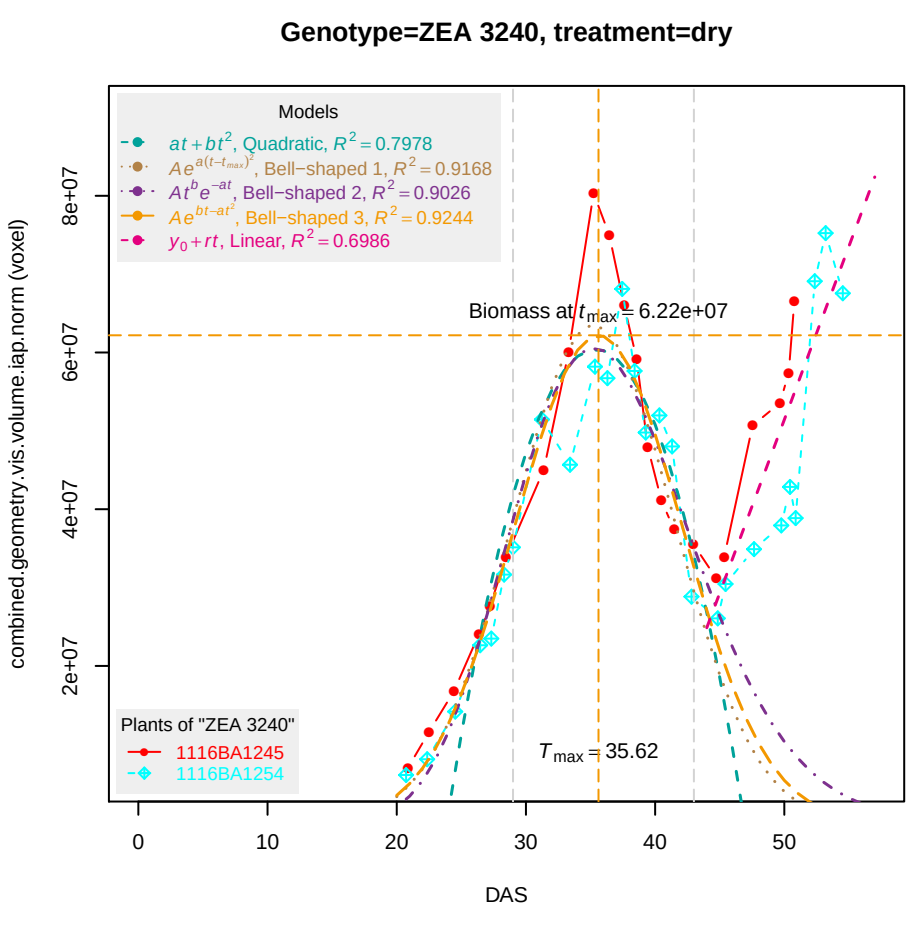

Plant=1116BA1069, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8684$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9339$
At^be^{-at}, Bell−shaped 2, $R^2=0.9107$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9399$
y_0+rt, Linear, $R^2=0.9490$
Biomass at t_{max} = 3.492e+07
T_{max} = 35.91
combined.geometry.vis.volume.iap.norm (voxel)
DAS

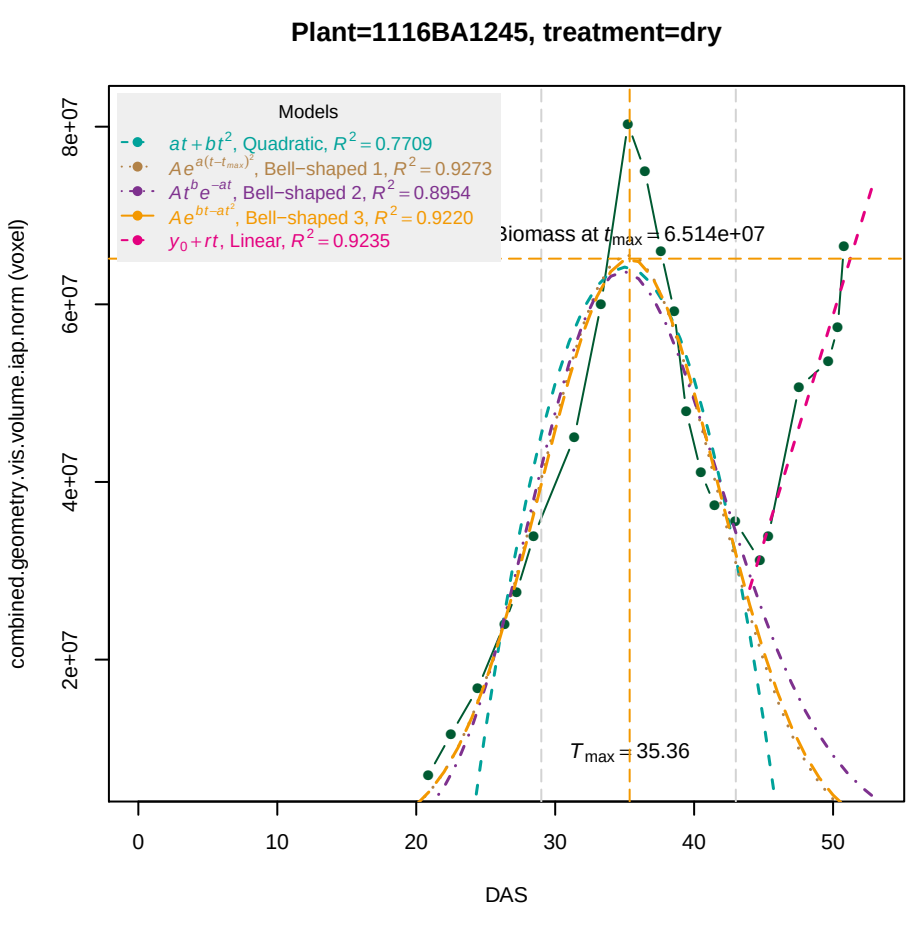

Plant=1116BA1220, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6209$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8508$
At^be^{-at}, Bell−shaped 2, $R^2=0.8024$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8373$
y_0+rt, Linear, $R^2=0.9738$
Biomass at t_{max} = 5.483e+07
T_{max} = 35.25
combined.geometry.vis.volume.iap.norm (voxel)
DAS

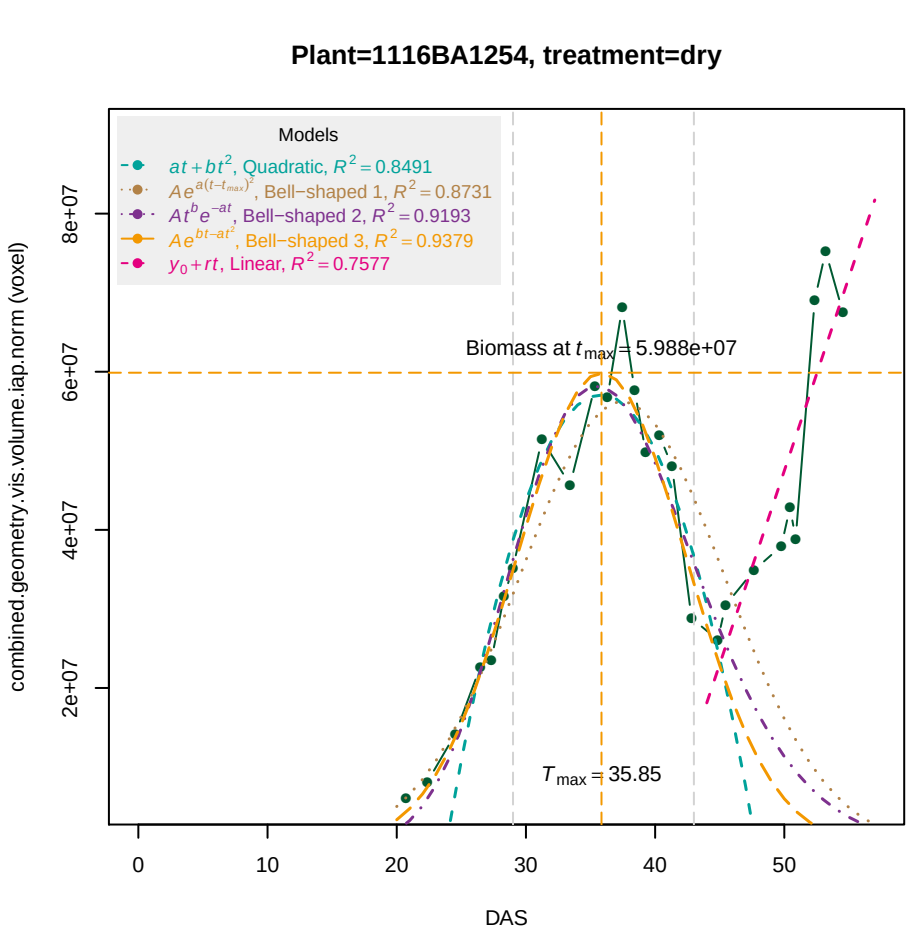

Genotype=ZEA 323, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6670$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7855$
At^be^{-at}, Bell−shaped 2, $R^2=0.8348$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8389$
y_0+rt, Linear, $R^2=0.7962$
Biomass at t_{max} = 5.407e+07
T_{max} = 35.24
Plants of "ZEA 323"
1116BA1075
1116BA1119
combined.geometry.vis.volume.iap.norm (voxel)
DAS

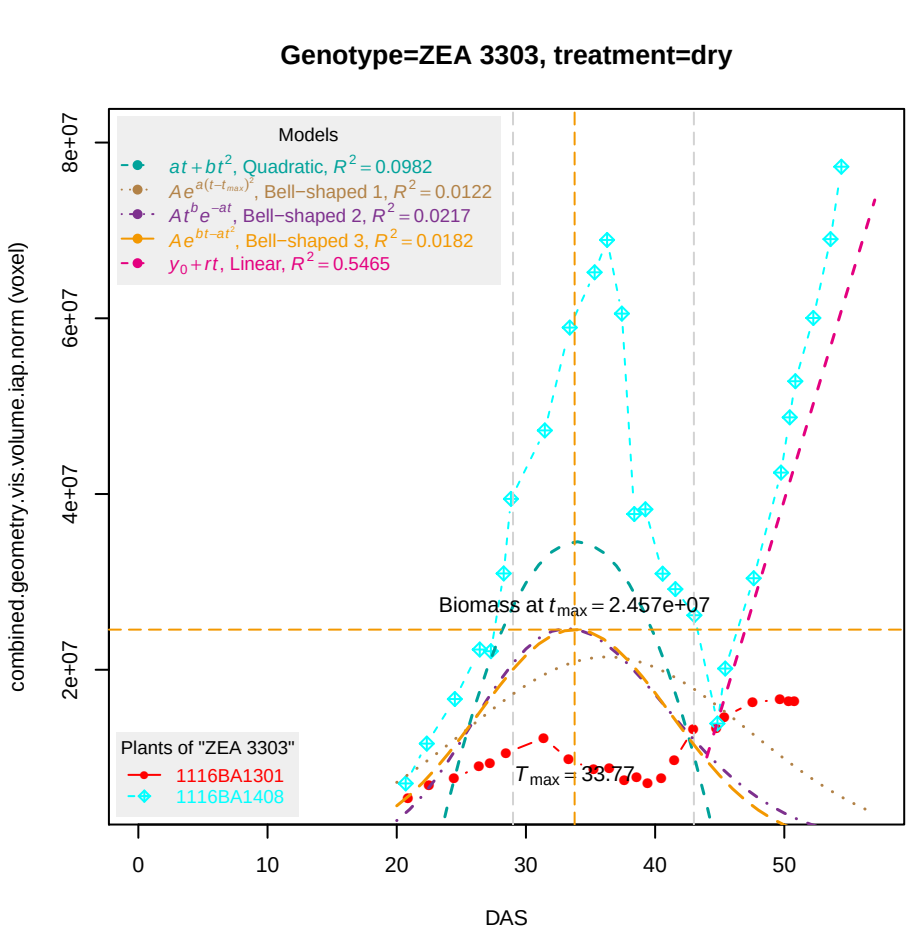

Plant=1116BA1075, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7216$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8212$
At^be^{-at}, Bell−shaped 2, $R^2=0.8841$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8835$
y_0+rt, Linear, $R^2=0.7305$
Biomass at t_{max} = 6.261e+07
T_{max} = 35.21
combined.geometry.vis.volume.iap.norm (voxel)
DAS

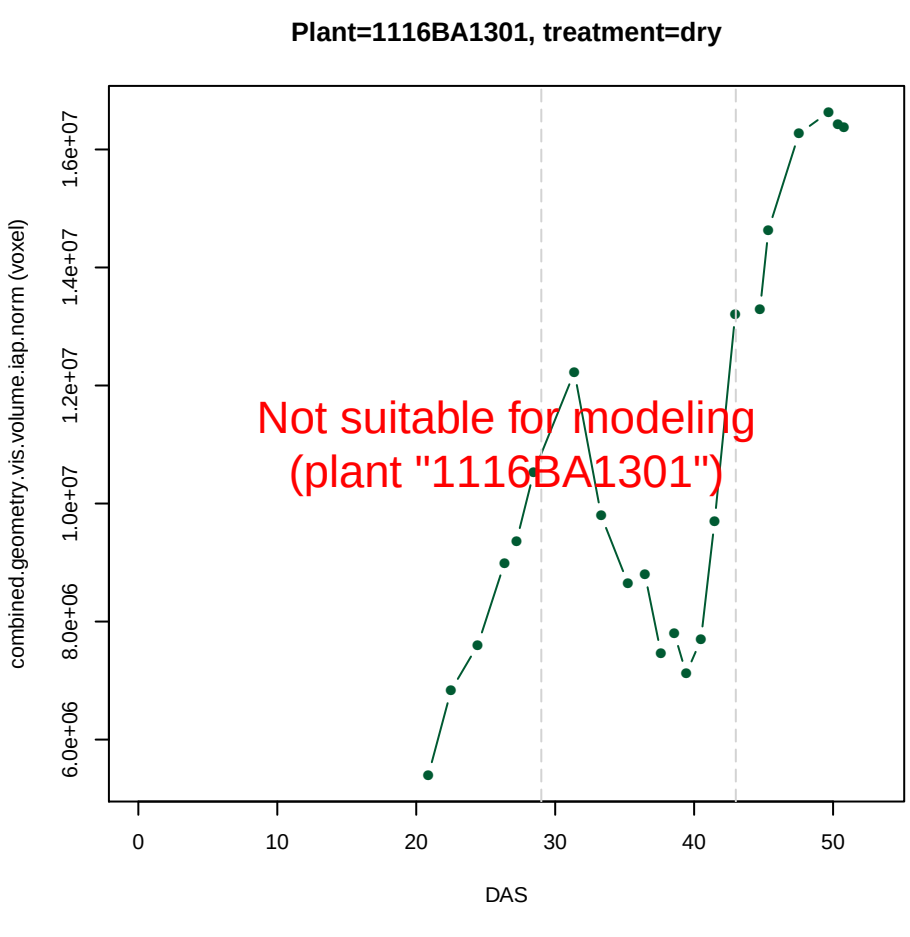

Plant=1116BA1119, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7869$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8690$
At^be^{-at}, Bell−shaped 2, $R^2=0.8999$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9160$
y_0+rt, Linear, $R^2=0.8811$
Biomass at t_{max} = 4.602e+07
T_{max} = 35.36
combined.geometry.vis.volume.iap.norm (voxel)
DAS

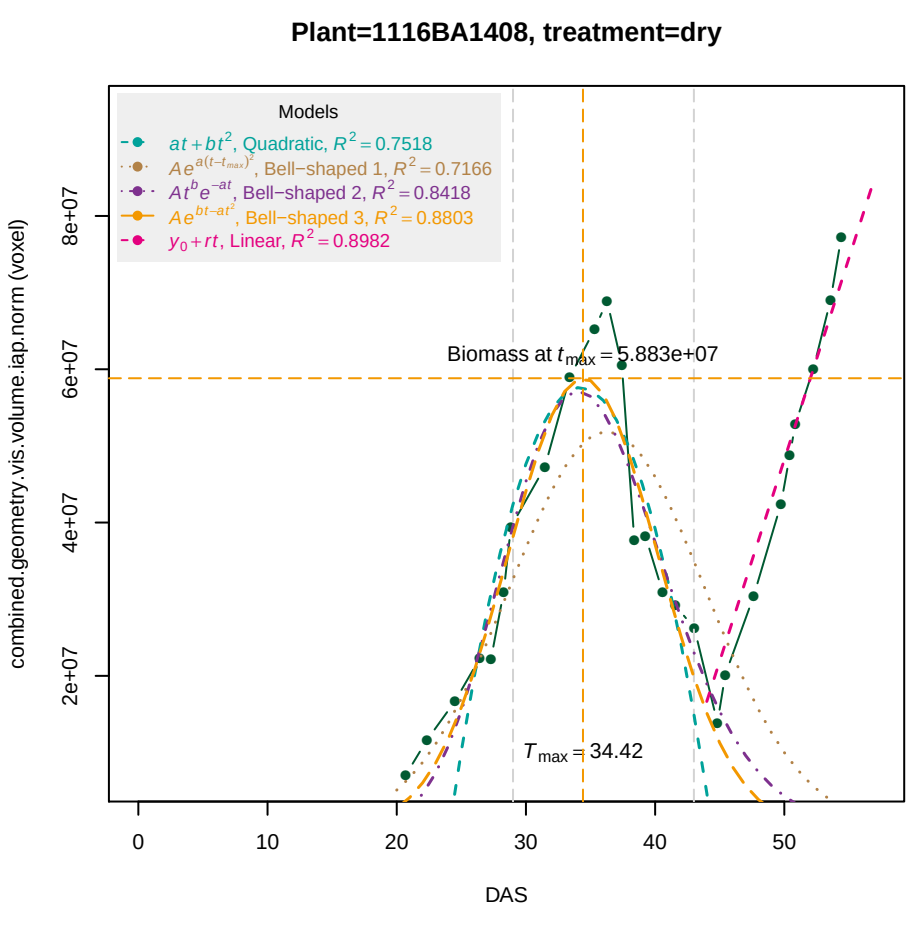

Genotype=ZEA 3240, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7978$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9168$
At^be^{-at}, Bell−shaped 2, $R^2=0.9026$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9244$
y_0+rt, Linear, $R^2=0.6986$
Biomass at t_{max} = 6.22e+07
Plants of "ZEA 3240"
1116BA1245
1116BA1254
T_{max} = 35.62
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1245, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7709$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9273$
At^be^{-at}, Bell−shaped 2, $R^2=0.8954$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9220$
y_0+rt, Linear, $R^2=0.9235$
Biomass at t_{max} = 6.514e+07
T_{max} = 35.36
combined.geometry.vis.volume.iap.norm (voxel)
DAS

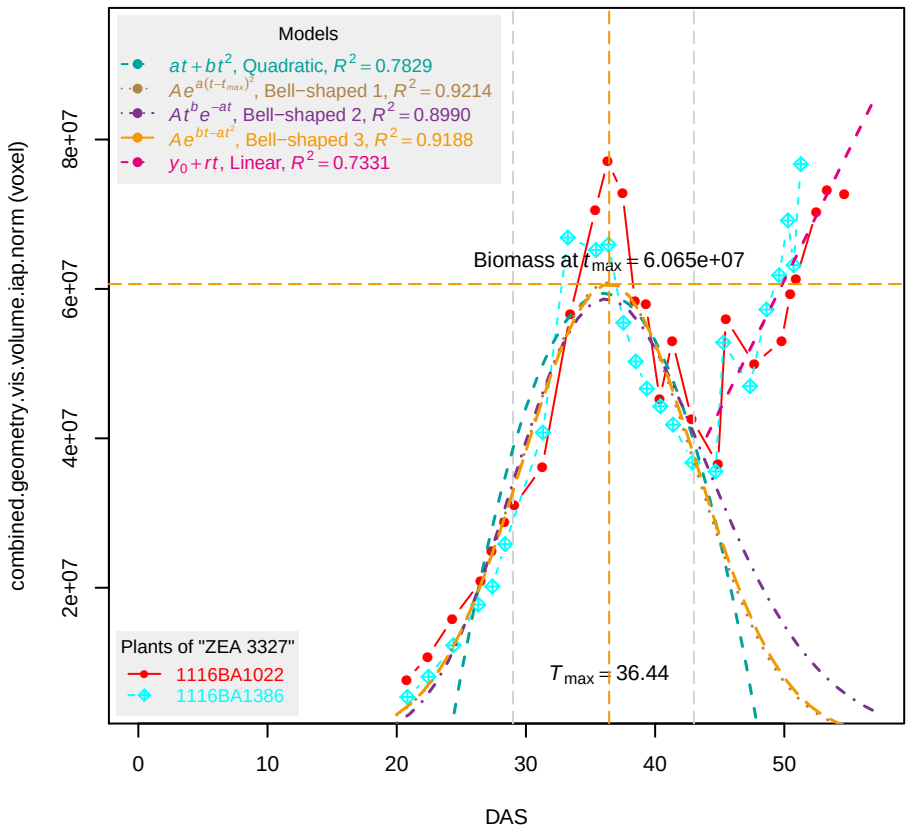

Plant=1116BA1254, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8491$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8731$
At^be^{-at}, Bell−shaped 2, $R^2=0.9193$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9379$
y_0+rt, Linear, $R^2=0.7577$
Biomass at t_{max} = 5.988e+07
T_{max} = 35.85
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Genotype=ZEA 3303, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.0982$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.0122$
At^be^{-at}, Bell−shaped 2, $R^2=0.0217$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.0182$
y_0+rt, Linear, $R^2=0.5465$
Biomass at t_{max} = 2.457e+07
T_{max} = 33.77
Plants of "ZEA 3303"
1116BA1301
1116BA1408
combined.geometry.vis.volume.iap.norm (voxel)
DAS

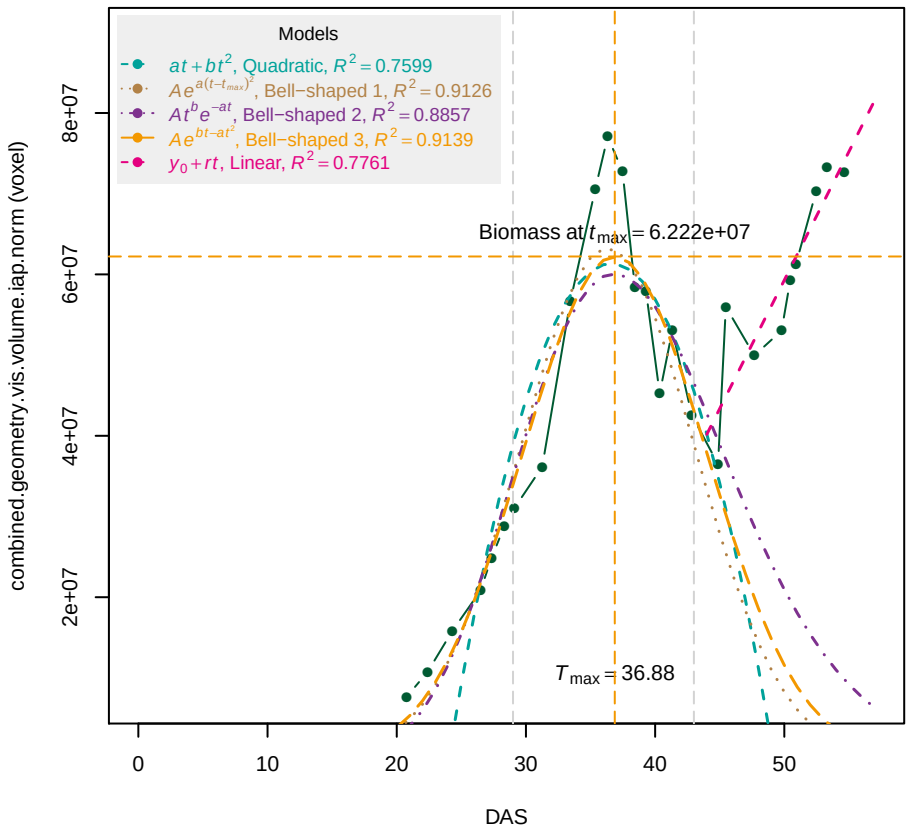

Plant=1116BA1301, treatment=dry
Not suitable for modeling
(plant "1116BA1301")
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1408, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7518$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7166$
At^be^{-at}, Bell−shaped 2, $R^2=0.8418$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8803$
y_0+rt, Linear, $R^2=0.8982$
Biomass at t_{max} = 5.883e+07
T_{max} = 34.42
combined.geometry.vis.volume.iap.norm (voxel)
DAS

