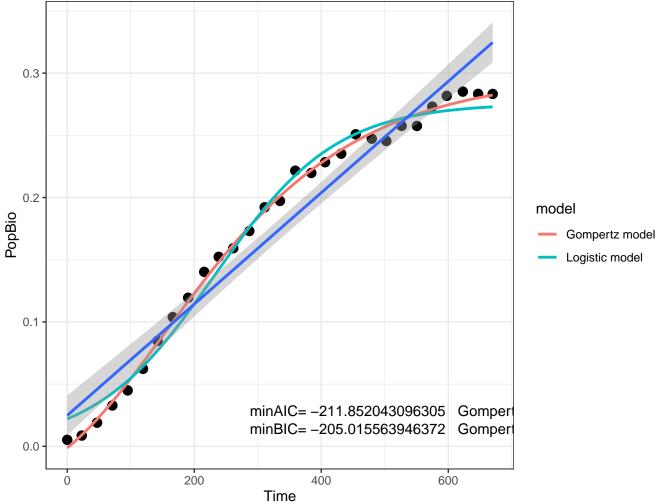
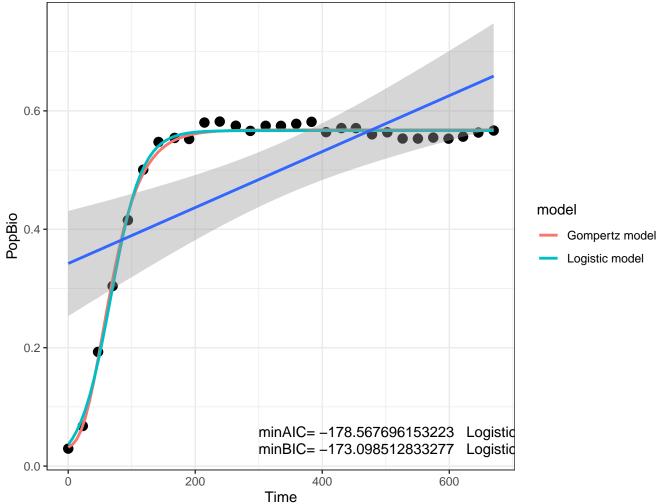
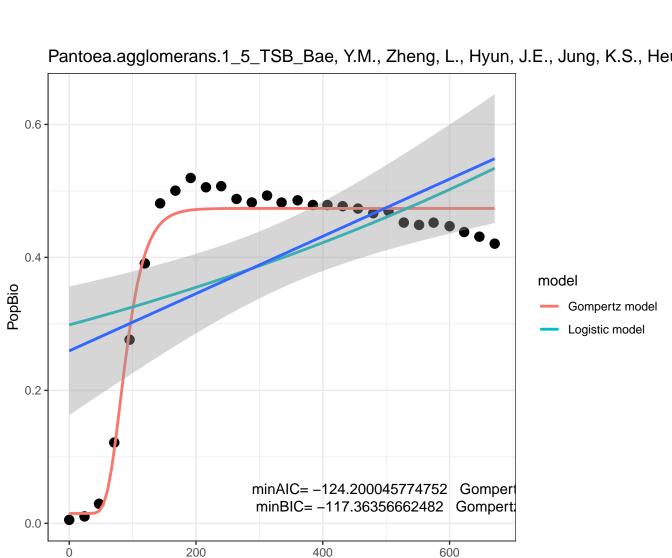
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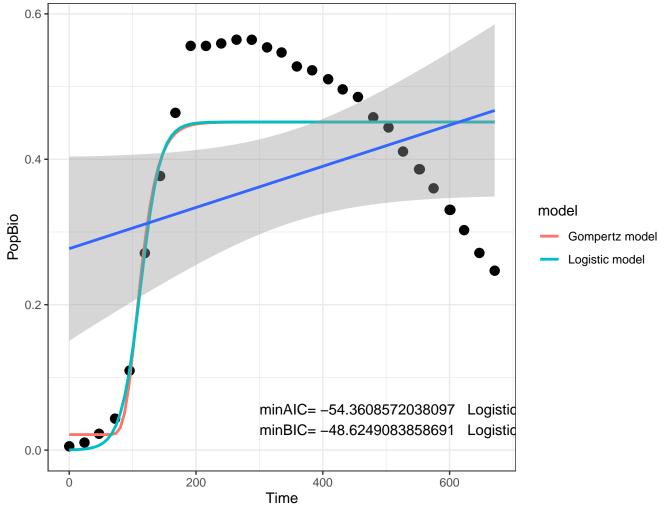
Enterobacter.sp._5_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., Heu, S. an





Time

Pantoea.agglomerans.2_5_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., He



Bacillus.pumilus_5_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., Heu, S. an 0.4 0.3 ogdo 0.25 model Gompertz model Logistic model 0.1

600

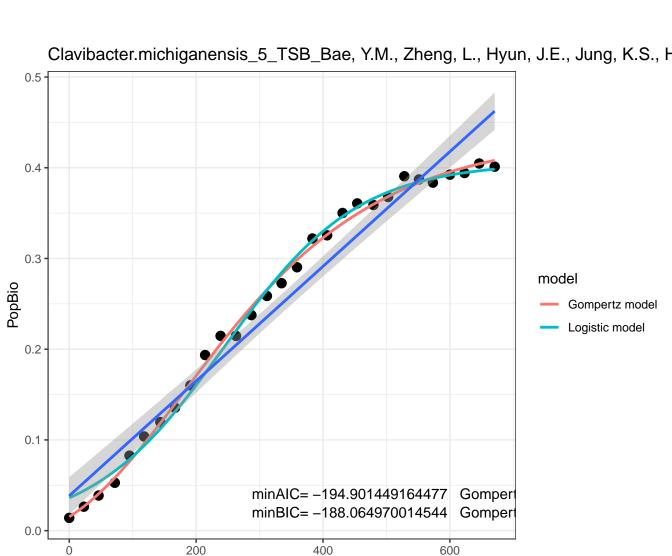
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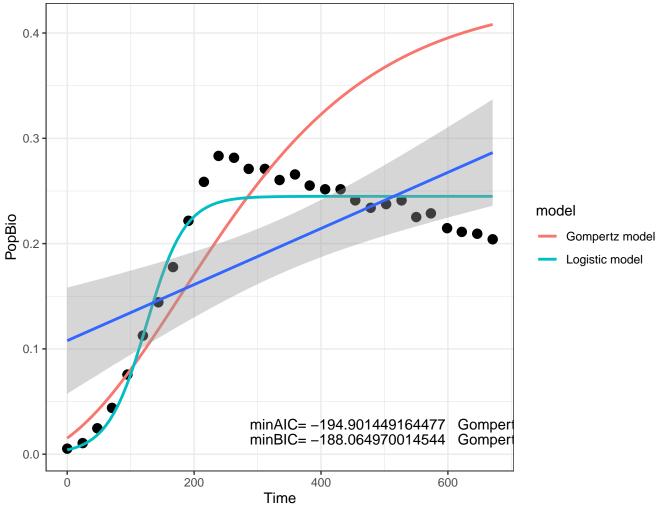
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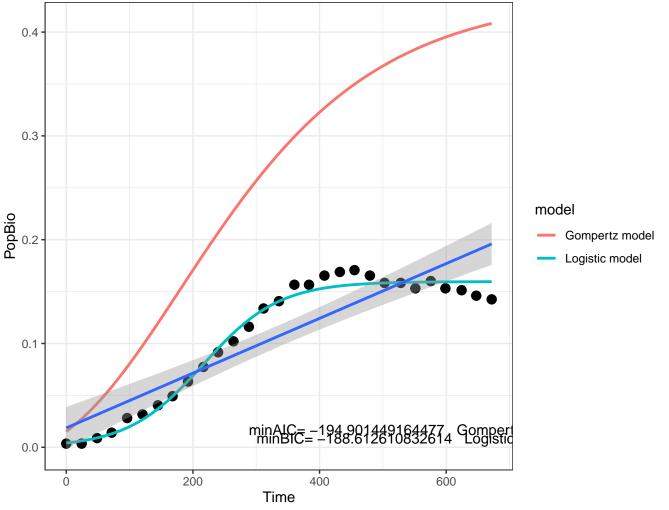


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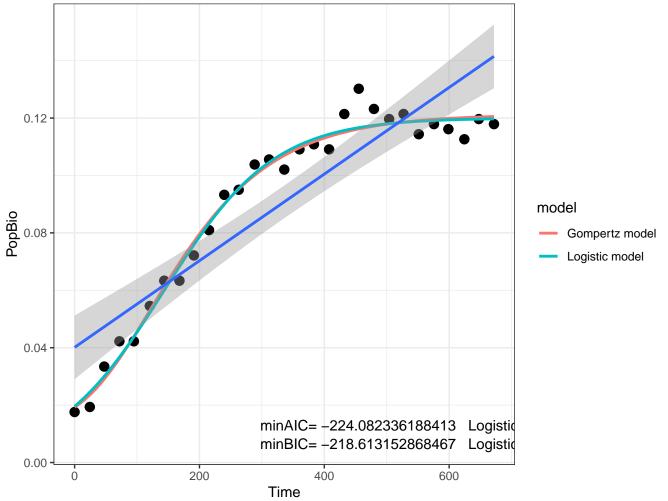
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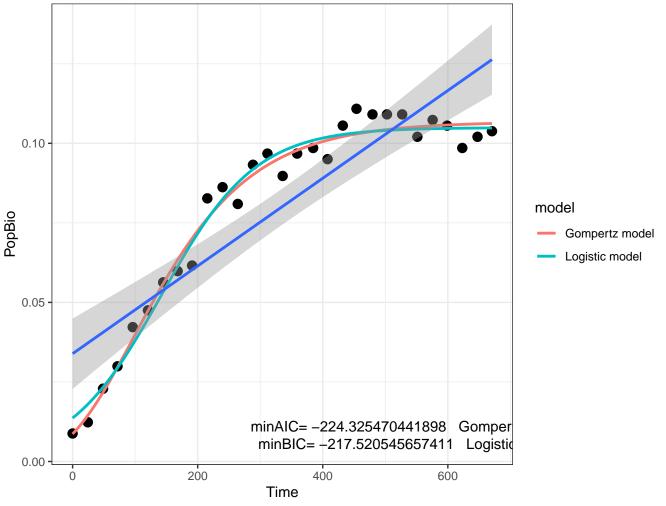
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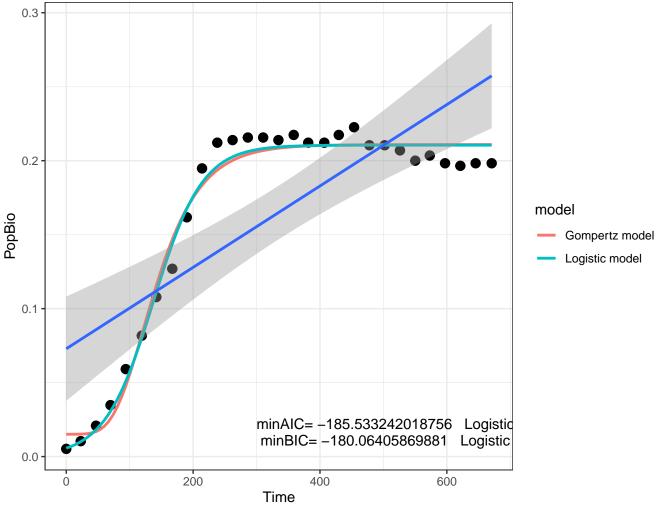
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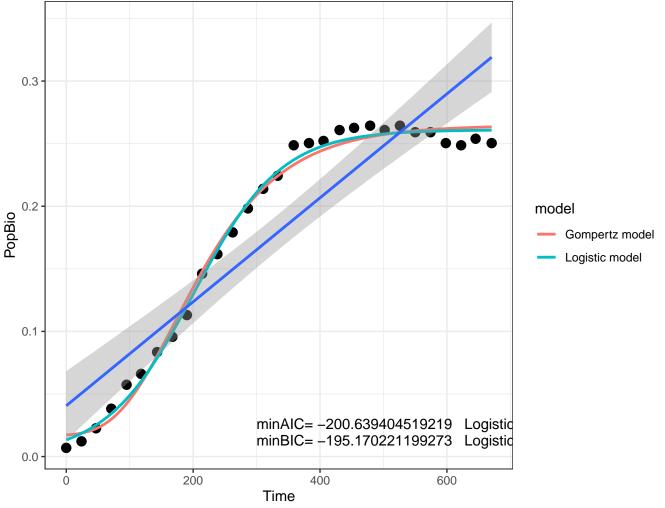
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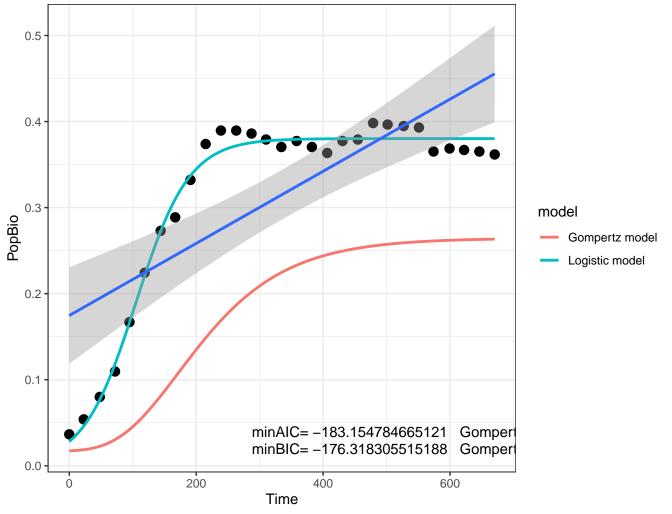
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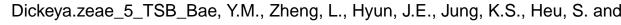


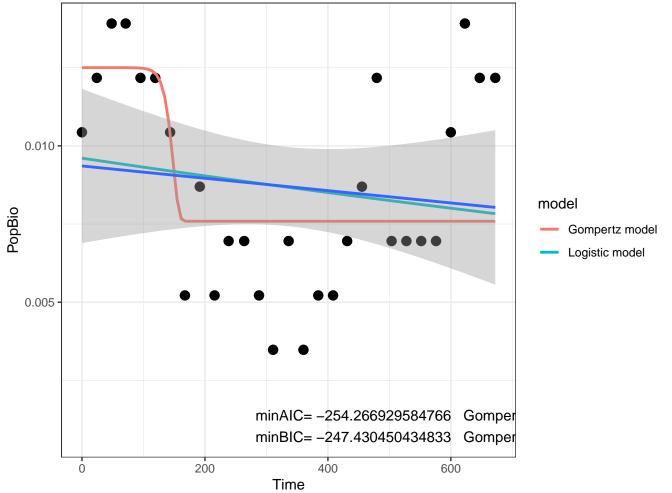
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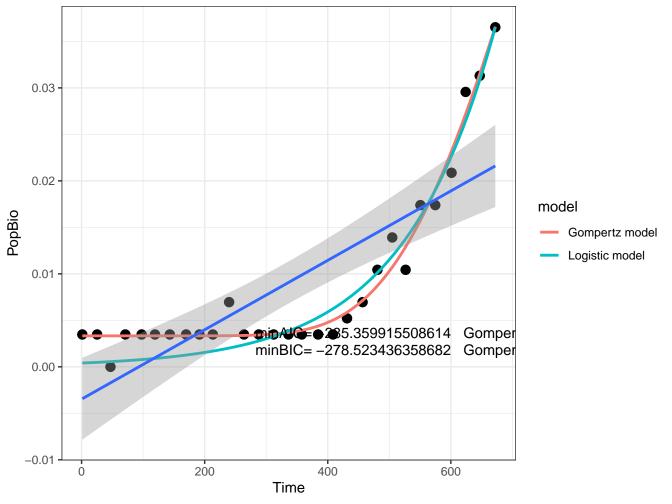
Klebsiella.pneumonia_5_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., Heu,



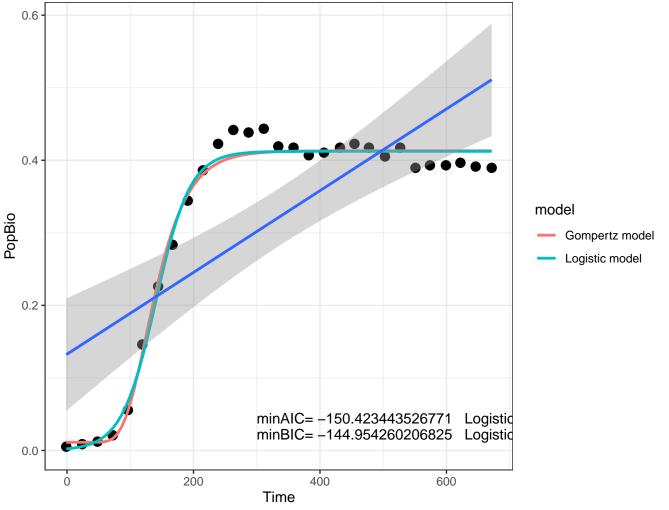


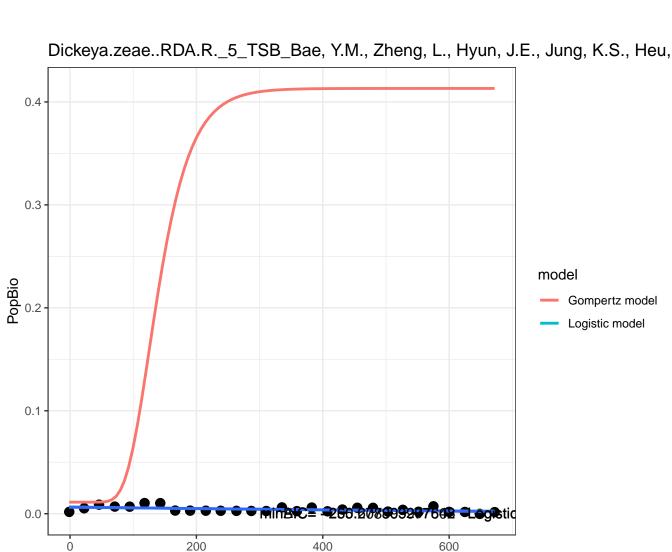


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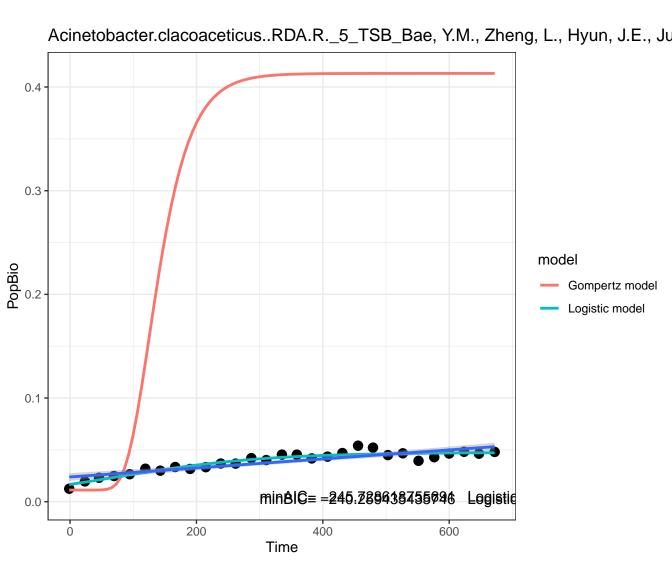


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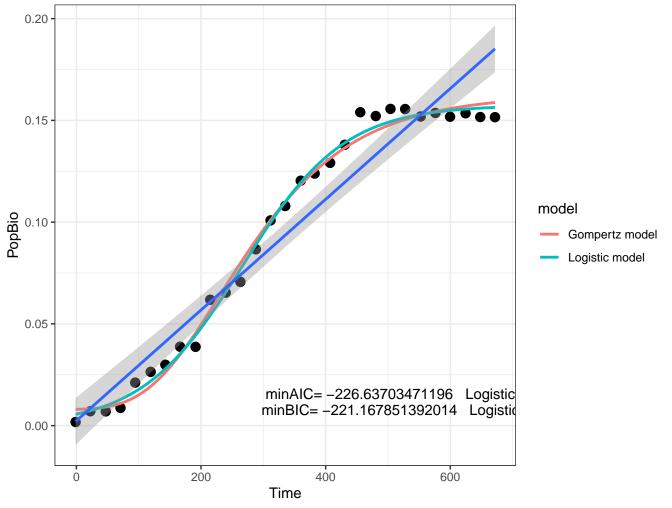


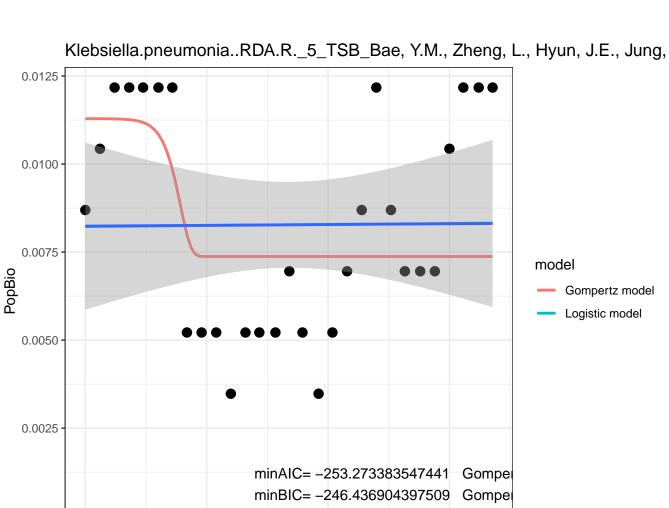


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Stenotrophomonas.maltophilia..RDA.R._5_TSB_Bae, Y.M., Zheng, L., Hyun, J.E.





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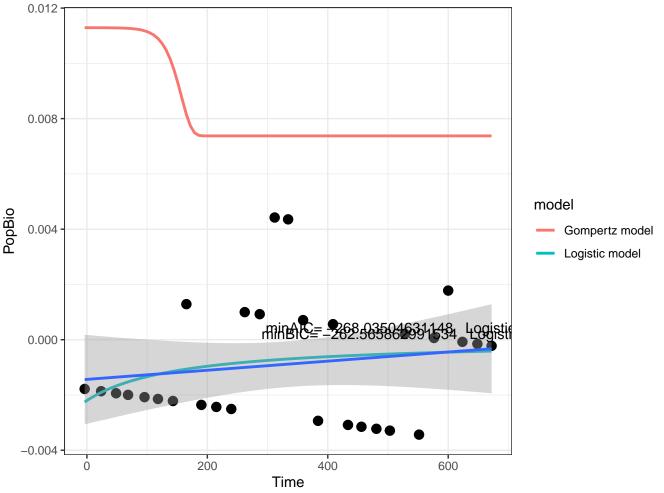
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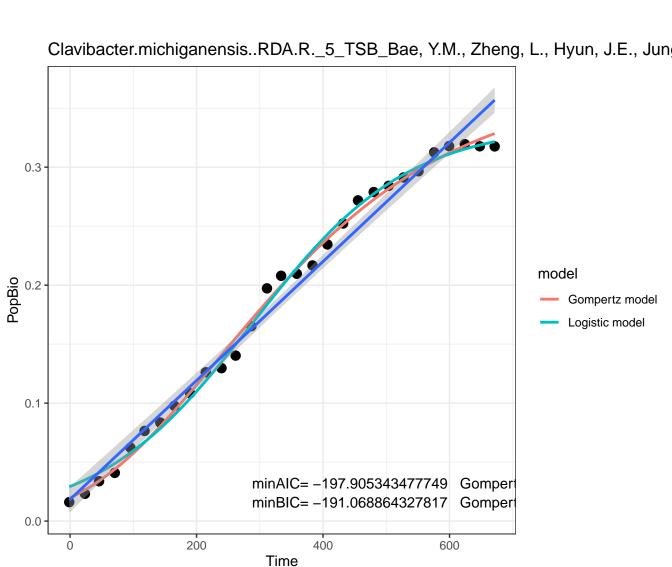
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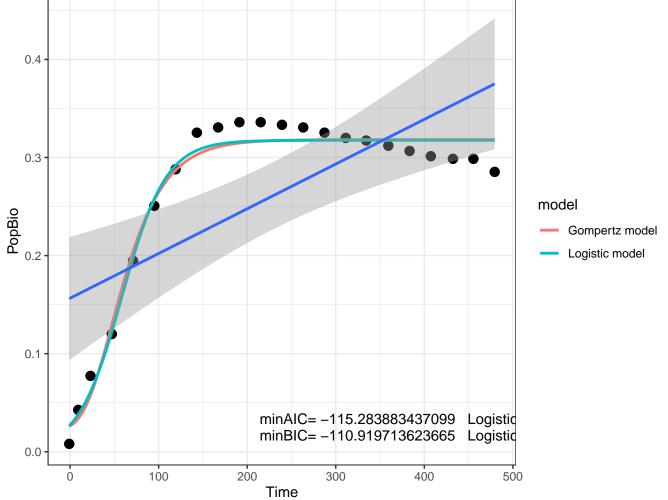
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Bacillus.pumilus..RDA.R._5_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S.,

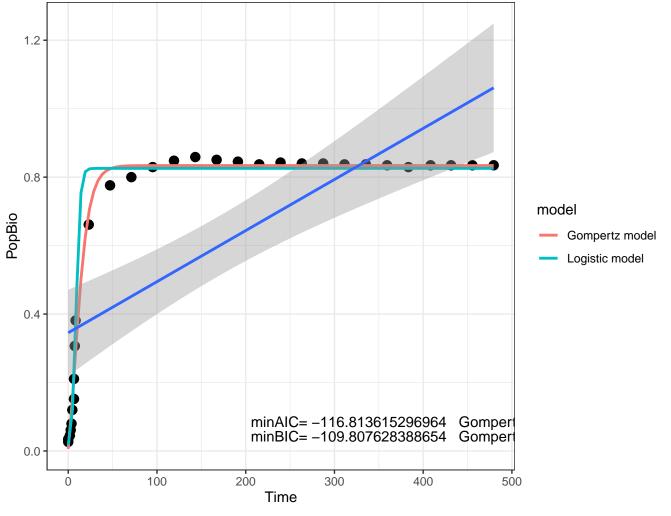


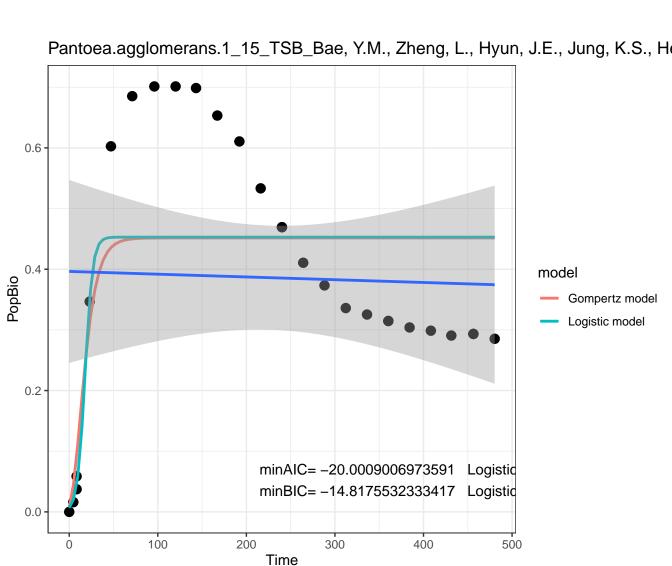


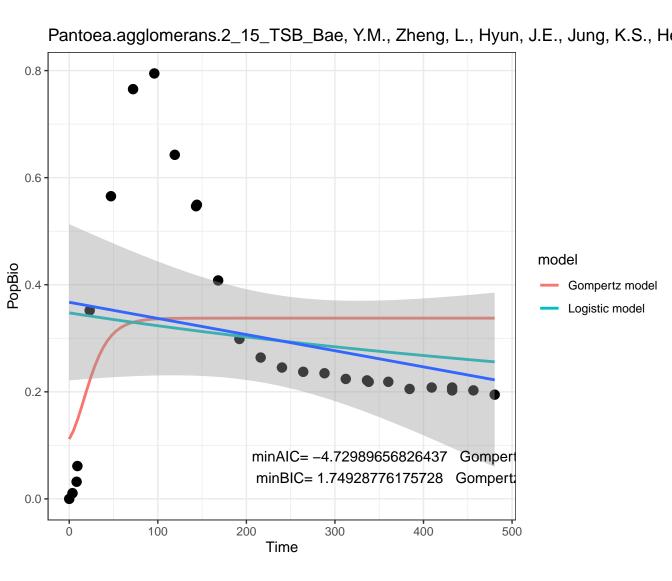




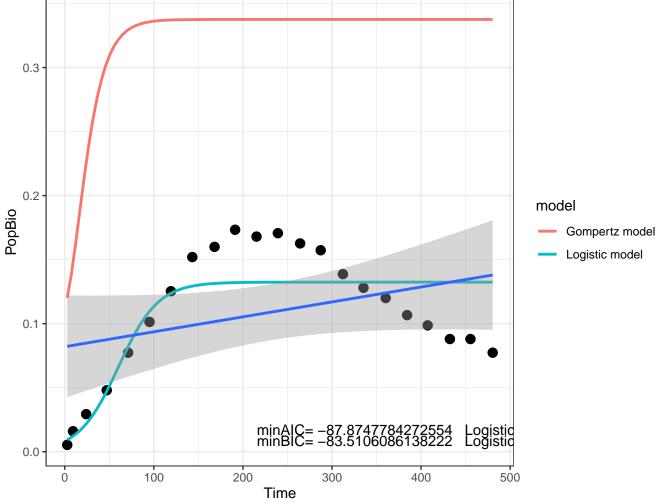
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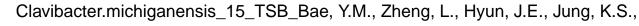