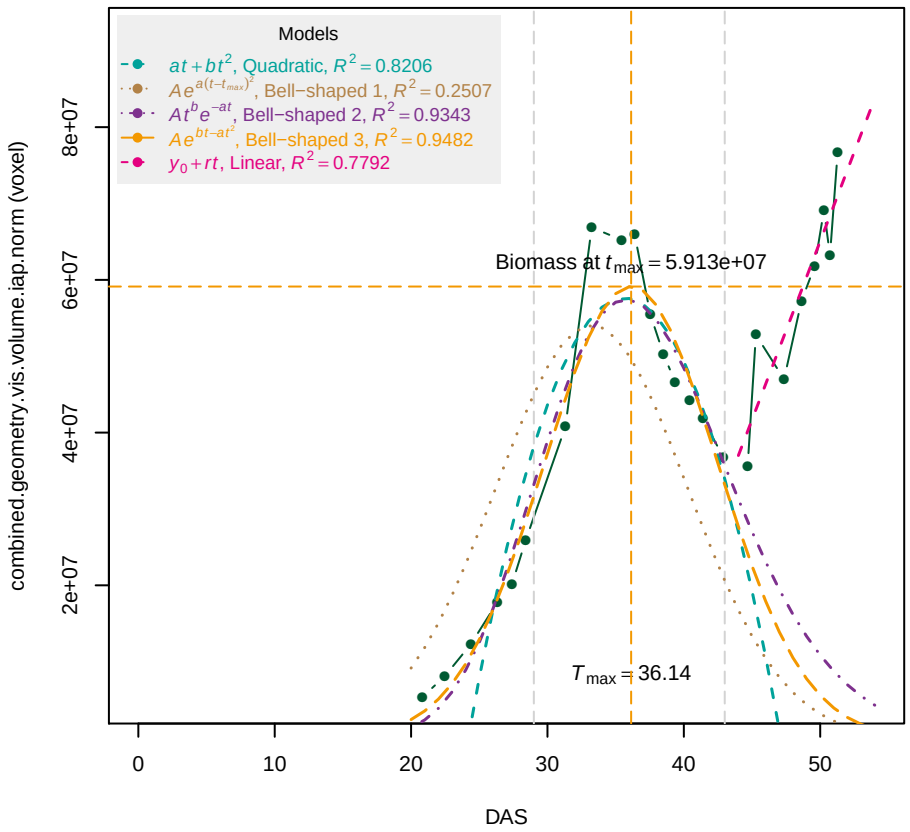
Genotype=ZEA 3327, treatment=dry



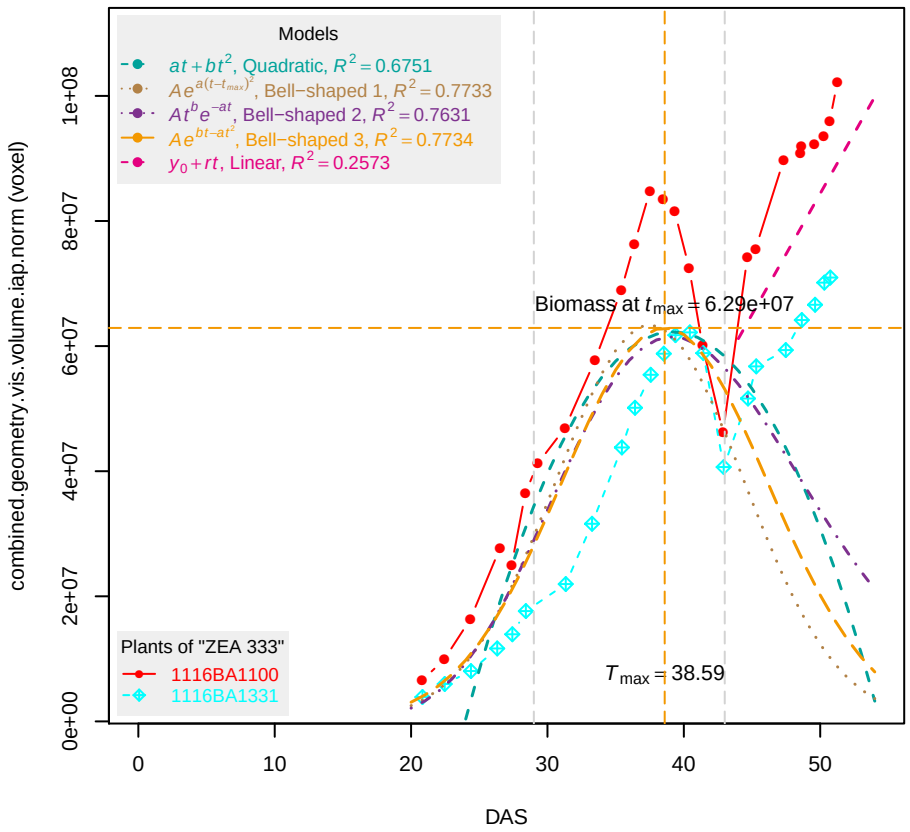
Plant=1116BA1022, treatment=dry

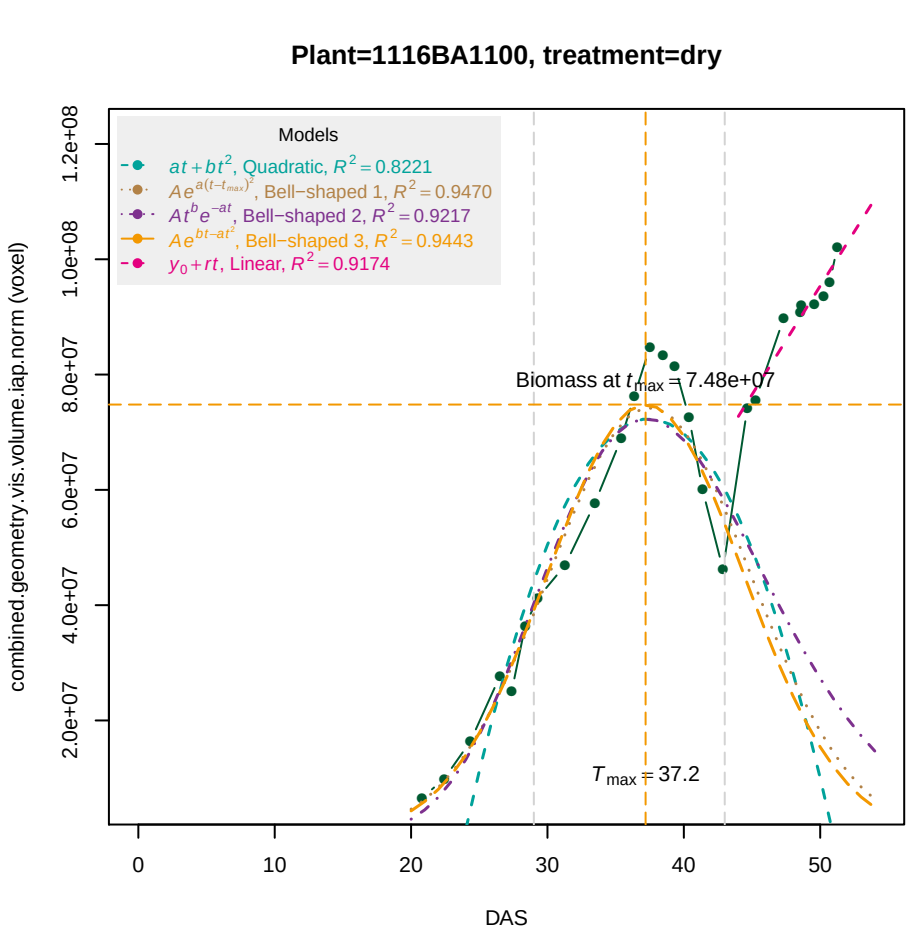


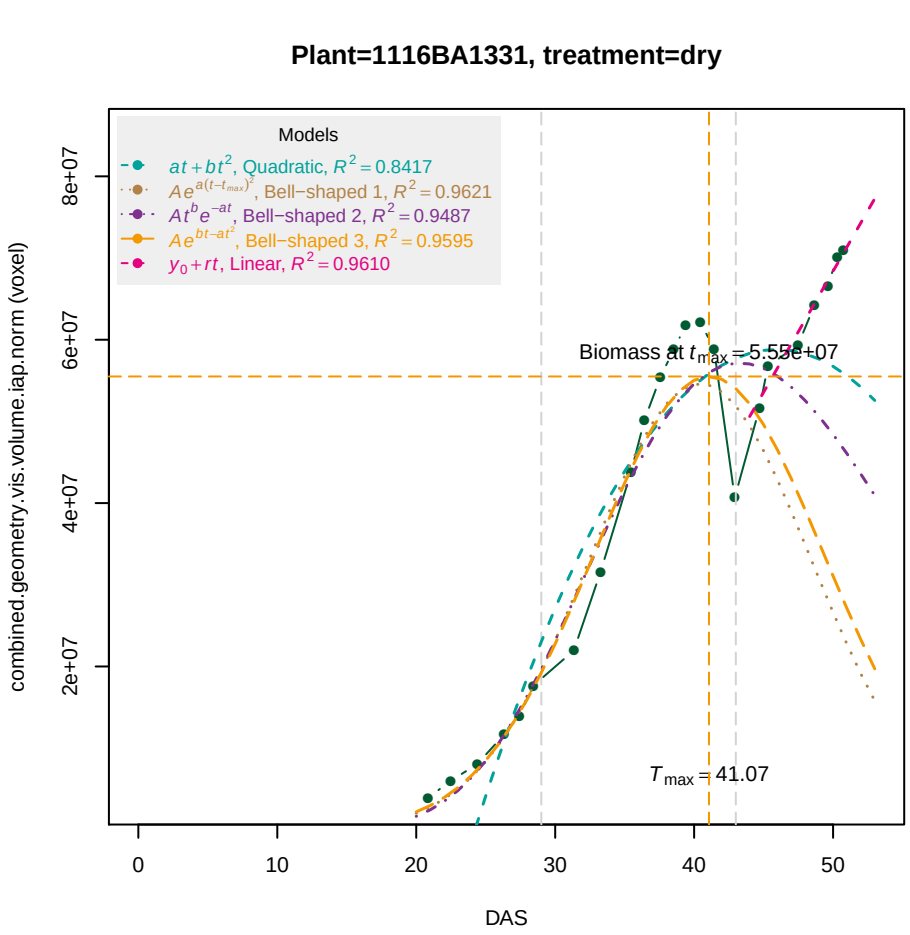
Plant=1116BA1386, treatment=dry

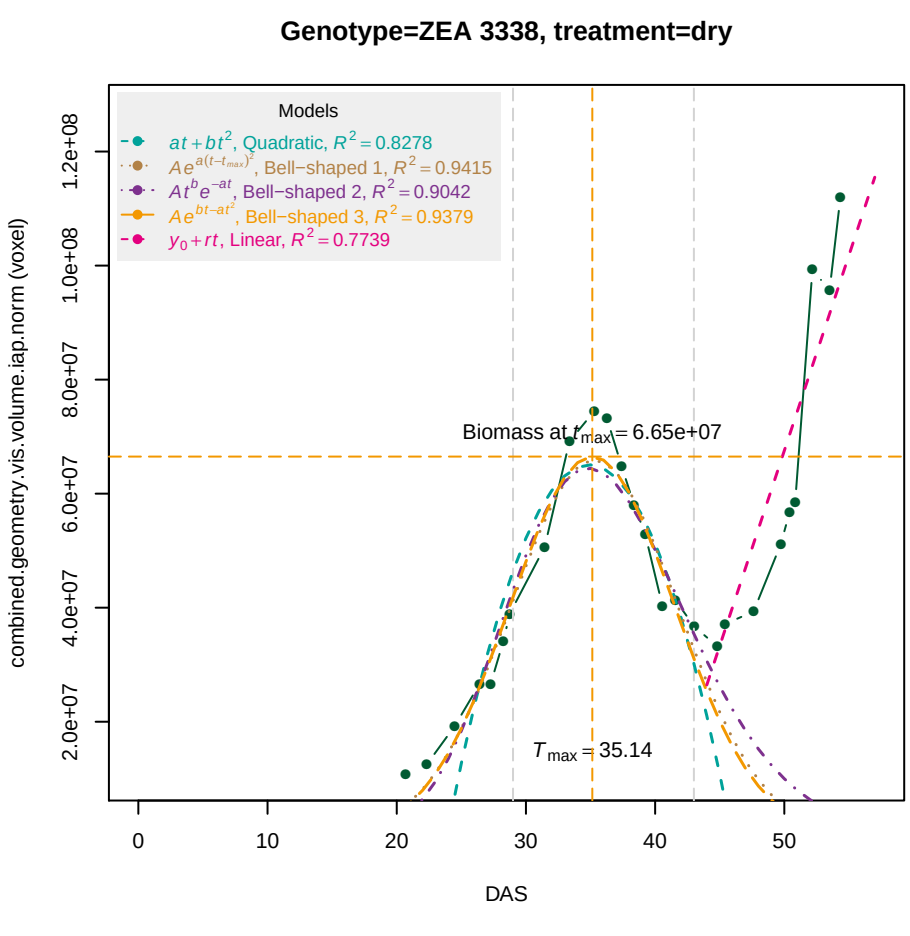


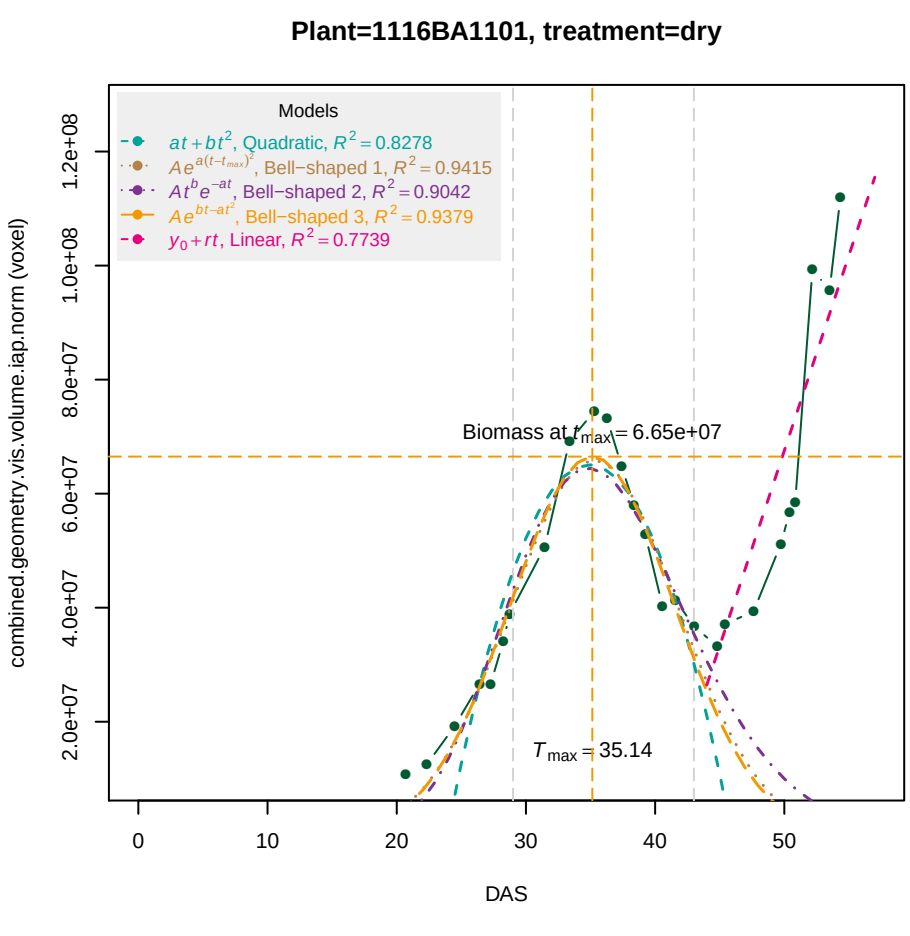
Genotype=ZEA 333, treatment=dry

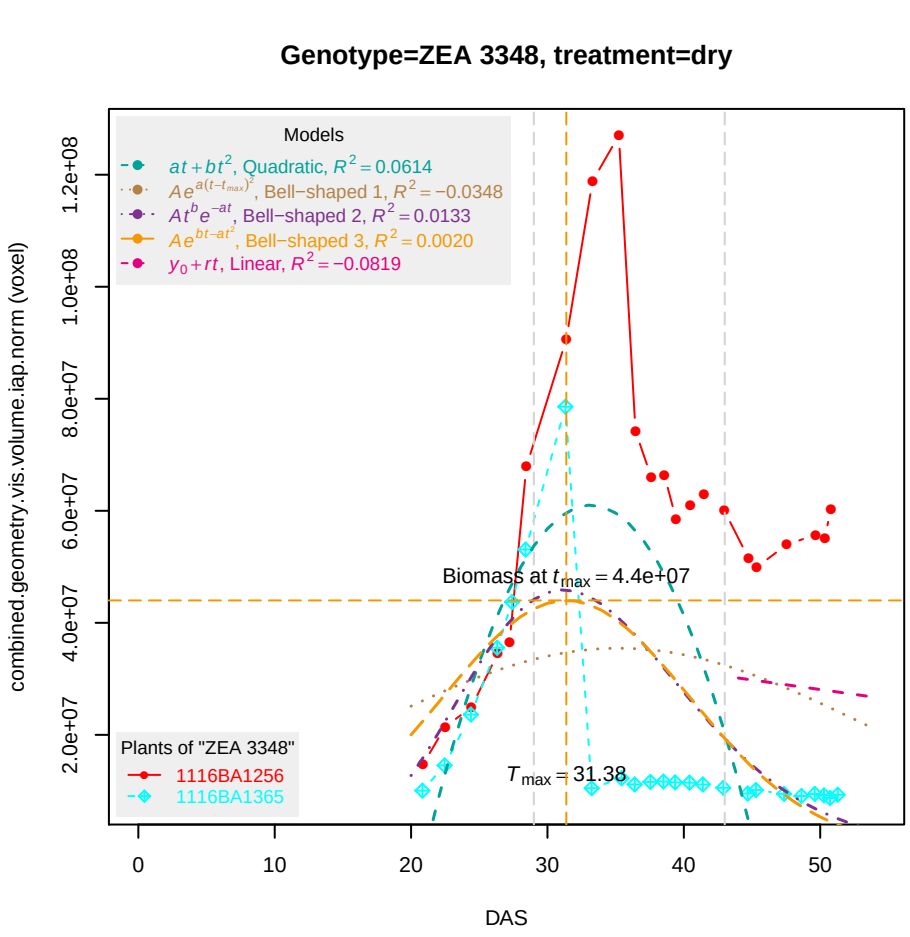


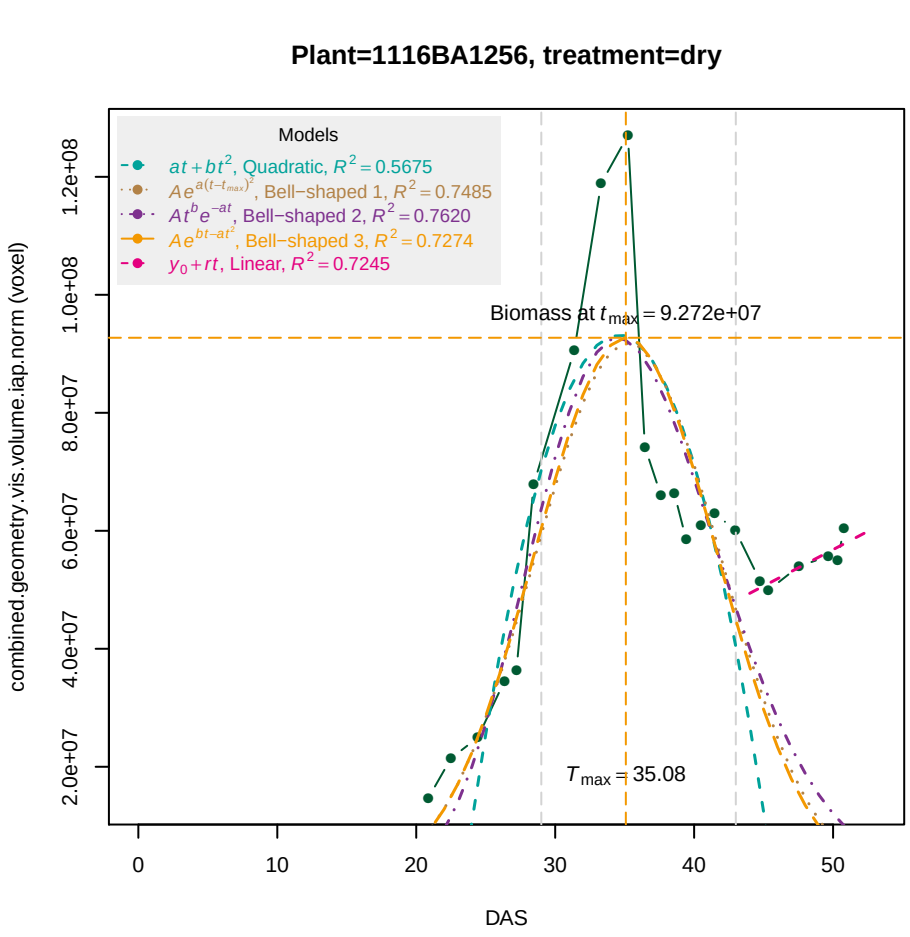

Plant=1116BA1100, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8221$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9470$
At^be^{-at}, Bell−shaped 2, $R^2=0.9217$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9443$
y_0+rt, Linear, $R^2=0.9174$
Biomass at t_{max} = 7.48e+07
T_{max} = 37.2
combined.geometry.vis.volume.iap.norm (voxel)
DAS

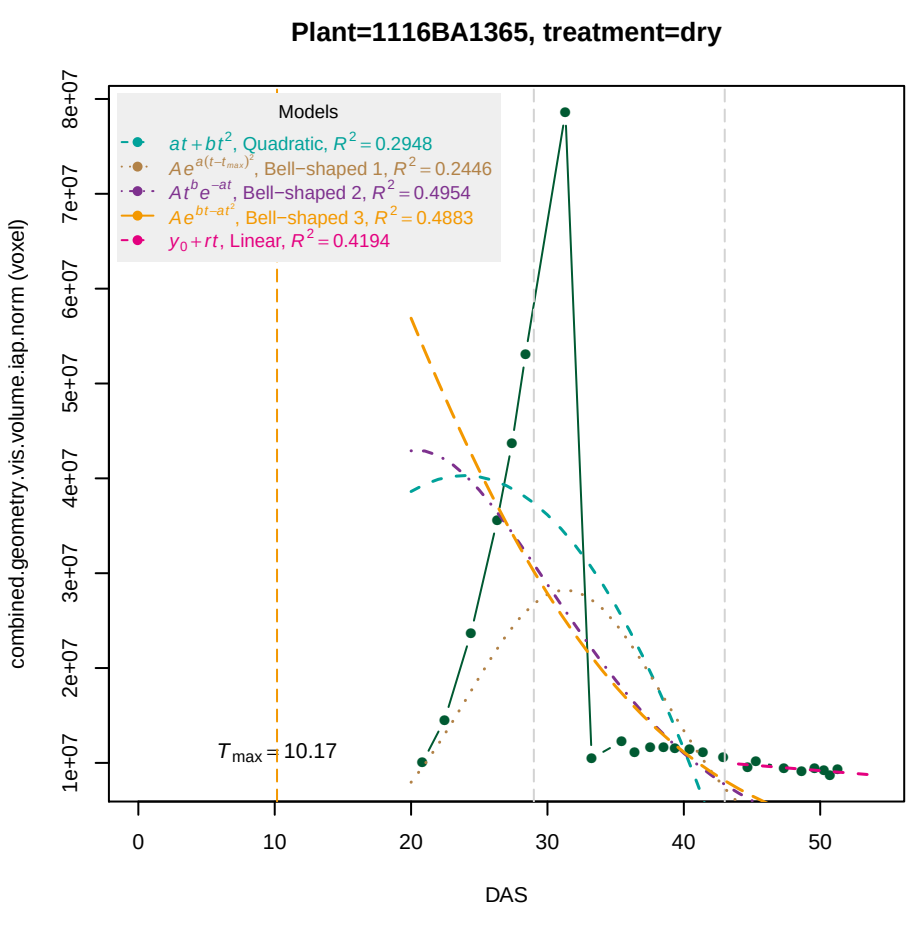

Plant=1116BA1331, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8417$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9621$
At^be^{-at}, Bell−shaped 2, $R^2=0.9487$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9595$
y_0+rt, Linear, $R^2=0.9610$
Biomass at t_{max} = 5.55e+07
T_{max} = 41.07
combined.geometry.vis.volume.iap.norm (voxel)
DAS

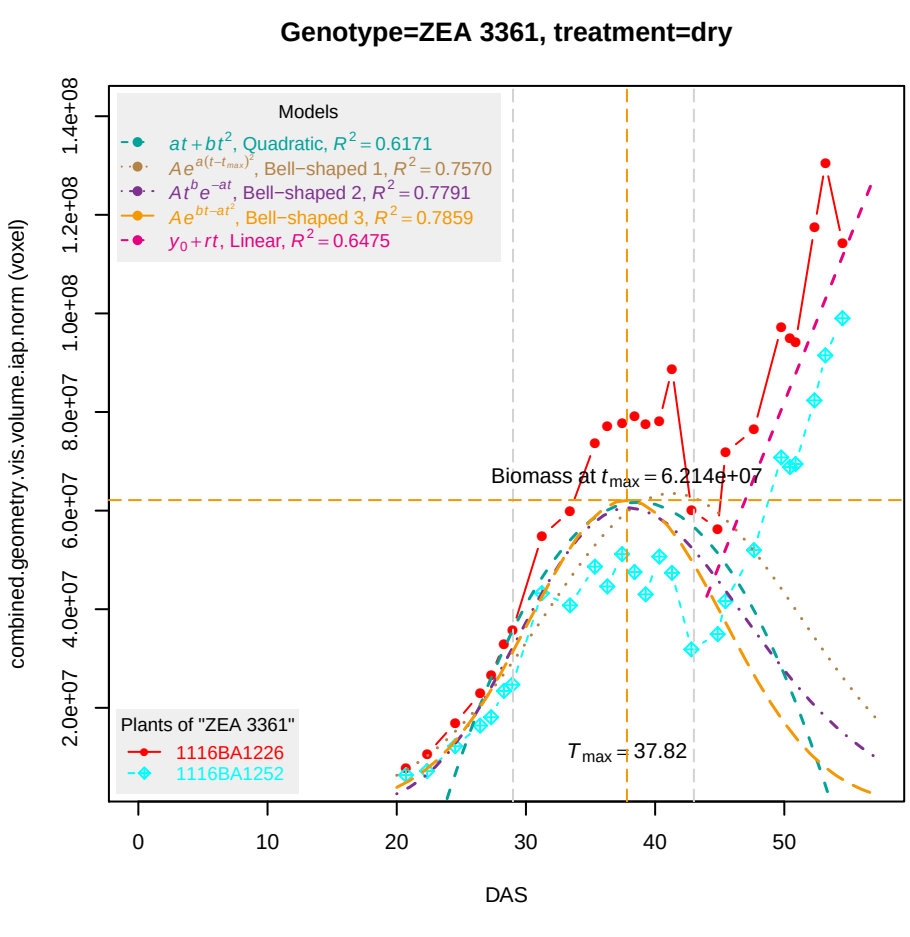

Genotype=ZEA 3338, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8278$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9415$
At^be^{-at}, Bell−shaped 2, $R^2=0.9042$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9379$
y_0+rt, Linear, $R^2=0.7739$
Biomass at t_{max} = 6.65e+07
T_{max} = 35.14
combined.geometry.vis.volume.iap.norm (voxel)
DAS

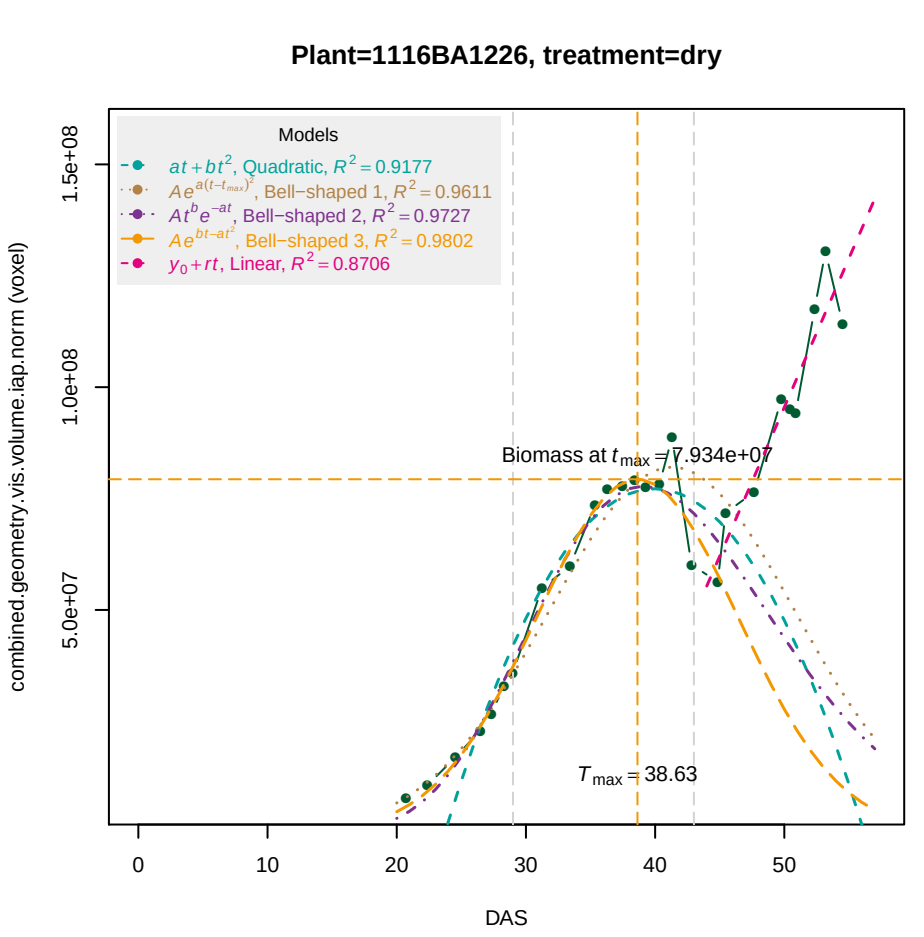

Plant=1116BA1101, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8278$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9415$
At^be^{-at}, Bell−shaped 2, $R^2=0.9042$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9379$
y_0+rt, Linear, $R^2=0.7739$
Biomass at t_{max} = 6.65e+07
T_{max} = 35.14
combined.geometry.vis.volume.iap.norm (voxel)
DAS

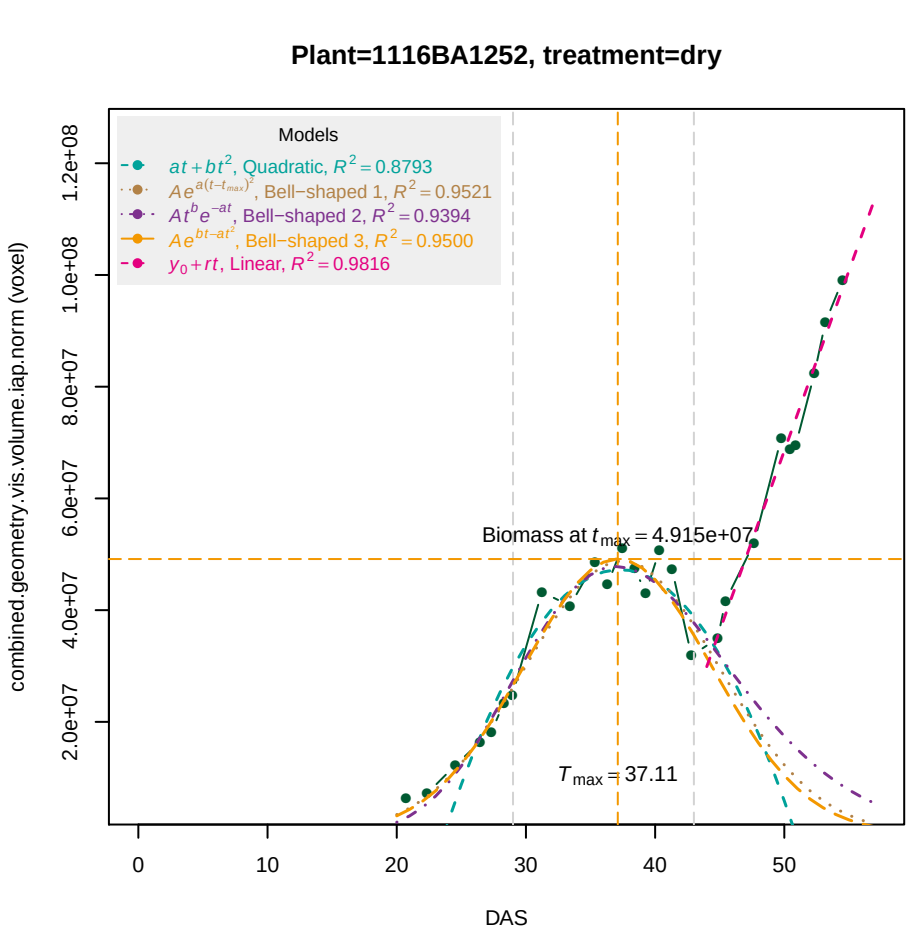

Genotype=ZEA 3348, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.0614$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=-0.0348$
At^be^{-at}, Bell−shaped 2, $R^2=0.0133$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.0020$
y_0+rt, Linear, $R^2=-0.0819$
Biomass at $t_{max}=4.4e+07$
$T_{max}=31.38$
Plants of "ZEA 3348"
1116BA1256
1116BA1365
combined.geometry.vis.volume.iap.norm (voxel)
DAS

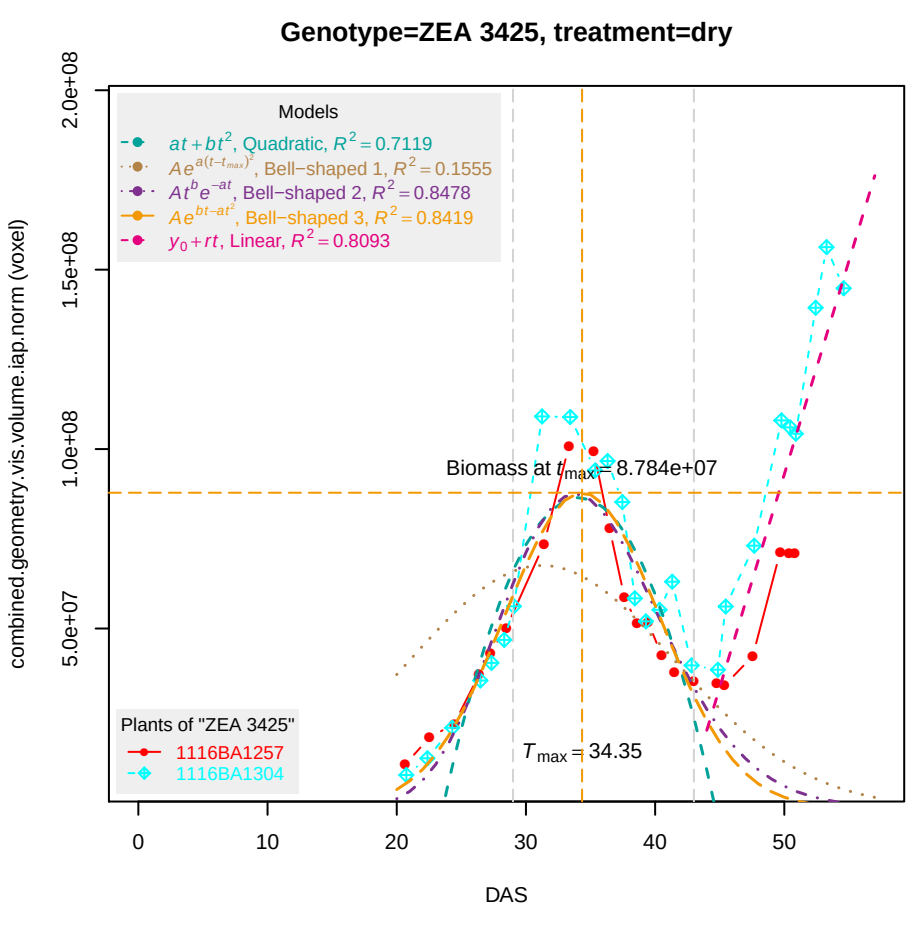

Plant=1116BA1256, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5675$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7485$
At^be^{-at}, Bell−shaped 2, $R^2=0.7620$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7274$
y_0+rt, Linear, $R^2=0.7245$
Biomass at $t_{max}=9.272e+07$
$T_{max}=35.08$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

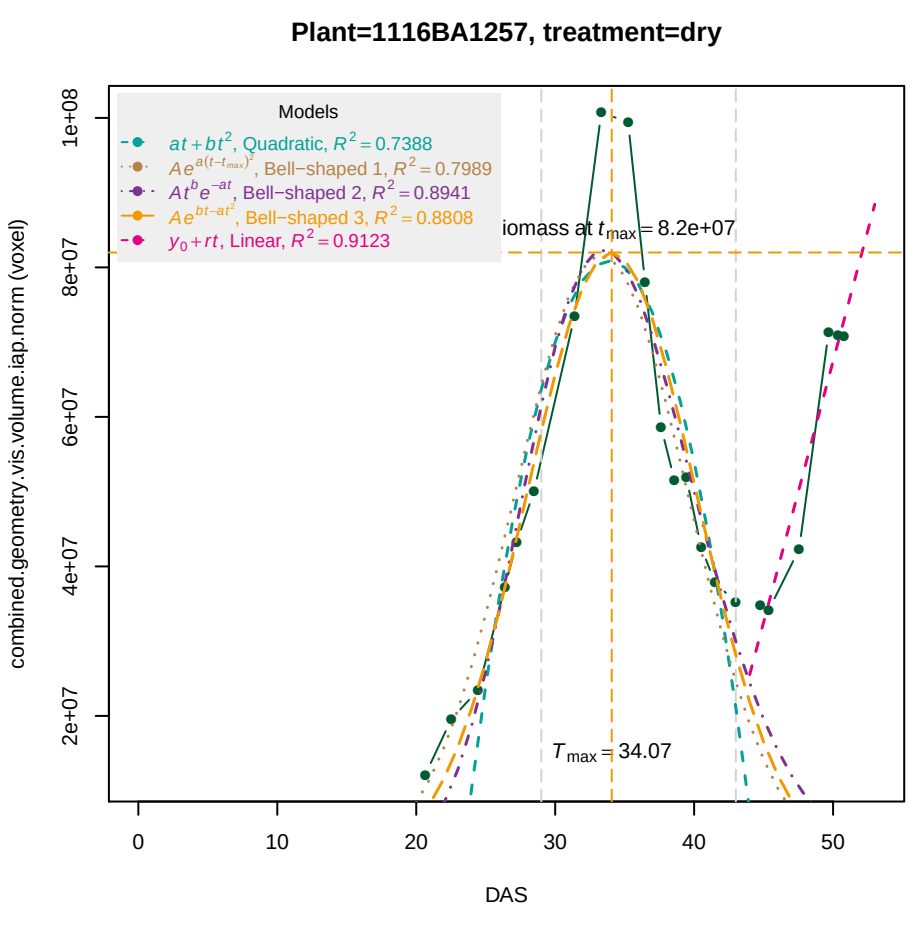

Plant=1116BA1365, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.2948$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.2446$
At^be^{-at}, Bell−shaped 2, $R^2=0.4954$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.4883$
y_0+rt, Linear, $R^2=0.4194$
$T_{max}=10.17$
combined.geometry.vis.volume.iap.norm (voxel)
DAS

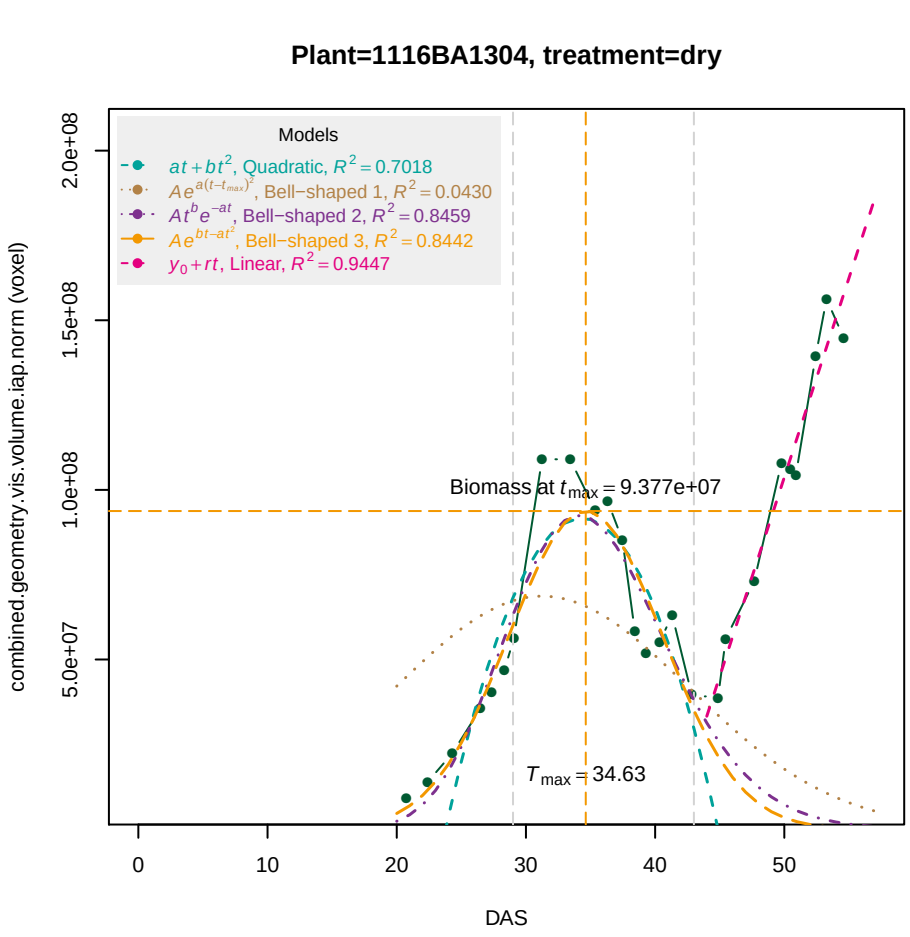

Genotype=ZEA 3361, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6171$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7570$
At^be^{-at}, Bell−shaped 2, $R^2=0.7791$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7859$
y_0+rt, Linear, $R^2=0.6475$
Biomass at $t_{max}=6.214e+07$
$T_{max}=37.82$
Plants of "ZEA 3361"
1116BA1226
1116BA1252
combined.geometry.vis.volume.iap.norm (voxel)
DAS

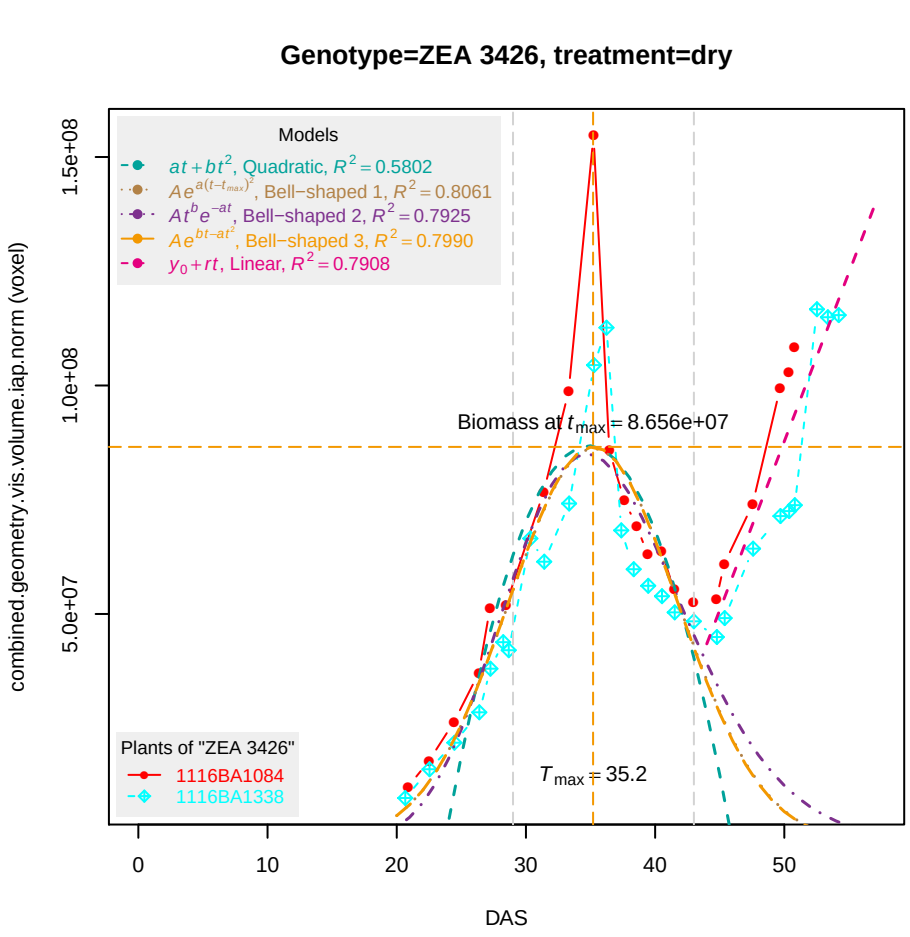

Plant=1116BA1226, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.9177$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9611$
At^be^{-at}, Bell−shaped 2, $R^2=0.9727$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9802$
y_0+rt, Linear, $R^2=0.8706$
Biomass at t_{max} = 7.934e+07
T_{max} = 38.63
combined.geometry.vis.volume.iap.norm (voxel)
DAS

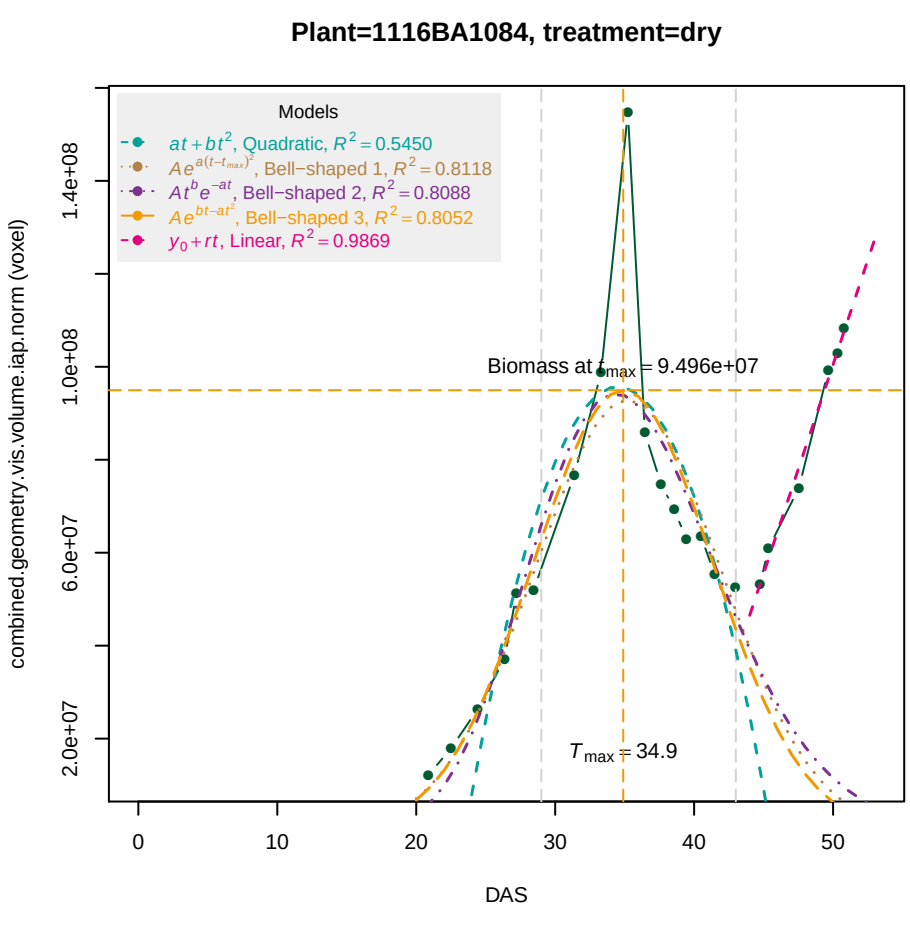

Plant=1116BA1252, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8793$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9521$
At^be^{-at}, Bell−shaped 2, $R^2=0.9394$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9500$
y_0+rt, Linear, $R^2=0.9816$
Biomass at t_{max} = 4.915e+07
T_{max} = 37.11
combined.geometry.vis.volume.iap.norm (voxel)
DAS

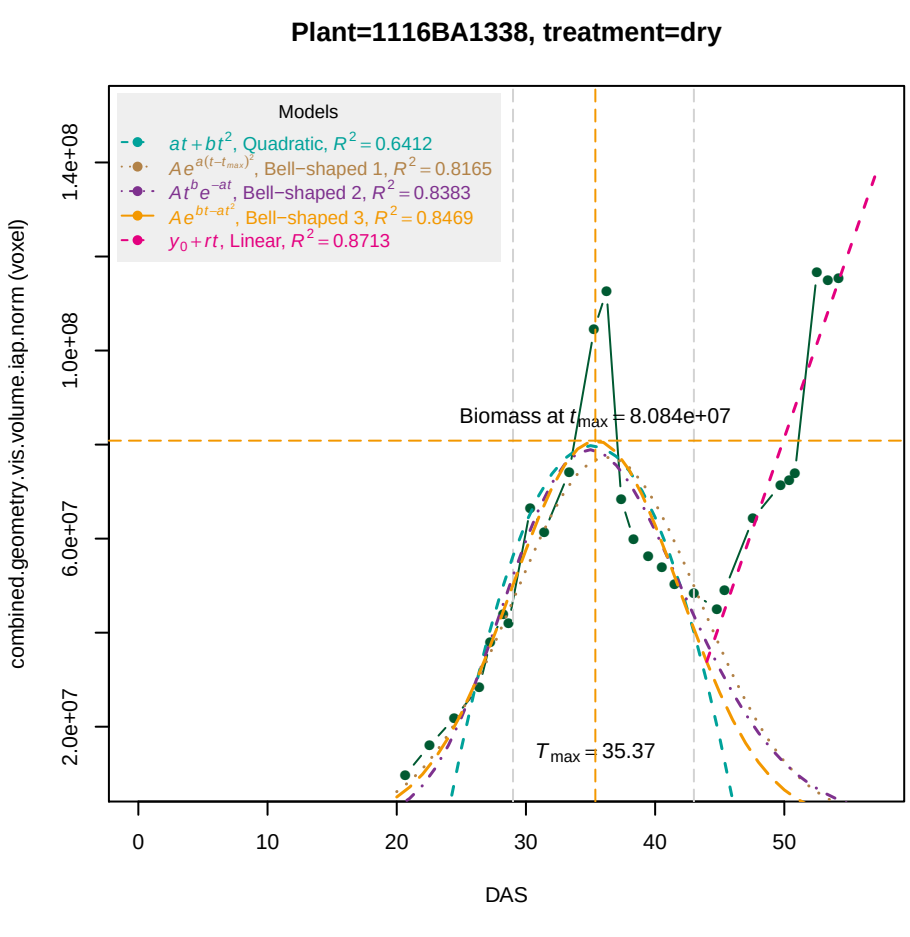

Genotype=ZEA 3425, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7119$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.1555$
At^be^{-at}, Bell−shaped 2, $R^2=0.8478$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8419$
y_0+rt, Linear, $R^2=0.8093$
Biomass at t_{max} = 8.784e+07
T_{max} = 34.35
Plants of "ZEA 3425"
1116BA1257
1116BA1304
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1257, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7388$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7989$
At^be^{-at}, Bell−shaped 2, $R^2=0.8941$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8808$
y_0+rt, Linear, $R^2=0.9123$
iomass at t_{max} = 8.2e+07
T_{max} = 34.07
combined.geometry.vis.volume.iap.norm (voxel)
DAS

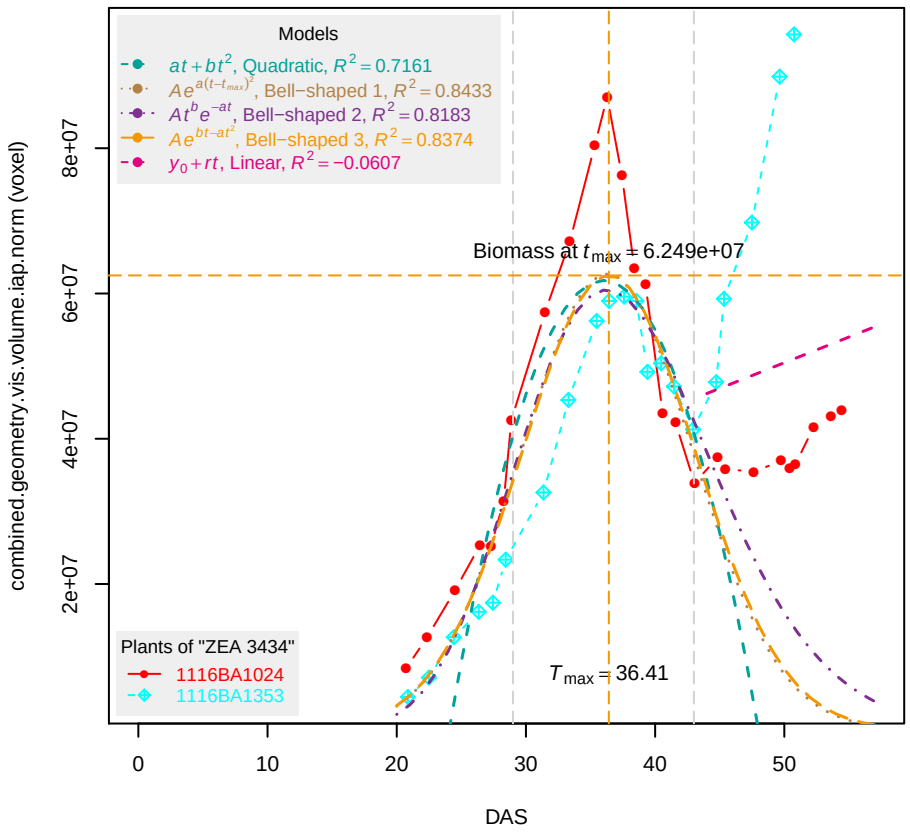

Plant=1116BA1304, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7018$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.0430$
At^be^{-at}, Bell−shaped 2, $R^2=0.8459$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8442$
y_0+rt, Linear, $R^2=0.9447$
Biomass at t_{max} = 9.377e+07
T_{max} = 34.63
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Genotype=ZEA 3426, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5802$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8061$
At^be^{-at}, Bell−shaped 2, $R^2=0.7925$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7990$
y_0+rt, Linear, $R^2=0.7908$
Biomass at t_{max} = 8.656e+07
Plants of "ZEA 3426"
1116BA1084
1116BA1338
T_{max} = 35.2
combined.geometry.vis.volume.iap.norm (voxel)
DAS

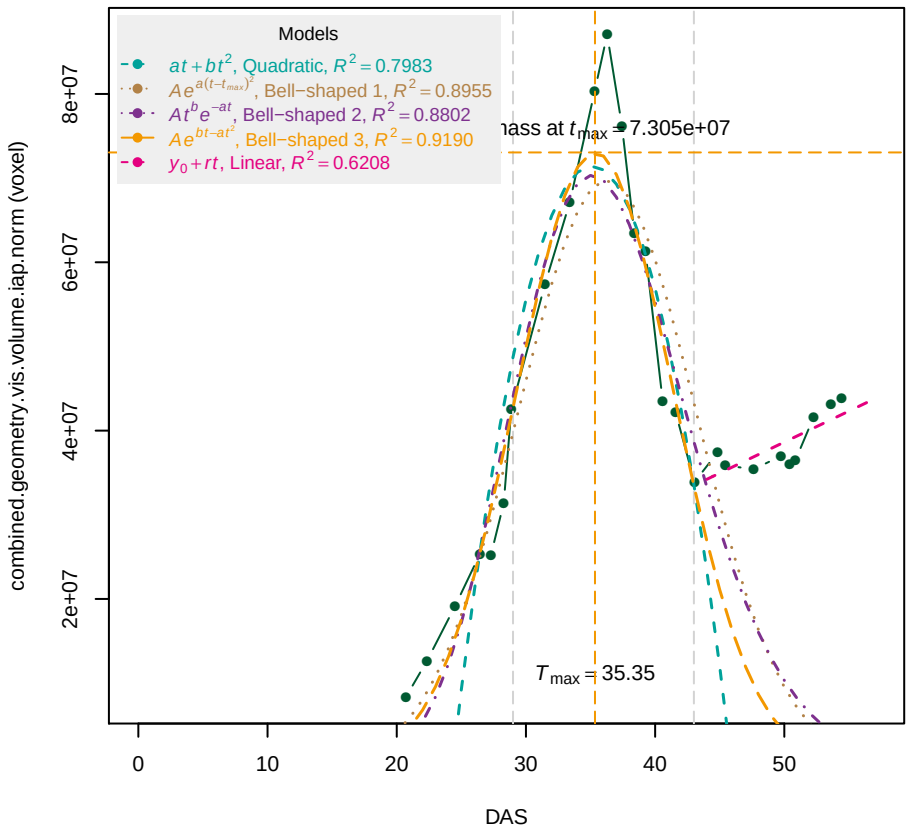

Plant=1116BA1084, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5450$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8118$
At^be^{-at}, Bell−shaped 2, $R^2=0.8088$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8052$
y_0+rt, Linear, $R^2=0.9869$
Biomass at t_{max} = 9.496e+07
T_{max} = 34.9
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1338, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6412$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8165$
At^be^{-at}, Bell−shaped 2, $R^2=0.8383$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8469$
y_0+rt, Linear, $R^2=0.8713$
Biomass at t_{max} = 8.084e+07
T_{max} = 35.37
combined.geometry.vis.volume.iap.norm (voxel)
DAS