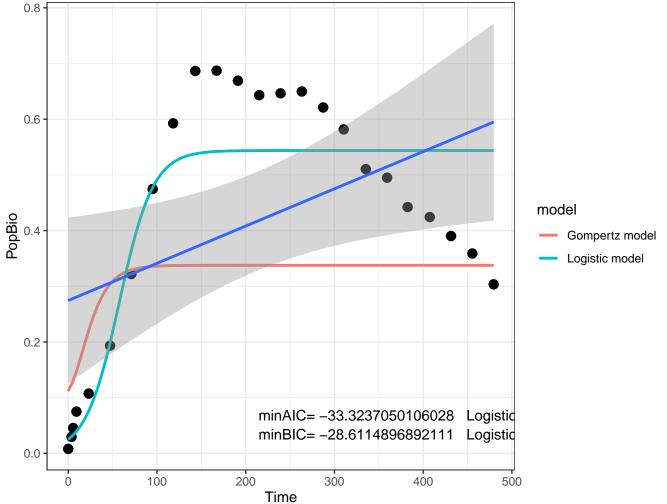




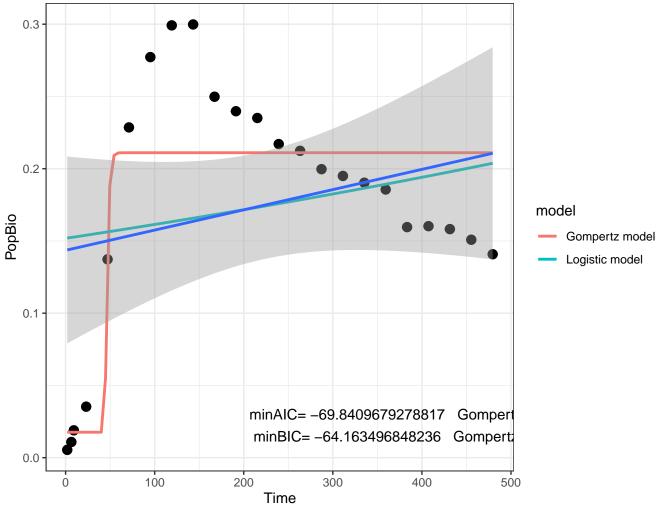
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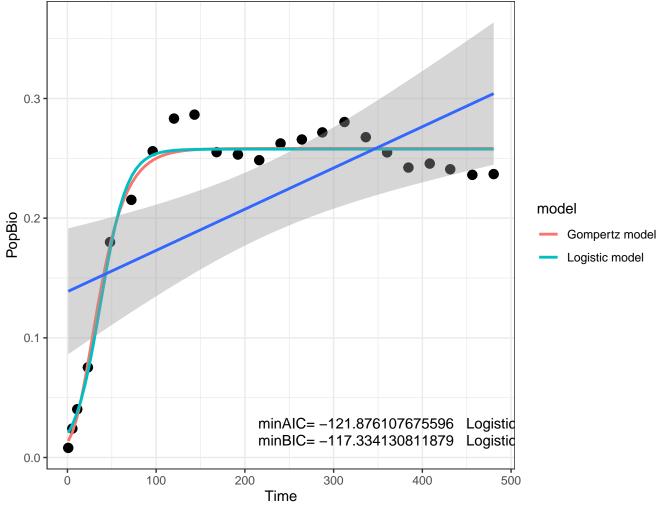




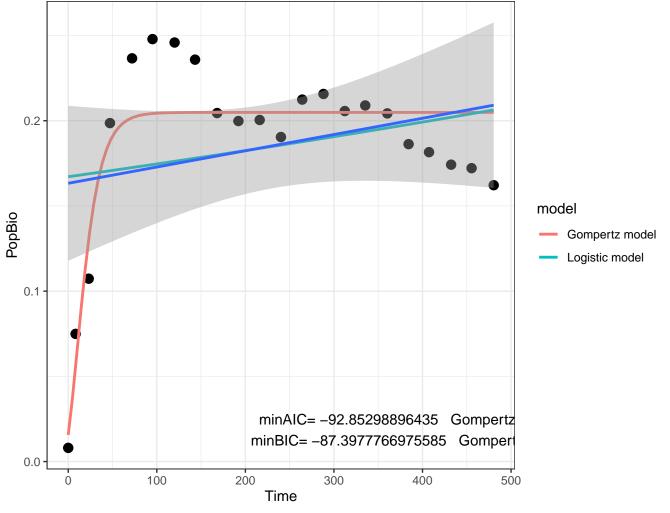
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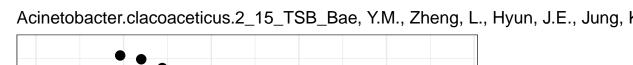


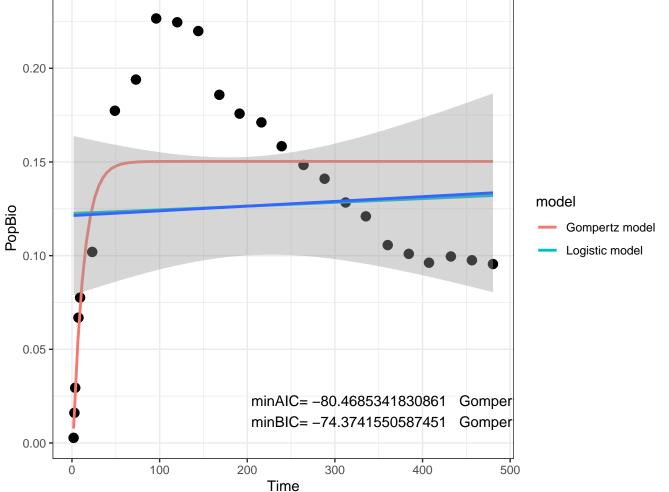
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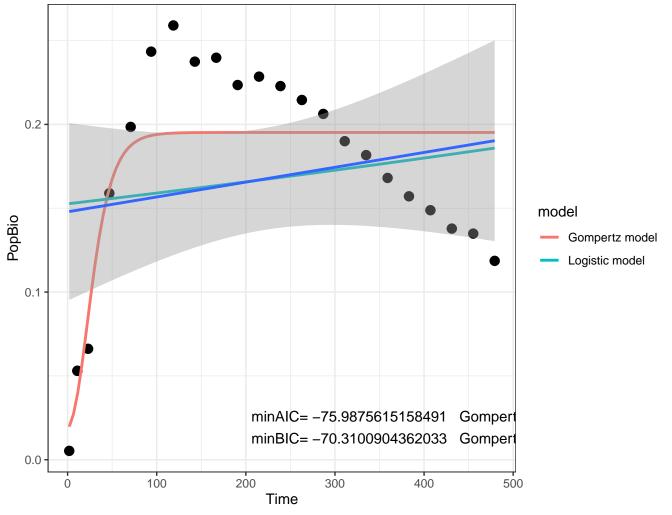
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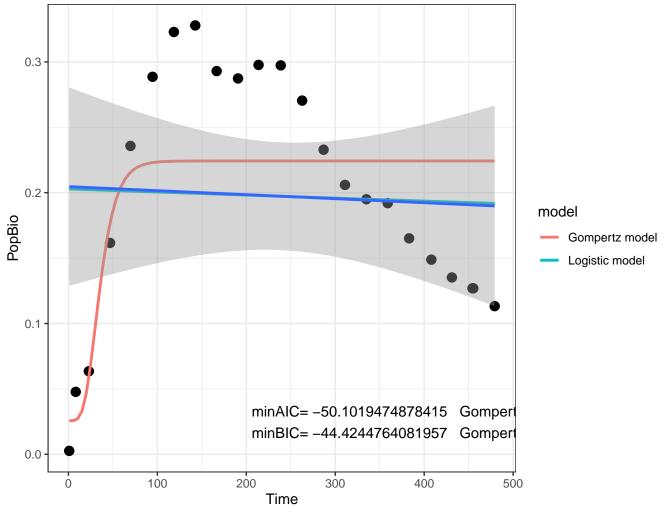


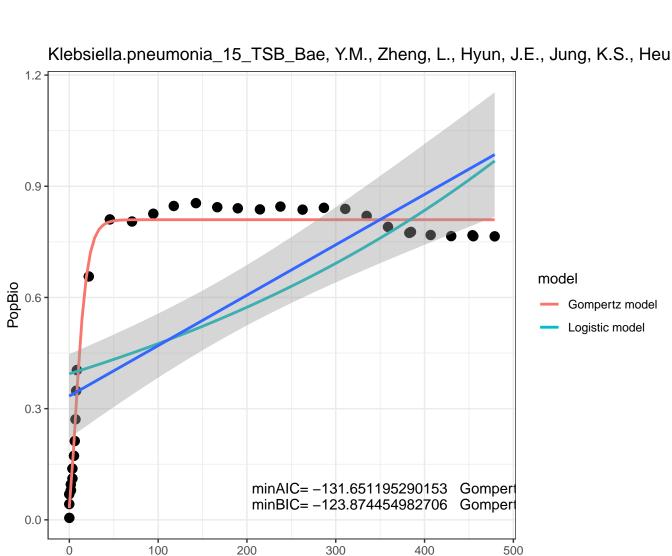


Stenotrophomonas.maltophilia.1_15_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung



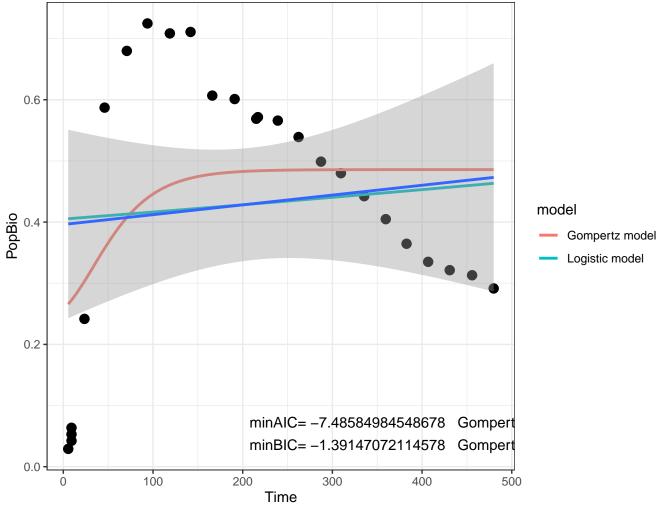
Stenotrophomonas.maltophilia.2_15_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung



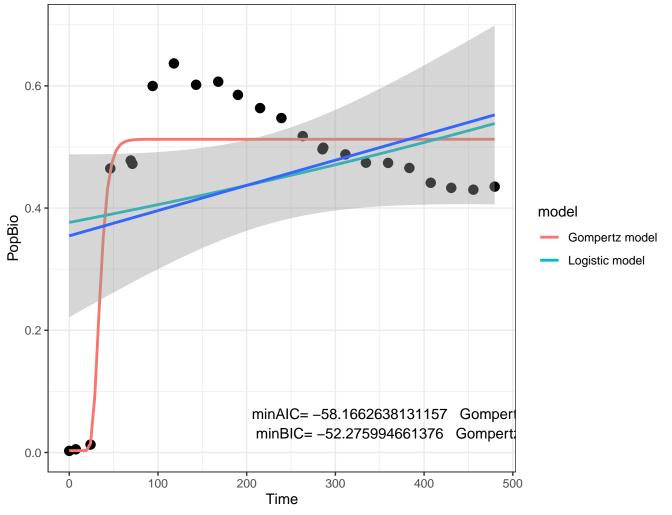


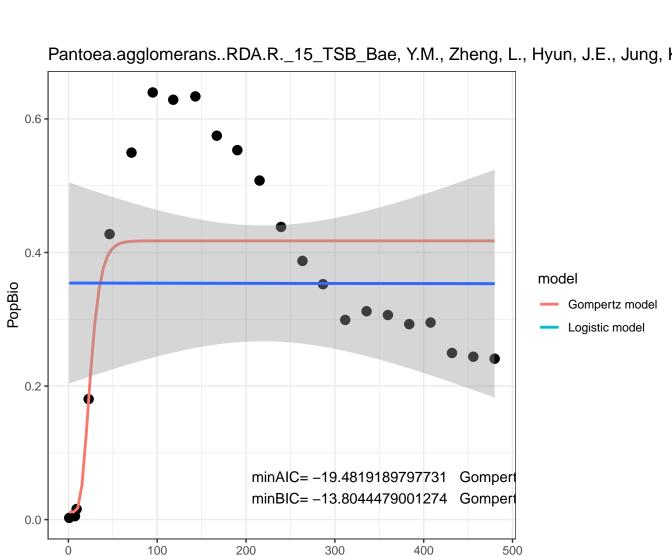
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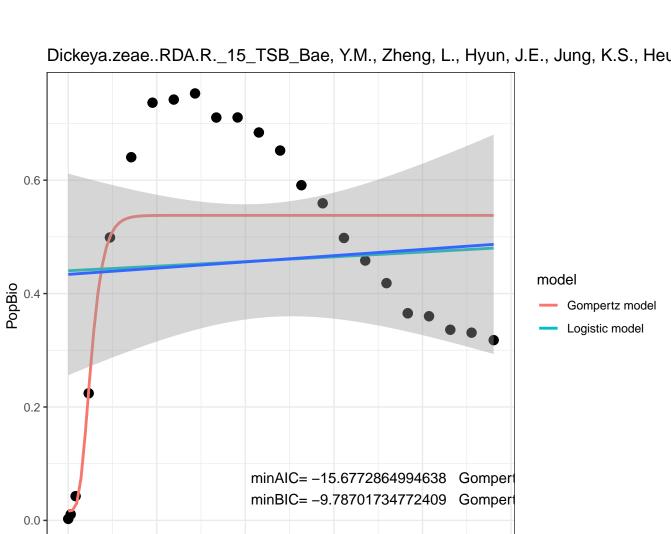
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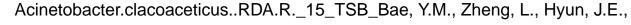
Pectobacterium.carotovorum.subsp..Carotovorum.Pcc2_15_TSB_Bae, Y.M., Zher

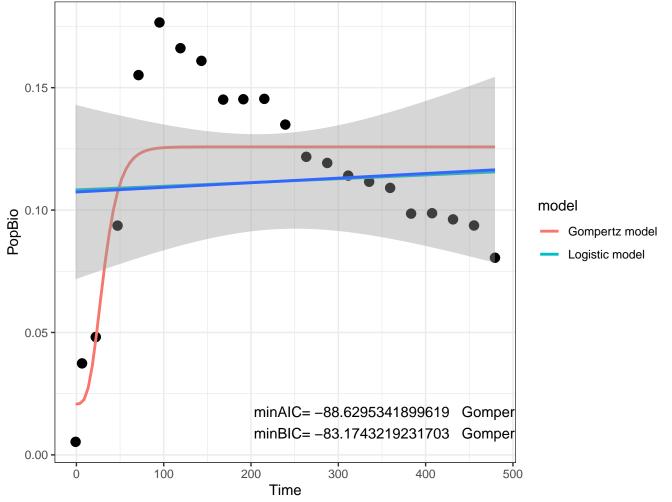




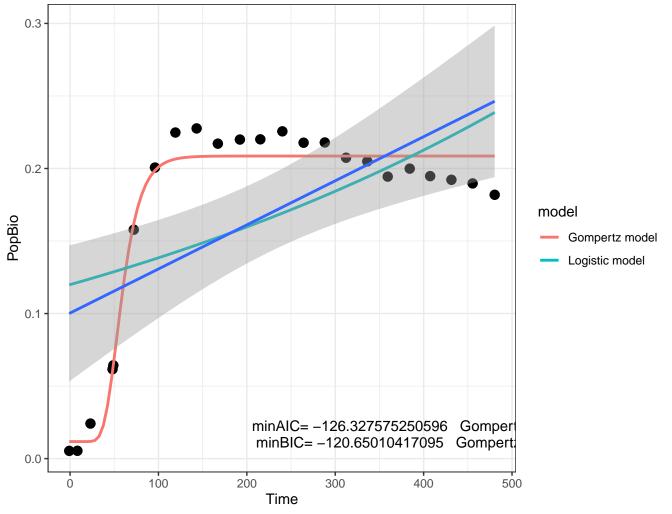


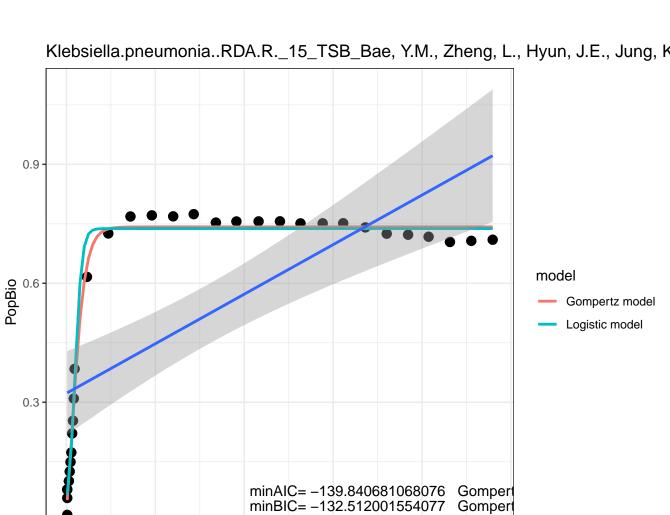
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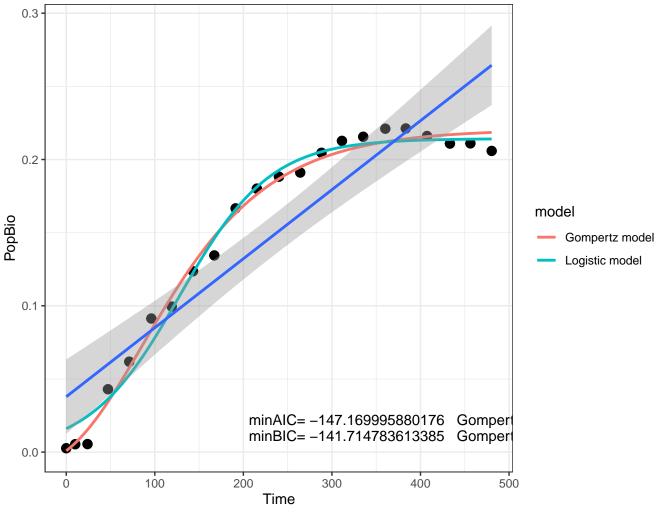
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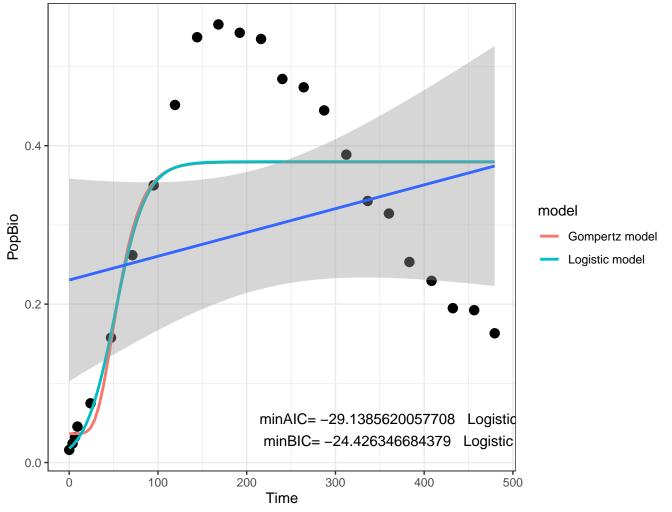


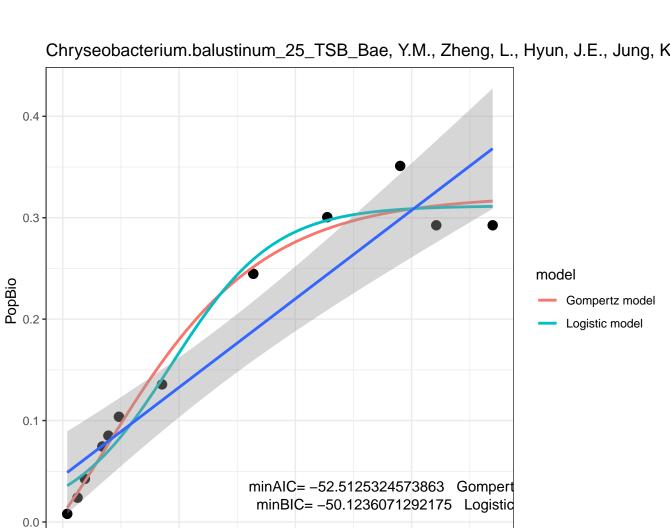
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Bacillus.pumilus..RDA.R._15_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., H

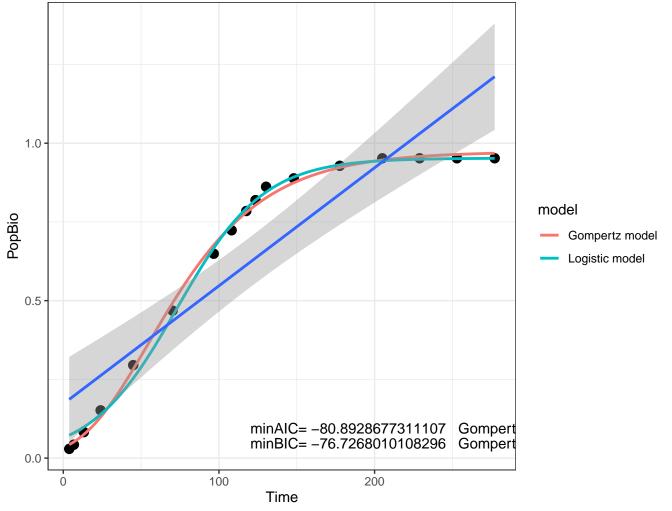


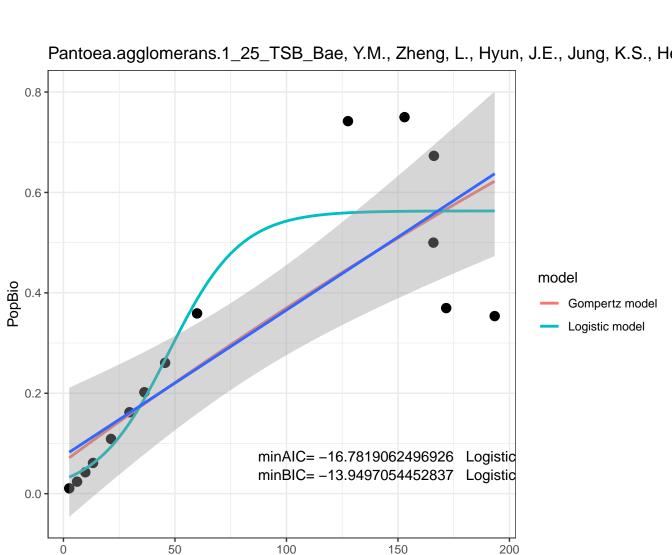
Clavibacter.michiganensis..RDA.R._15_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jul

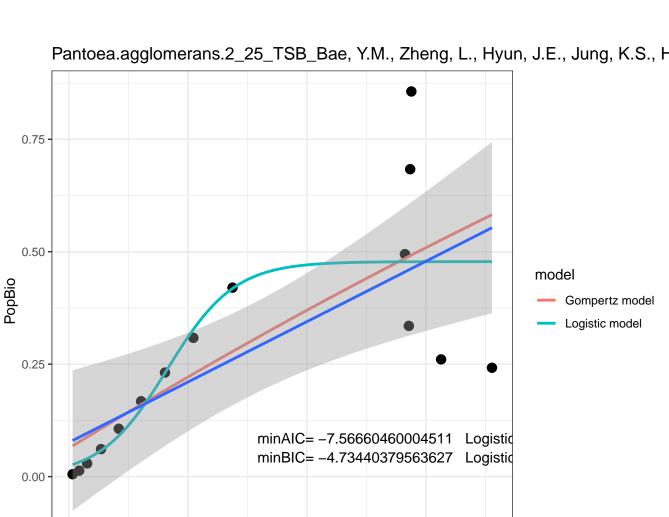




Time Enterobacter.sp._25_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., Heu, S. a