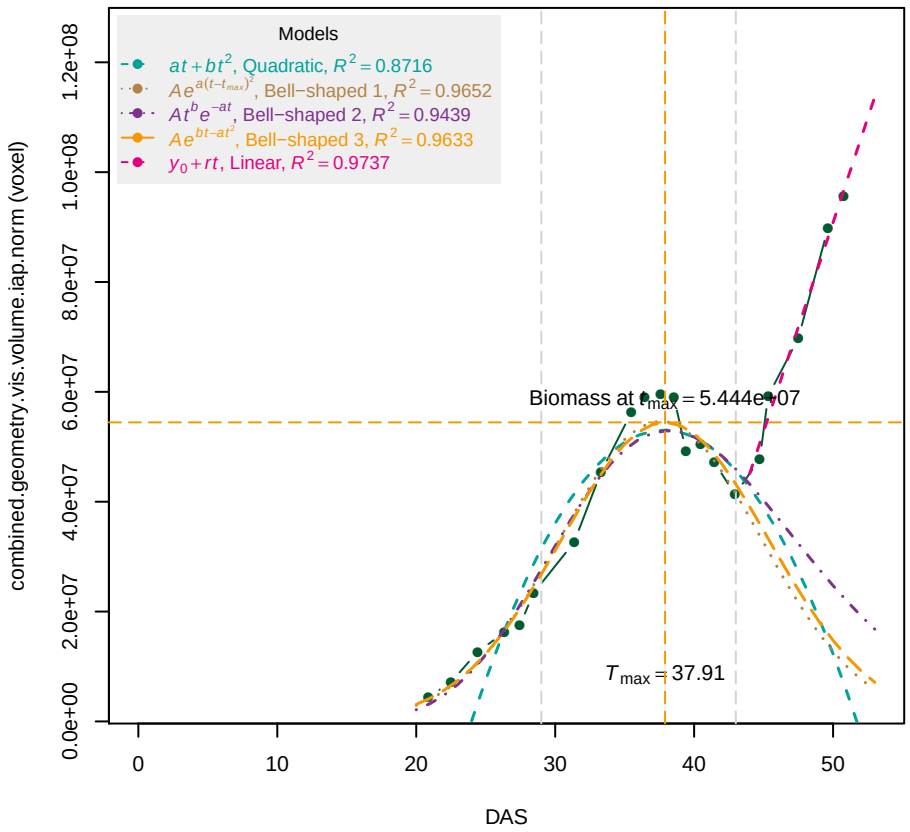
Genotype=ZEA 3434, treatment=dry



Plant=1116BA1024, treatment=dry

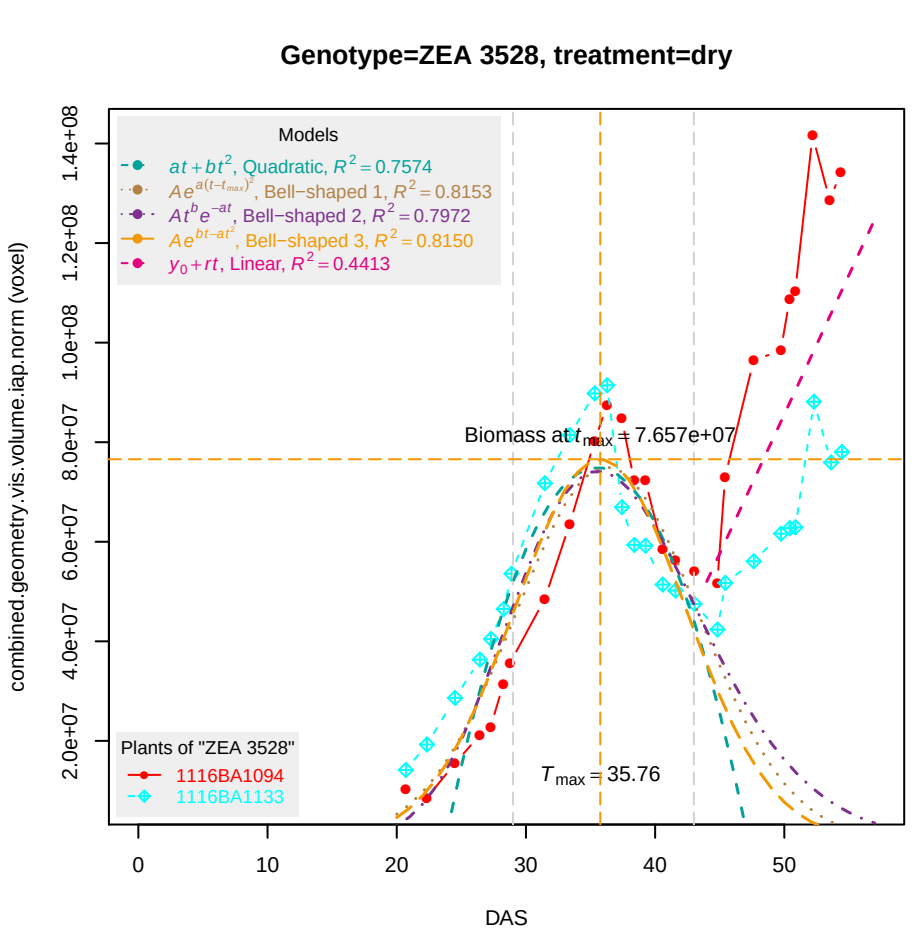


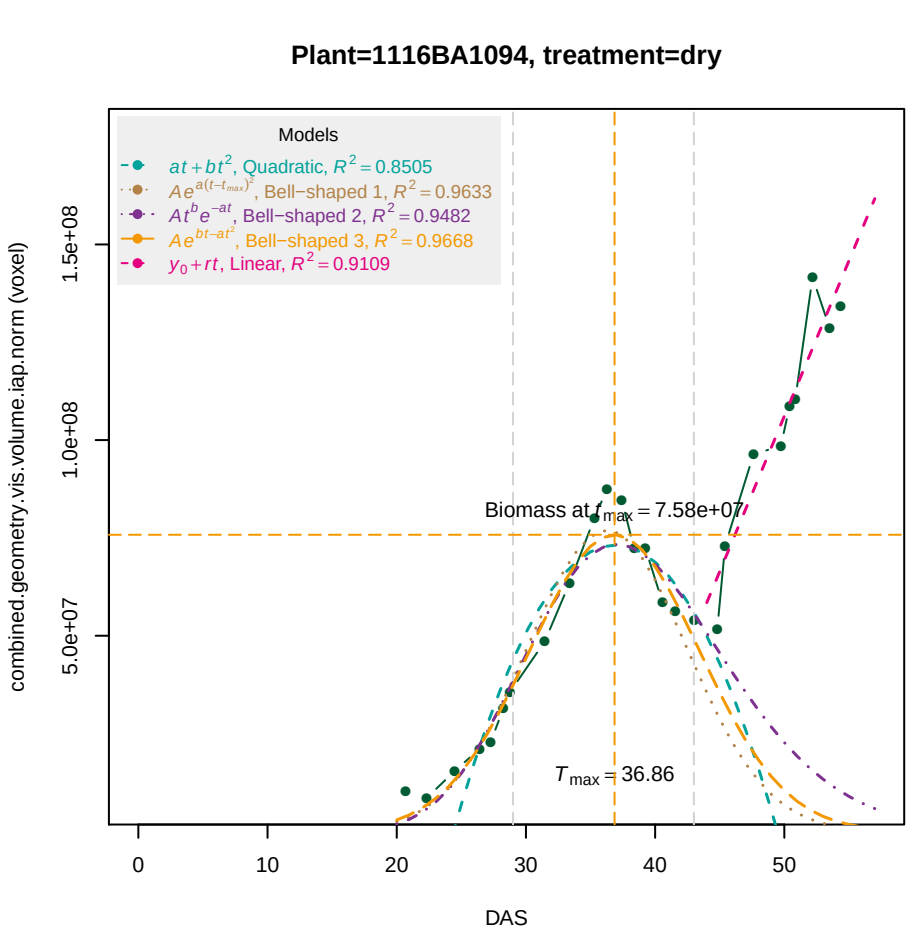
Plant=1116BA1353, treatment=dry

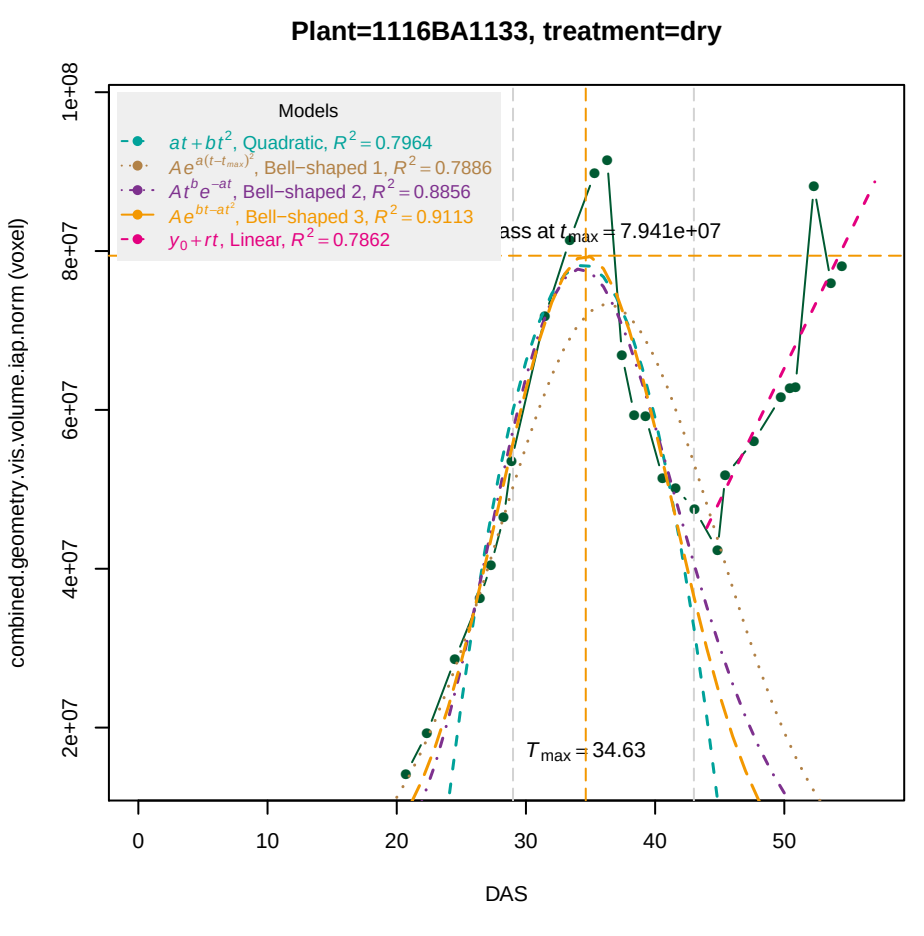


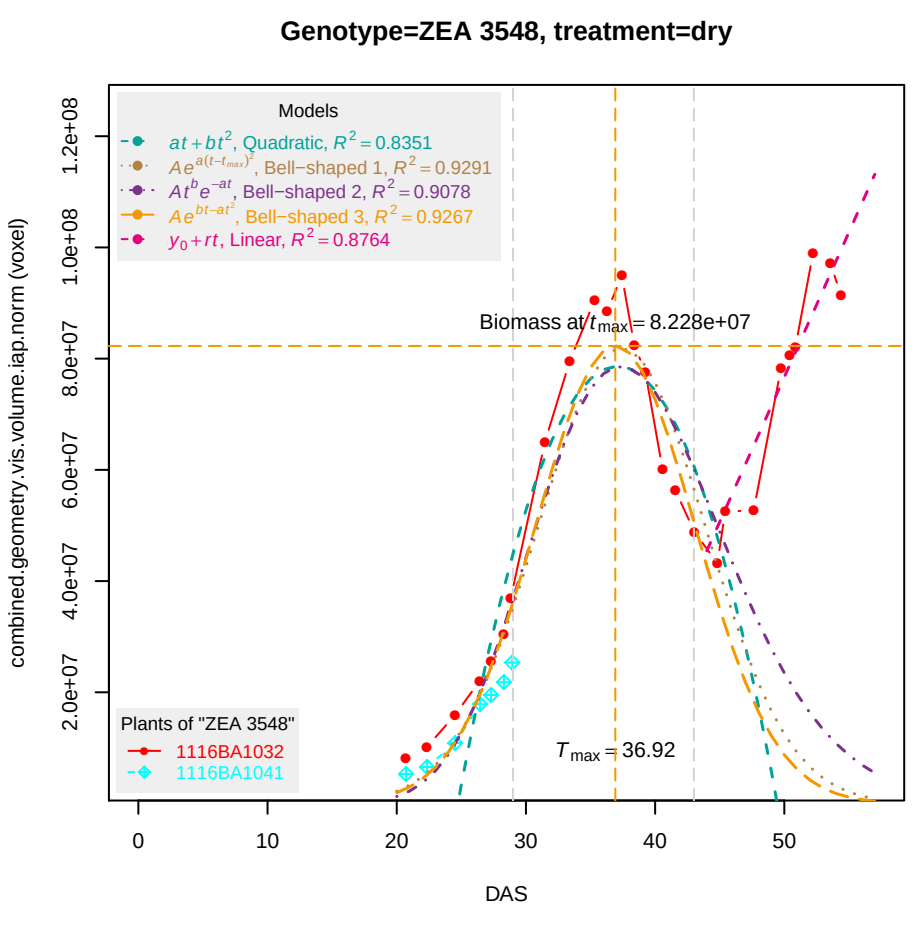
ZEA 3455

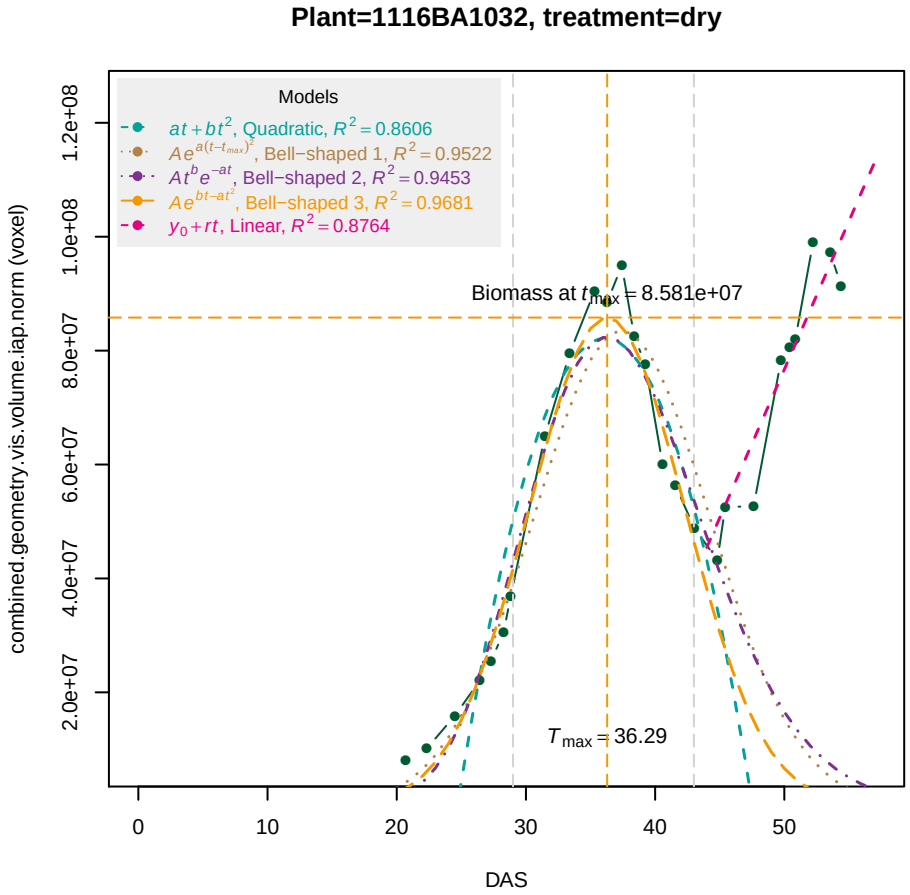
No data for modeling genotype "ZEA 3455"

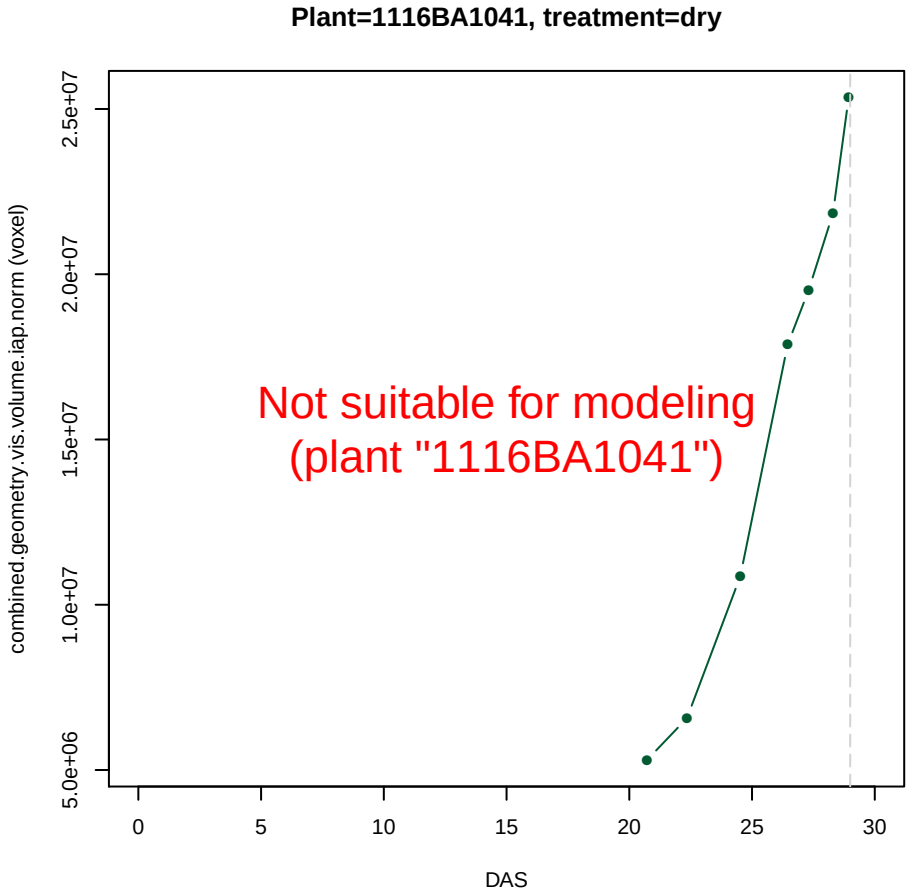

Genotype=ZEA 3528, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7574$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8153$
At^be^{-at}, Bell−shaped 2, $R^2=0.7972$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8150$
y_0+rt, Linear, $R^2=0.4413$
Biomass at t_{max} = 7.657e+07
T_{max} = 35.76
Plants of "ZEA 3528"
1116BA1094
1116BA1133
combined.geometry.vis.volume.iap.norm (voxel)
DAS

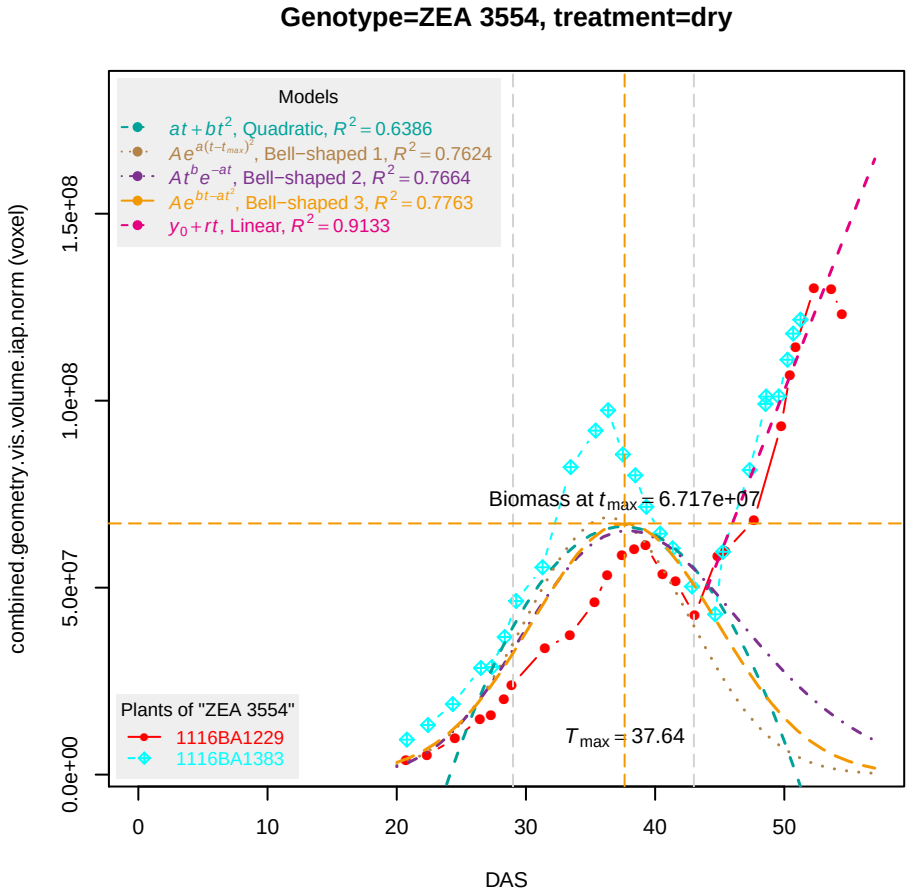

Plant=1116BA1094, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8505$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9633$
At^be^{-at}, Bell−shaped 2, $R^2=0.9482$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9668$
y_0+rt, Linear, $R^2=0.9109$
Biomass at t_{max} = 7.58e+07
T_{max} = 36.86
combined.geometry.vis.volume.iap.norm (voxel)
DAS

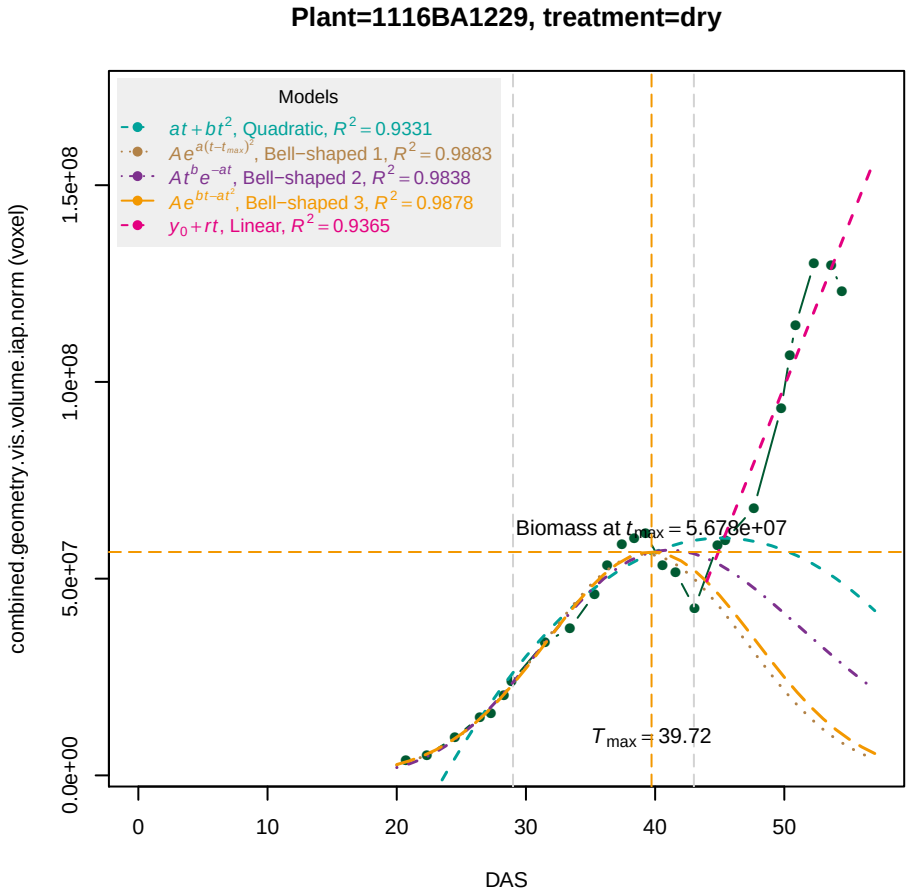

Plant=1116BA1133, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7964$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7886$
At^be^{-at}, Bell−shaped 2, $R^2=0.8856$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9113$
y_0+rt, Linear, $R^2=0.7862$
ass at t_{max} = 7.941e+07
T_{max} = 34.63
combined.geometry.vis.volume.iap.norm (voxel)
DAS

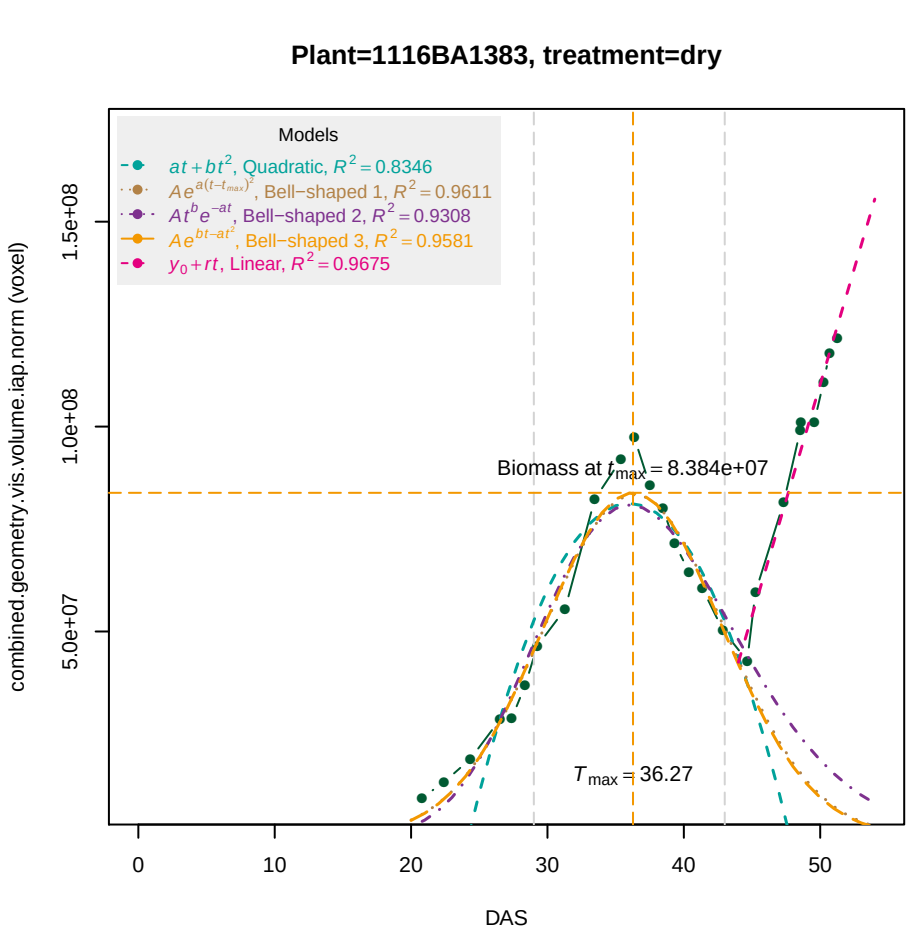

Genotype=ZEA 3548, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8351$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9291$
At^be^{-at}, Bell−shaped 2, $R^2=0.9078$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9267$
y_0+rt, Linear, $R^2=0.8764$
Biomass at t_{max} = 8.228e+07
T_{max} = 36.92
Plants of "ZEA 3548"
1116BA1032
1116BA1041
combined.geometry.vis.volume.iap.norm (voxel)
DAS

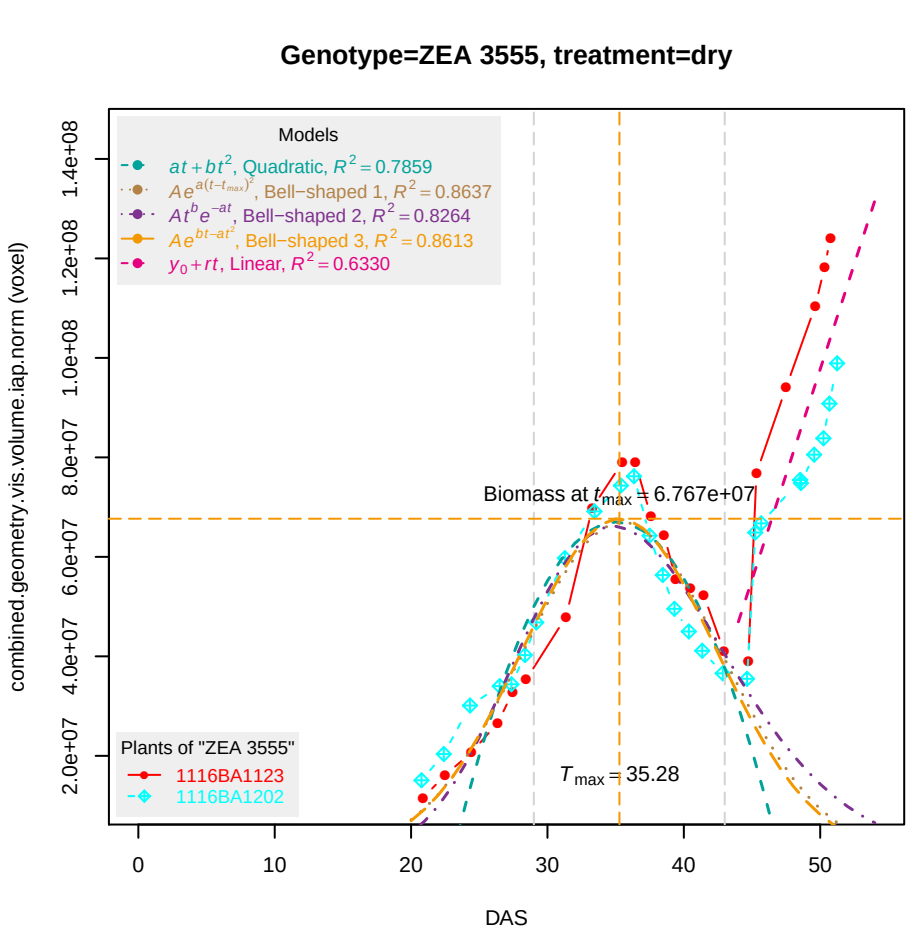

Plant=1116BA1032, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8606$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9522$
At^be^{-at}, Bell−shaped 2, $R^2=0.9453$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9681$
y_0+rt, Linear, $R^2=0.8764$
Biomass at t_{max} = 8.581e+07
T_{max} = 36.29
combined.geometry.vis.volume.iap.norm (voxel)
DAS

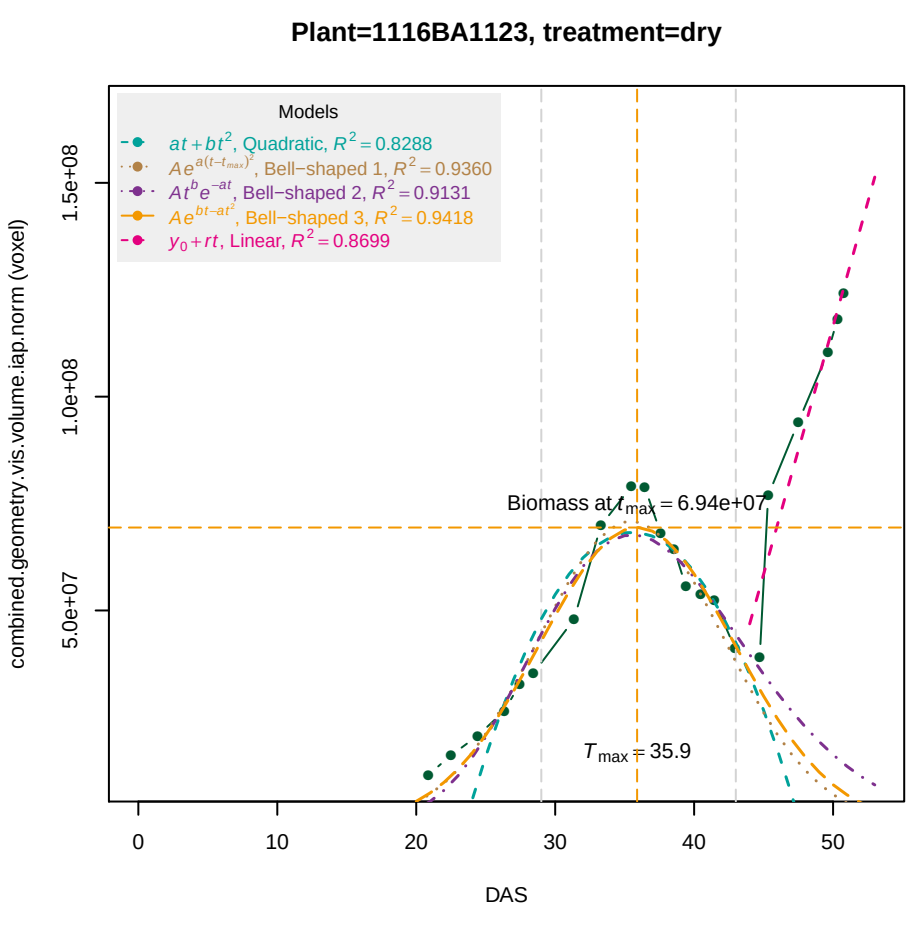

Plant=1116BA1041, treatment=dry
Not suitable for modeling
(plant "1116BA1041")
combined.geometry.vis.volume.iap.norm (voxel)
DAS

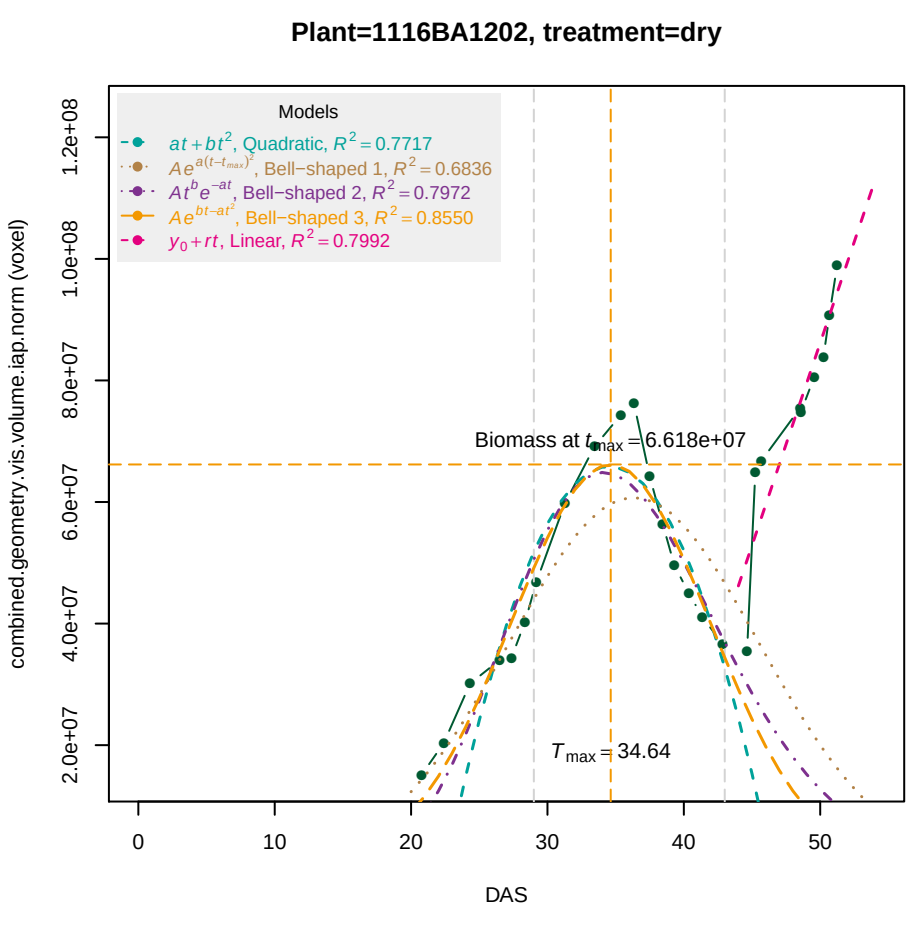

Genotype=ZEA 3554, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6386$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7624$
At^be^{-at}, Bell−shaped 2, $R^2=0.7664$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.7763$
y_0+rt, Linear, $R^2=0.9133$
Biomass at t_{max} = 6.717e+07
T_{max} = 37.64
Plants of "ZEA 3554"
1116BA1229
1116BA1383
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1229, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.9331$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9883$
At^be^{-at}, Bell−shaped 2, $R^2=0.9838$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9878$
y_0+rt, Linear, $R^2=0.9365$
Biomass at t_{max} = 5.679e+07
T_{max} = 39.72
combined.geometry.vis.volume.iap.norm (voxel)
DAS

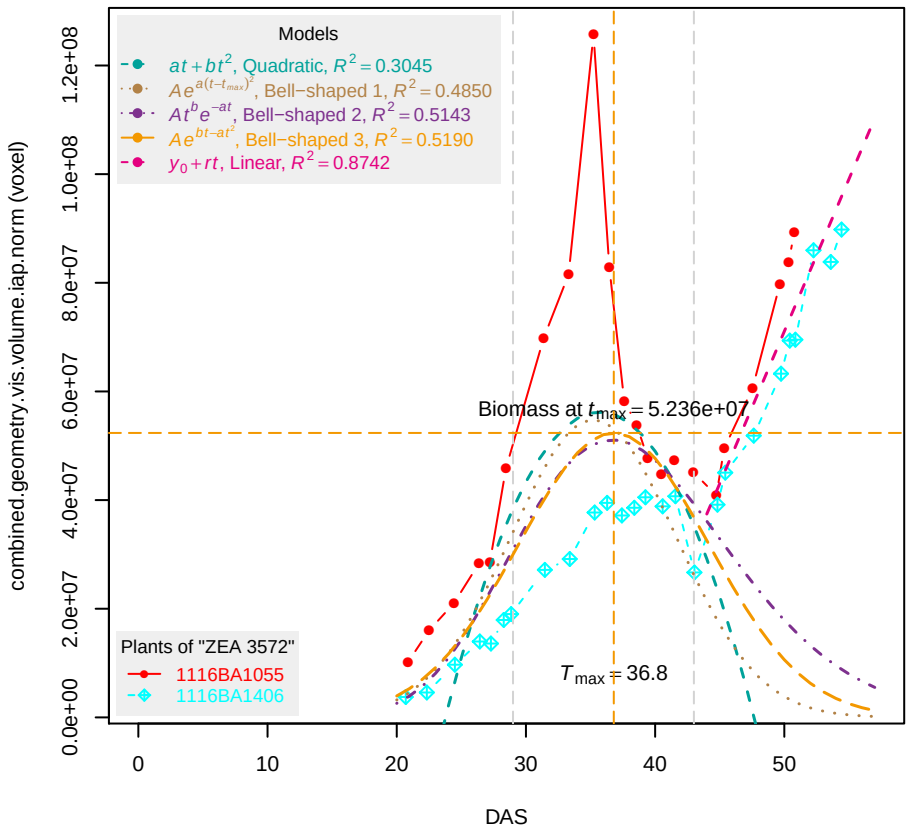

Plant=1116BA1383, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8346$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9611$
At^be^{-at}, Bell−shaped 2, $R^2=0.9308$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9581$
y_0+rt, Linear, $R^2=0.9675$
Biomass at t_{max} = 8.384e+07
T_{max} = 36.27
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
DAS


Genotype=ZEA 3555, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7859$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8637$
At^be^{-at}, Bell−shaped 2, $R^2=0.8264$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8613$
y_0+rt, Linear, $R^2=0.6330$
Biomass at t_{max} = 6.767e+07
T_{max} = 35.28
Plants of "ZEA 3555"
1116BA1123
1116BA1202
combined.geometry.vis.volume.iap.norm (voxel)
2.0e+07
4.0e+07
6.0e+07
8.0e+07
1.0e+08
1.2e+08
1.4e+08
0
10
20
30
40
50
DAS

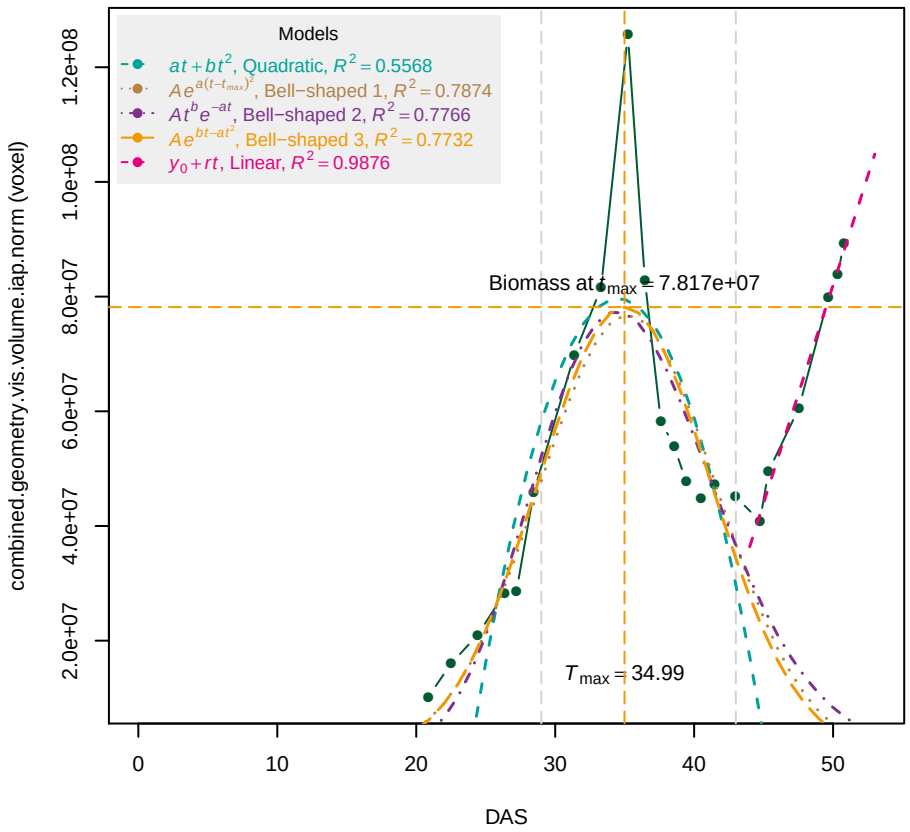

Plant=1116BA1123, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8288$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9360$
At^be^{-at}, Bell−shaped 2, $R^2=0.9131$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9418$
y_0+rt, Linear, $R^2=0.8699$
Biomass at t_{max} = 6.94e+07
T_{max} = 35.9
combined.geometry.vis.volume.iap.norm (voxel)
5.0e+07
1.0e+08
1.5e+08
0
10
20
30
40
50
DAS


Plant=1116BA1202, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7717$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6836$
At^be^{-at}, Bell−shaped 2, $R^2=0.7972$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8550$
y_0+rt, Linear, $R^2=0.7992$
Biomass at t_{max} = 6.618e+07
T_{max} = 34.64
combined.geometry.vis.volume.iap.norm (voxel)
2.0e+07
4.0e+07
6.0e+07
8.0e+07
1.0e+08
1.2e+08
0
10
20
30
40
50
DAS