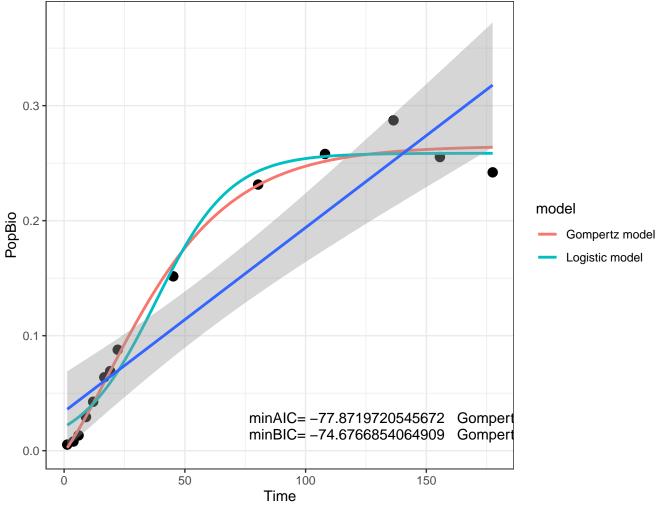




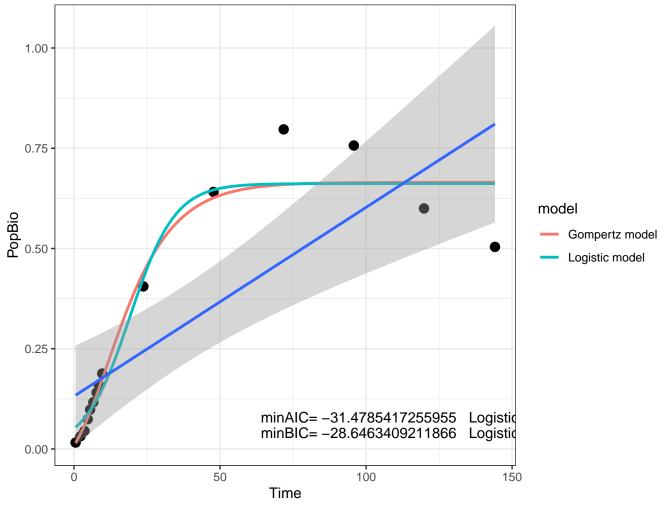


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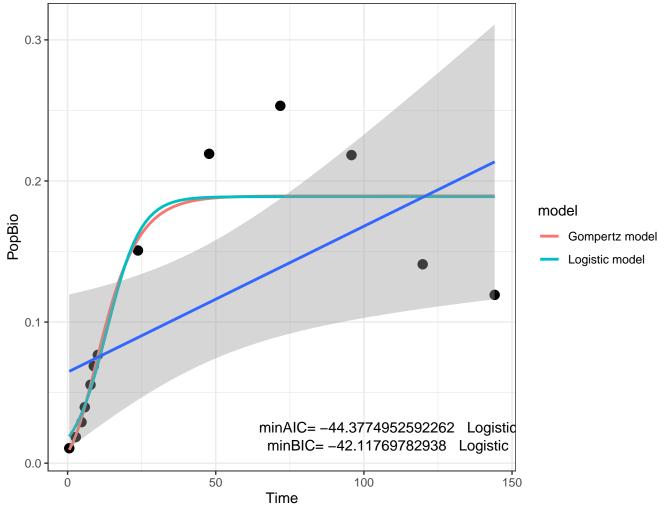
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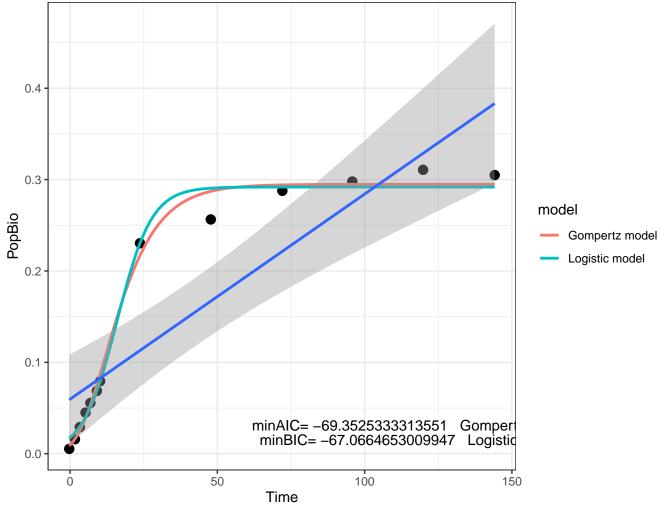
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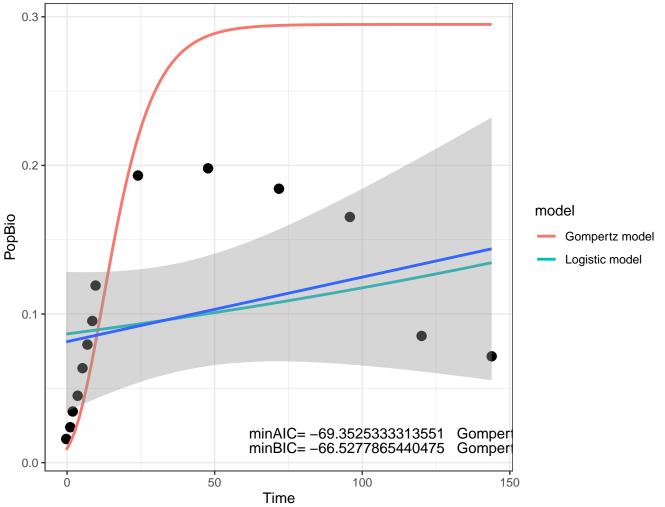
Pseudomonas.fluorescens.1_25_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S.

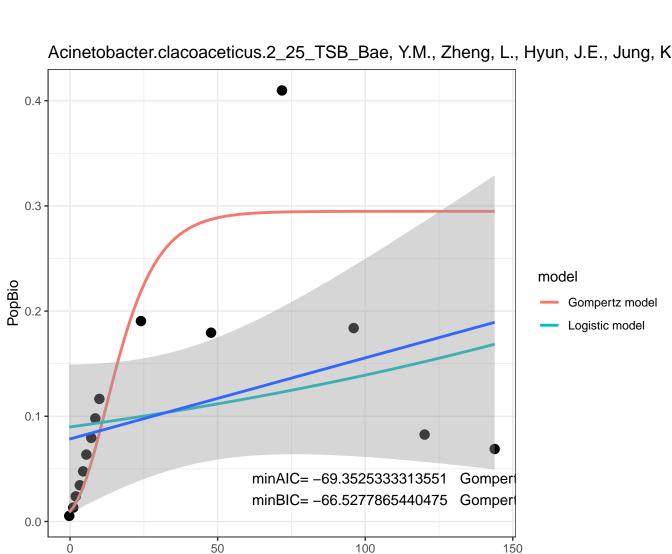


Pseudomonas.fluorescens.2_25_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S.

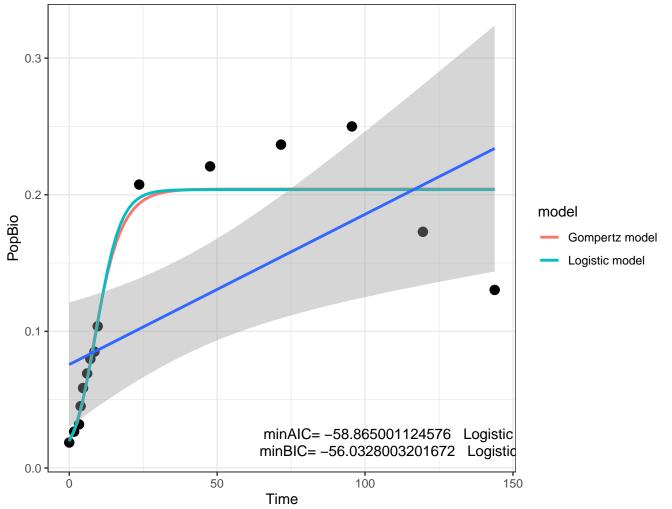


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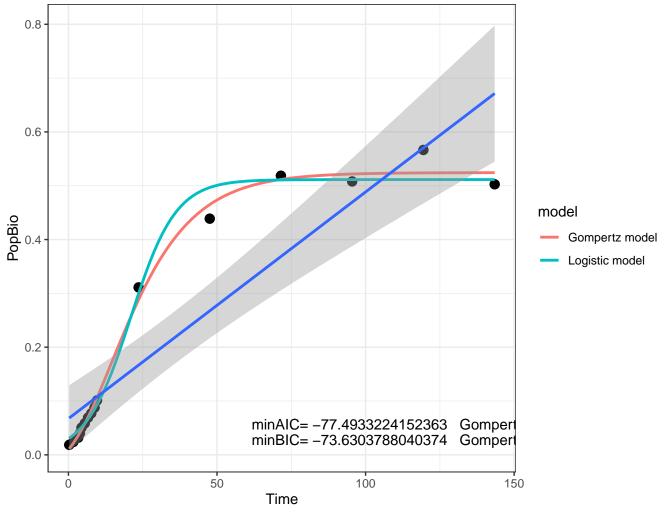




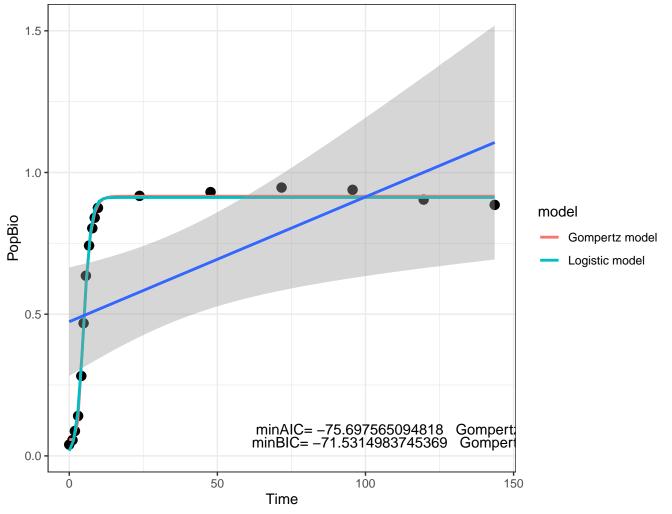
Stenotrophomonas.maltophilia.1_25_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung



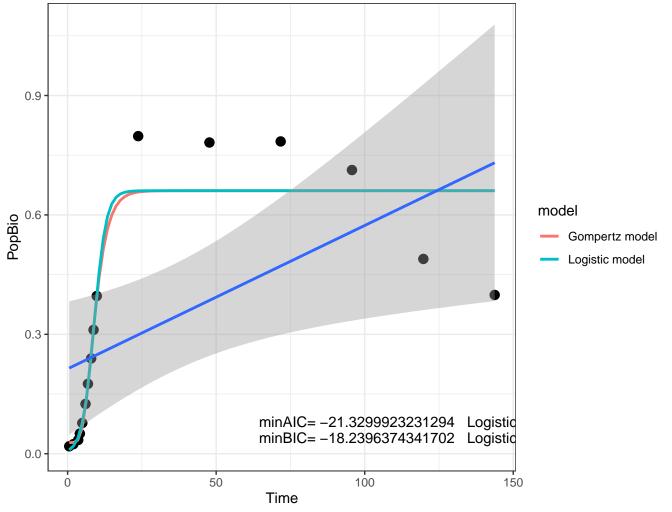
Stenotrophomonas.maltophilia.2_25_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung



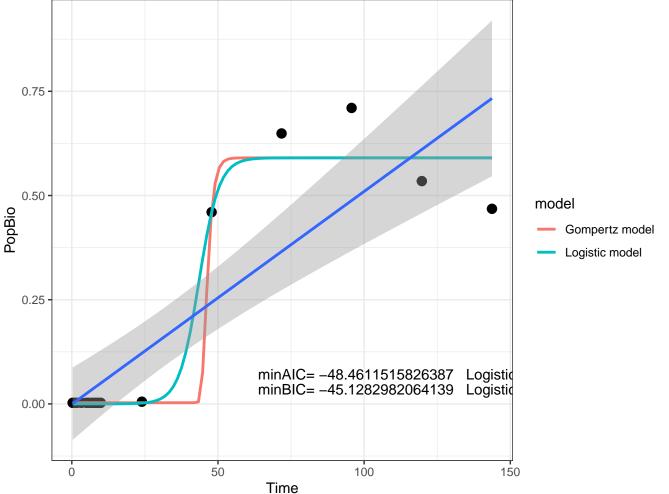
Klebsiella.pneumonia_25_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., Heu



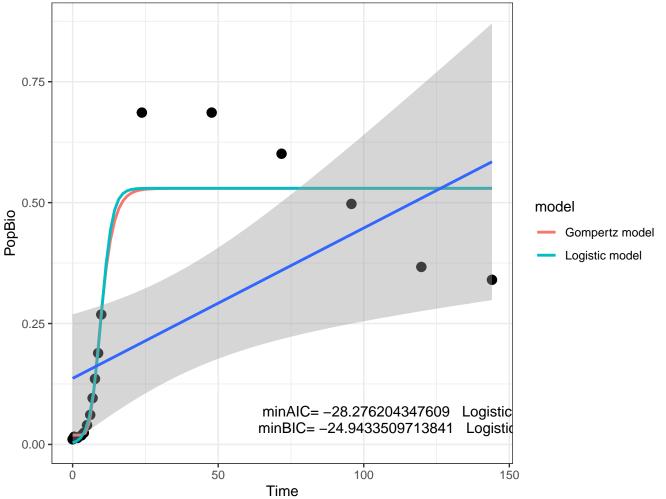
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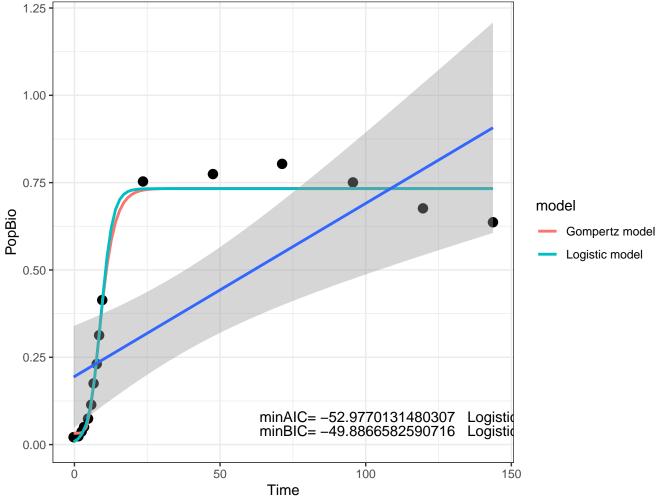


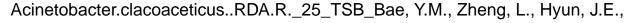


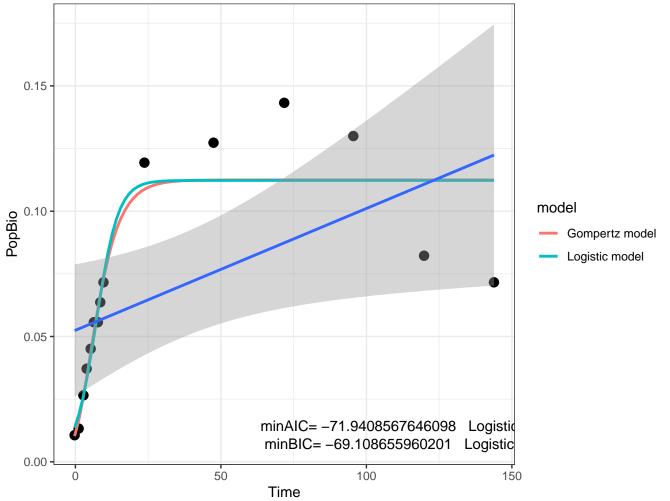


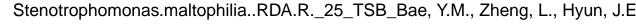


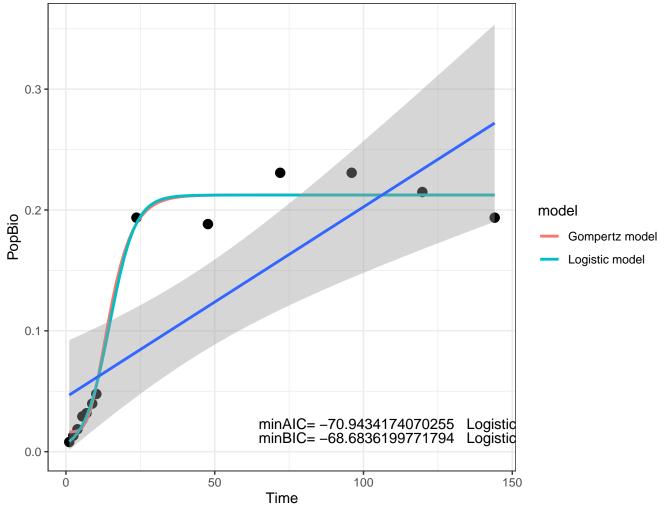
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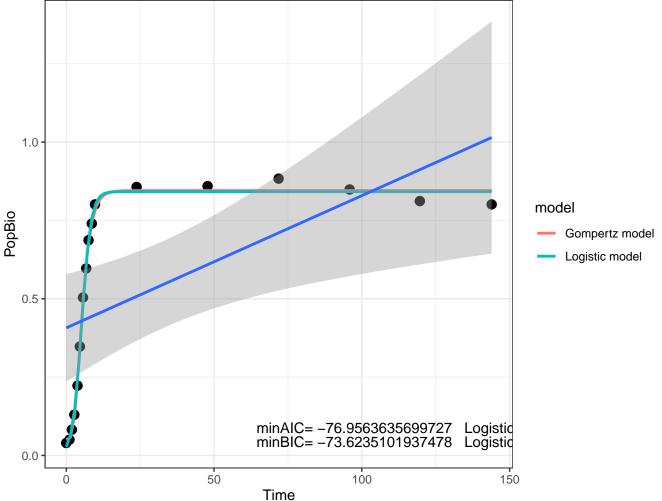


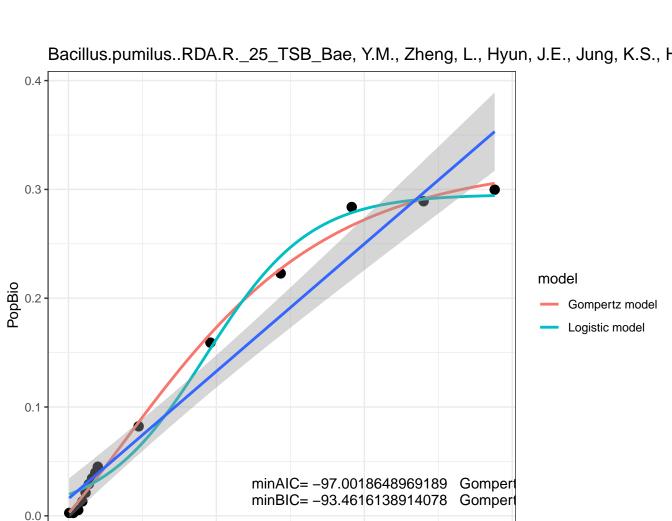




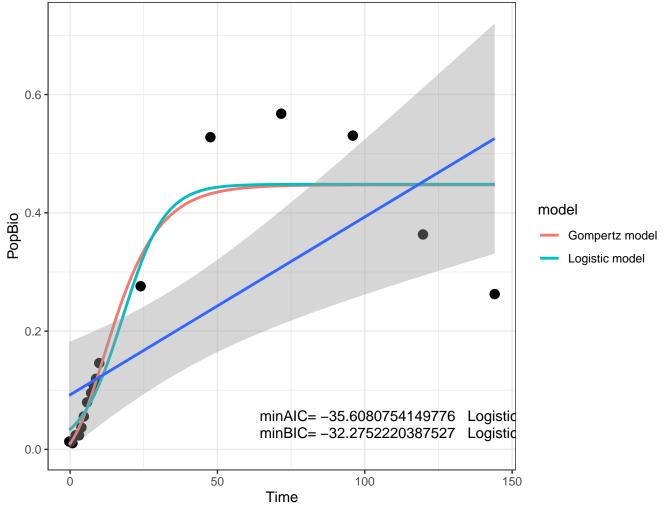


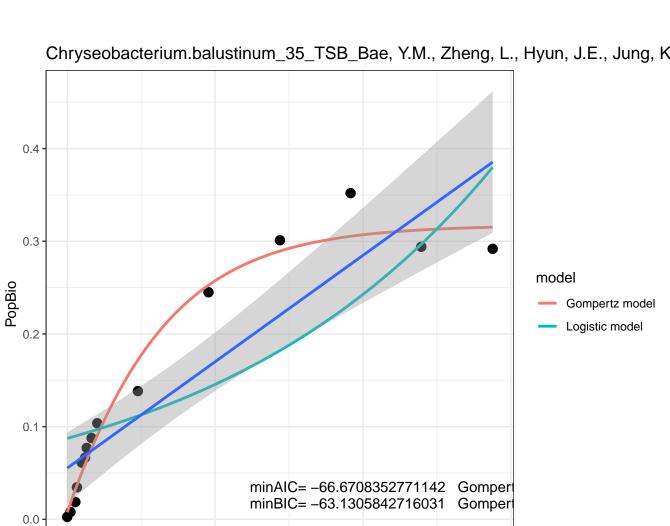




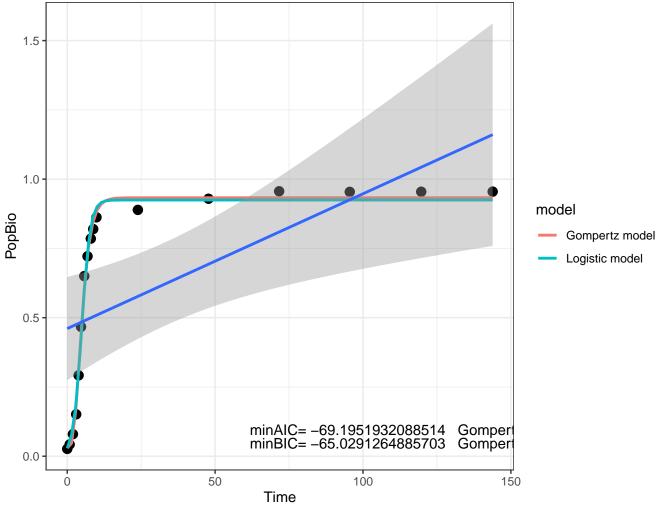


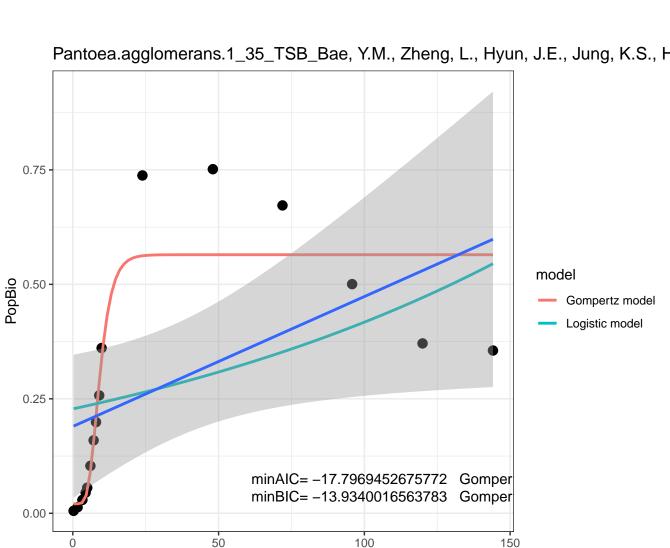
Clavibacter.michiganensis..RDA.R._25_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Ju

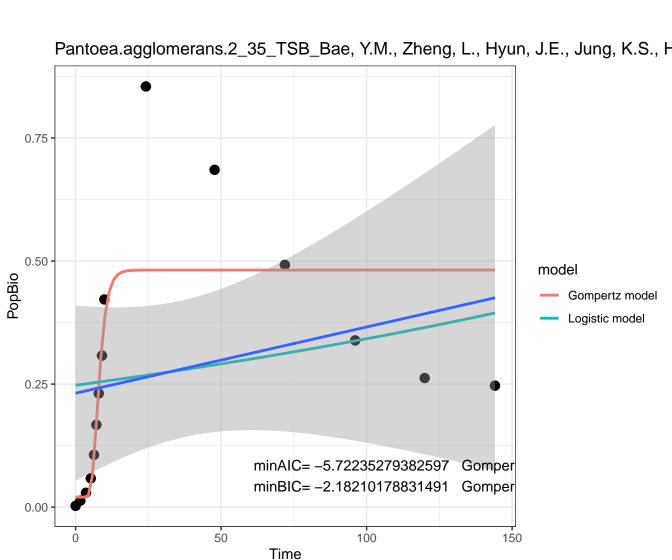




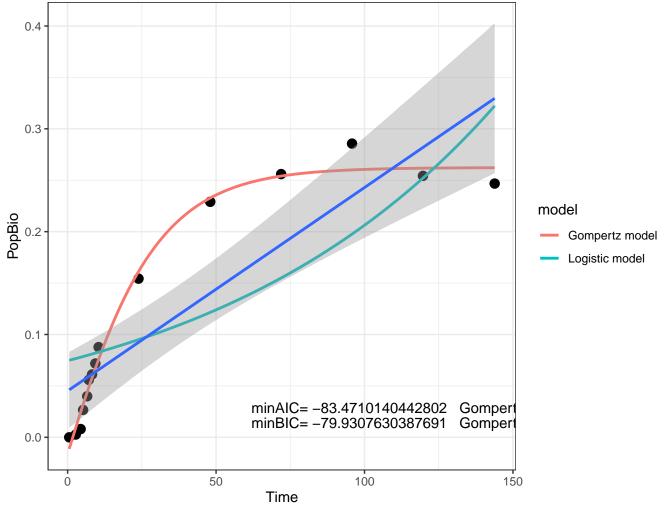
Enterobacter.sp._35_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., Heu, S. a



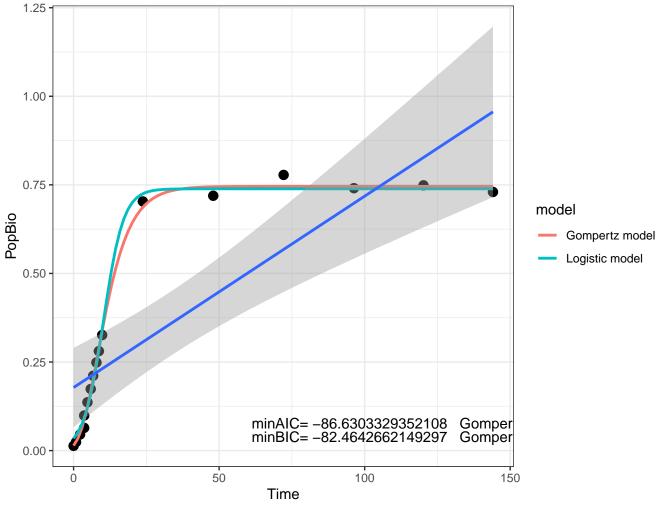




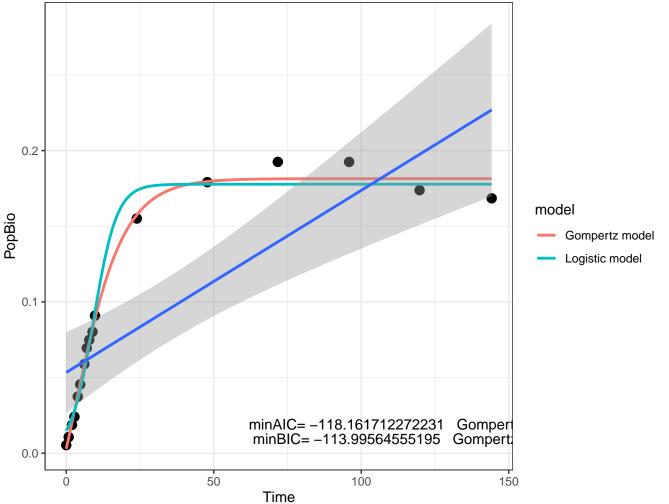
Bacillus.pumilus_35_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., Heu, S. a



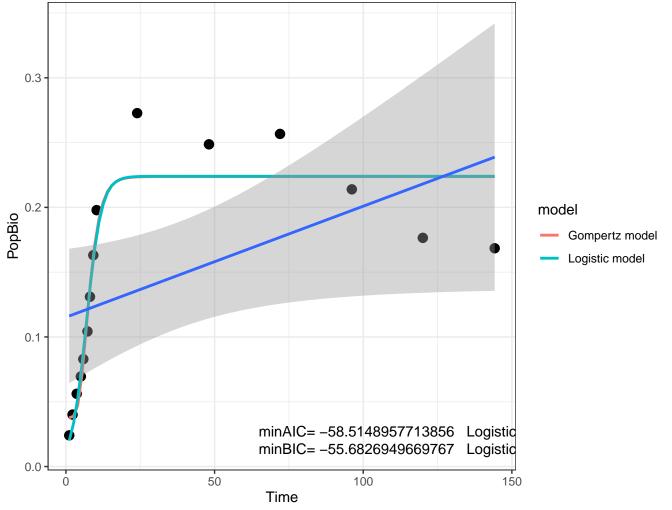
Clavibacter.michiganensis_35_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S.