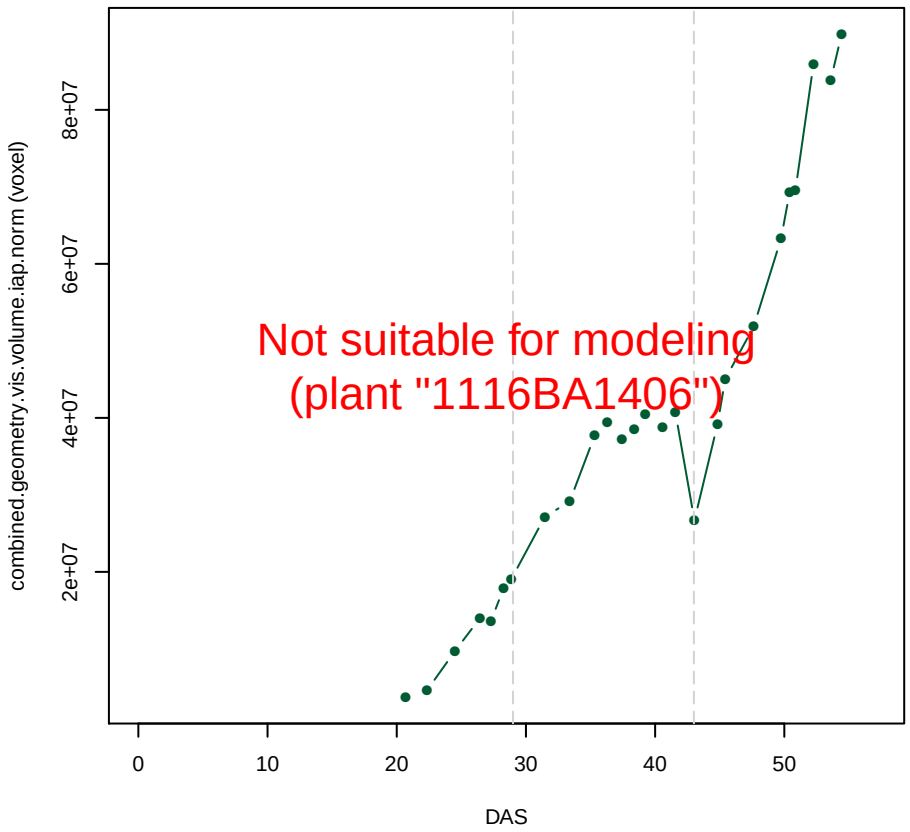
Genotype=ZEA 3572, treatment=dry



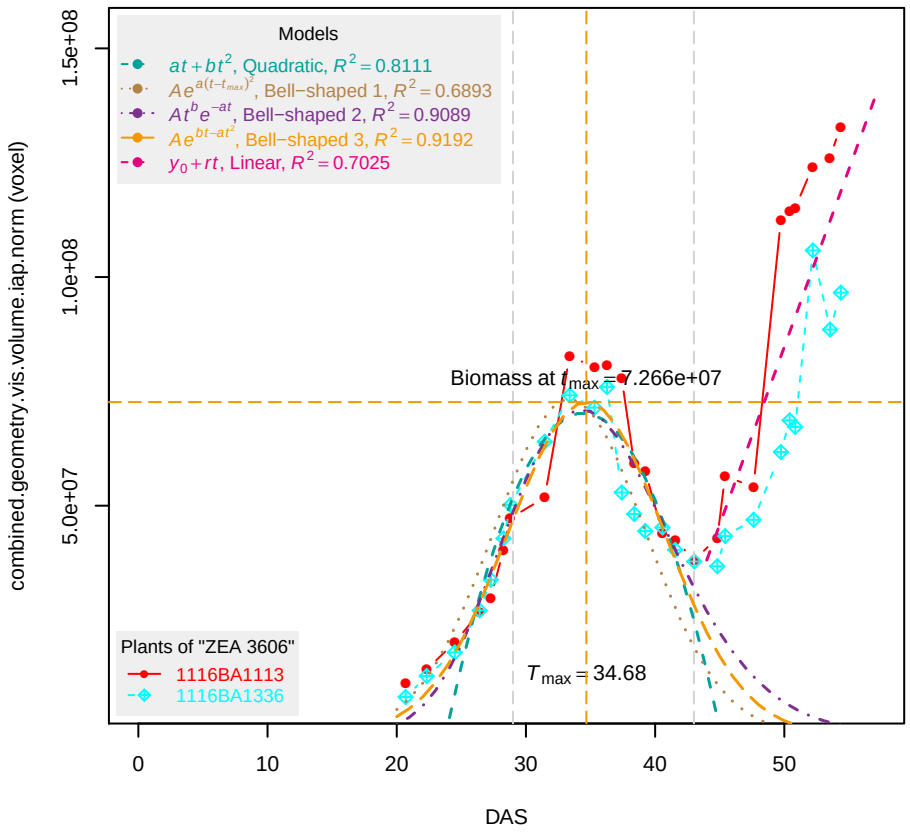
Plant=1116BA1055, treatment=dry

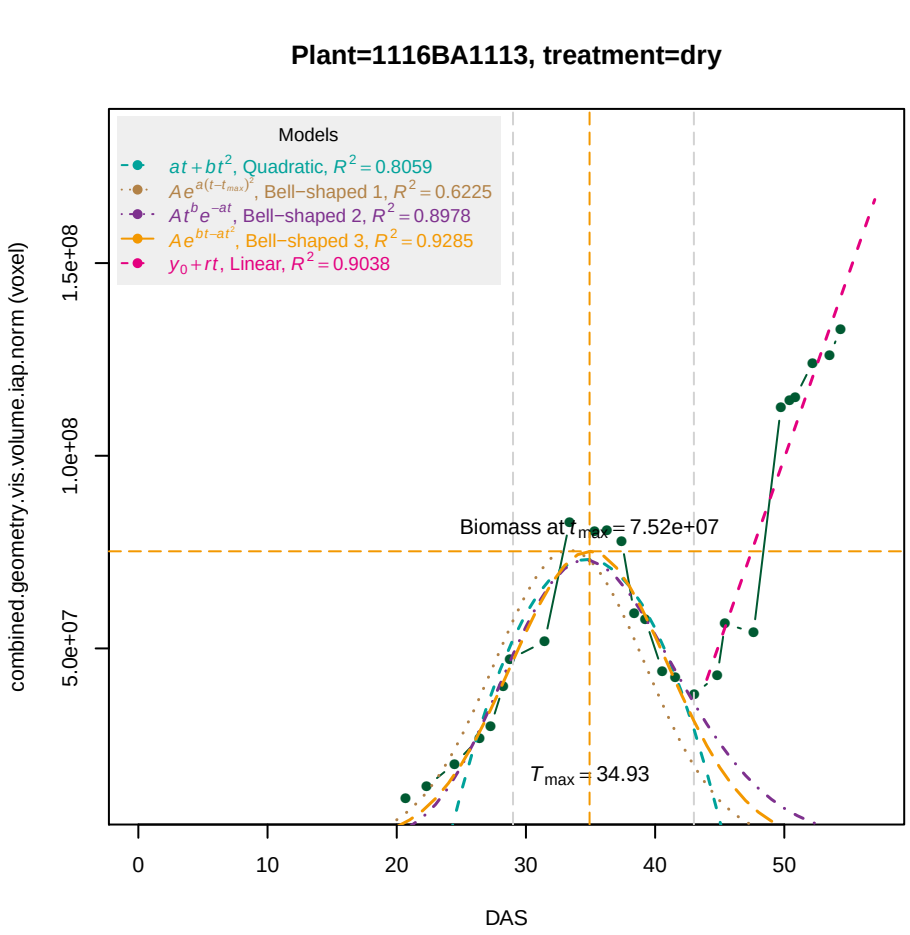


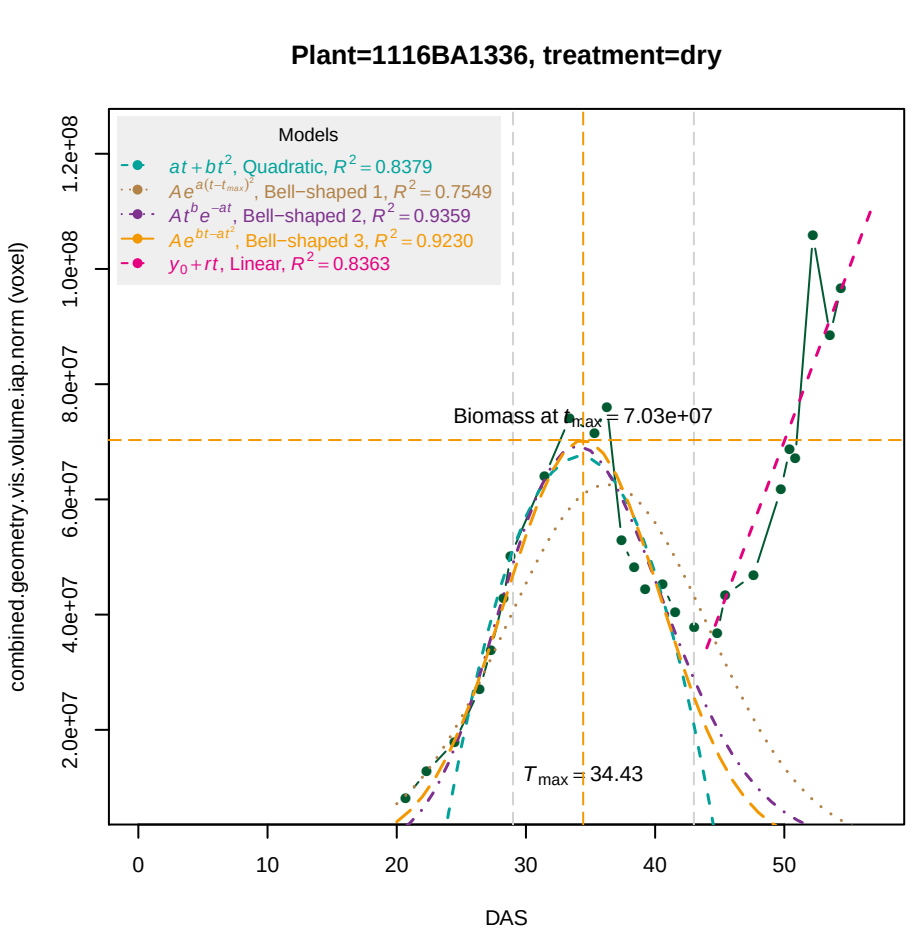
Plant=1116BA1406, treatment=dry

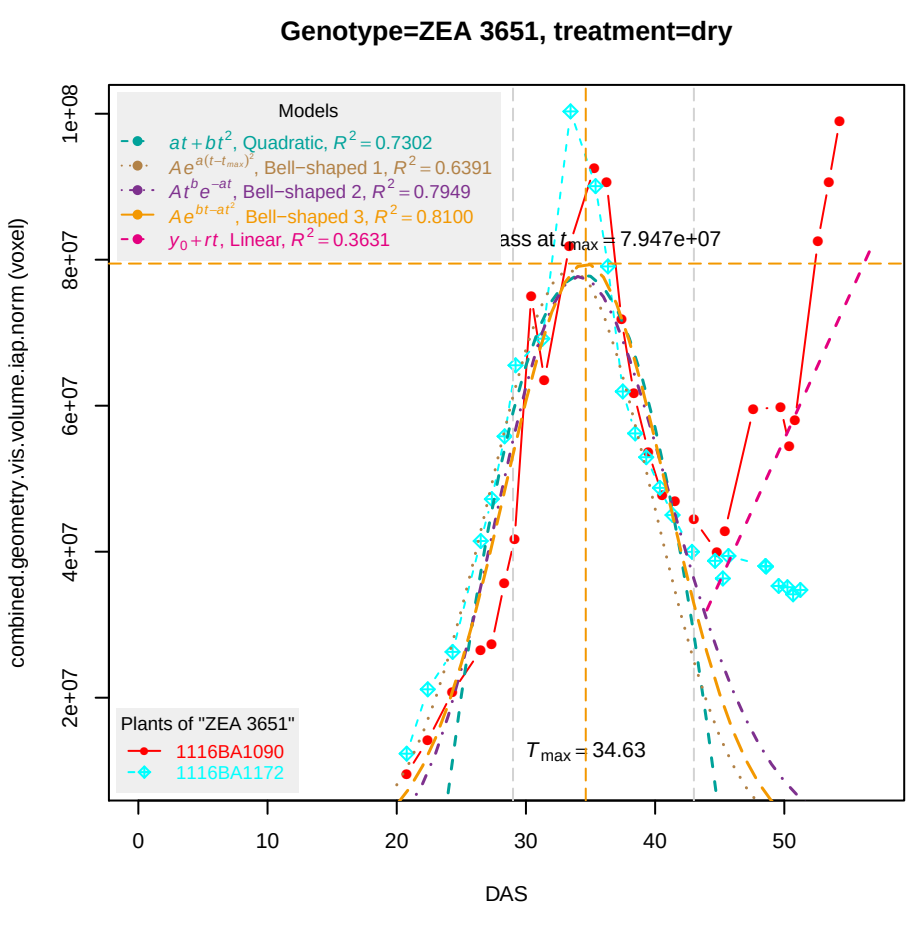


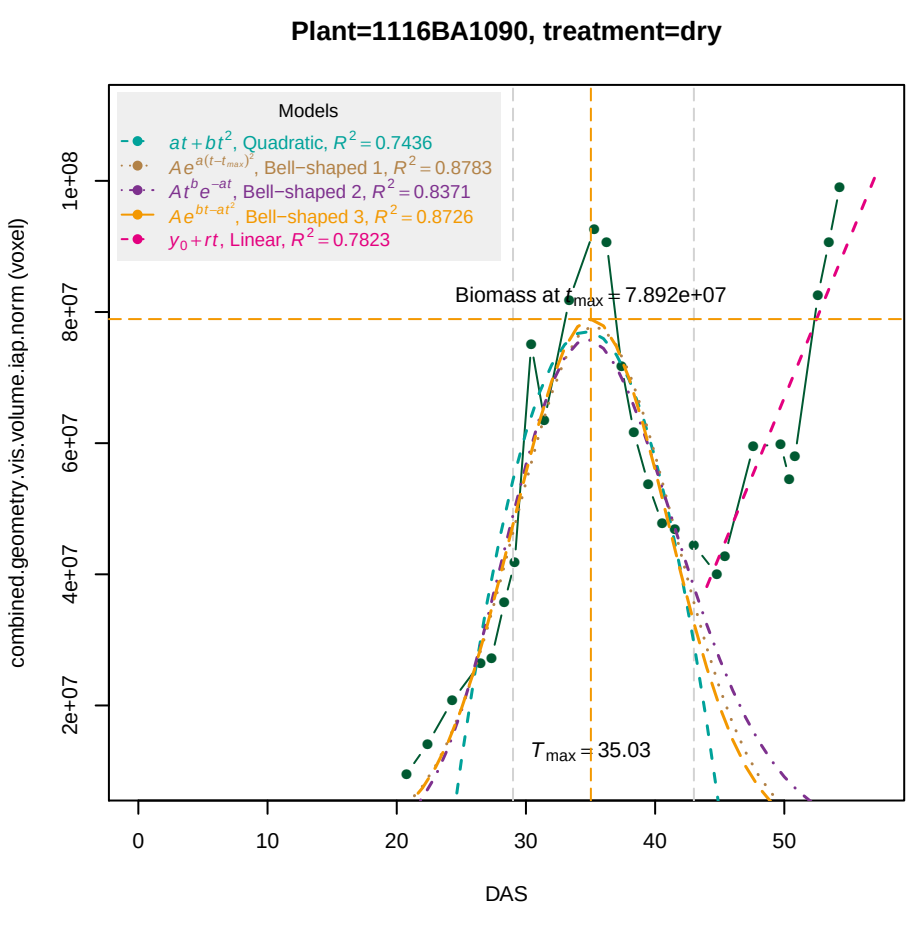
Genotype=ZEA 3606, treatment=dry

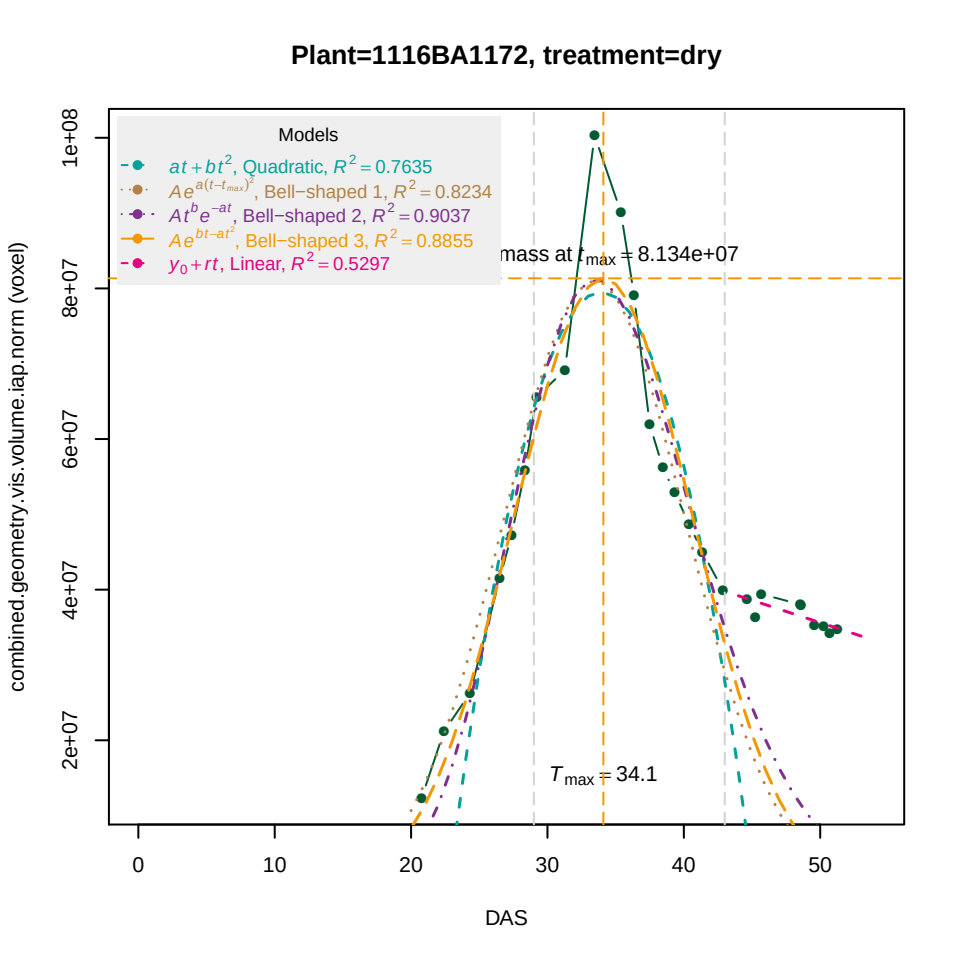


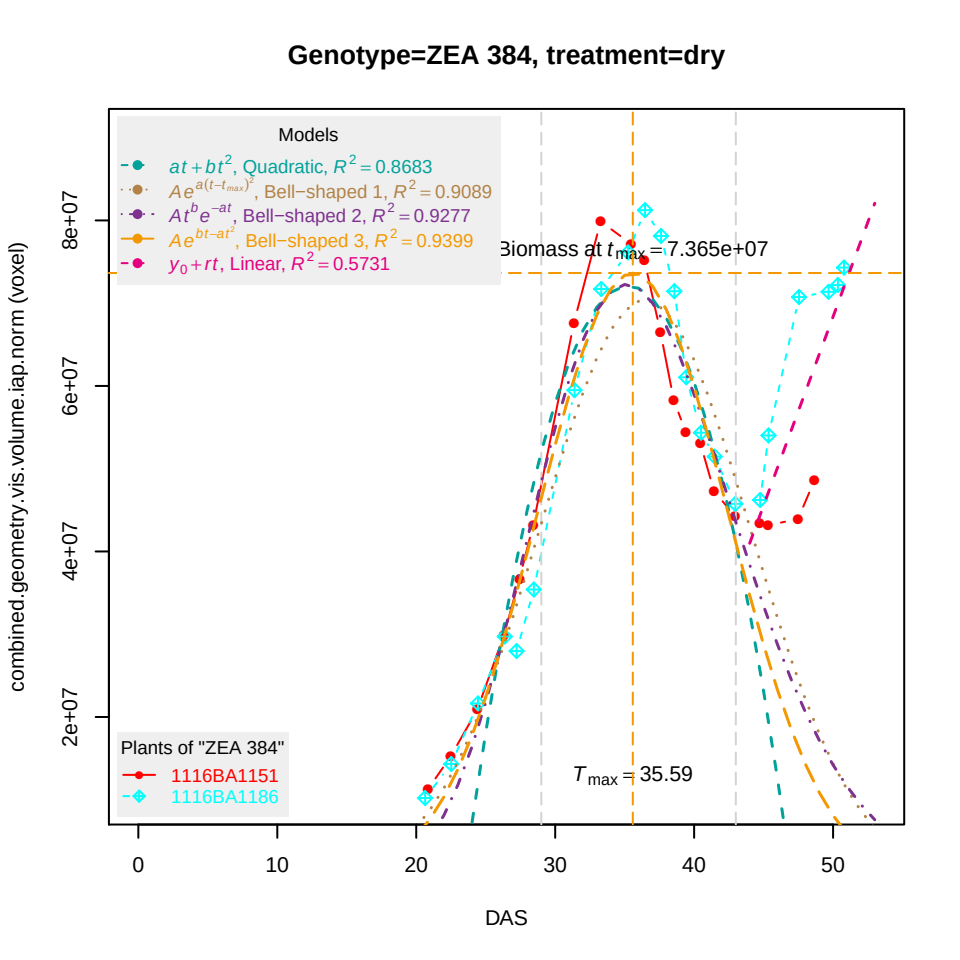

Plant=1116BA1113, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8059$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6225$
At^be^{-at}, Bell−shaped 2, $R^2=0.8978$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9285$
y_0+rt, Linear, $R^2=0.9038$
Biomass at t_{max} = 7.52e+07
T_{max} = 34.93
combined.geometry.vis.volume.iap.norm (voxel)
DAS

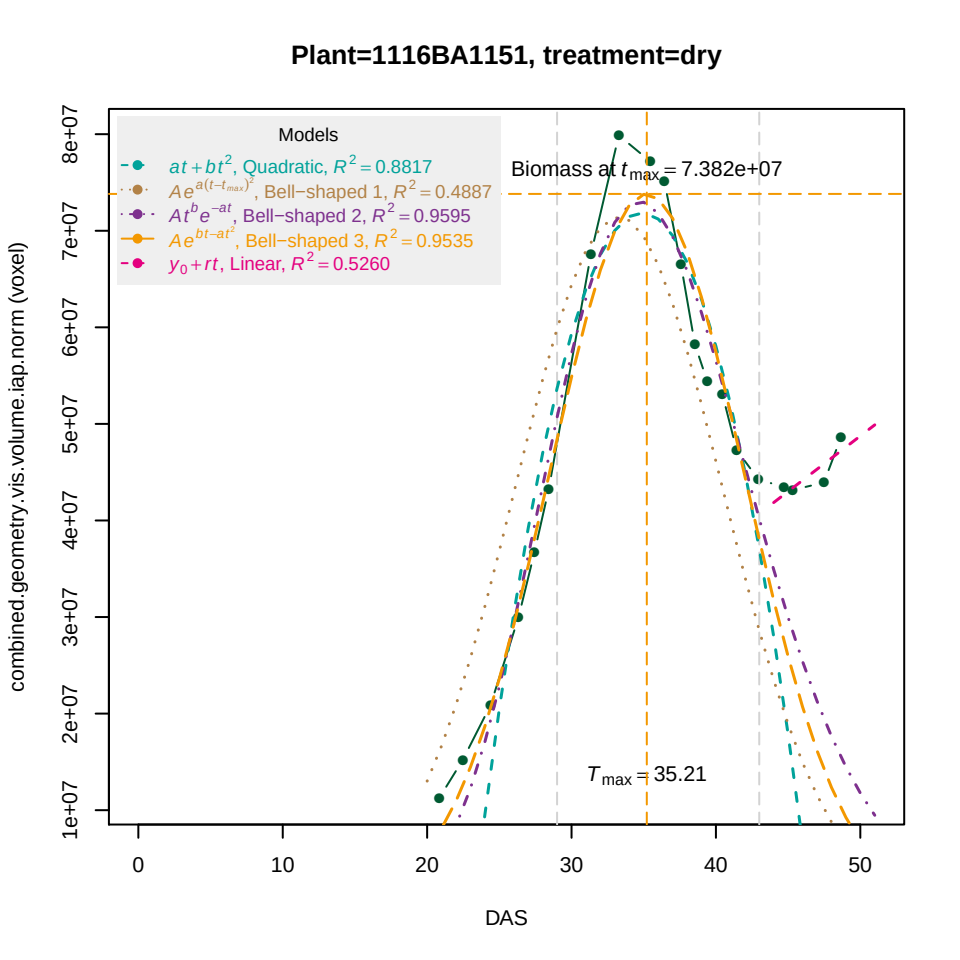

Plant=1116BA1336, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8379$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7549$
At^be^{-at}, Bell−shaped 2, $R^2=0.9359$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9230$
y_0+rt, Linear, $R^2=0.8363$
Biomass at t_{max} = 7.03e+07
T_{max} = 34.43
combined.geometry.vis.volume.iap.norm (voxel)
DAS

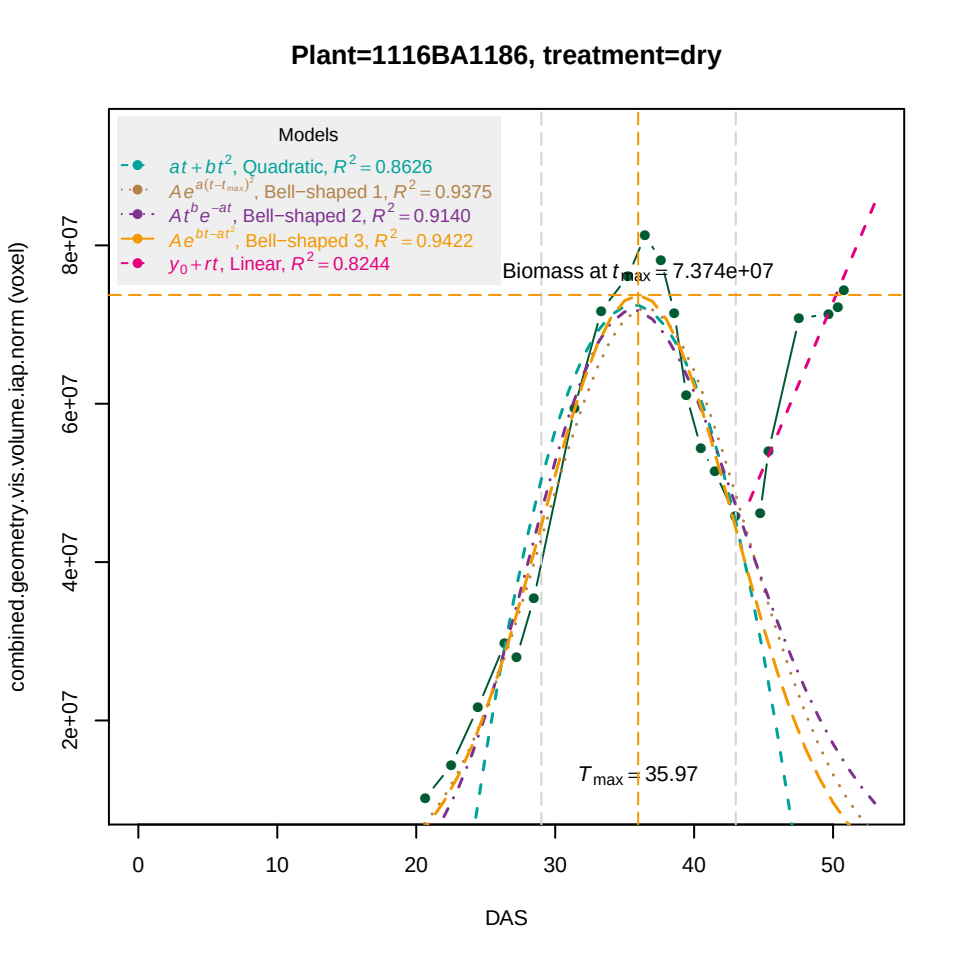

Genotype=ZEA 3651, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7302$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6391$
At^be^{-at}, Bell−shaped 2, $R^2=0.7949$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8100$
y_0+rt, Linear, $R^2=0.3631$
ass at t_{max} = 7.947e+07
Plants of "ZEA 3651"
1116BA1090
1116BA1172
T_{max} = 34.63
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1090, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7436$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8783$
At^be^{-at}, Bell−shaped 2, $R^2=0.8371$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8726$
y_0+rt, Linear, $R^2=0.7823$
Biomass at t_{max} = 7.892e+07
T_{max} = 35.03
combined.geometry.vis.volume.iap.norm (voxel)
DAS

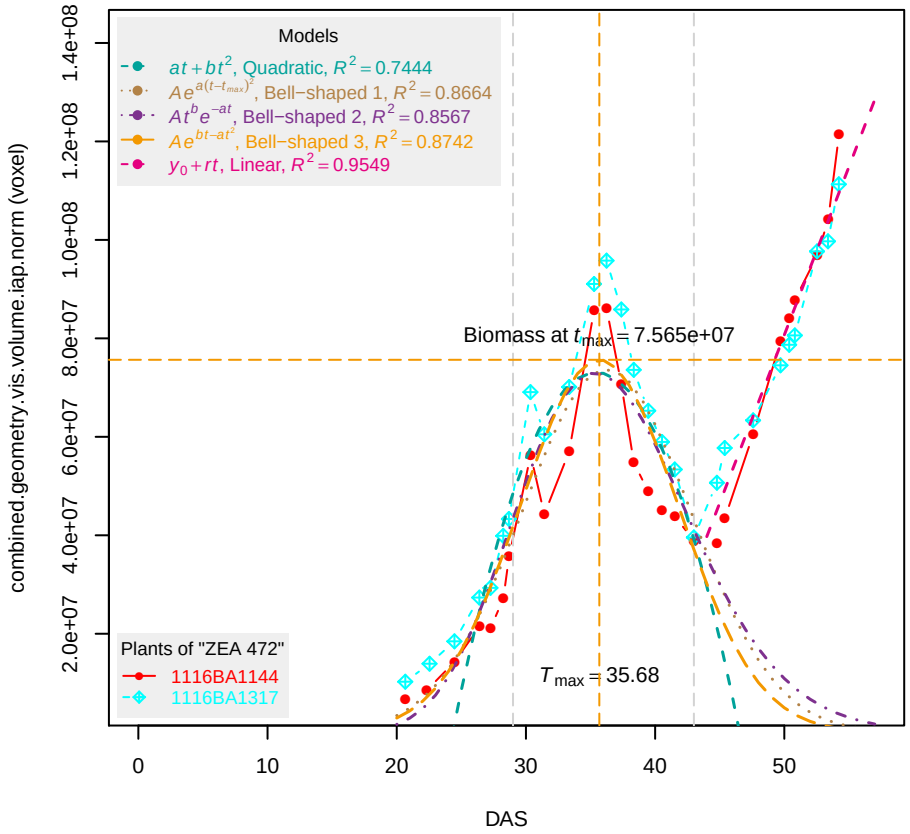

Plant=1116BA1172, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7635$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8234$
At^be^{-at}, Bell−shaped 2, $R^2=0.9037$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8855$
y_0+rt, Linear, $R^2=0.5297$
mass at t_{max} = 8.134e+07
T_{max} = 34.1
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Genotype=ZEA 384, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8683$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9089$
At^be^{-at}, Bell−shaped 2, $R^2=0.9277$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9399$
y_0+rt, Linear, $R^2=0.5731$
Biomass at t_{max} = 7.365e+07
Plants of "ZEA 384"
1116BA1151
1116BA1186
T_{max} = 35.59
combined.geometry.vis.volume.iap.norm (voxel)
DAS

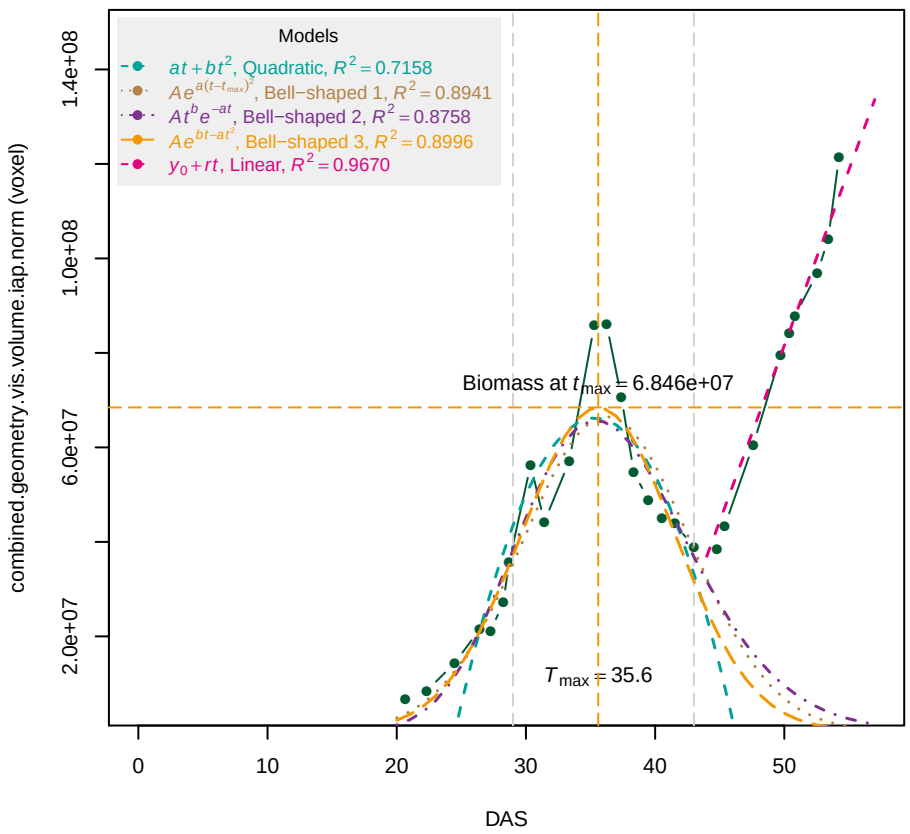

Plant=1116BA1151, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8817$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.4887$
At^be^{-at}, Bell−shaped 2, $R^2=0.9595$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9535$
y_0+rt, Linear, $R^2=0.5260$
Biomass at t_{max} = 7.382e+07
T_{max} = 35.21
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1186, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8626$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9375$
At^be^{-at}, Bell−shaped 2, $R^2=0.9140$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9422$
y_0+rt, Linear, $R^2=0.8244$
Biomass at t_{max} = 7.374e+07
T_{max} = 35.97
combined.geometry.vis.volume.iap.norm (voxel)
DAS