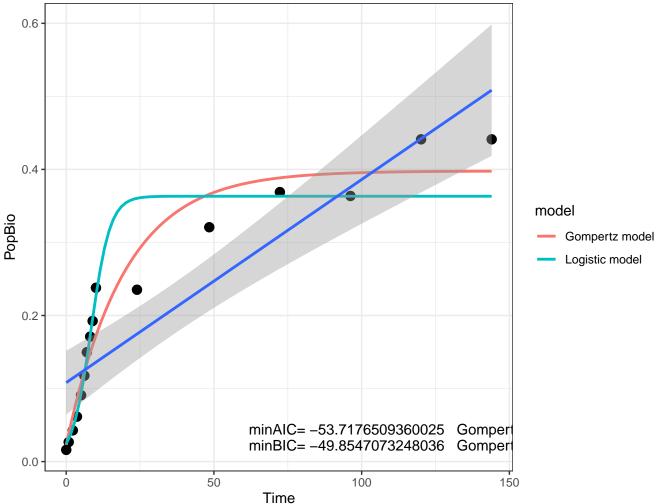
Pseudomonas.fluorescens.1_35_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S.

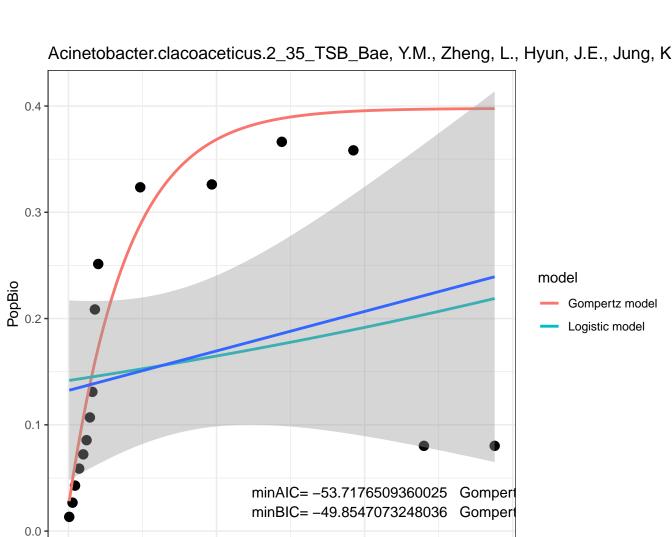


Pseudomonas.fluorescens.2_35_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S.

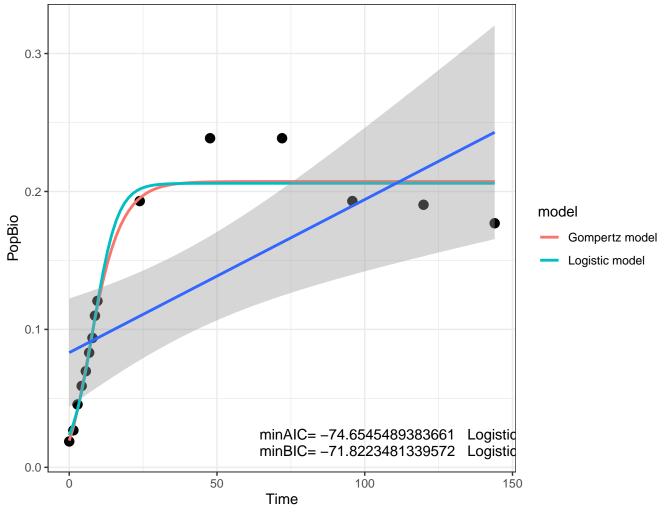


Acinetobacter.clacoaceticus.1_35_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K

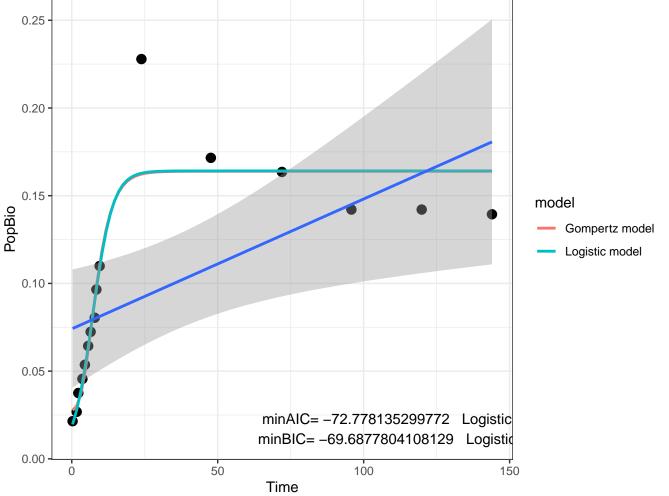




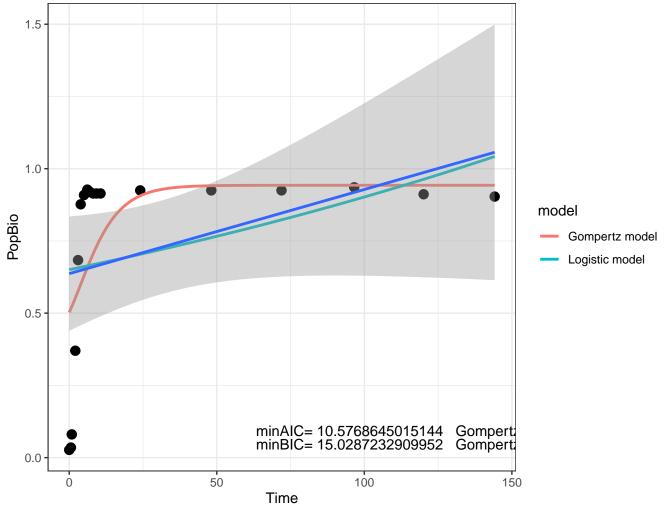
Stenotrophomonas.maltophilia.1_35_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung

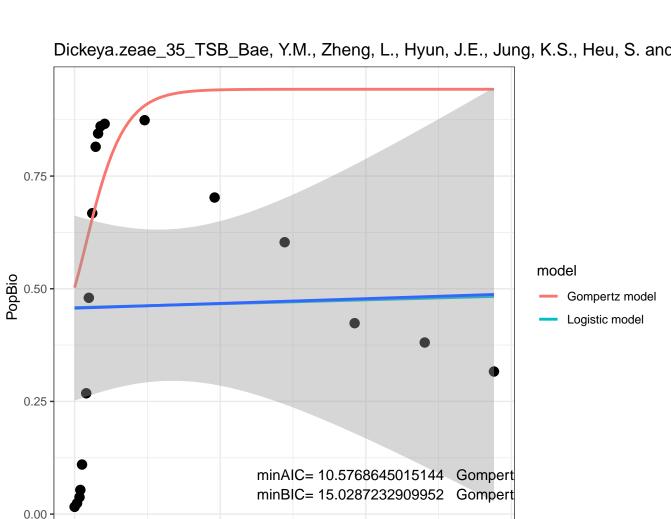


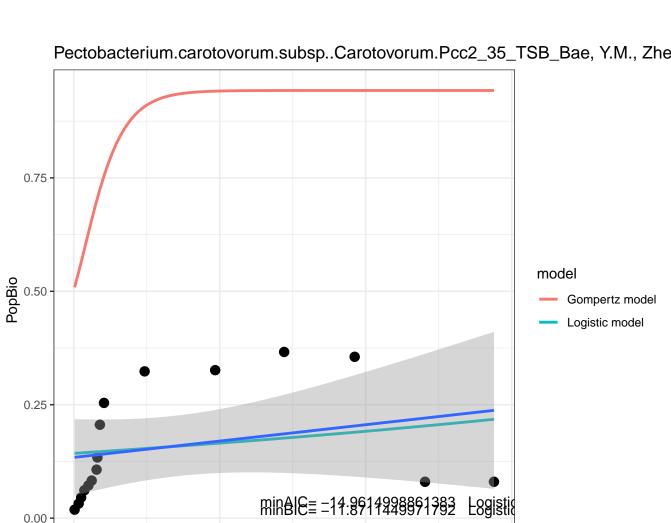


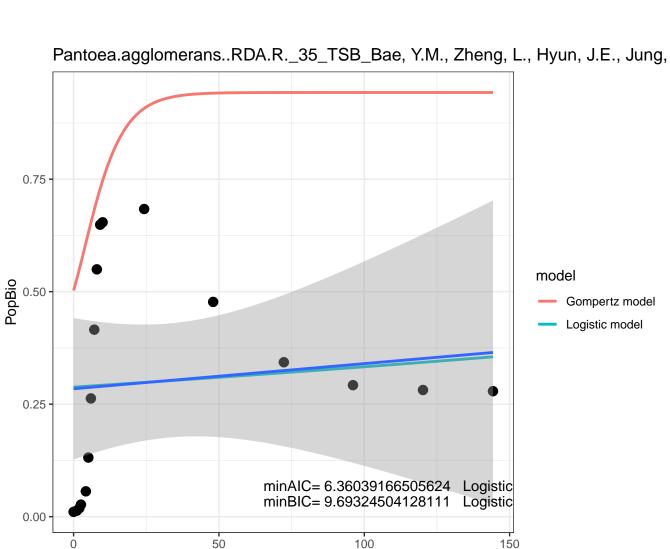


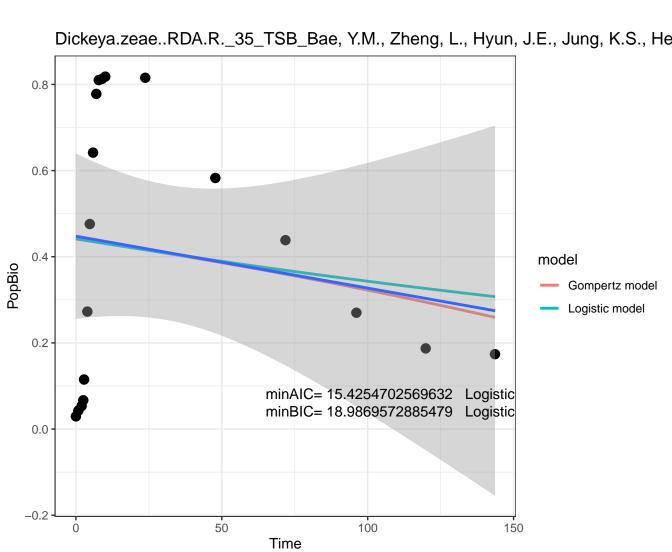
Klebsiella.pneumonia_35_TSB_Bae, Y.M., Zheng, L., Hyun, J.E., Jung, K.S., Heu

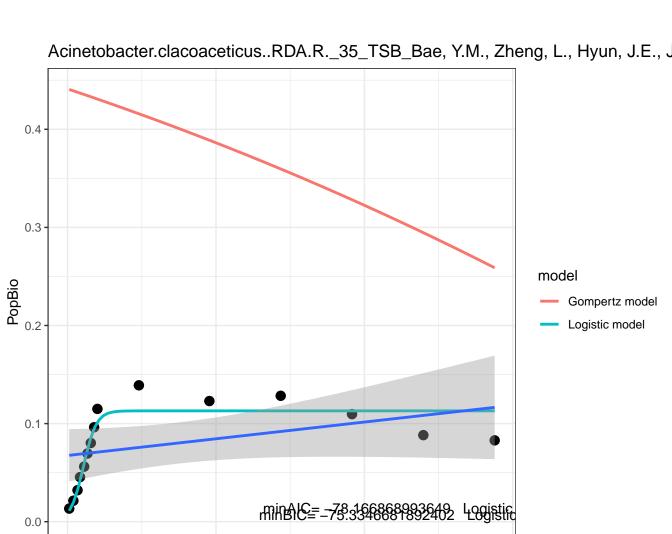


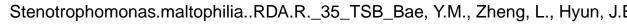


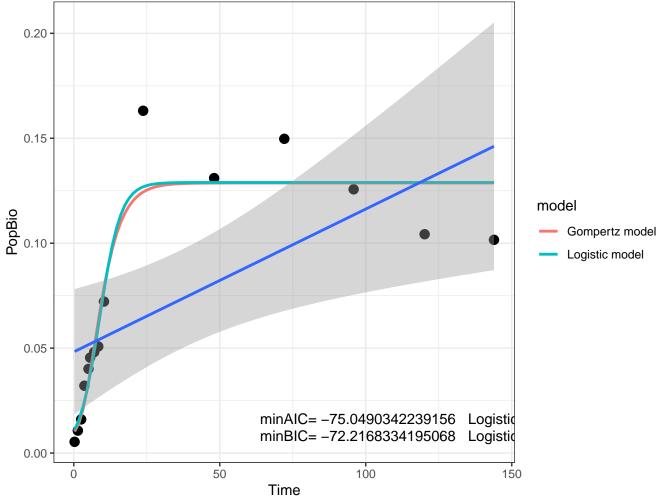




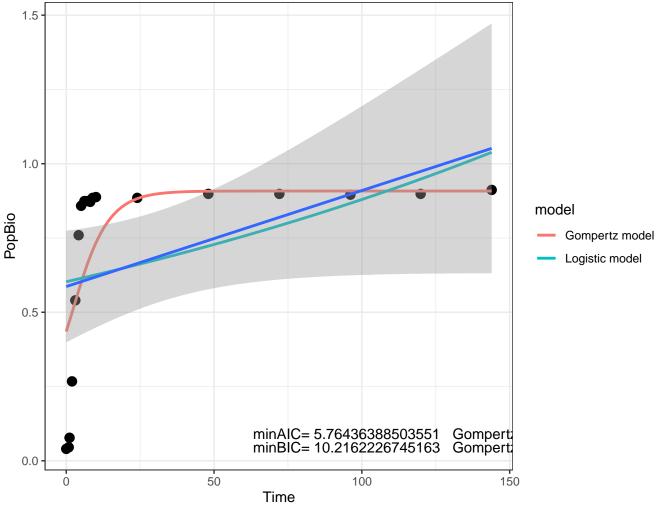


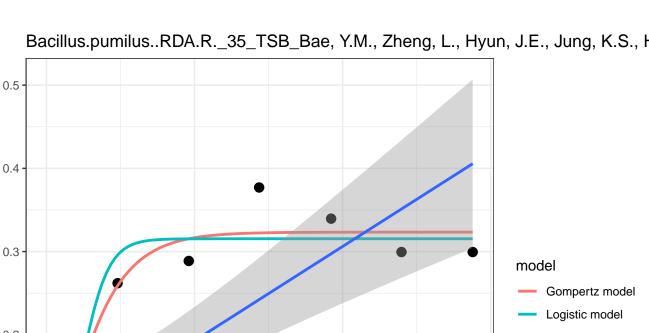


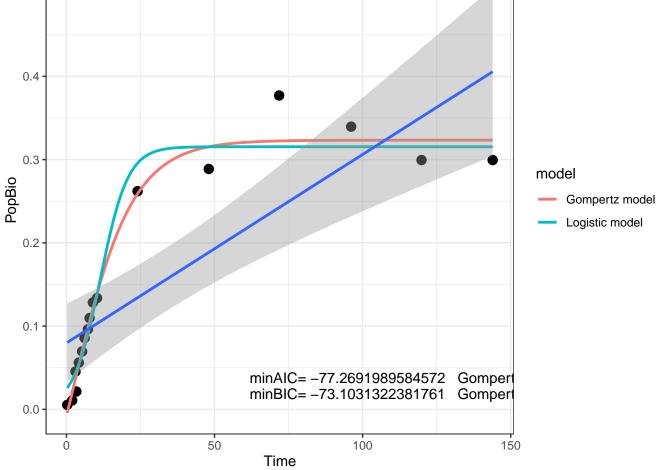




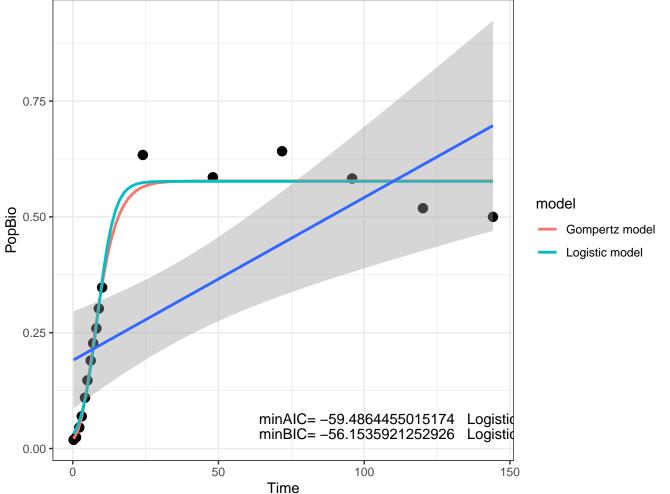




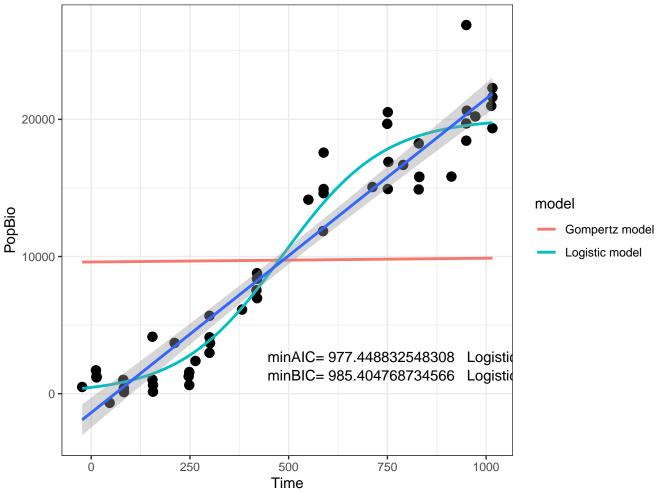




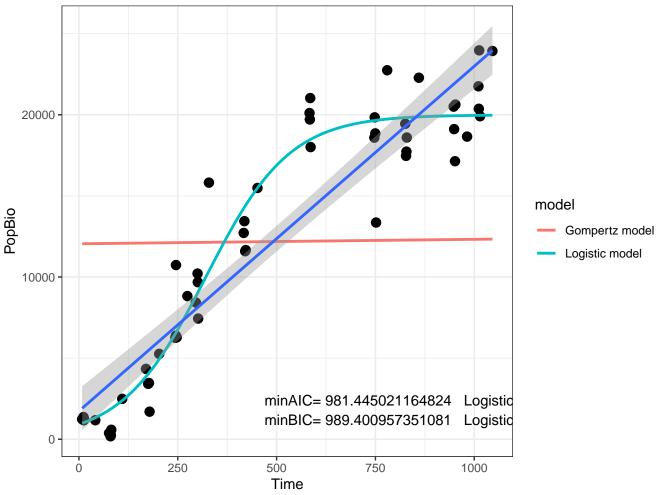


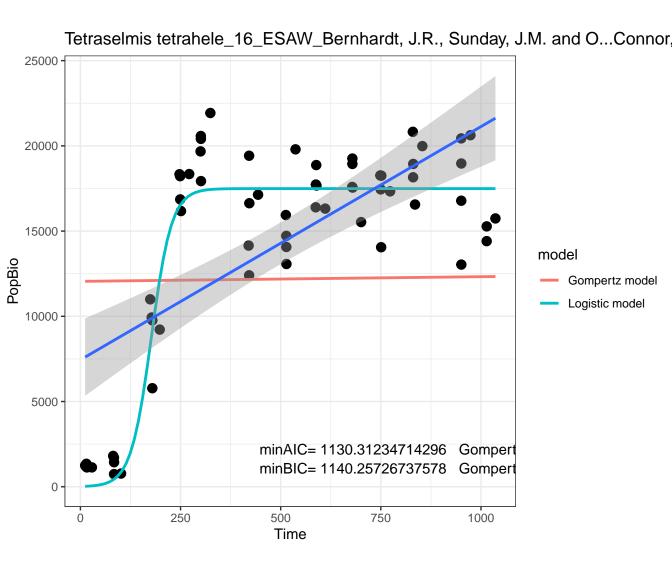


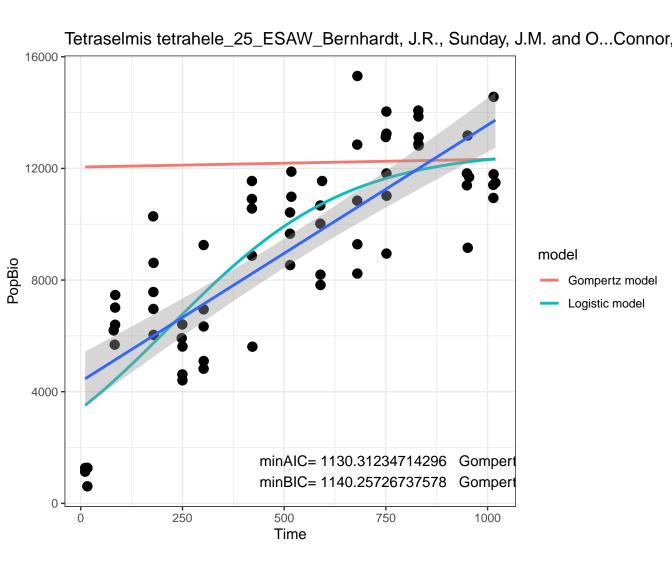
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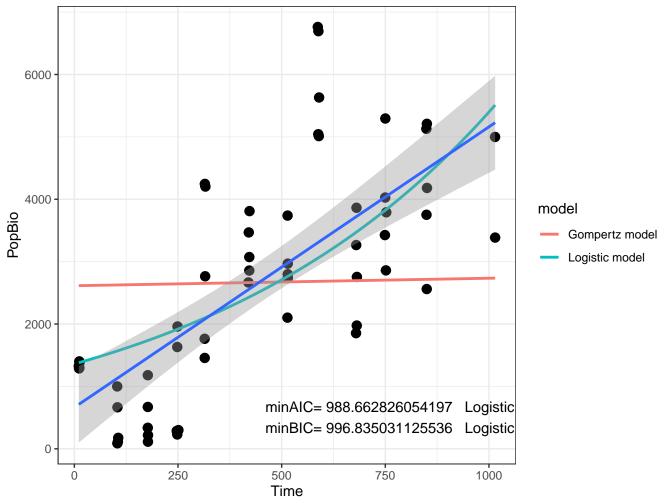
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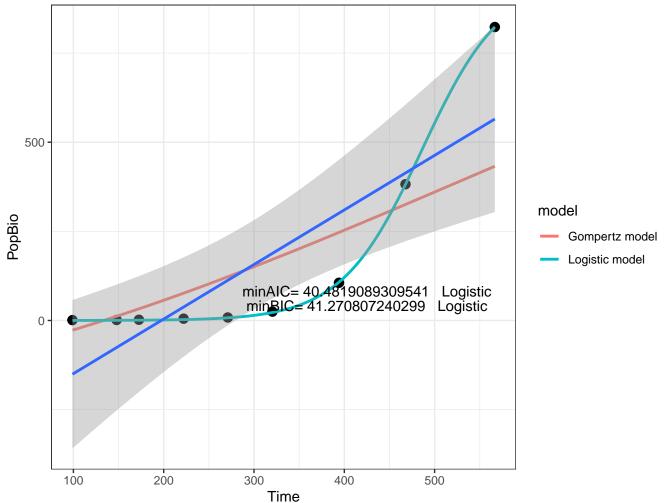




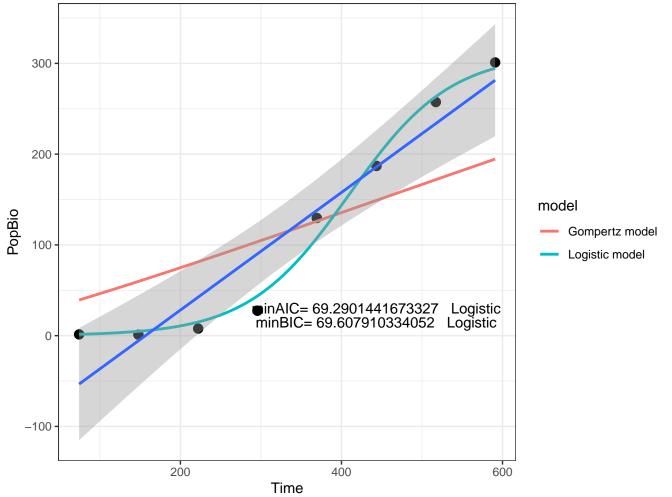
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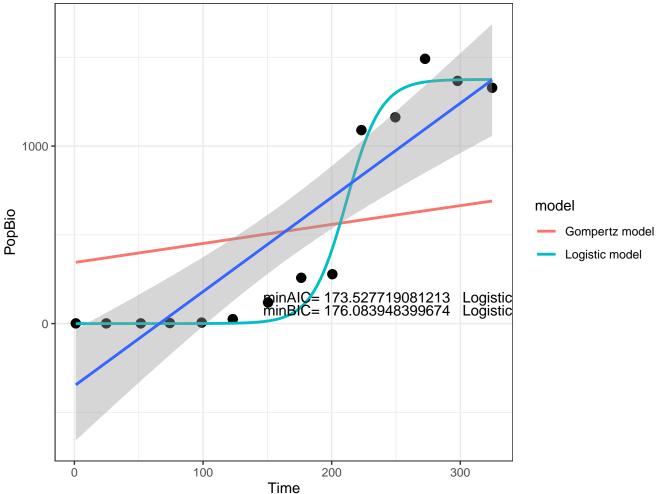
Staphylococcus spp._2_Raw Chicken Breast_Galarz, L.A., Fonseca, G.G. and Pr