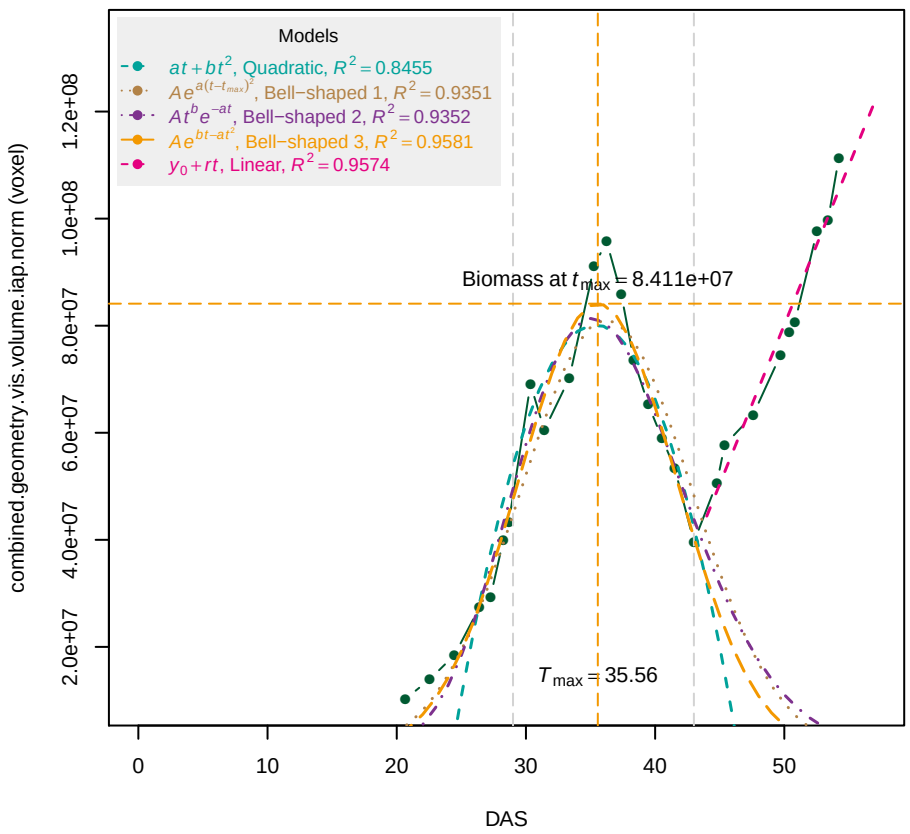
Genotype=ZEA 472, treatment=dry



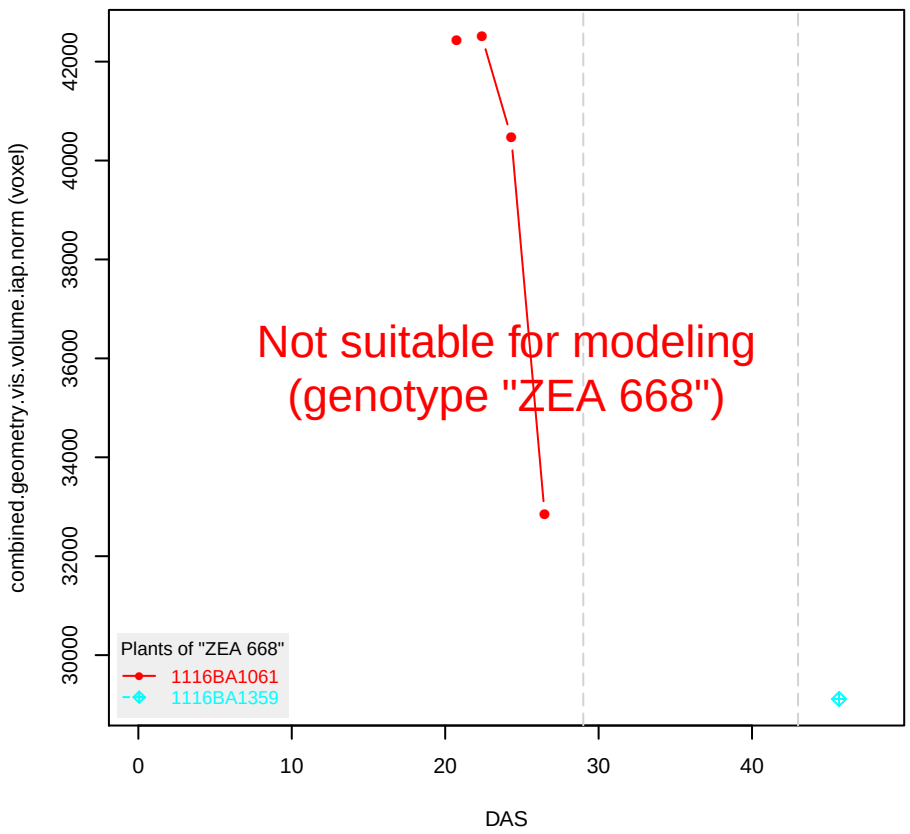
Plant=1116BA1144, treatment=dry

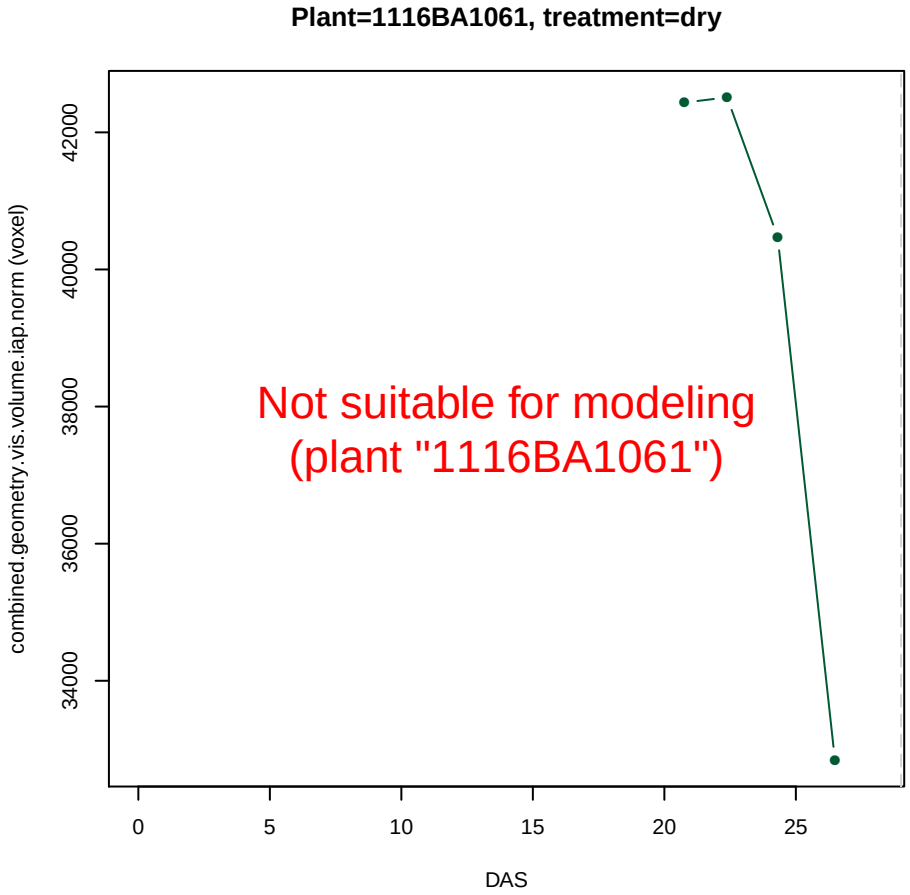


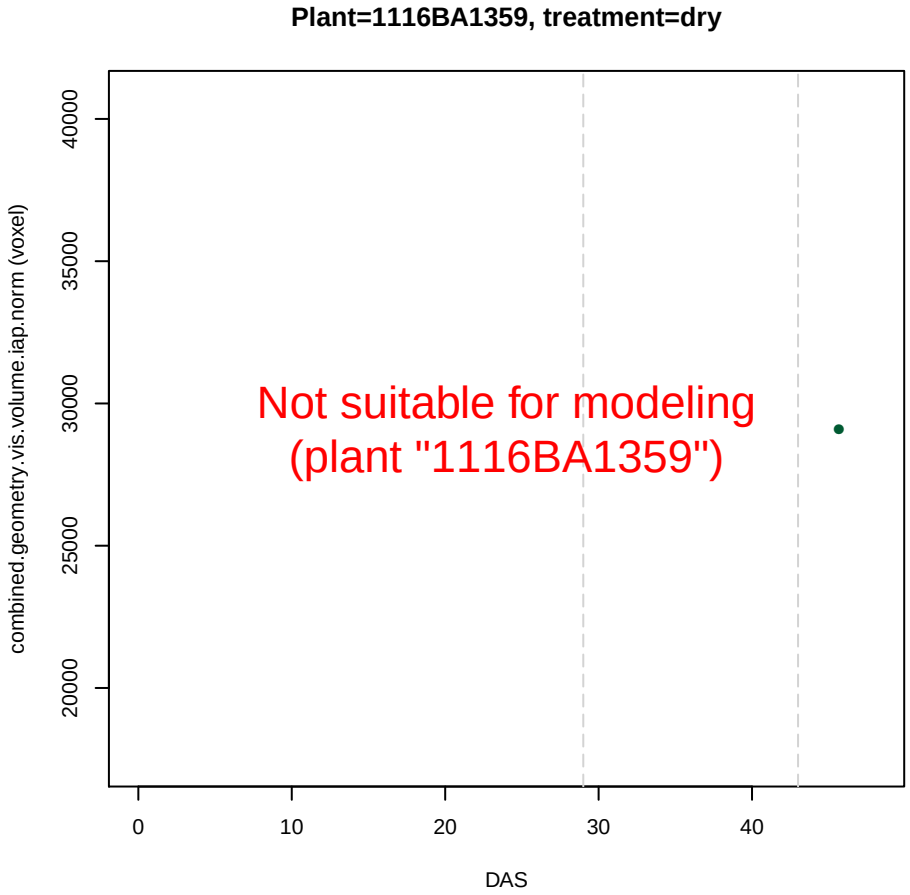
Plant=1116BA1317, treatment=dry

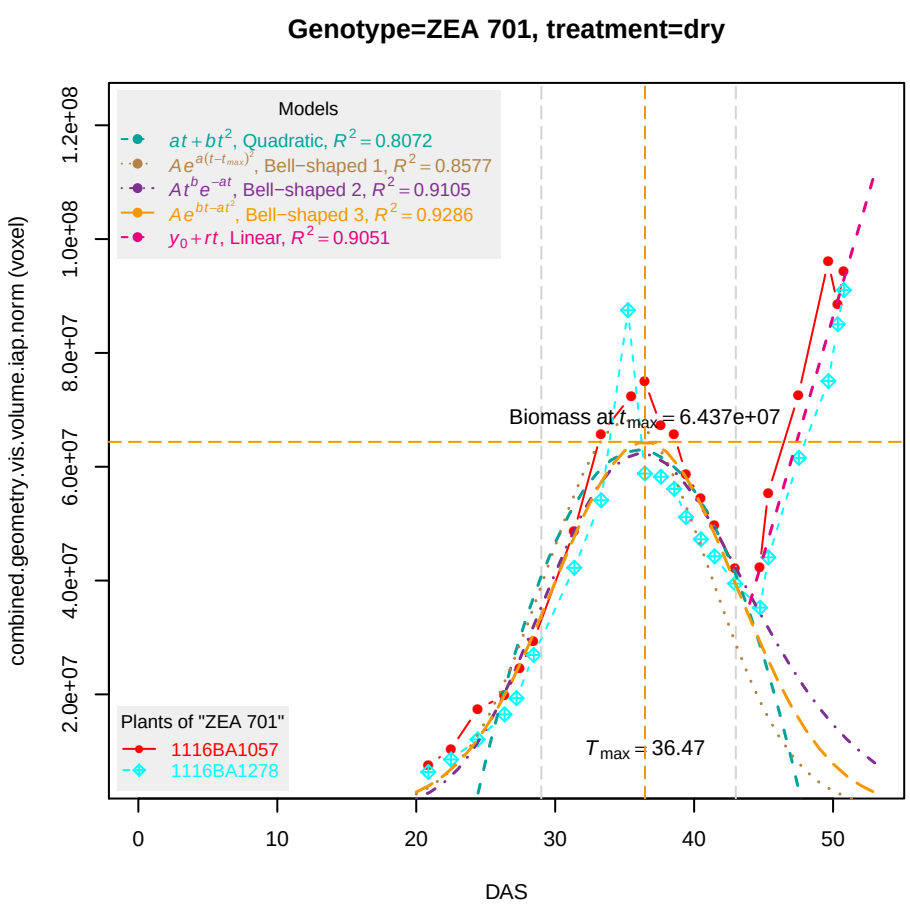


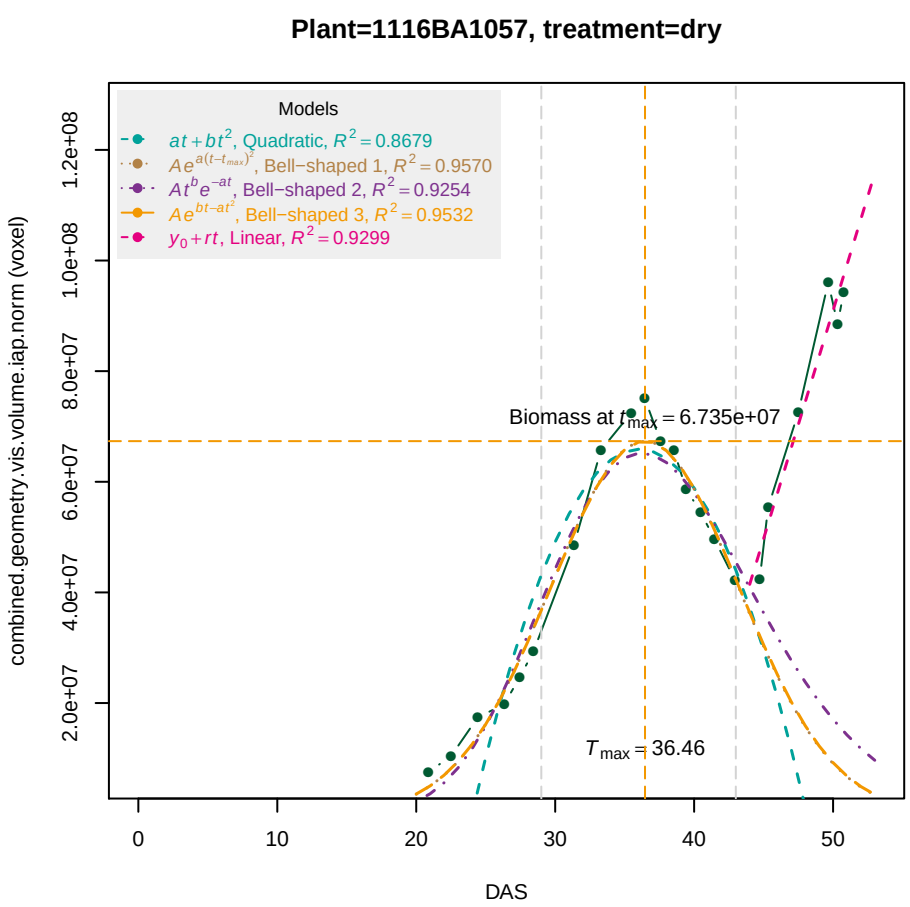
Genotype=ZEA 668, treatment=dry

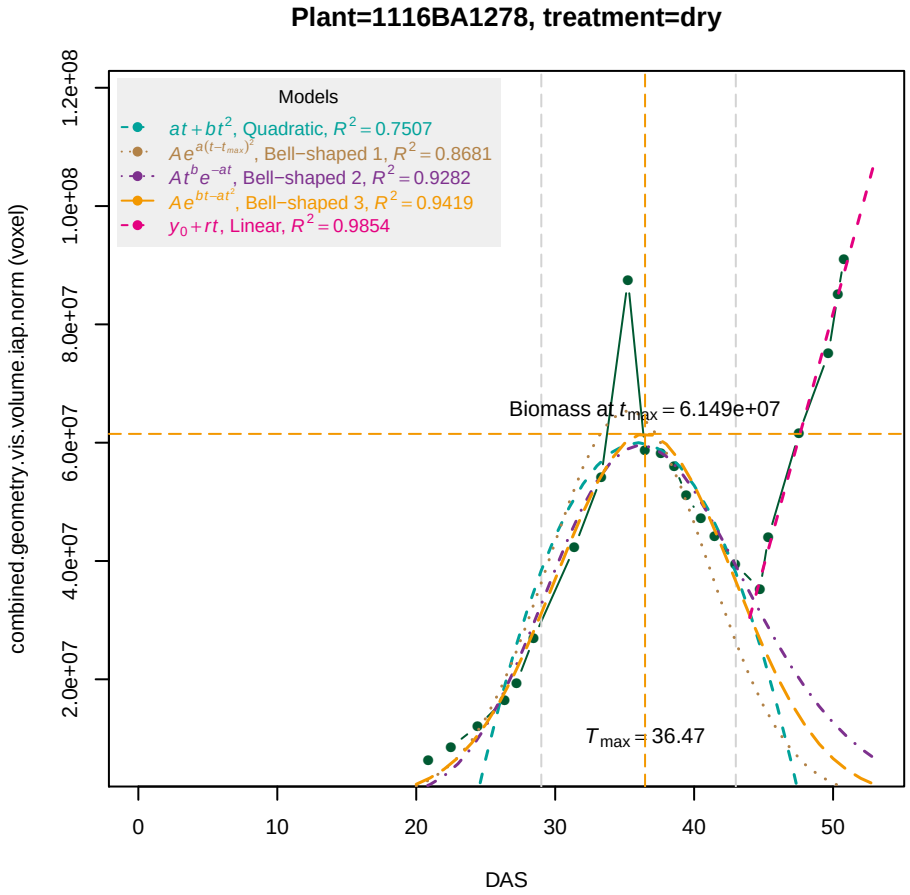


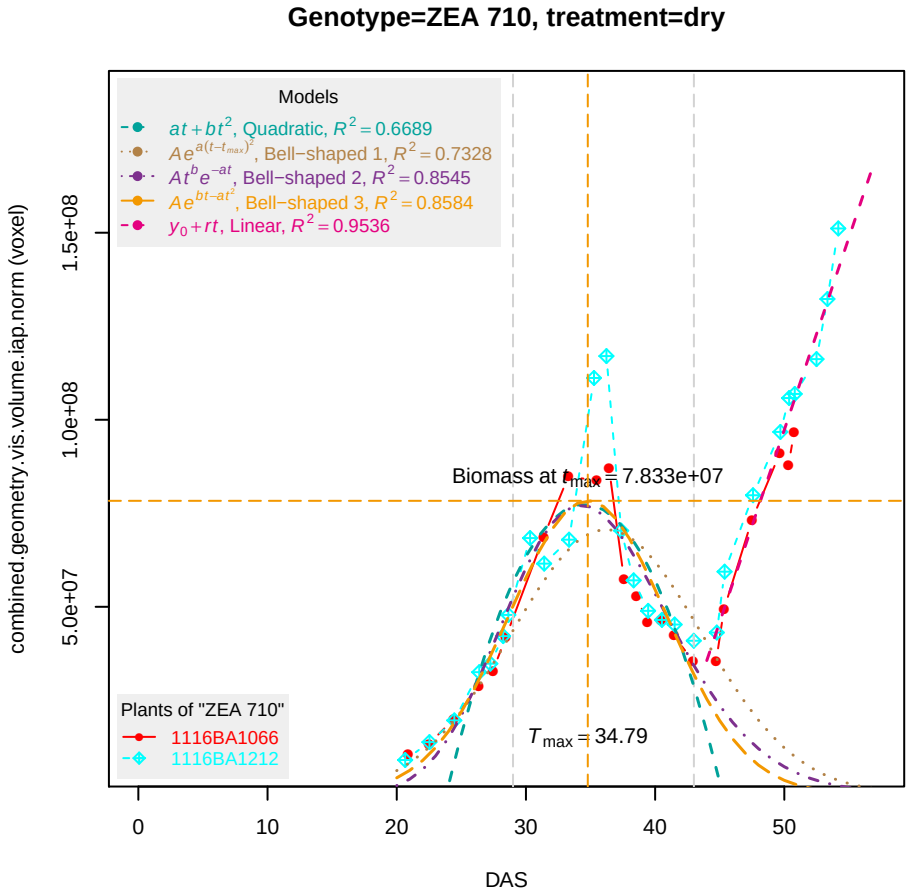

Plant=1116BA1061, treatment=dry
Not suitable for modeling
(plant "1116BA1061")
combined.geometry.vis.volume.iap.norm (voxel)
DAS

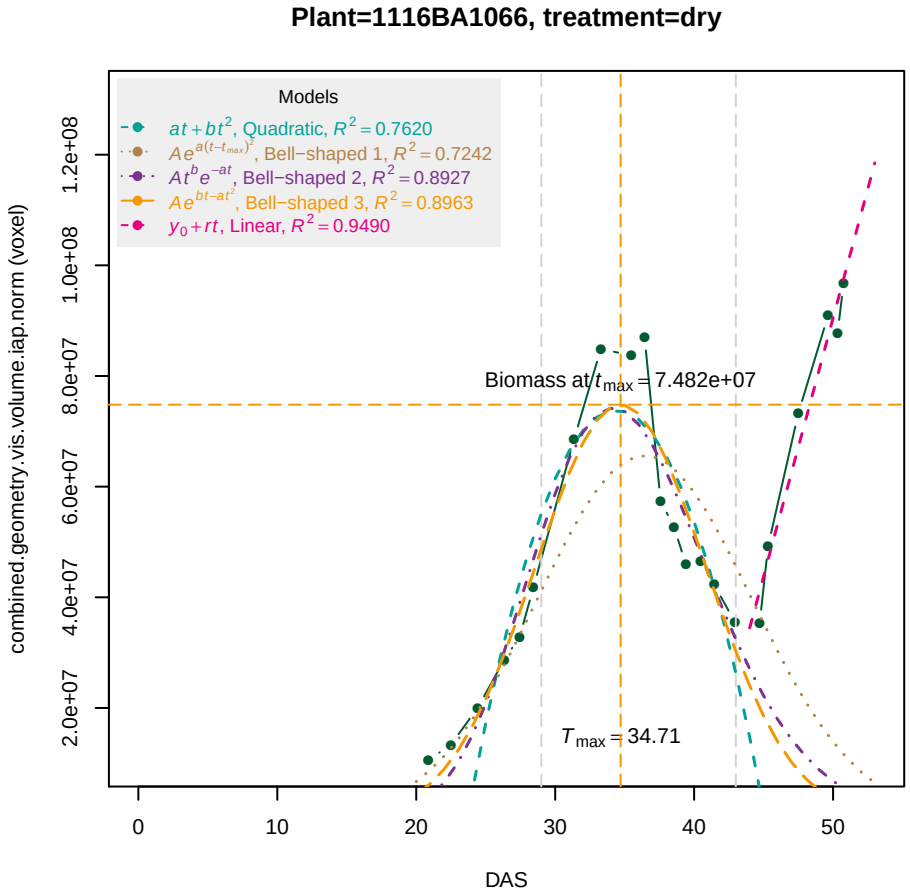

Plant=1116BA1359, treatment=dry
Not suitable for modeling
(plant "1116BA1359")
combined.geometry.vis.volume.iap.norm (voxel)
DAS

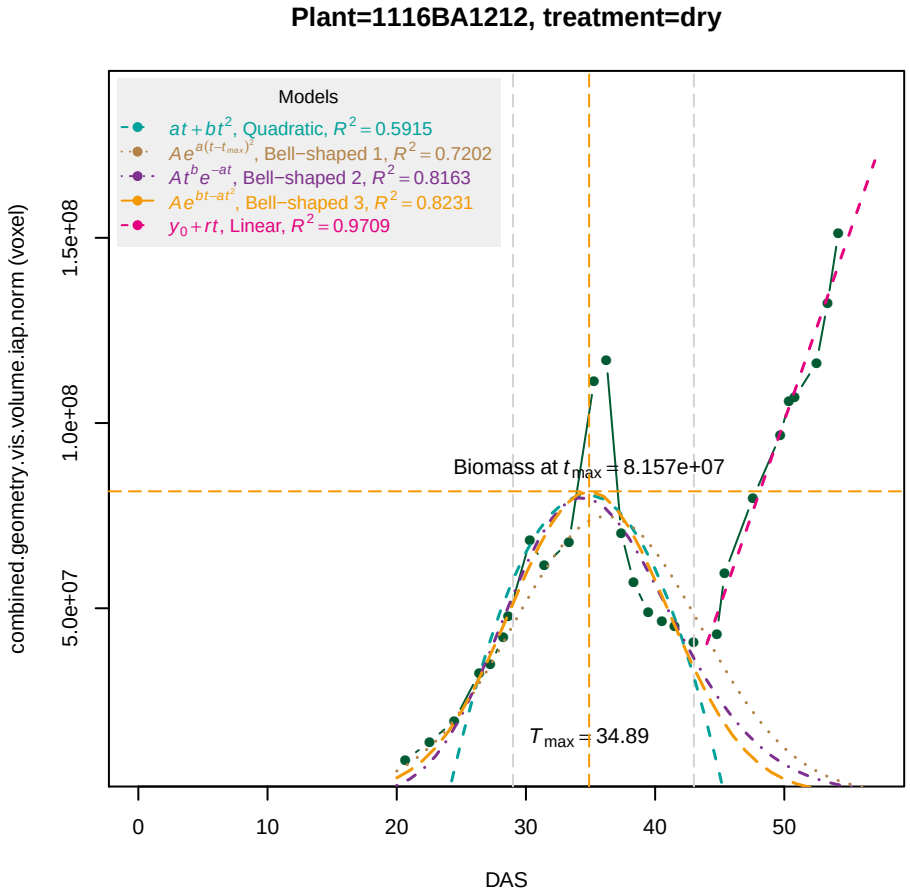

Genotype=ZEA 701, treatment=dry
Models
at + bt², Quadratic, R² = 0.8072
Ae^a(t−t_max)², Bell−shaped 1, R² = 0.8577
At^b e^−at, Bell−shaped 2, R² = 0.9105
Ae^bt−at², Bell−shaped 3, R² = 0.9286
y0 + rt, Linear, R² = 0.9051
Biomass at t_max = 6.437e+07
T_max = 36.47
Plants of "ZEA 701"
1116BA1057
1116BA1278
combined.geometry.vis.volume.iap.norm (voxel)
DAS

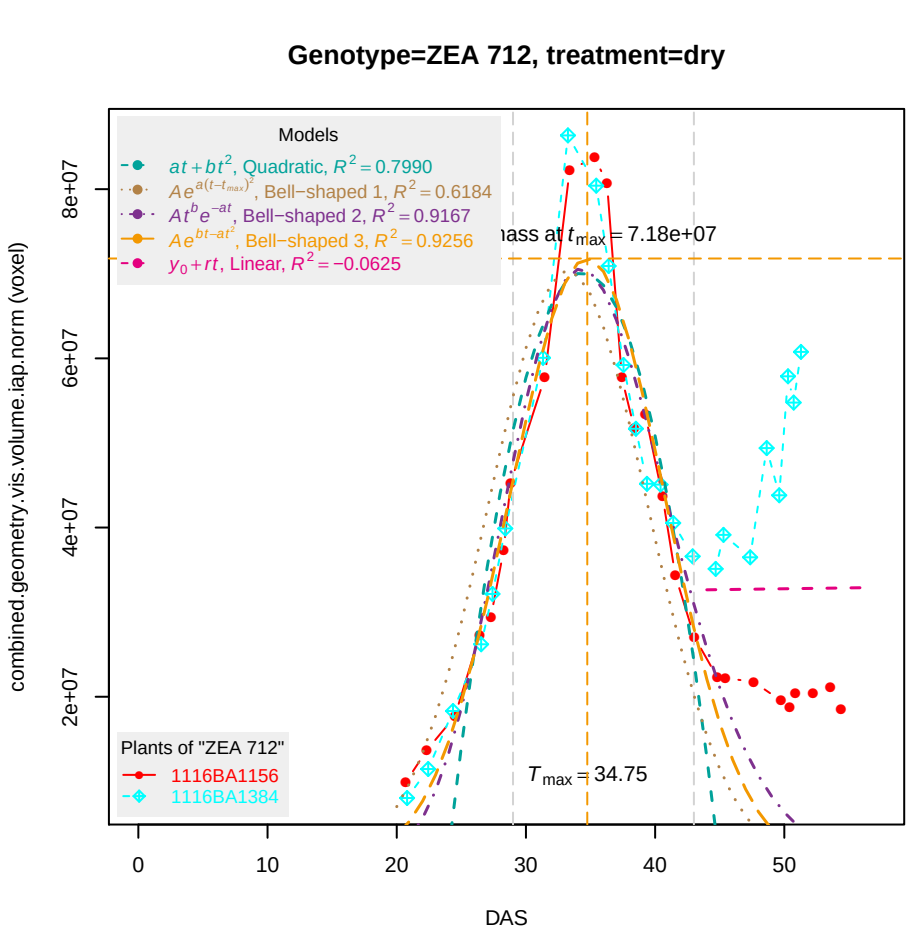

Plant=1116BA1057, treatment=dry
Models
at + bt², Quadratic, R² = 0.8679
Ae^a(t−t_max)², Bell−shaped 1, R² = 0.9570
At^b e^−at, Bell−shaped 2, R² = 0.9254
Ae^bt−at², Bell−shaped 3, R² = 0.9532
y0 + rt, Linear, R² = 0.9299
Biomass at t_max = 6.735e+07
T_max = 36.46
combined.geometry.vis.volume.iap.norm (voxel)
DAS