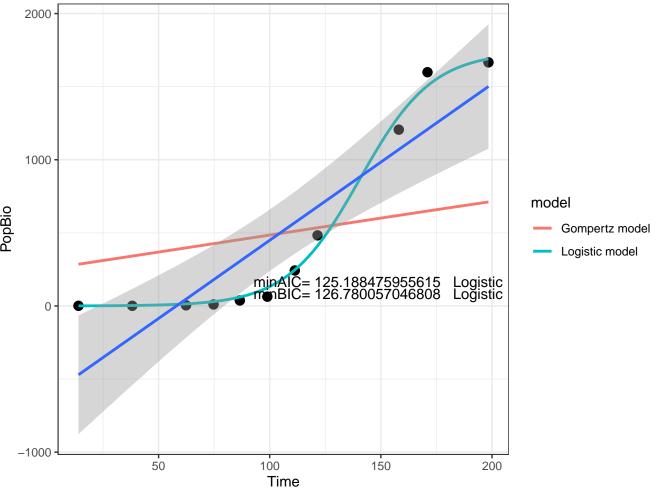
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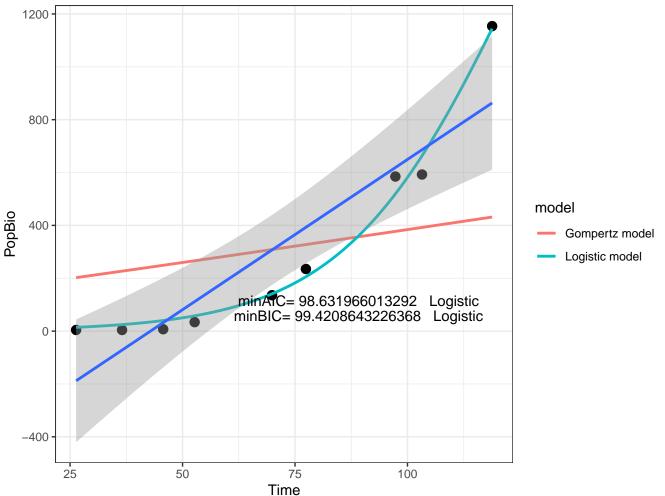
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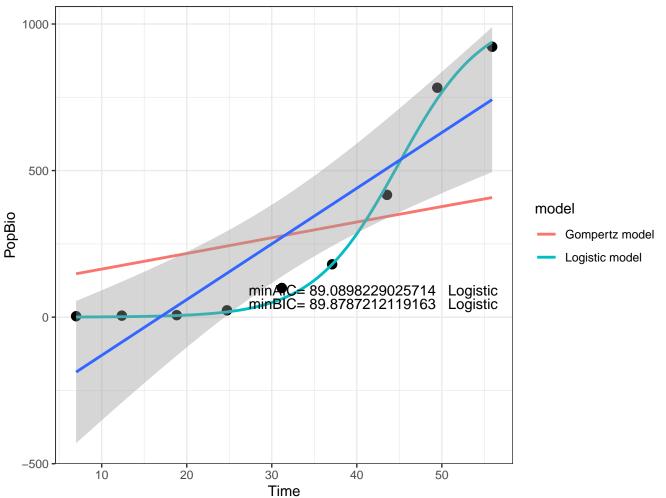
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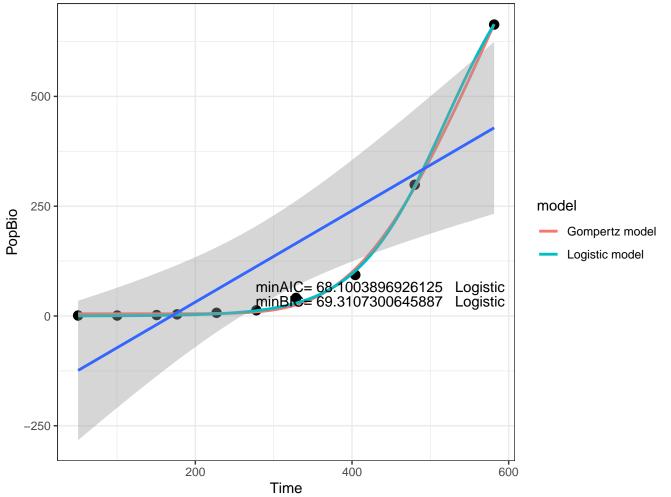
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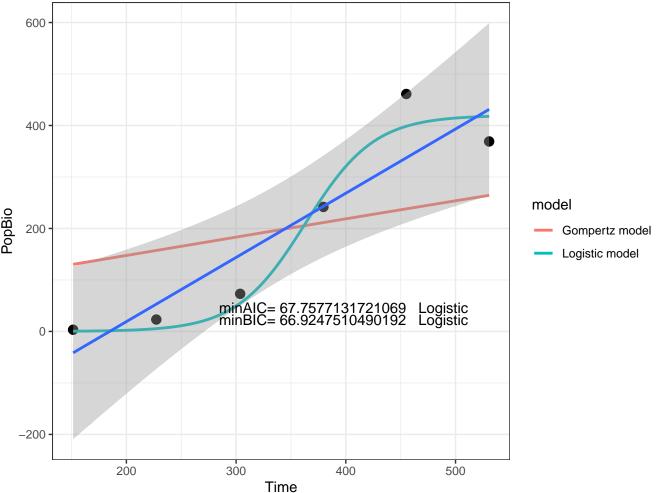
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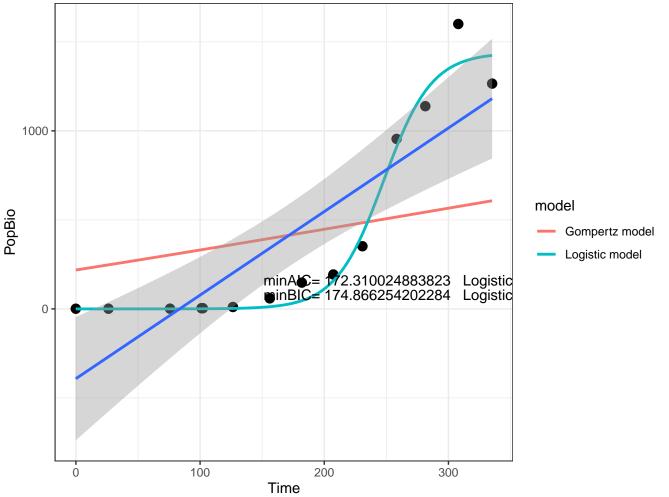
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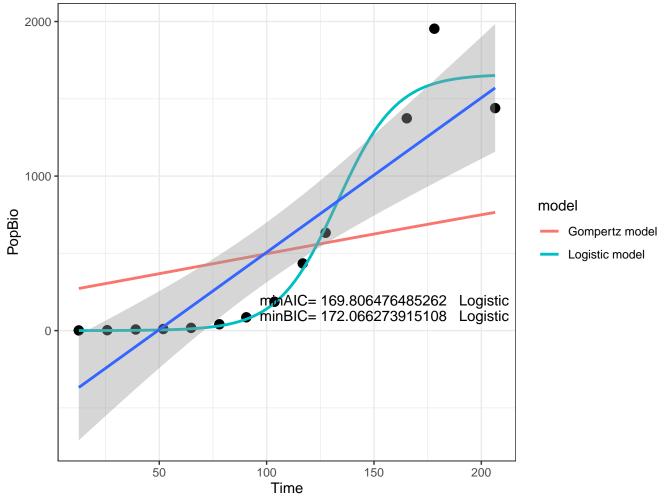
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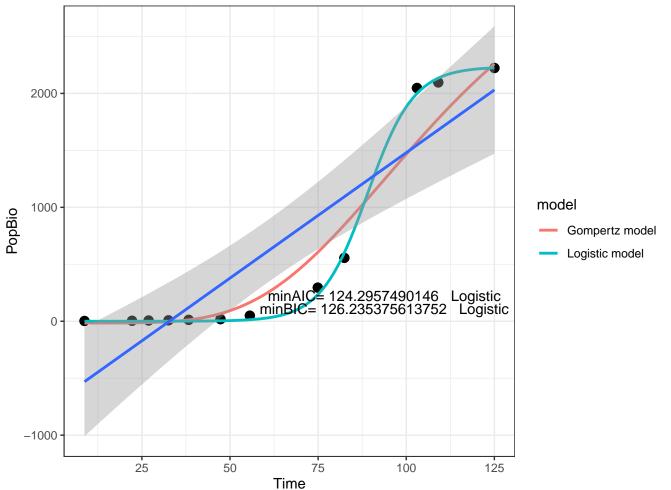
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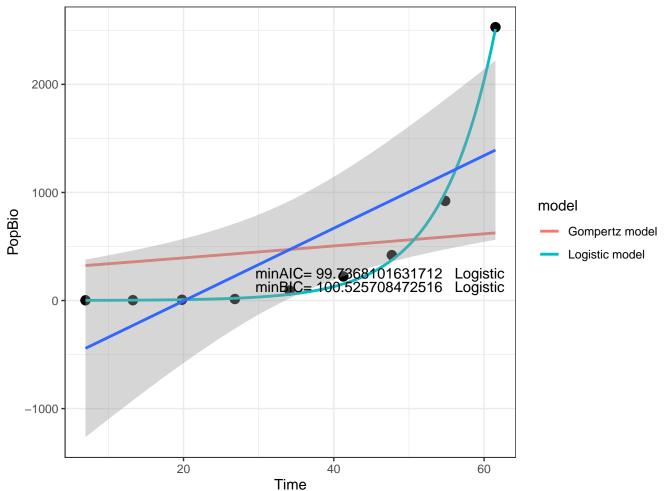
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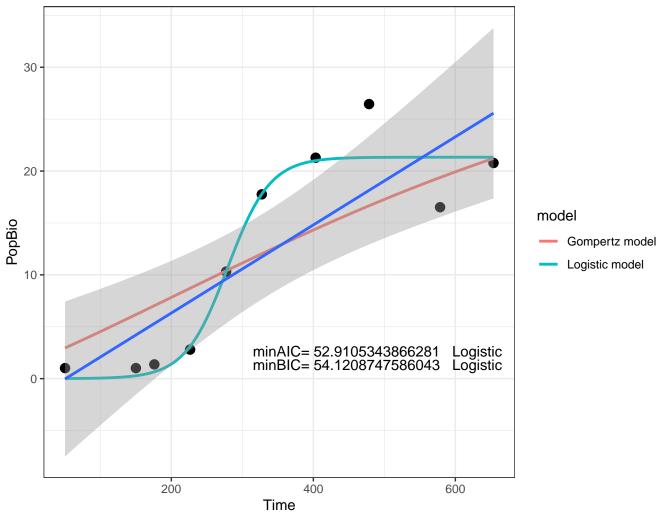
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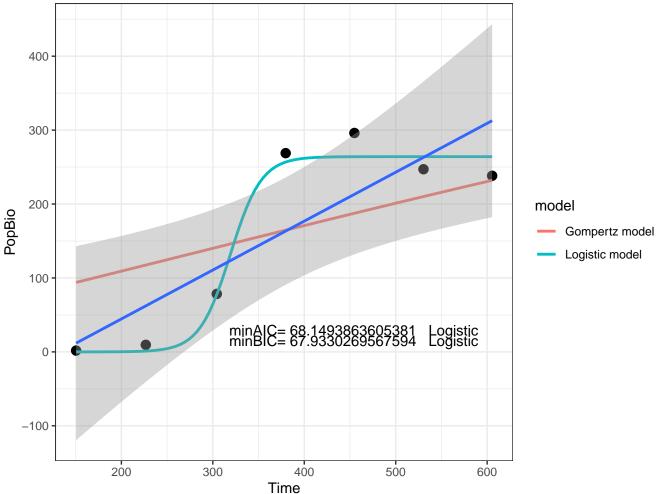
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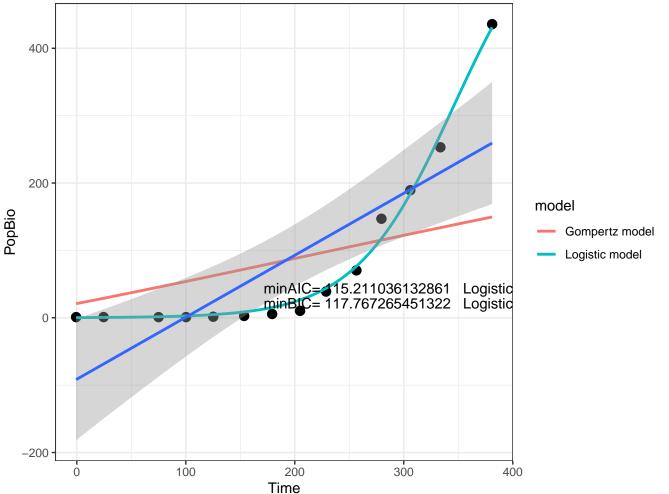
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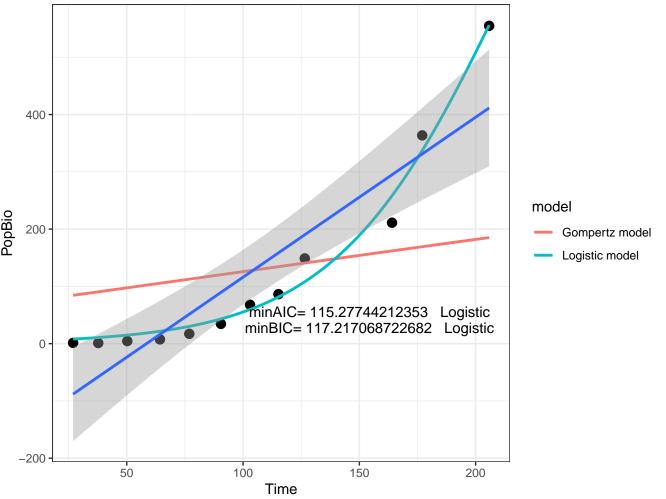
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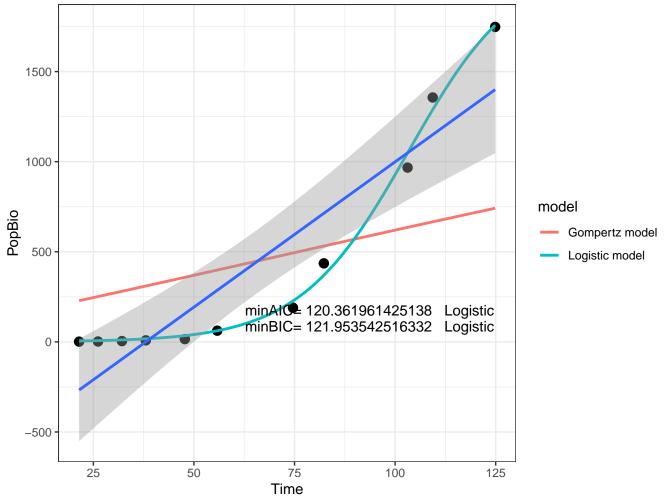
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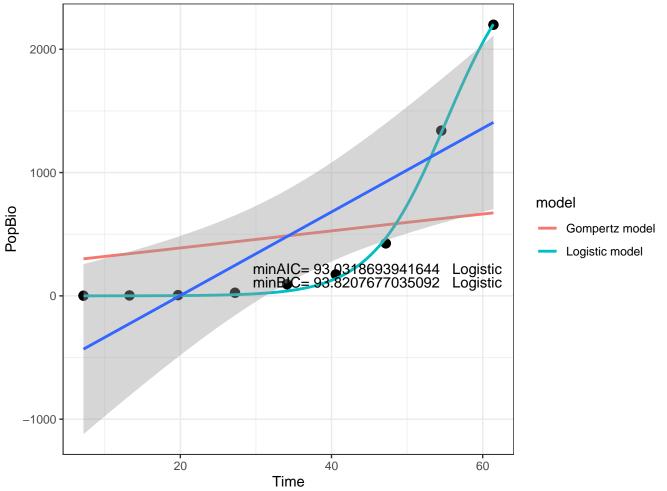
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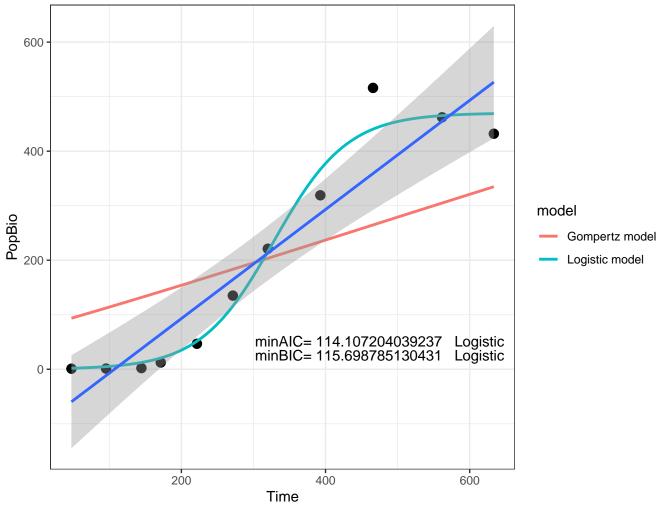
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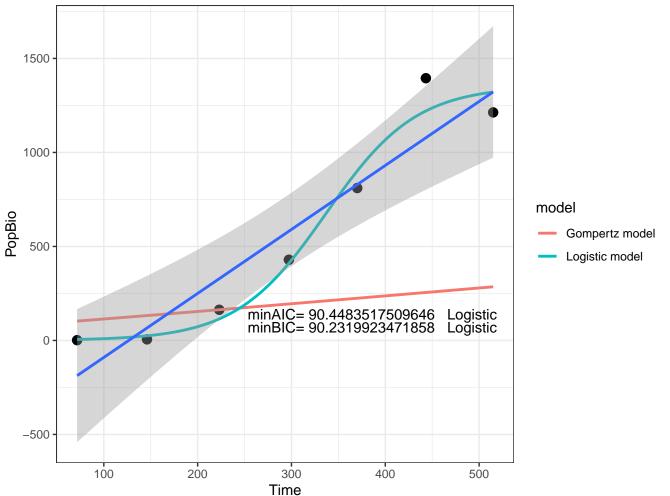
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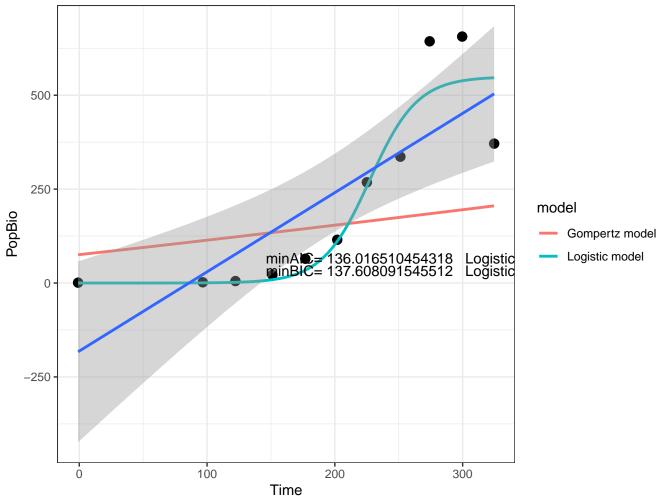
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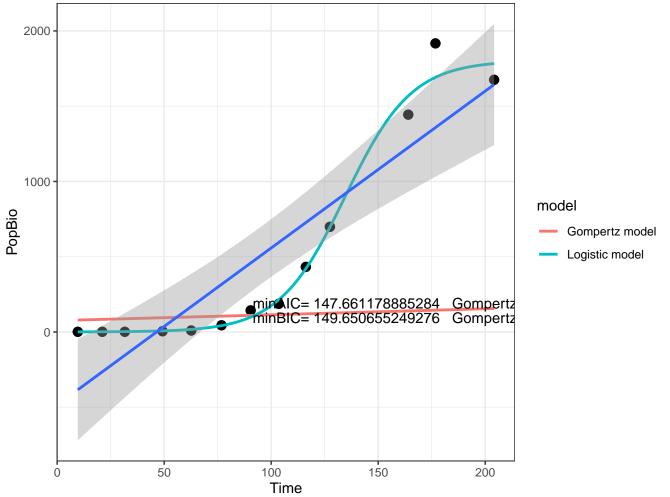
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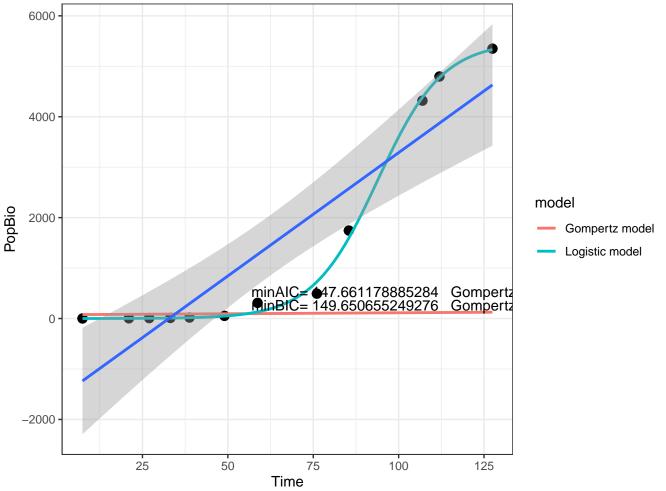
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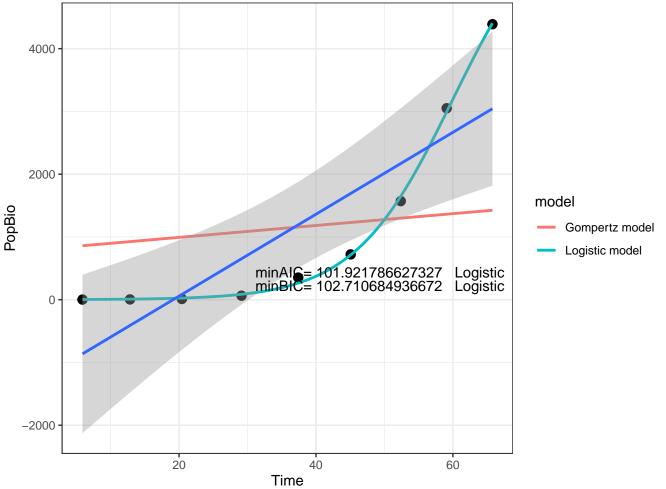
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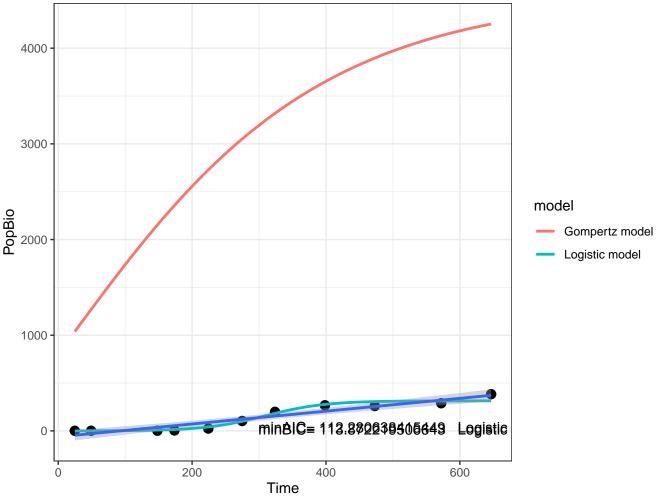
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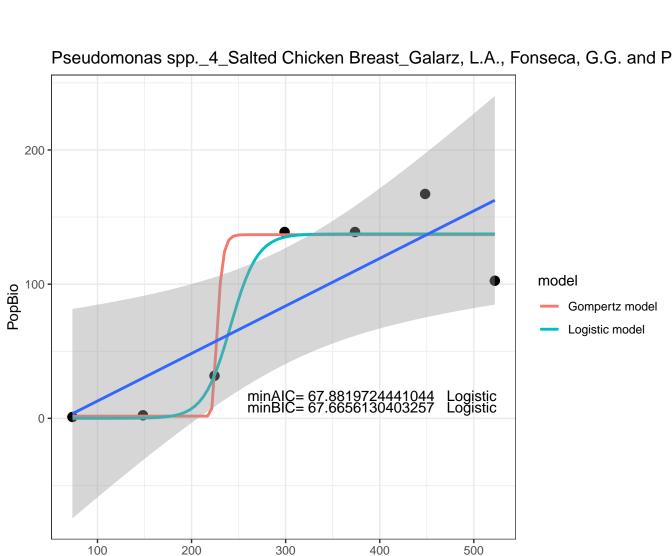


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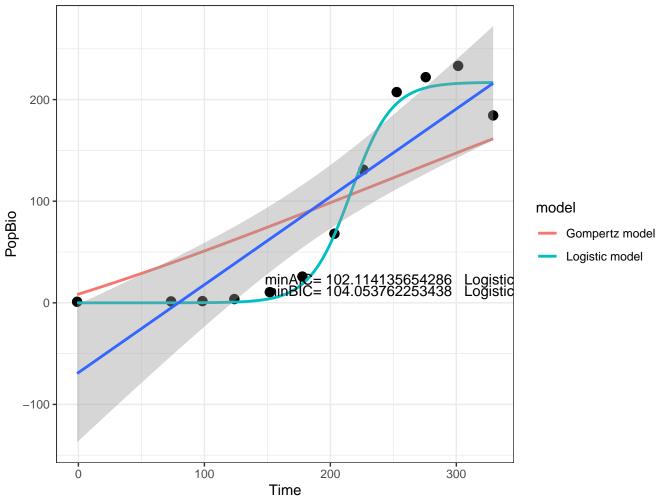
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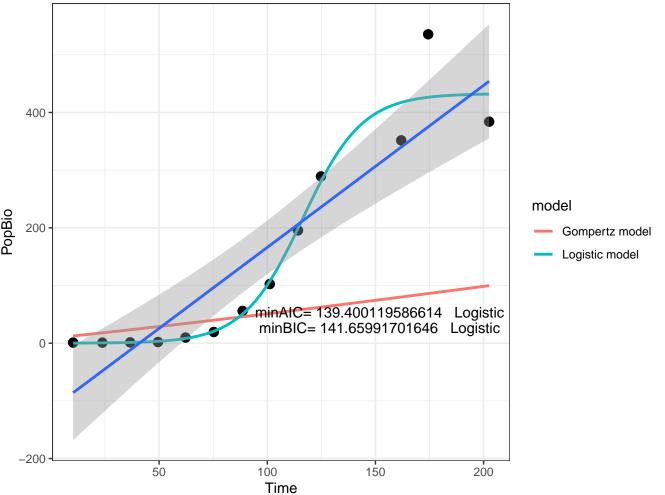


Time

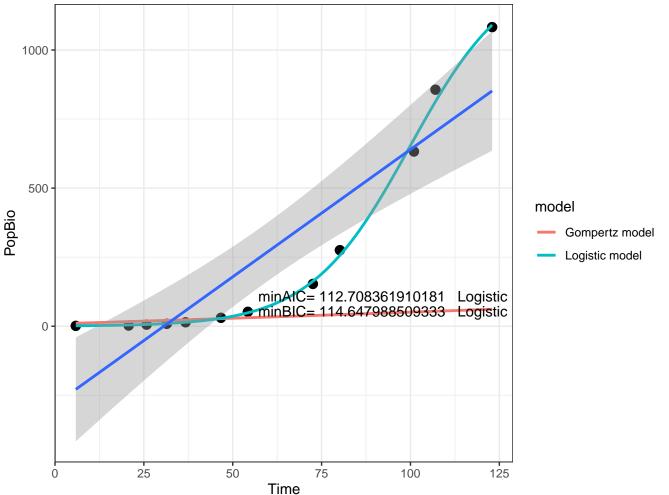
Pseudomonas spp._7_Salted Chicken Breast_Galarz, L.A., Fonseca, G.G. and I



Pseudomonas spp._10_Salted Chicken Breast_Galarz, L.A., Fonseca, G.G. and



Pseudomonas spp._15_Salted Chicken Breast_Galarz, L.A., Fonseca, G.G. and



Pseudomonas spp._20_Salted Chicken Breast_Galarz, L.A., Fonseca, G.G. and 800 -400 model PopBio Gompertz model Logistic model minAIC= 73.6409643100123 Logistic minBIC= 73.9587304767316 Logistic 0

40

Time

50

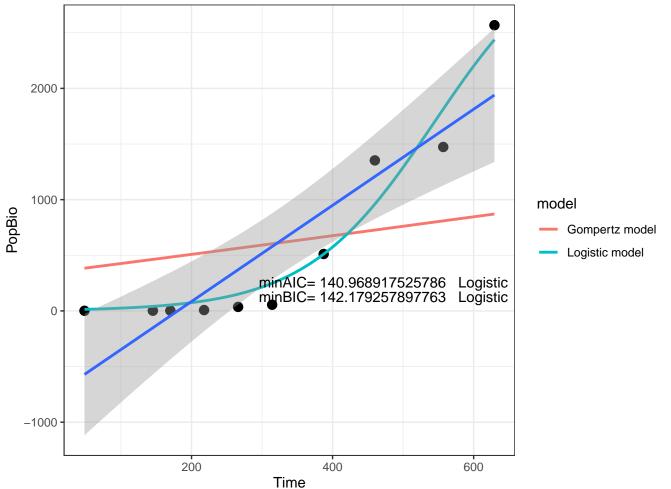
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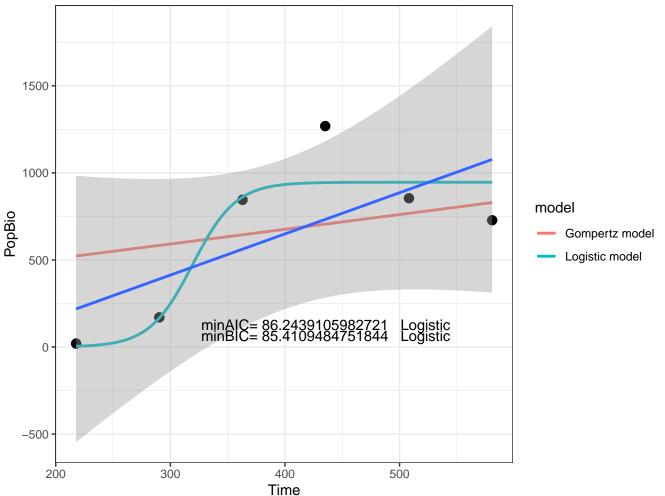
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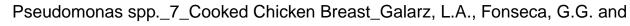
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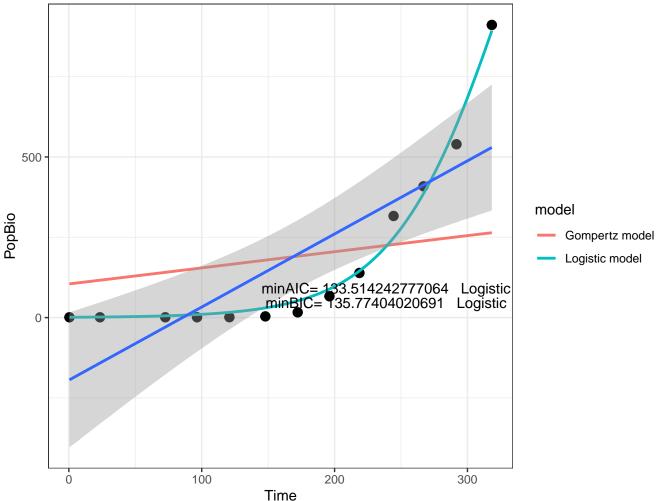
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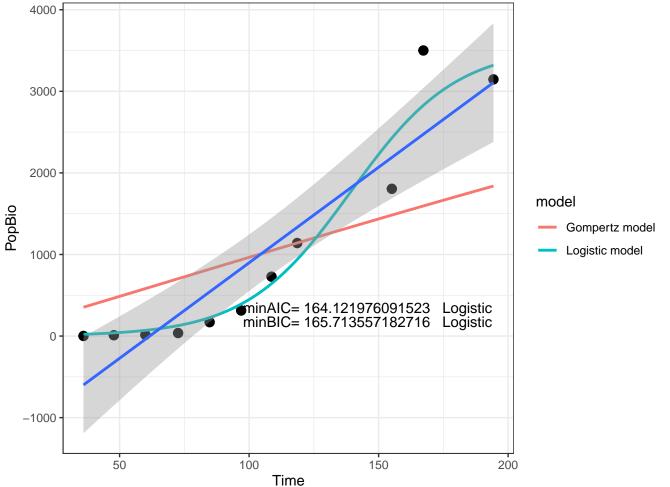
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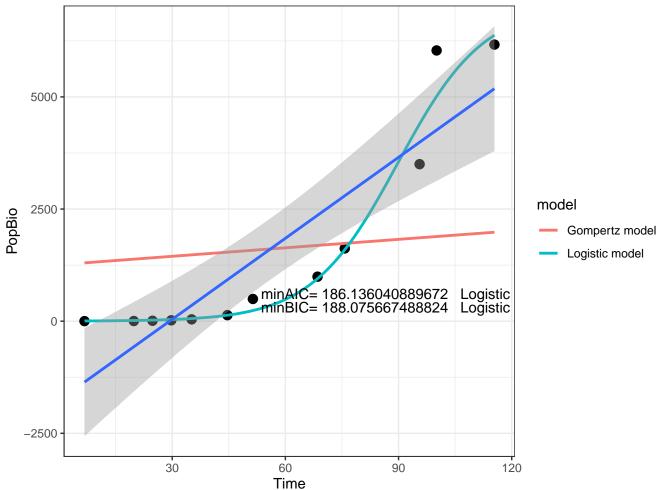


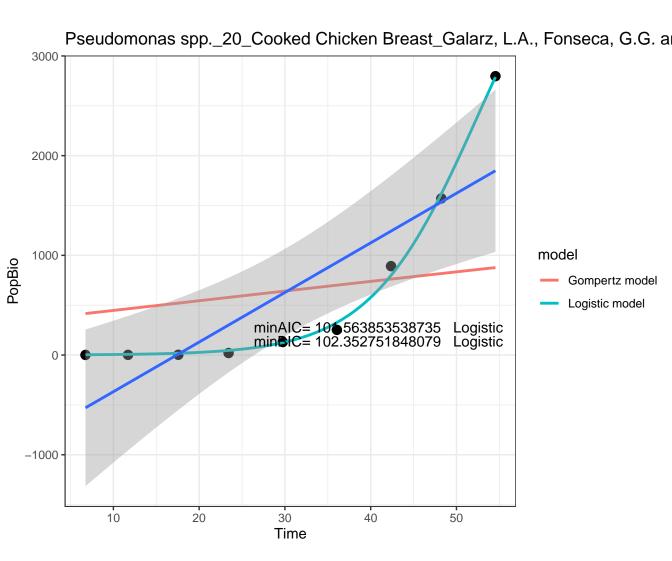


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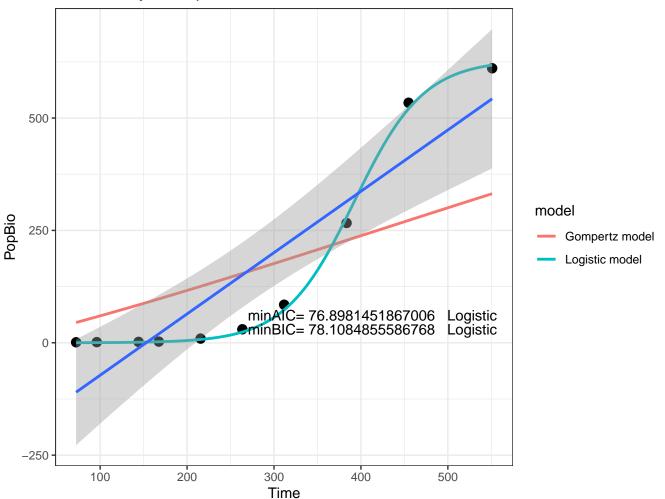


Pseudomonas spp._15_Cooked Chicken Breast_Galarz, L.A., Fonseca, G.G. a

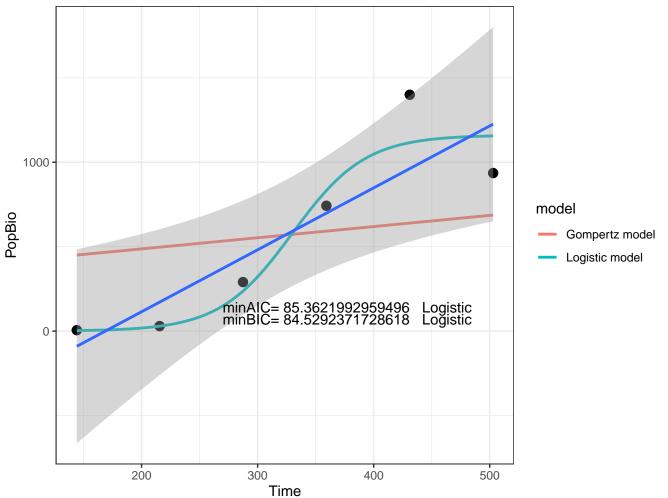




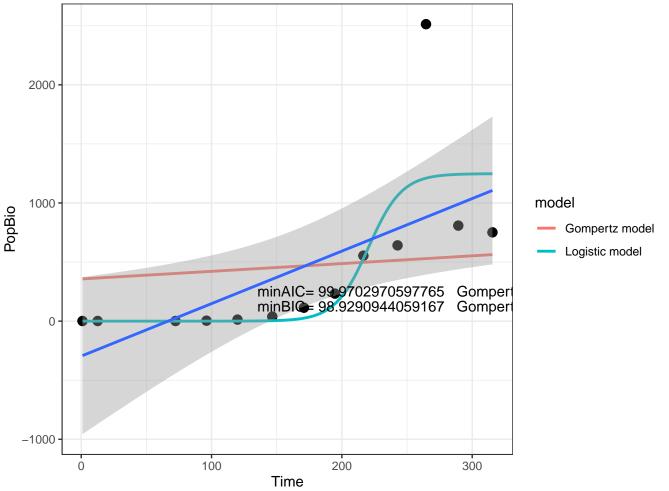
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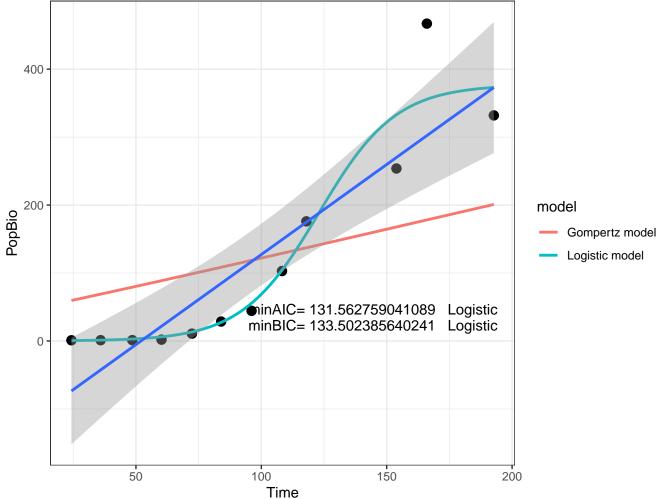
Aerobic Psychotropic._4_Raw Chicken Breast_Galarz, L.A., Fonseca, G.G. and



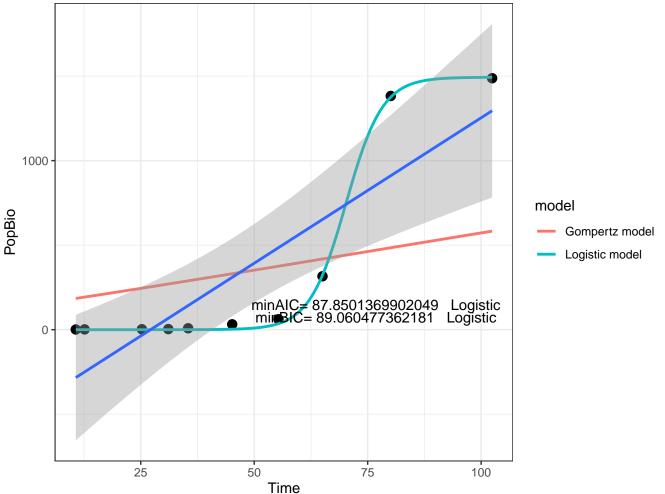
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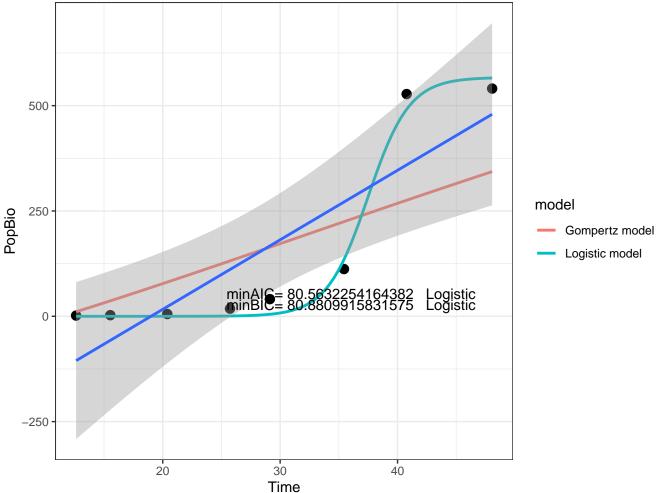
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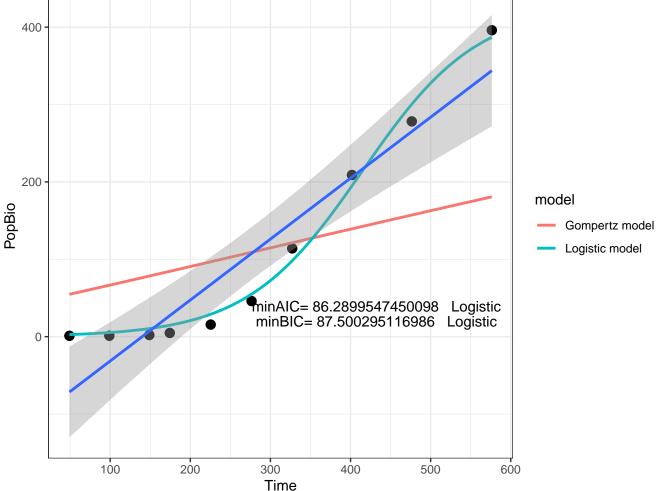
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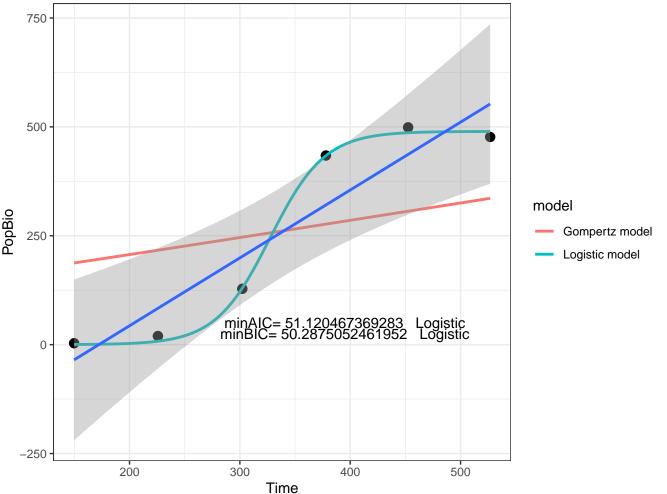
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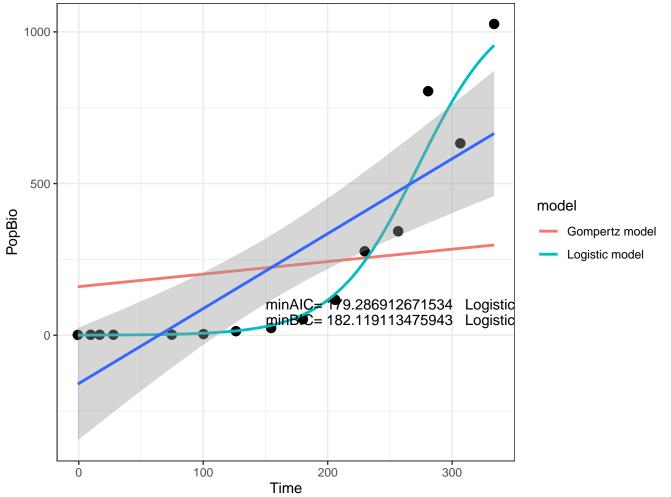
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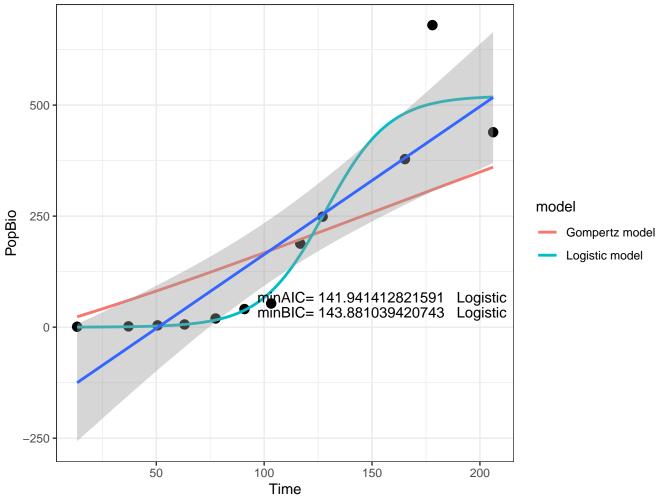
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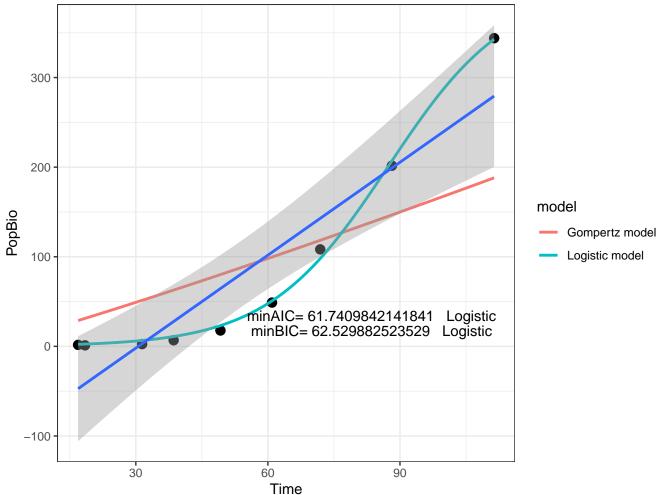
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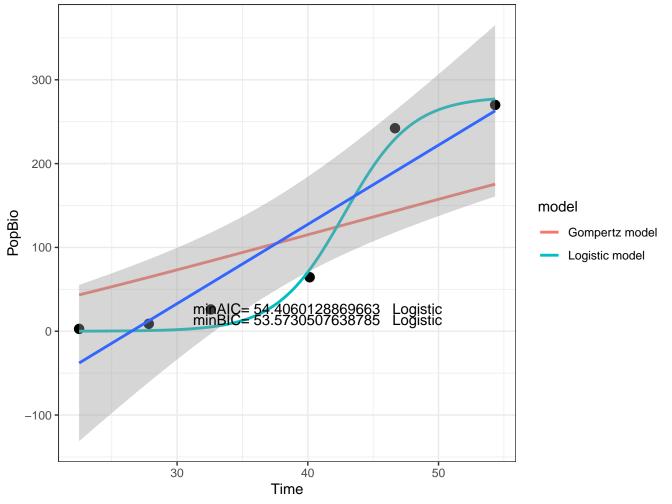
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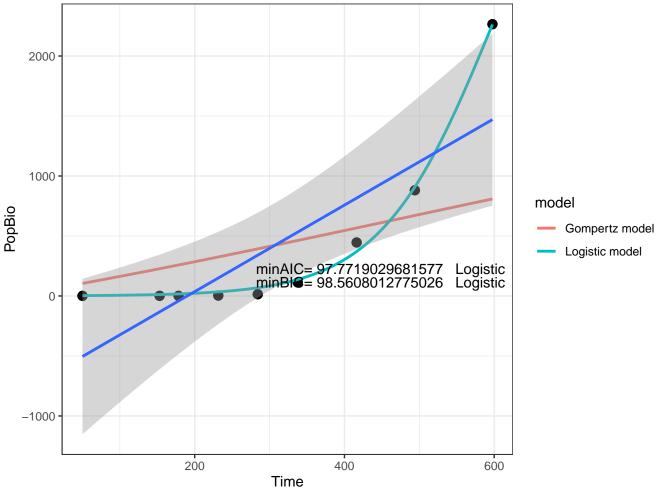
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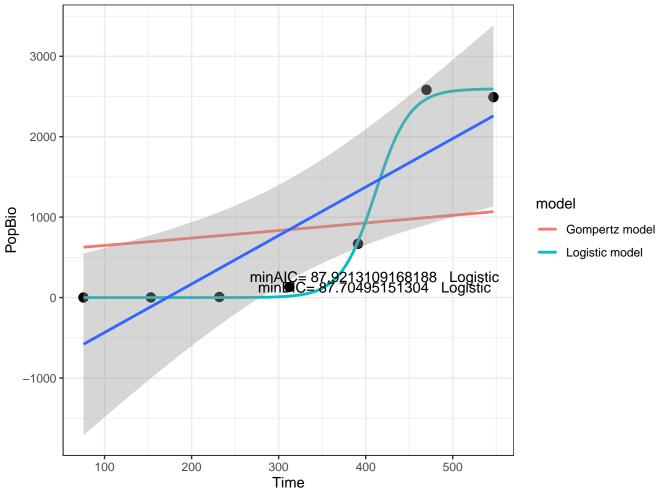
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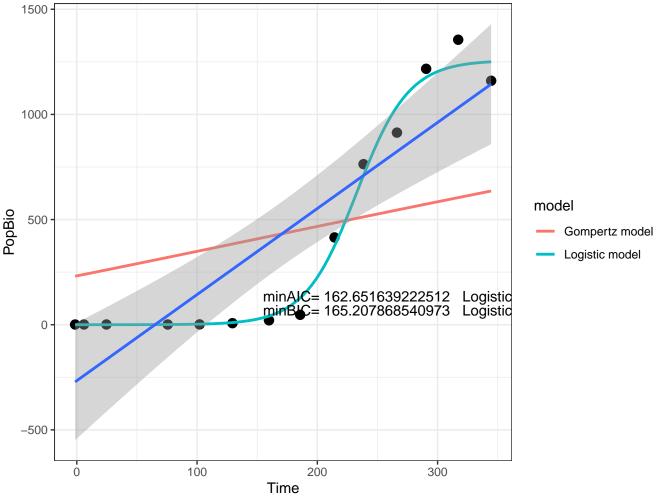
Aerobic Psychotropic._2_Cooked Chicken Breast_Galarz, L.A., Fonseca, G.G.



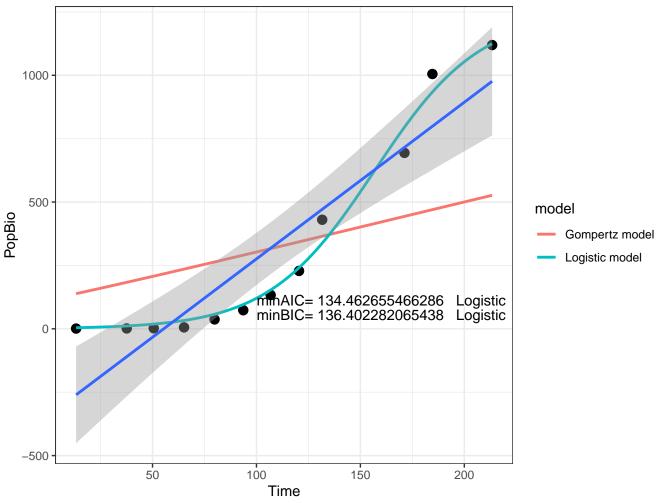
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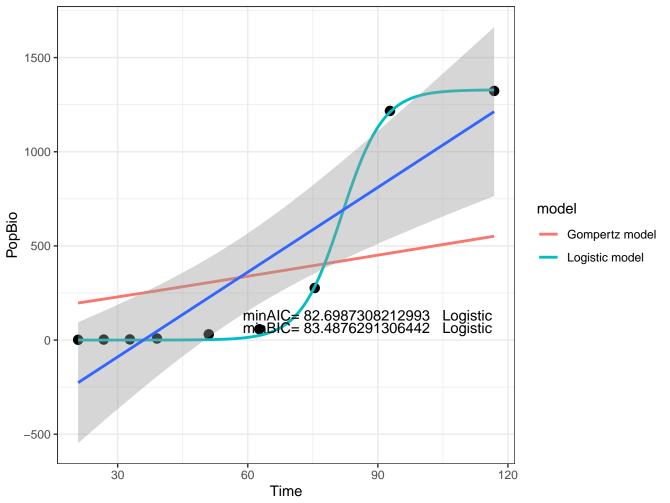
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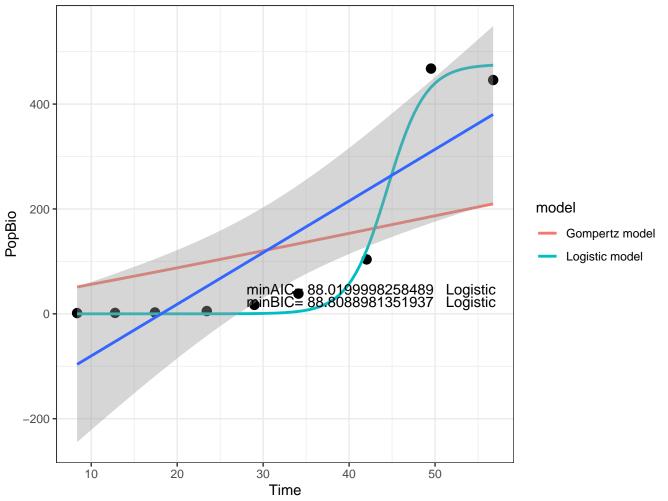
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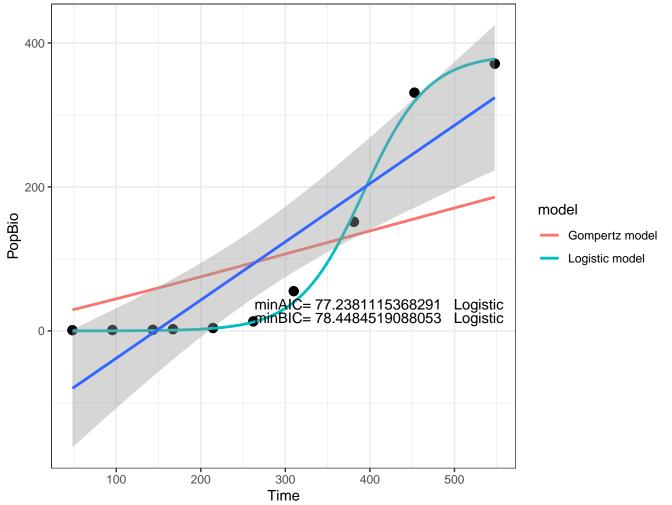
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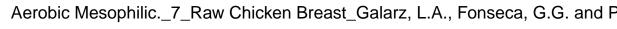


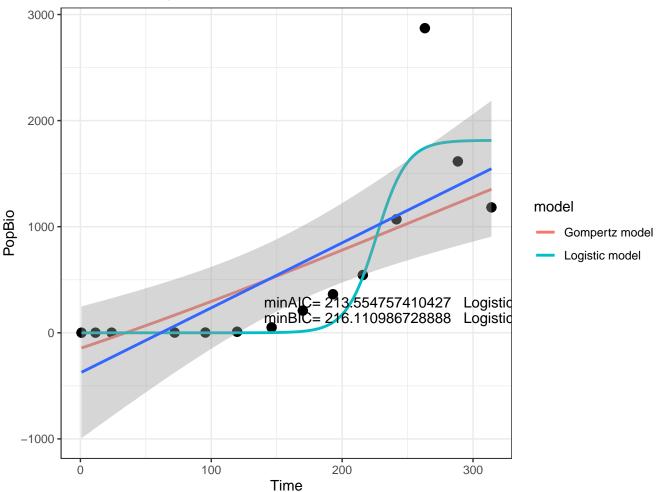
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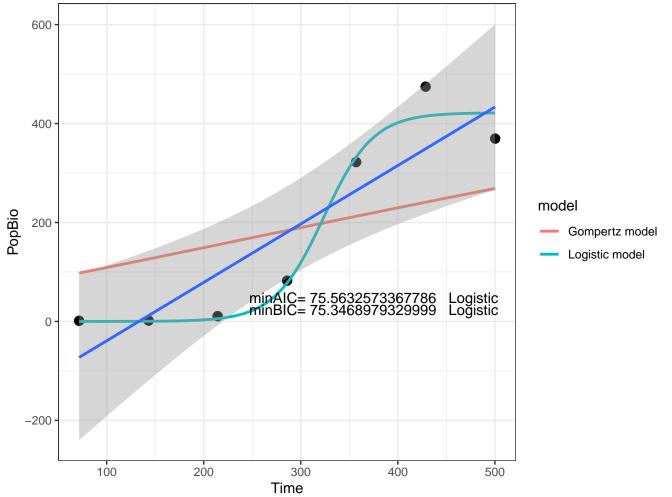
Aerobic Mesophilic._2_Raw Chicken Breast_Galarz, L.A., Fonseca, G.G. and Pre