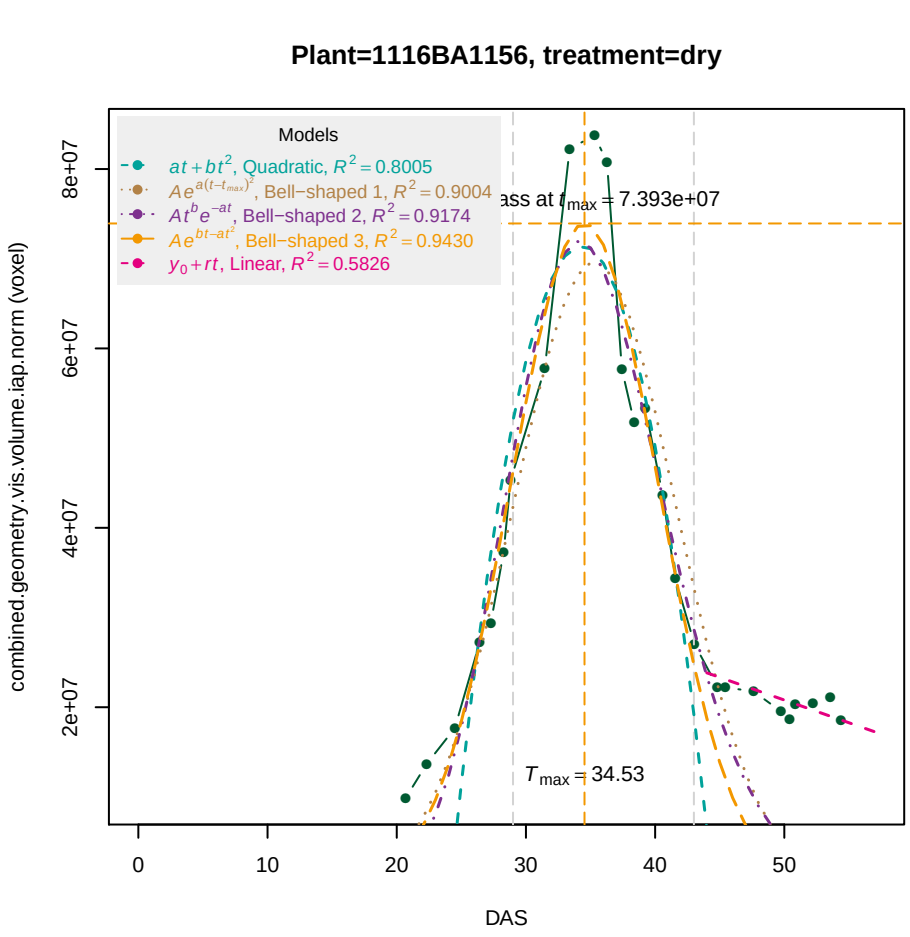

Plant=1116BA1278, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7507$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8681$
At^be^{-at}, Bell−shaped 2, $R^2=0.9282$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9419$
y_0+rt, Linear, $R^2=0.9854$
Biomass at t_{max} = 6.149e+07
T_{max} = 36.47
combined.geometry.vis.volume.iap.norm (voxel)
DAS

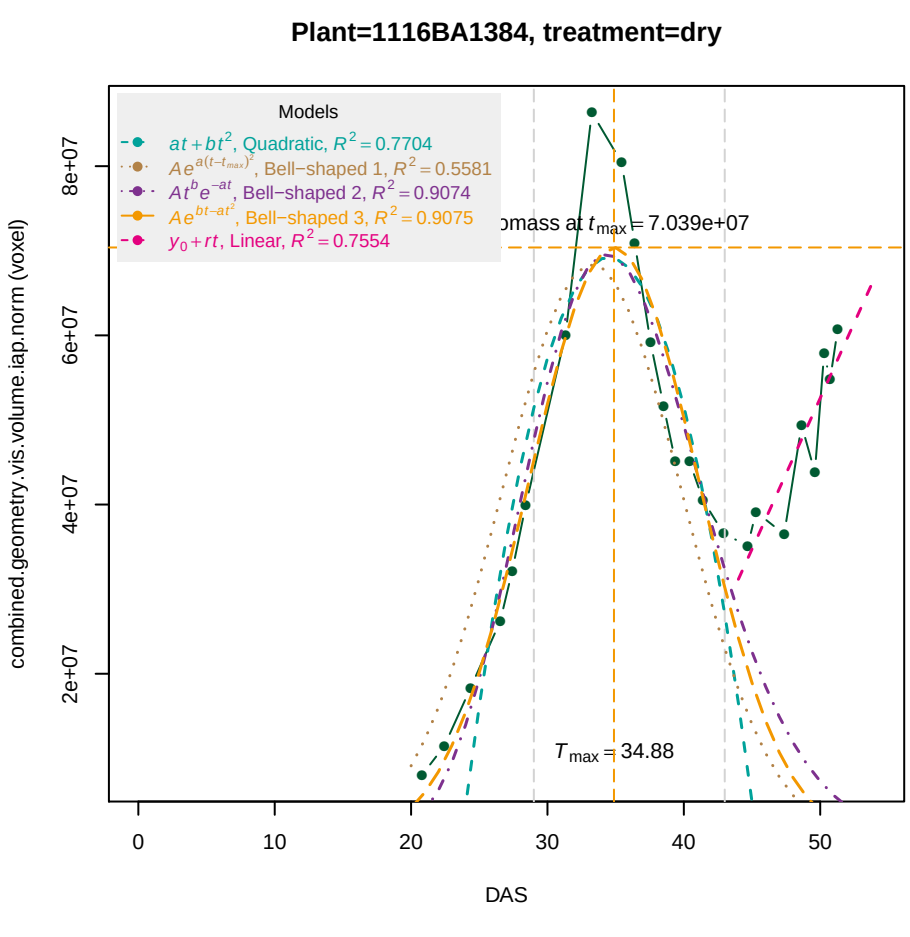

Genotype=ZEA 710, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.6689$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7328$
At^be^{-at}, Bell−shaped 2, $R^2=0.8545$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8584$
y_0+rt, Linear, $R^2=0.9536$
Biomass at t_{max} = 7.833e+07
T_{max} = 34.79
Plants of "ZEA 710"
1116BA1066
1116BA1212
combined.geometry.vis.volume.iap.norm (voxel)
DAS

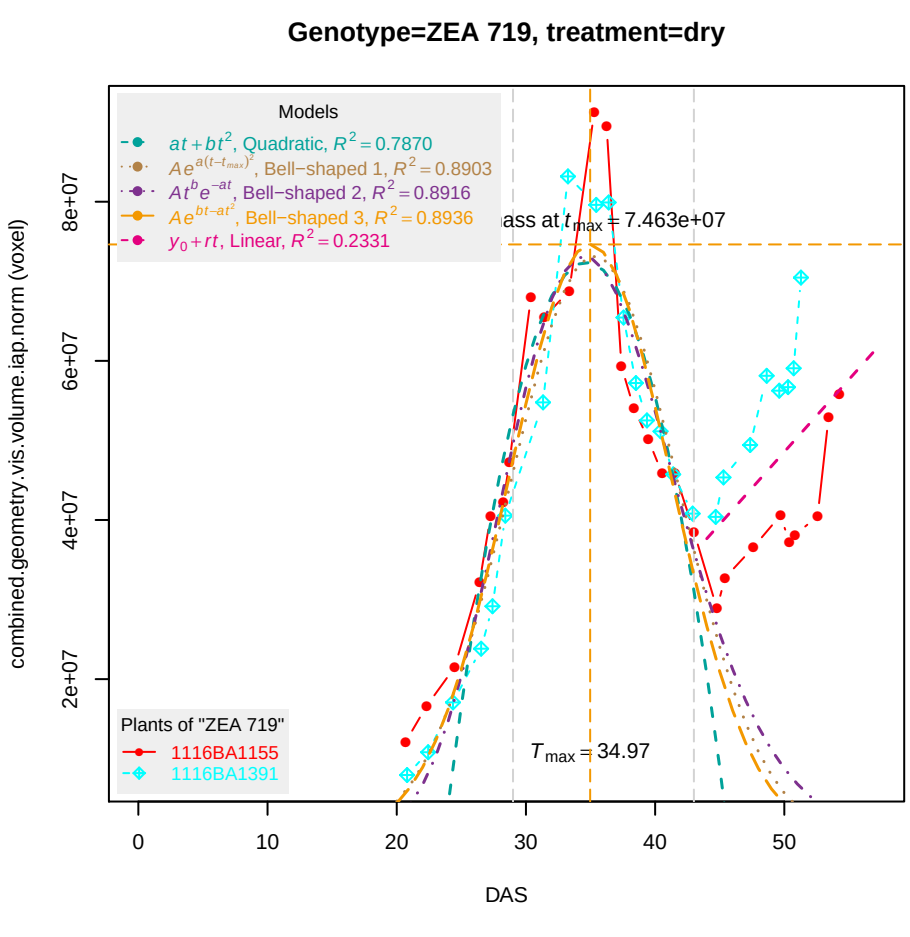

Plant=1116BA1066, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7620$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7242$
At^be^{-at}, Bell−shaped 2, $R^2=0.8927$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8963$
y_0+rt, Linear, $R^2=0.9490$
Biomass at t_{max} = 7.482e+07
T_{max} = 34.71
combined.geometry.vis.volume.iap.norm (voxel)
DAS

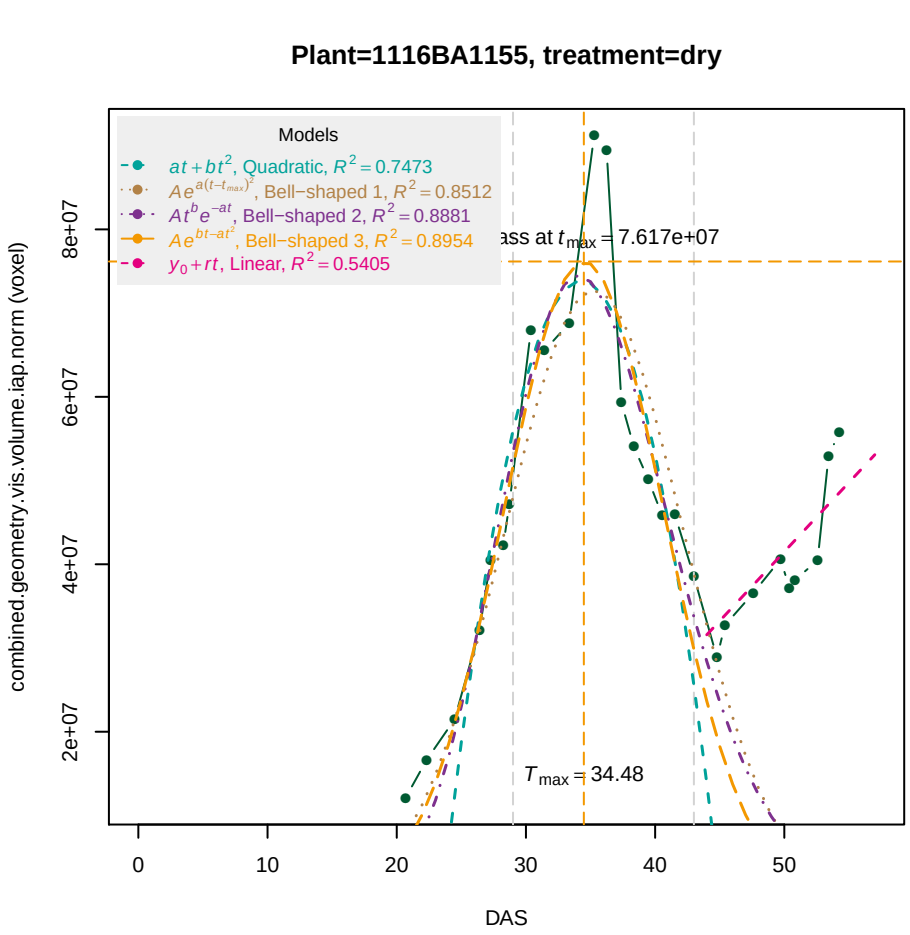

Plant=1116BA1212, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.5915$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.7202$
At^be^{-at}, Bell−shaped 2, $R^2=0.8163$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8231$
y_0+rt, Linear, $R^2=0.9709$
Biomass at t_{max} = 8.157e+07
T_{max} = 34.89
combined.geometry.vis.volume.iap.norm (voxel)
DAS

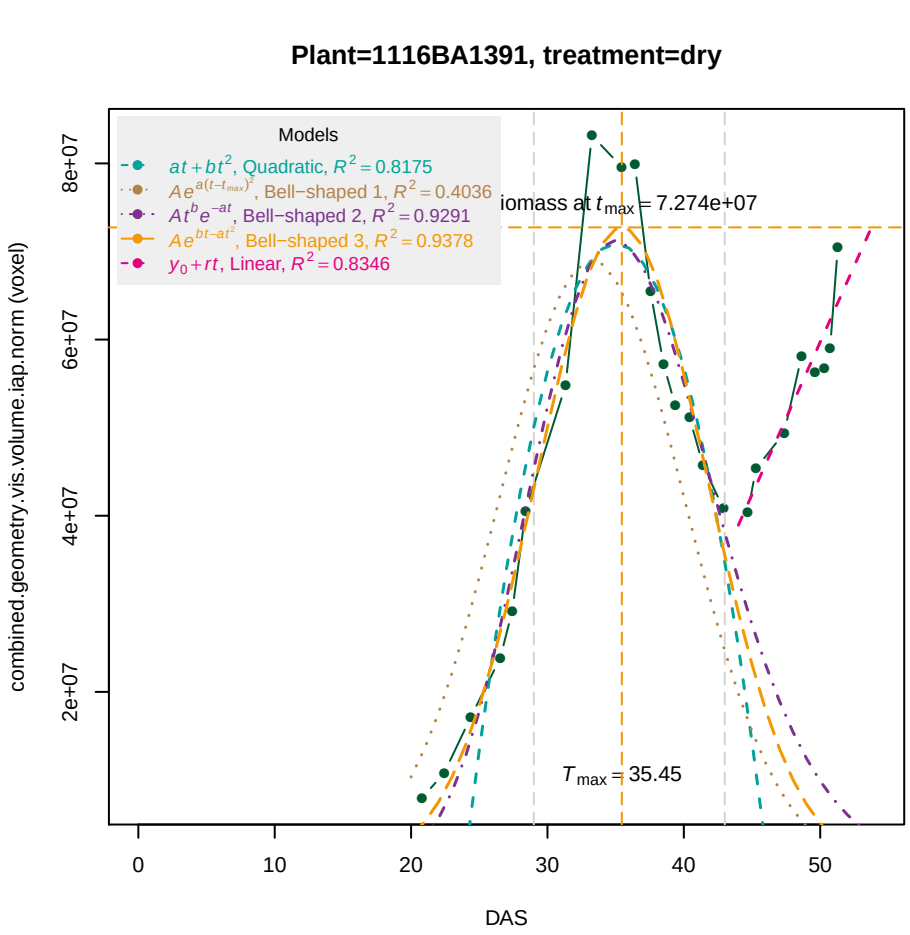

Genotype=ZEA 712, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7990$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.6184$
At^be^{-at}, Bell−shaped 2, $R^2=0.9167$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9256$
y_0+rt, Linear, $R^2=-0.0625$
ıass at t_{max} = 7.18e+07
Plants of "ZEA 712"
1116BA1156
1116BA1384
T_{max} = 34.75
combined.geometry.vis.volume.iap.norm (voxel)
DAS

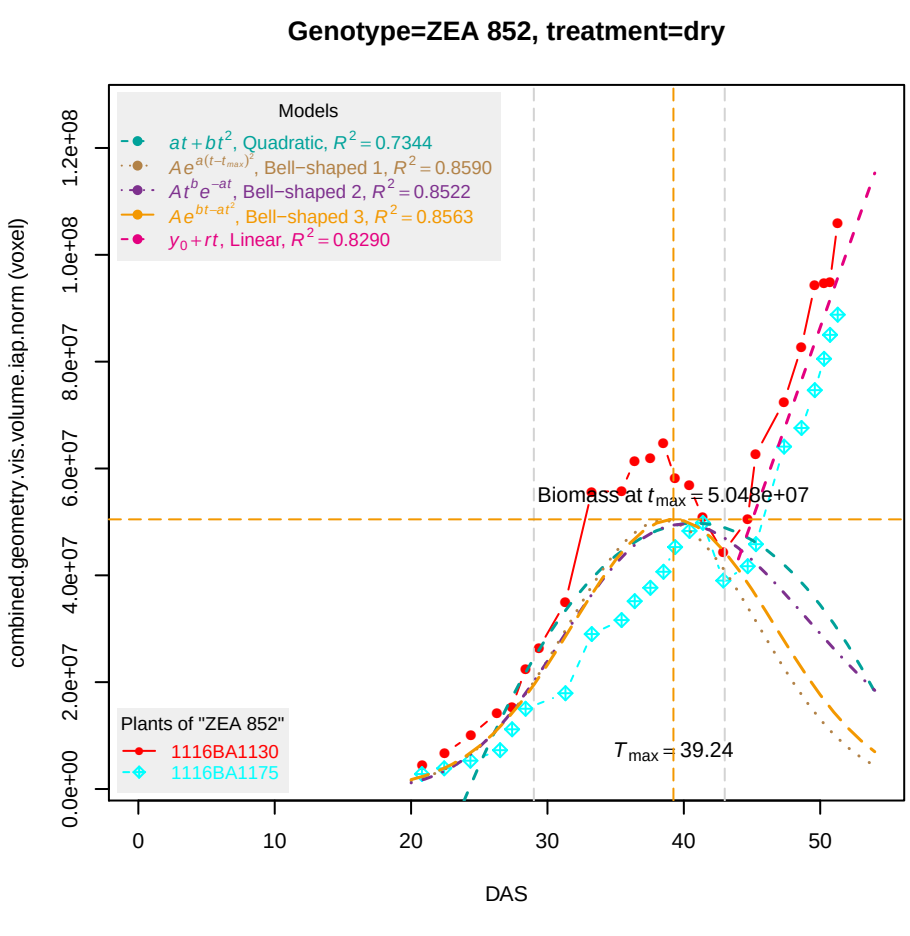

Plant=1116BA1156, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8005$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9004$
At^be^{-at}, Bell−shaped 2, $R^2=0.9174$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9430$
y_0+rt, Linear, $R^2=0.5826$
ass at t_{max} = 7.393e+07
T_{max} = 34.53
combined.geometry.vis.volume.iap.norm (voxel)
DAS

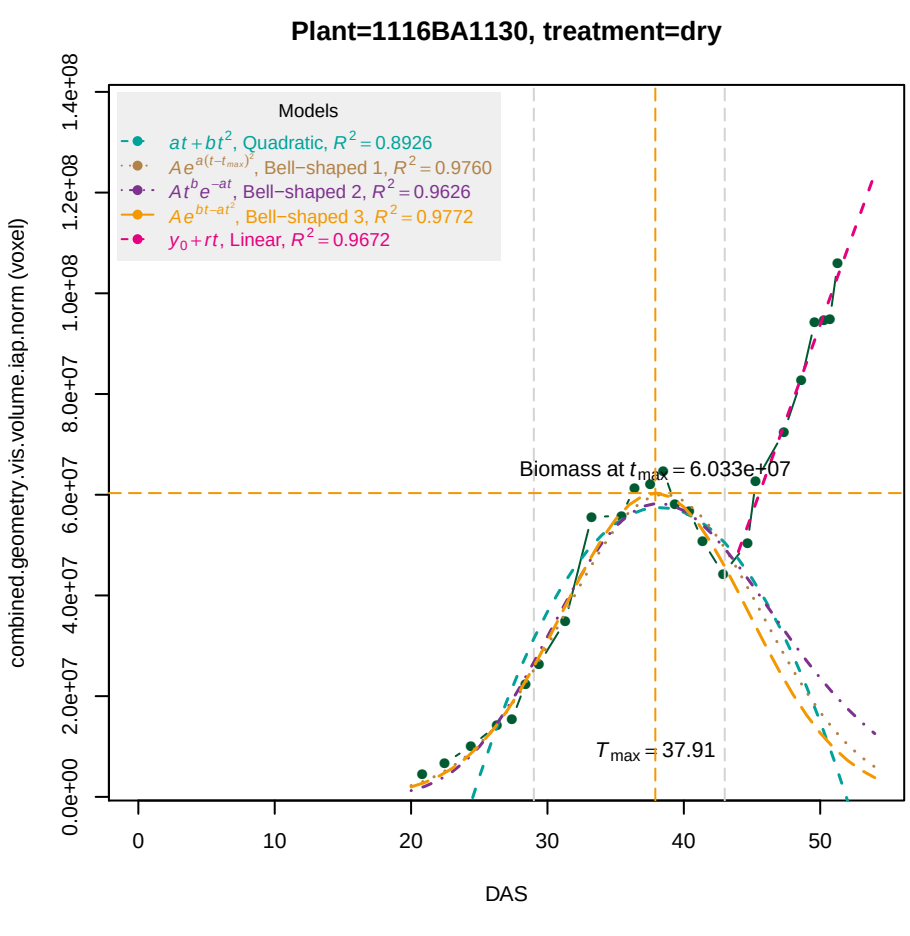

Plant=1116BA1384, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7704$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.5581$
At^be^{-at}, Bell−shaped 2, $R^2=0.9074$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9075$
y_0+rt, Linear, $R^2=0.7554$
ɔmass at t_{max} = 7.039e+07
T_{max} = 34.88
combined.geometry.vis.volume.iap.norm (voxel)
DAS

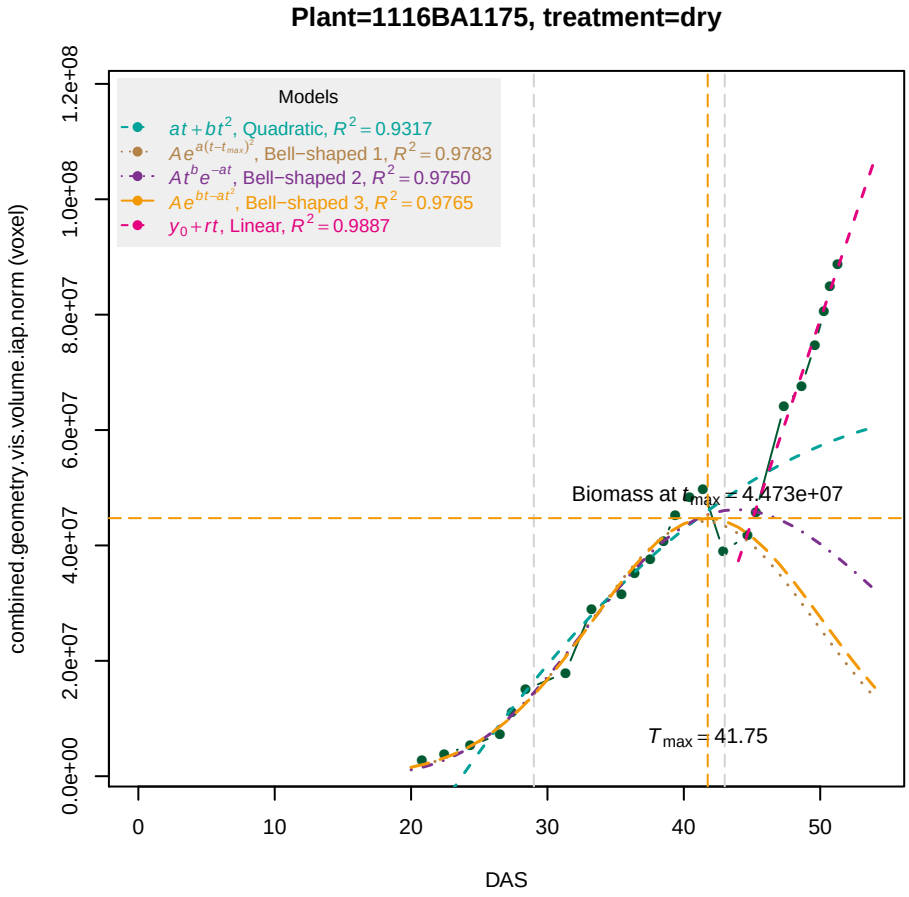

Genotype=ZEA 719, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7870$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8903$
At^be^{-at}, Bell−shaped 2, $R^2=0.8916$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8936$
y_0+rt, Linear, $R^2=0.2331$
ass at t_{max} = 7.463e+07
Plants of "ZEA 719"
1116BA1155
1116BA1391
T_{max} = 34.97
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1155, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7473$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8512$
At^be^{-at}, Bell−shaped 2, $R^2=0.8881$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8954$
y_0+rt, Linear, $R^2=0.5405$
ass at t_{max} = 7.617e+07
T_{max} = 34.48
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1391, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8175$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.4036$
At^be^{-at}, Bell−shaped 2, $R^2=0.9291$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9378$
y_0+rt, Linear, $R^2=0.8346$
iomass at t_{max} = 7.274e+07
T_{max} = 35.45
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Genotype=ZEA 852, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.7344$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.8590$
At^be^{-at}, Bell−shaped 2, $R^2=0.8522$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.8563$
y_0+rt, Linear, $R^2=0.8290$
Biomass at t_{max} = 5.048e+07
T_{max} = 39.24
Plants of "ZEA 852"
1116BA1130
1116BA1175
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1130, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.8926$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9760$
At^be^{-at}, Bell−shaped 2, $R^2=0.9626$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9772$
y_0+rt, Linear, $R^2=0.9672$
Biomass at t_{max} = 6.033e+07
T_{max} = 37.91
combined.geometry.vis.volume.iap.norm (voxel)
DAS


Plant=1116BA1175, treatment=dry
Models
$at+bt^2$, Quadratic, $R^2=0.9317$
$Ae^{a(t-t_{max})^2}$, Bell−shaped 1, $R^2=0.9783$
At^be^{-at}, Bell−shaped 2, $R^2=0.9750$
Ae^{bt-at^2}, Bell−shaped 3, $R^2=0.9765$
y_0+rt, Linear, $R^2=0.9887$
Biomass at t_{max} = 4.473e+07
T_{max} = 41.75
combined.geometry.vis.volume.iap.norm (voxel)
0.0e+00
2.0e+07
4.0e+07
6.0e+07
8.0e+07
1.0e+08
1.2e+08
0
10
20
30
40
50
DAS