Aerobic Mesophilic._4_Raw Chicken Breast_Galarz, L.A., Fonseca, G.G. and Pr



Aerobic Mesophilic._10_Raw Chicken Breast_Galarz, L.A., Fonseca, G.G. and P. 500 model Gompertz model Logistic model minAC= 110.670213036492 MinBIC= 111.880553408468 Logistic Logistic 0

120

160

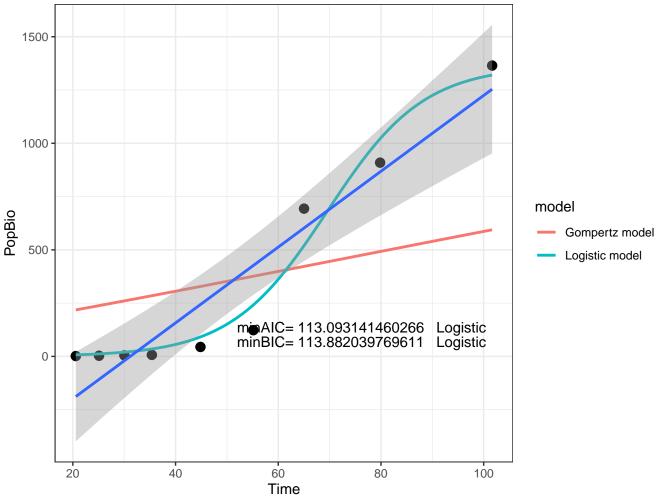
PopBio

40

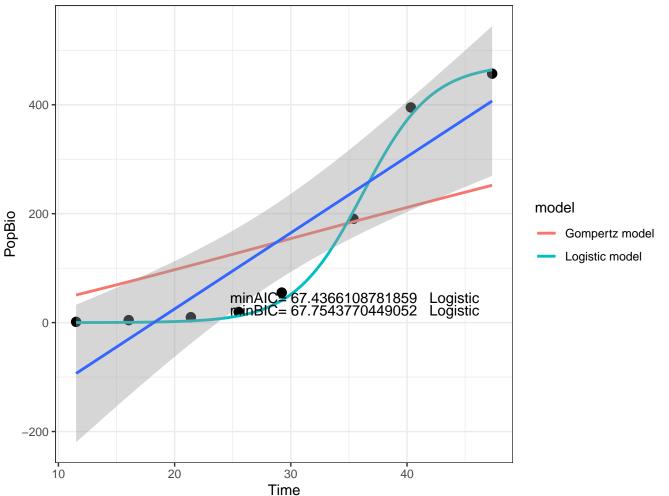
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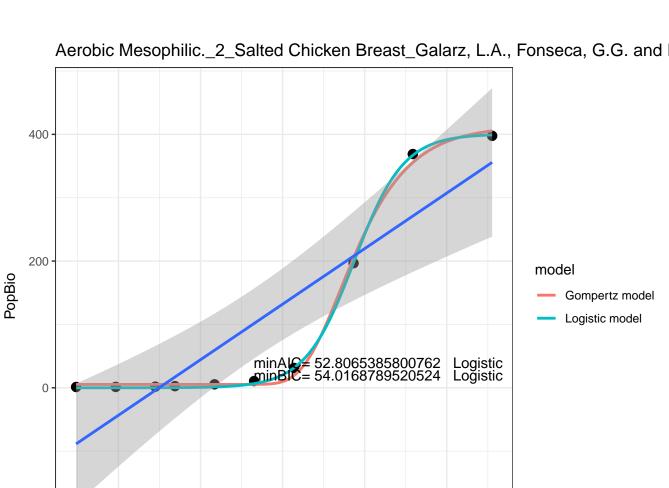
Time

Aerobic Mesophilic._15_Raw Chicken Breast_Galarz, L.A., Fonseca, G.G. and F



Aerobic Mesophilic._20_Raw Chicken Breast_Galarz, L.A., Fonseca, G.G. and F

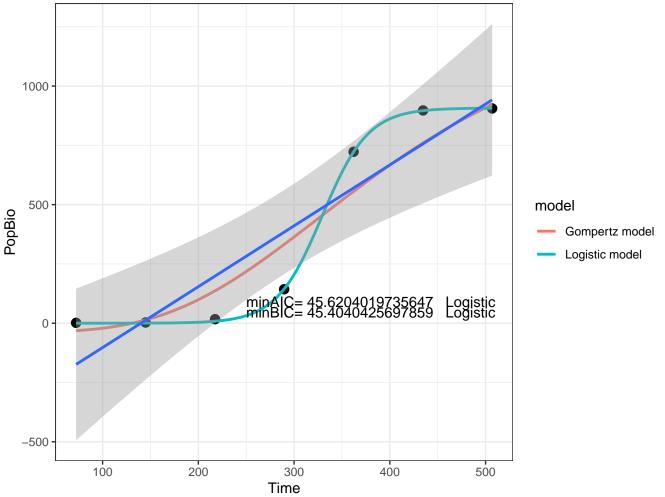




-200

Time

Aerobic Mesophilic._4_Salted Chicken Breast_Galarz, L.A., Fonseca, G.G. and



Aerobic Mesophilic._7_Salted Chicken Breast_Galarz, L.A., Fonseca, G.G. and 2000 1000 model Gompertz model Logistic model minAIC= 171.5 1537646931 minBIC= 174.067766965392 Logistic Logistic

200

Time

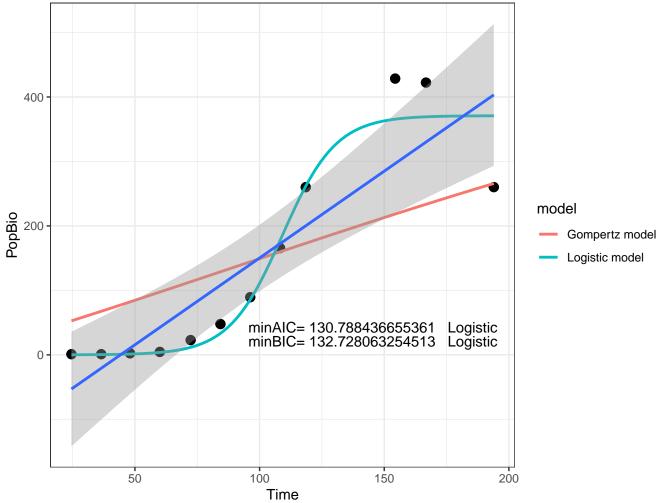
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PopBio

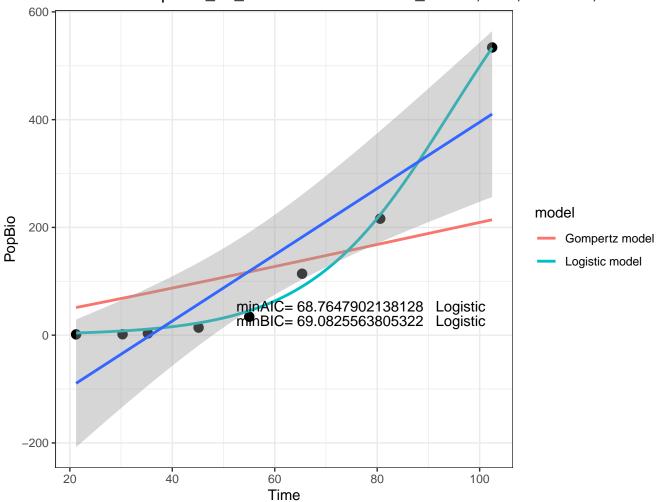
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100

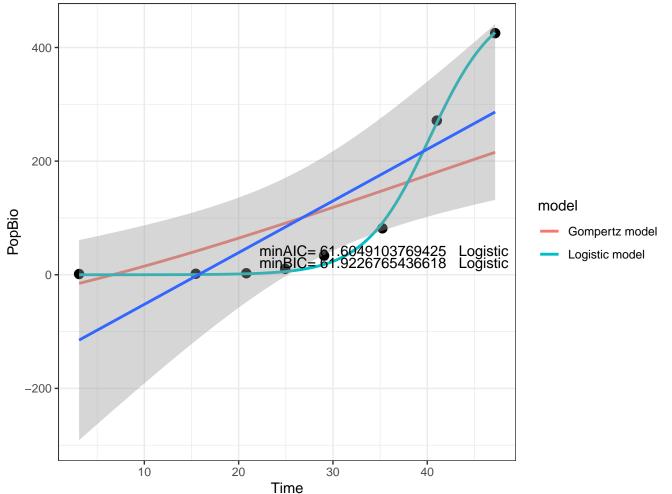




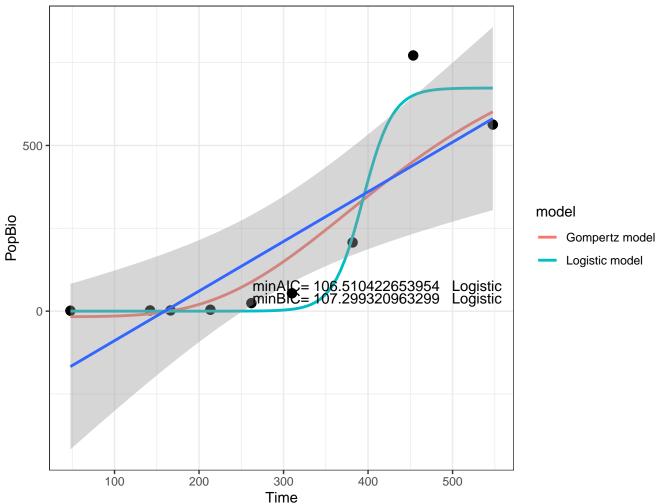
Aerobic Mesophilic._15_Salted Chicken Breast_Galarz, L.A., Fonseca, G.G. and



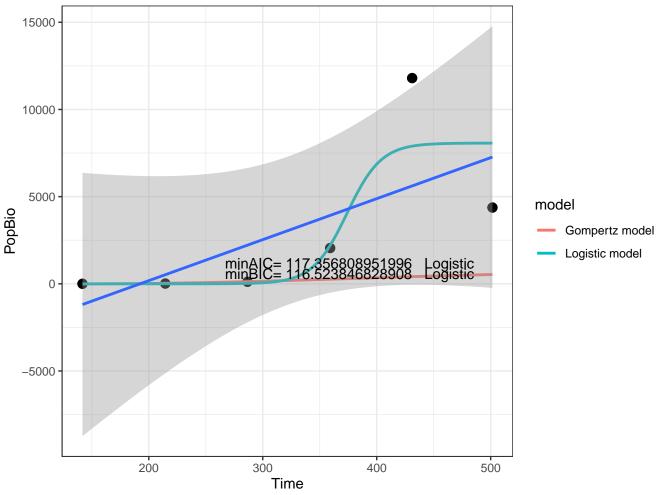
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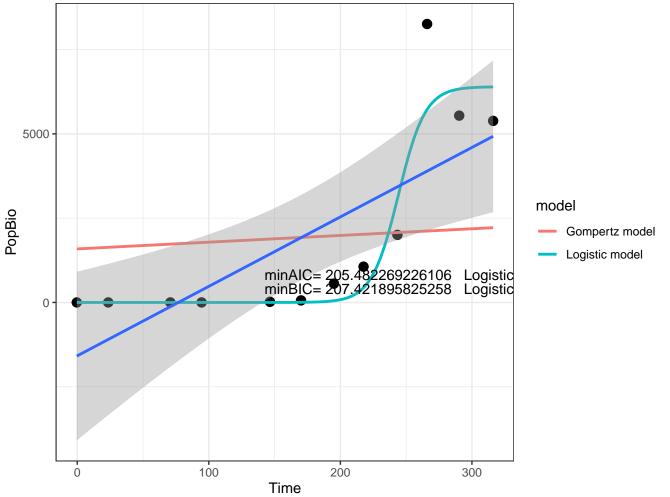
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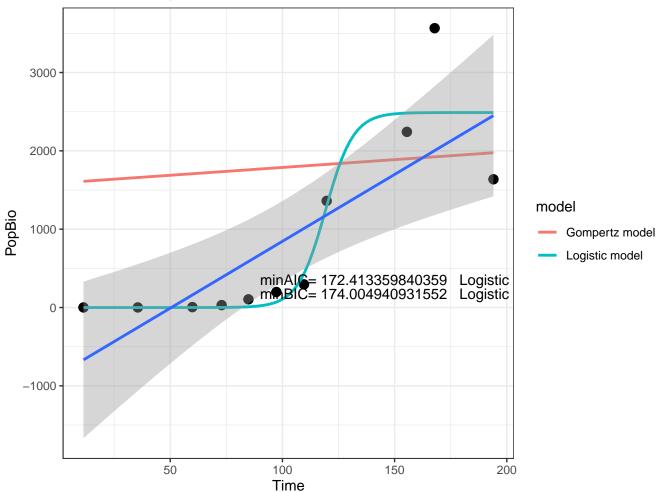
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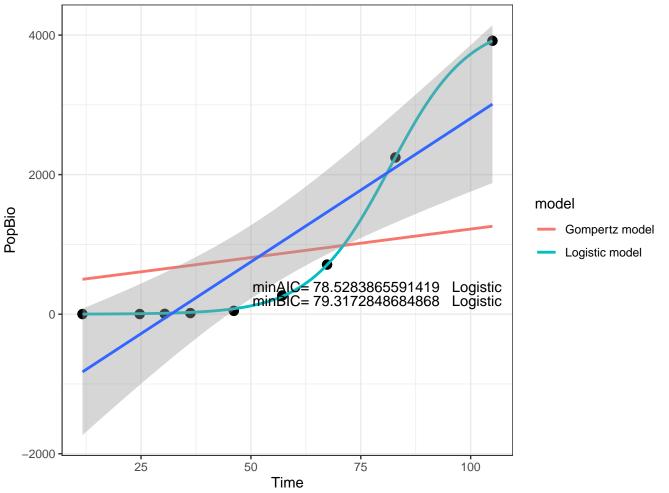
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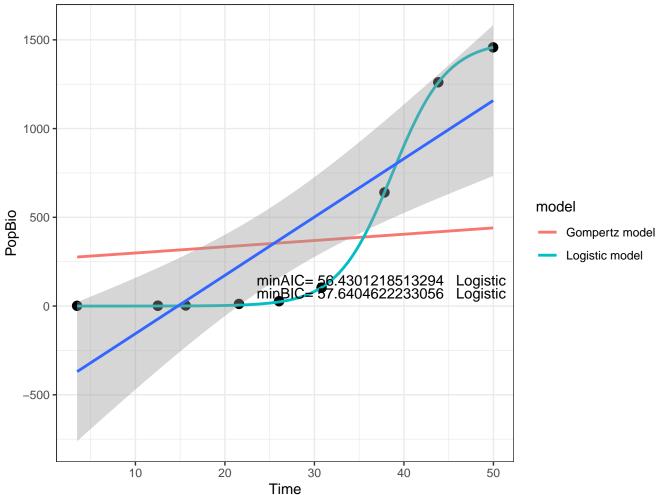
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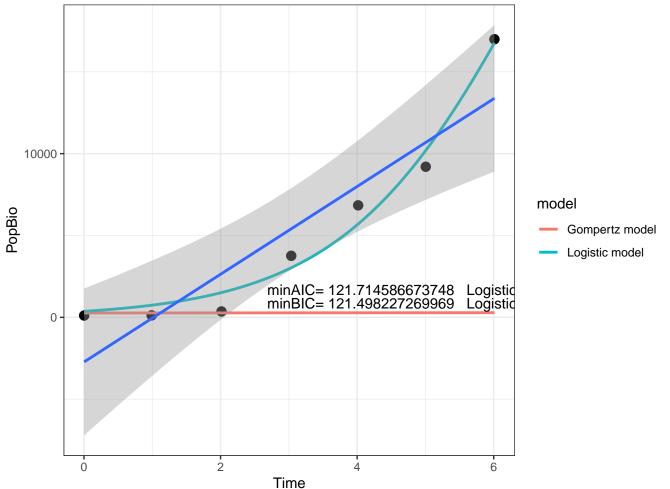
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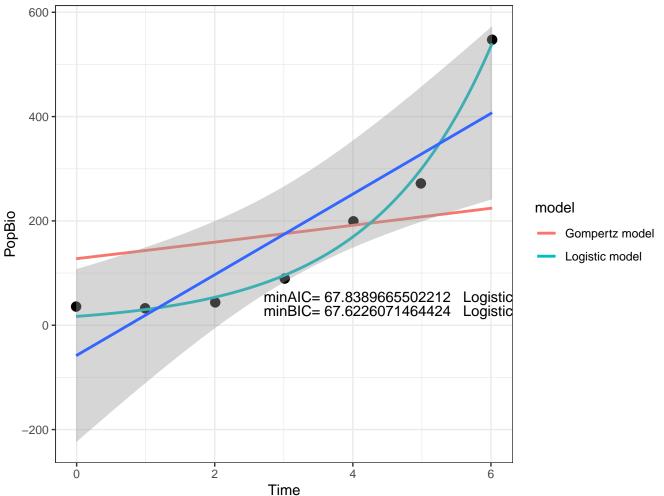
Aerobic Mesophilic._20_Cooked Chicken Breast_Galarz, L.A., Fonseca, G.G. ar



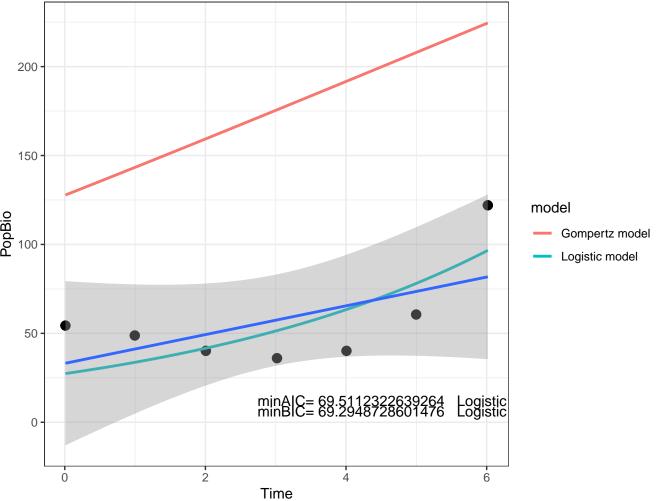
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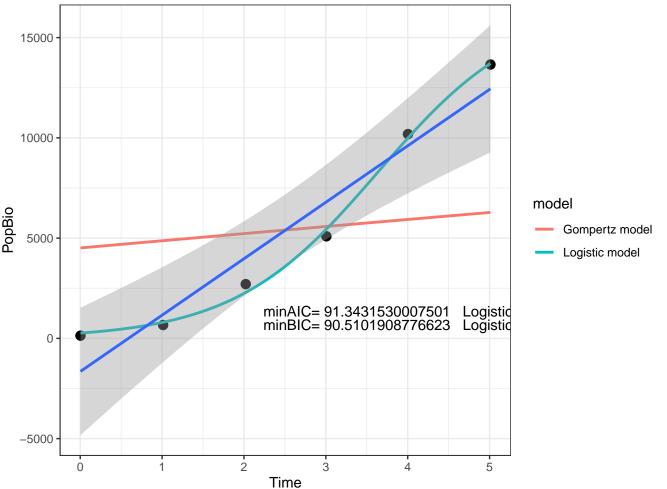
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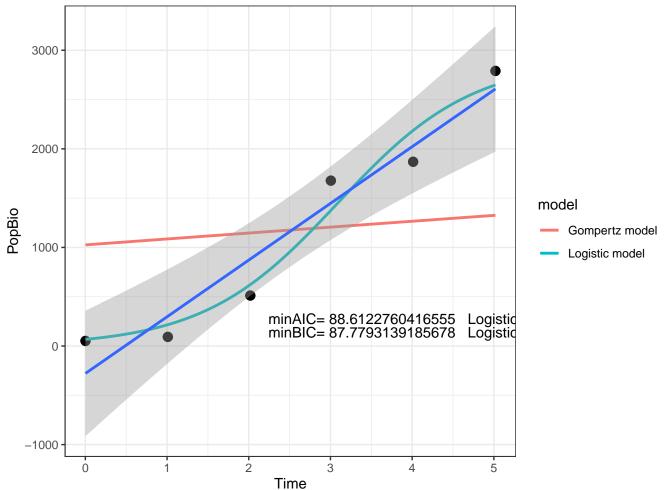


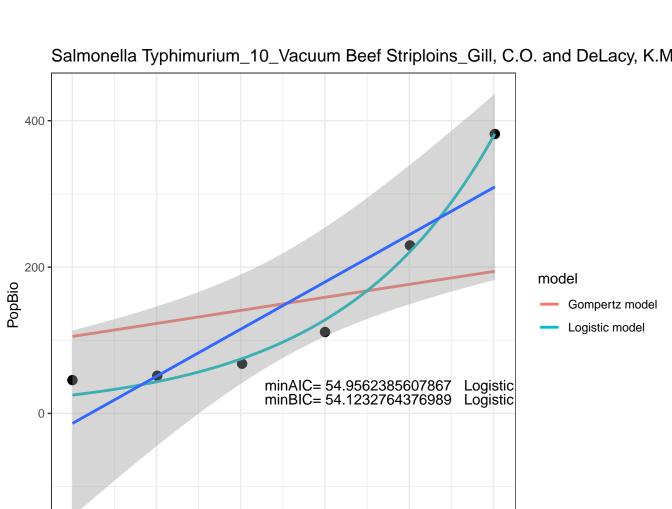


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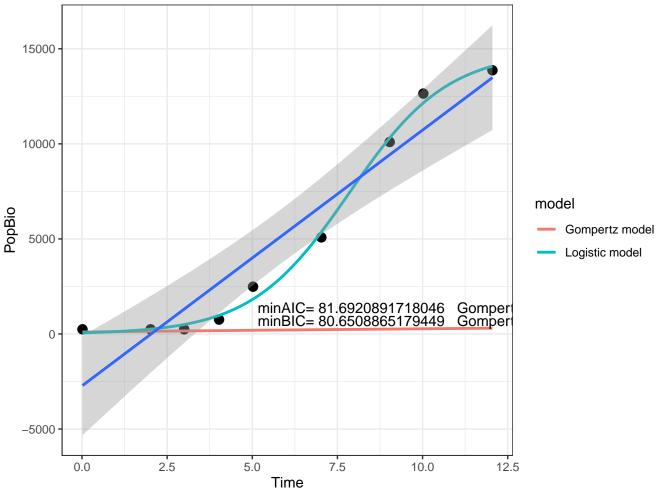
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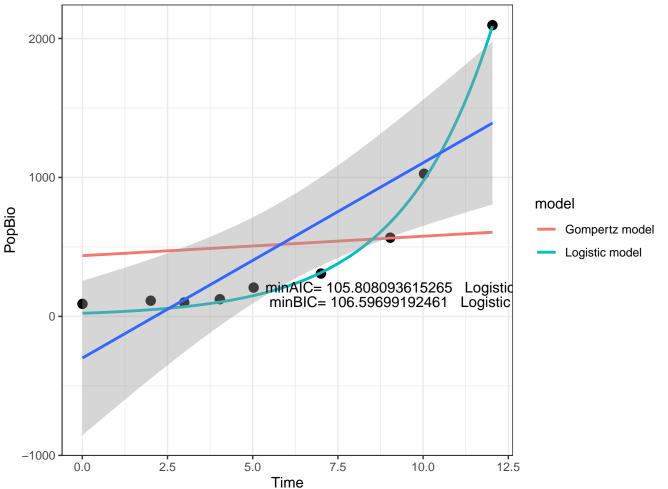


Time

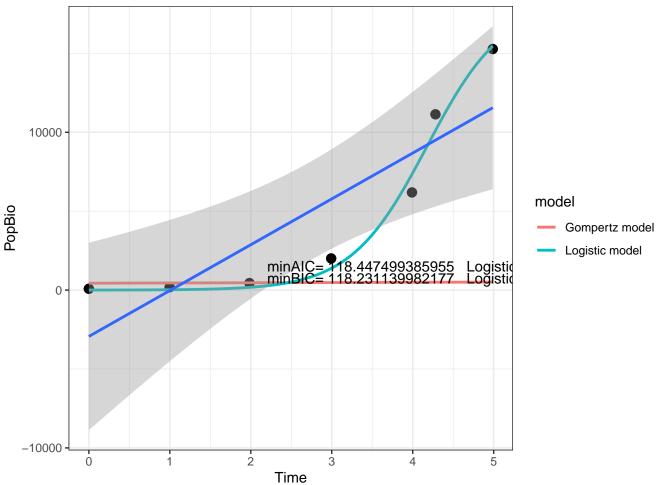
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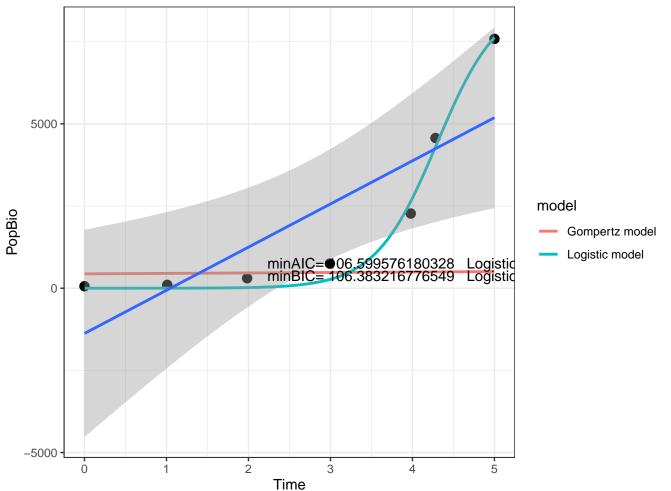
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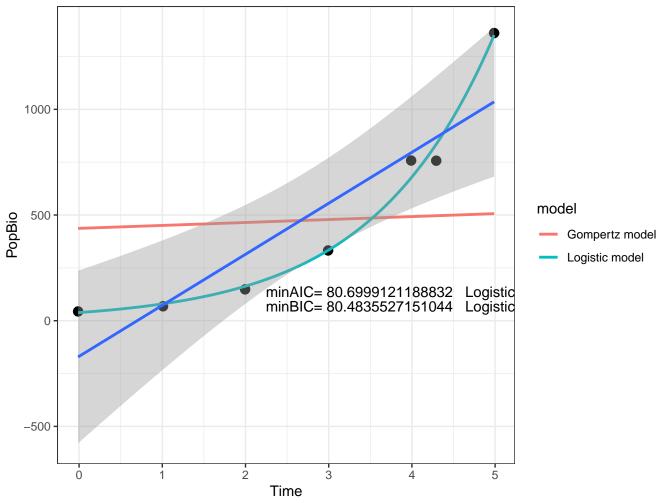
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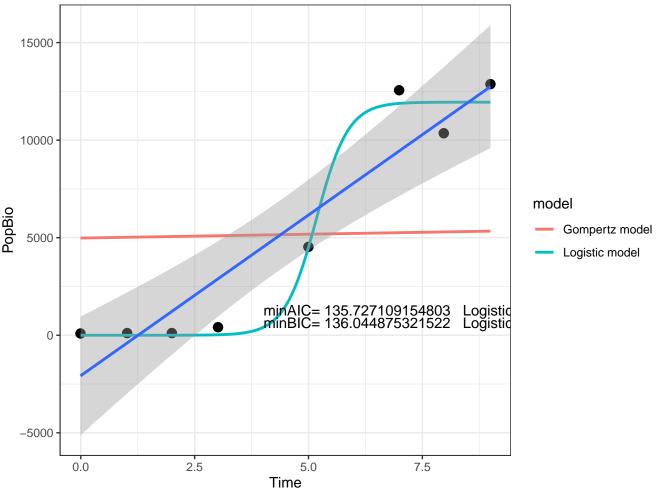
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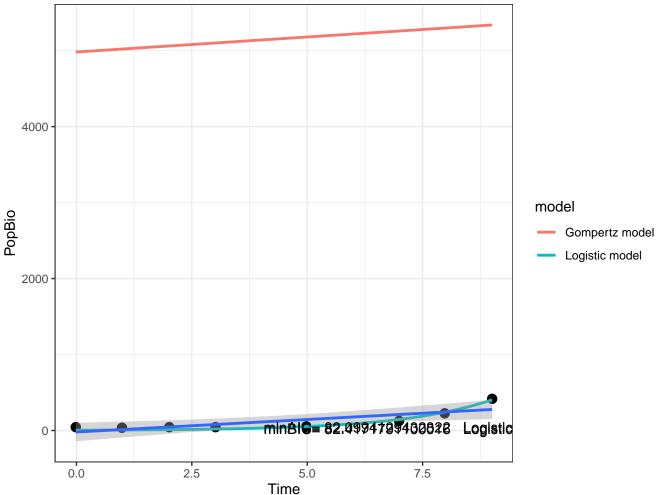
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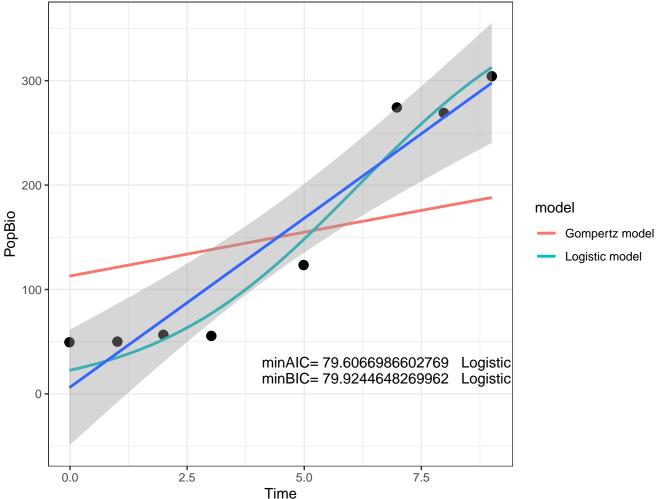
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Escherichia coli_12_C02 Beef Striploins_Gill, C.O. and DeLacy, K.M., 1991. Gro



Salmonella Typhimurium_12_C02 Beef Striploins_Gill, C.O. and DeLacy, K.M., 19



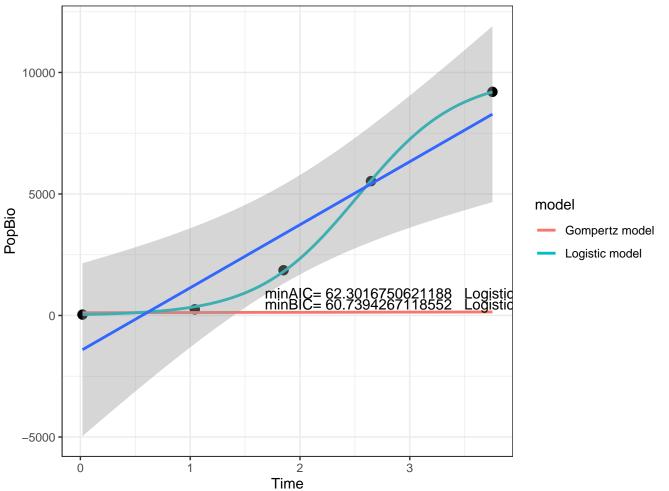
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Time

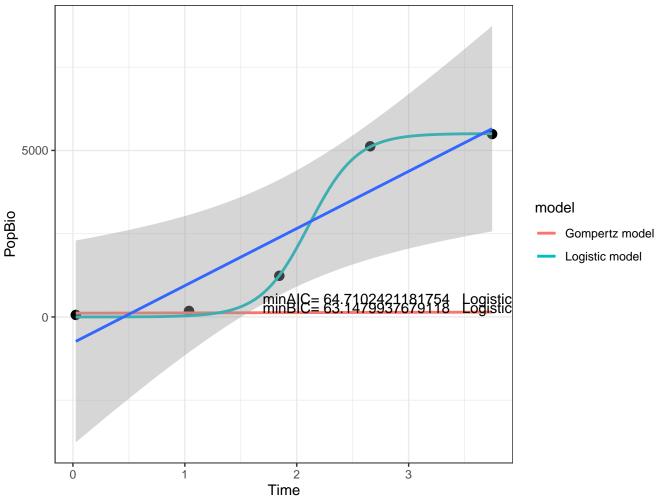
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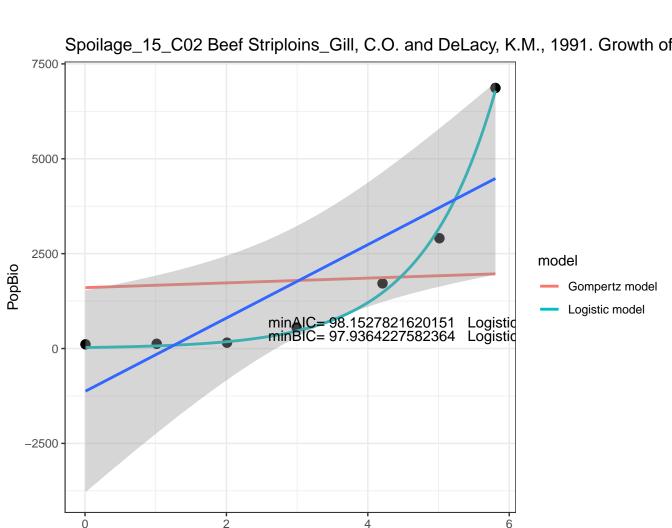
PopBio

Escherichia coli_15_Vacuum Beef Striploins_Gill, C.O. and DeLacy, K.M., 1991



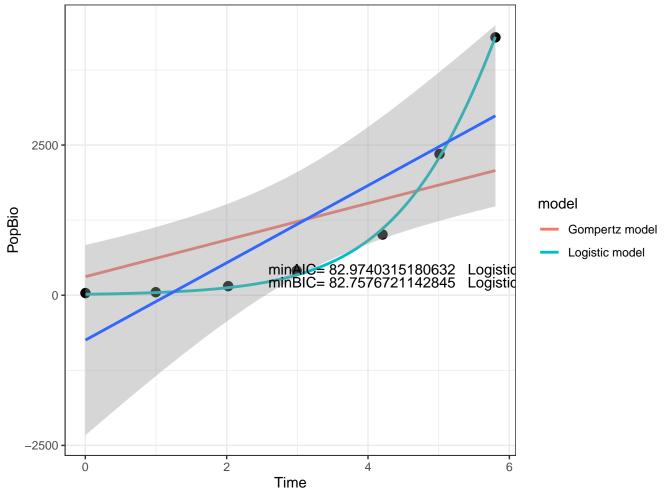
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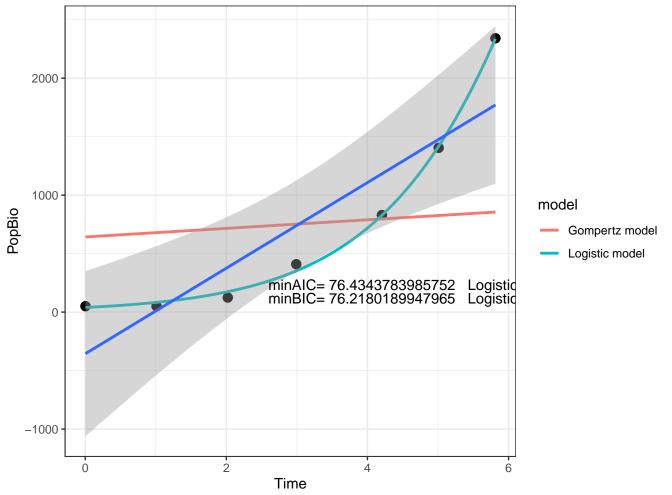


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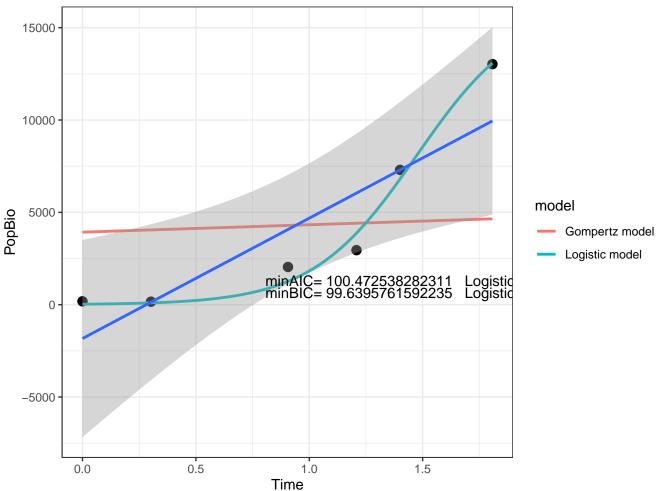
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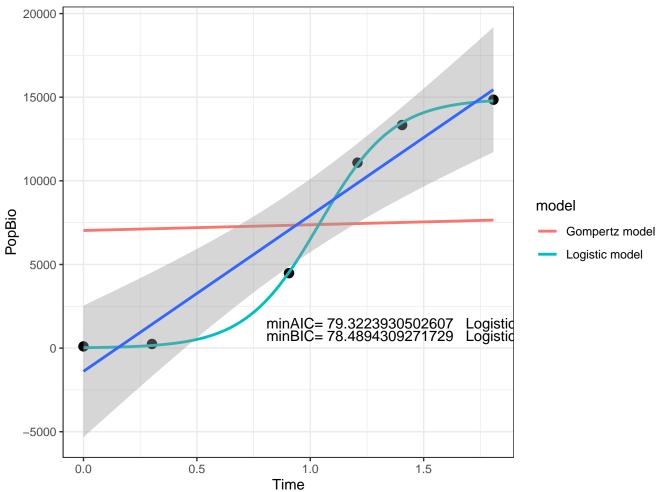
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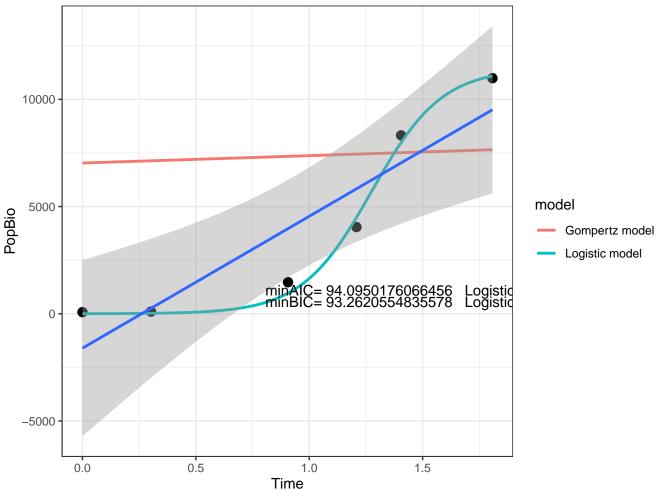
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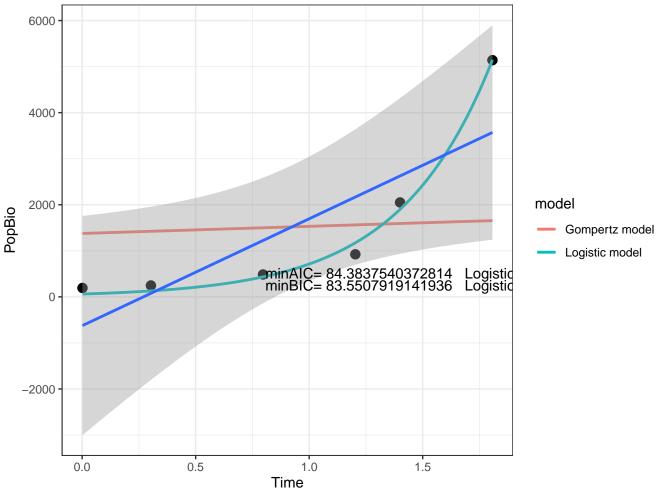
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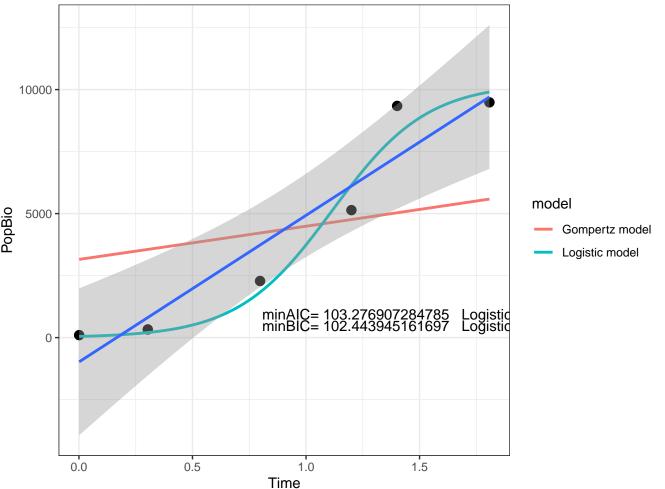
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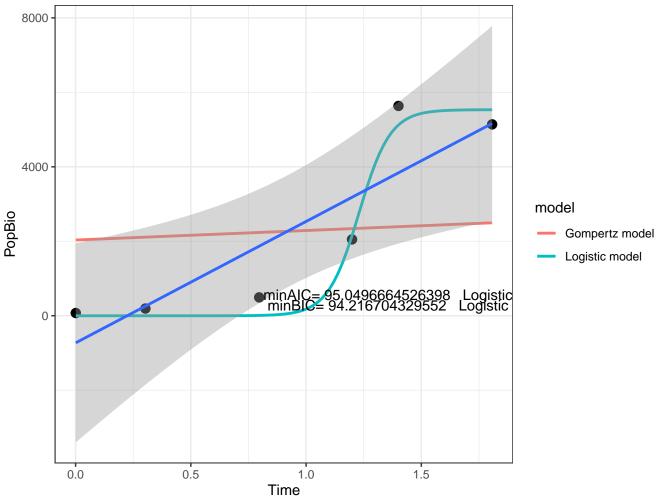
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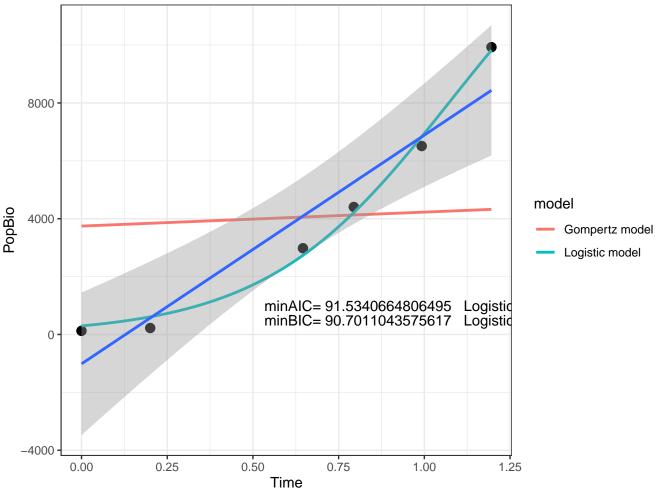
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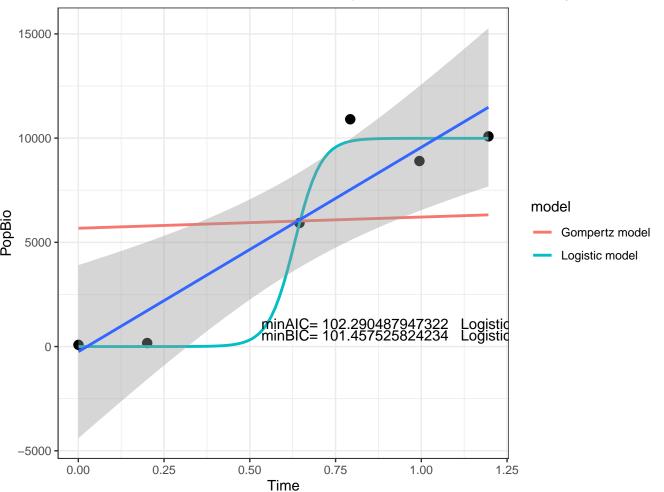
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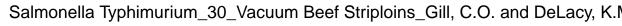


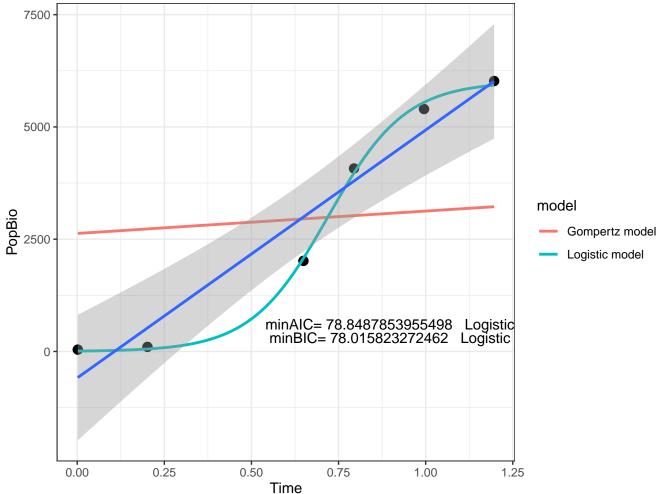
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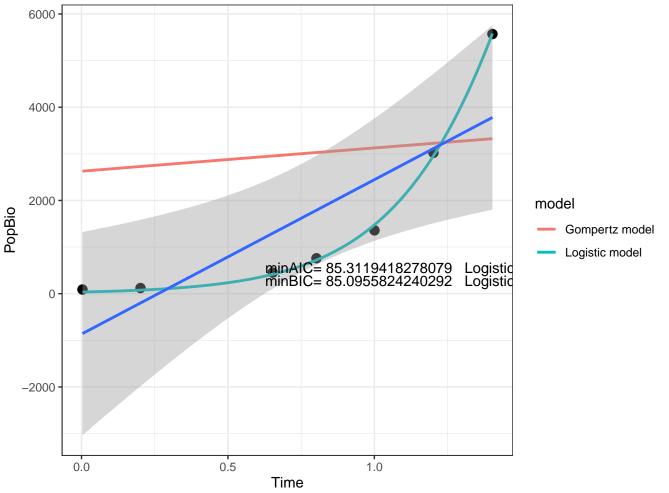
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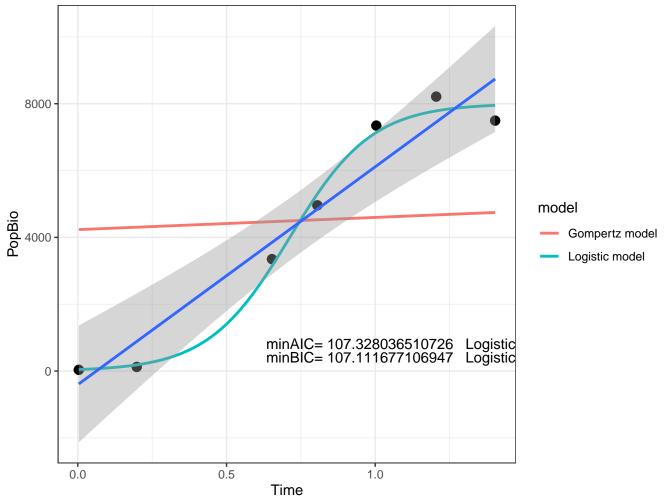




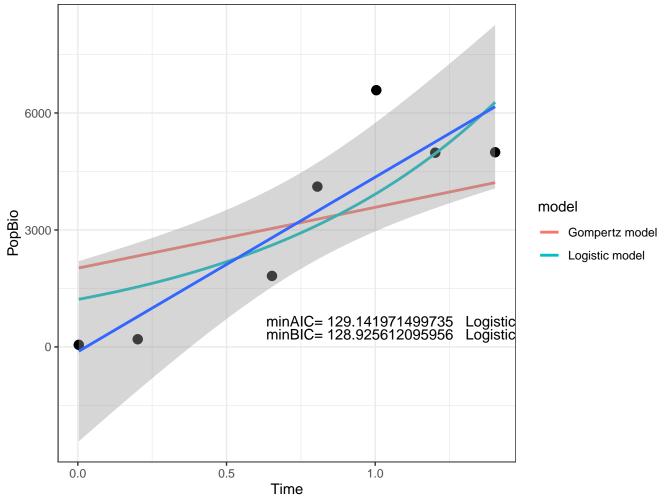
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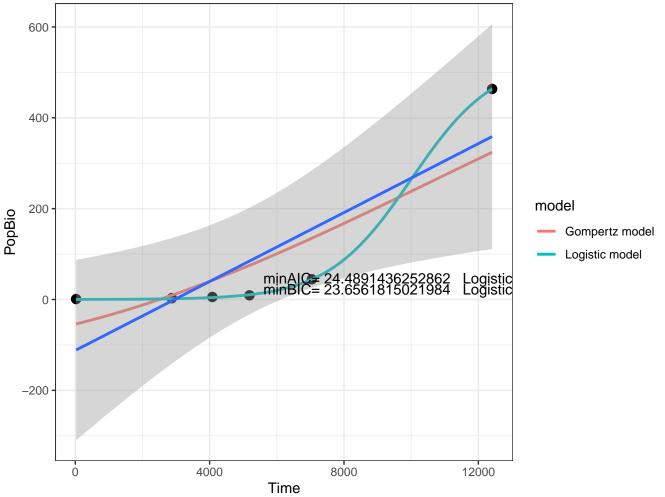
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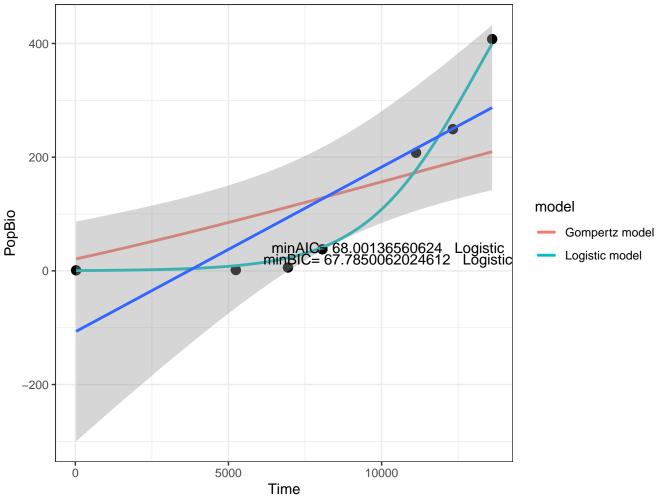
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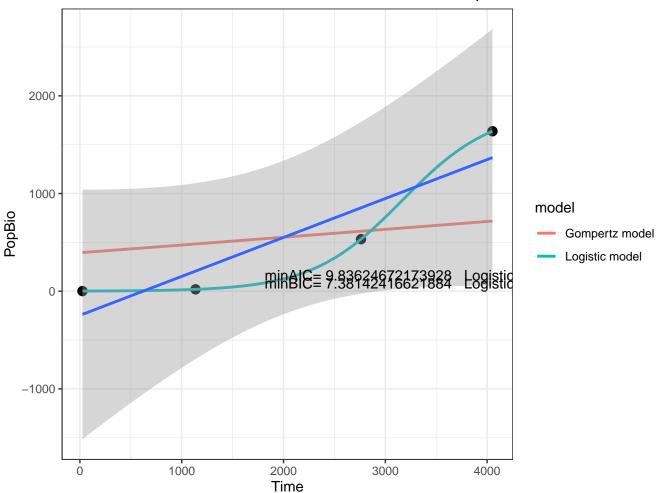
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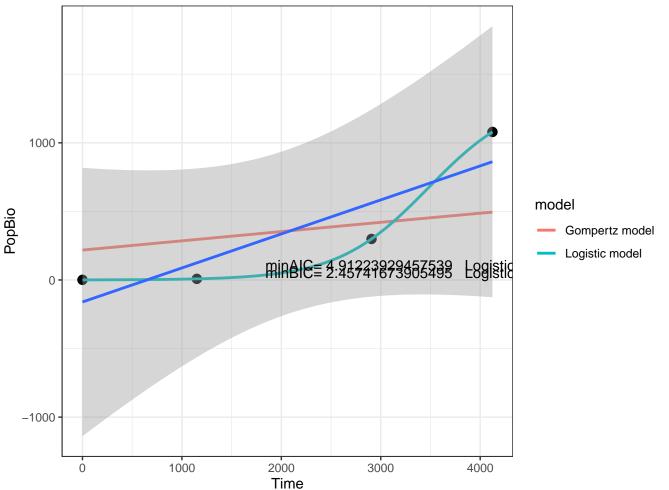
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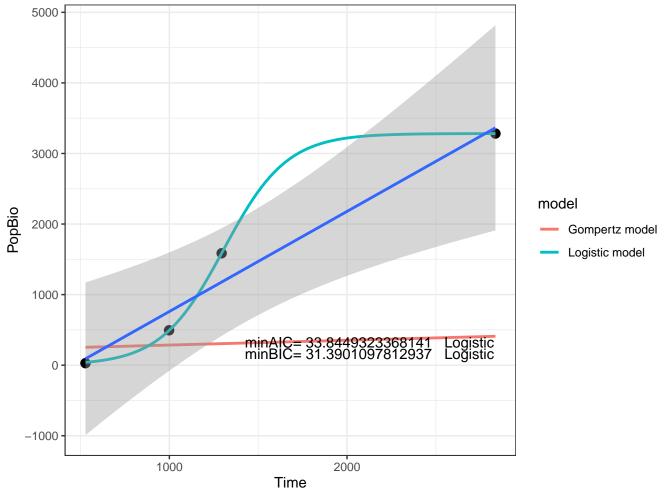
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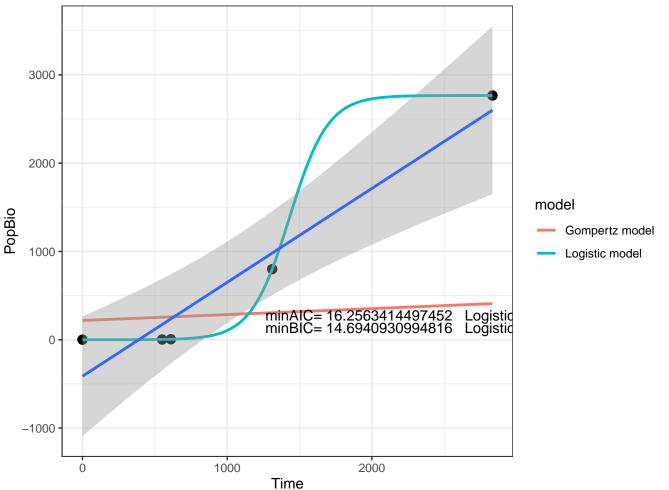
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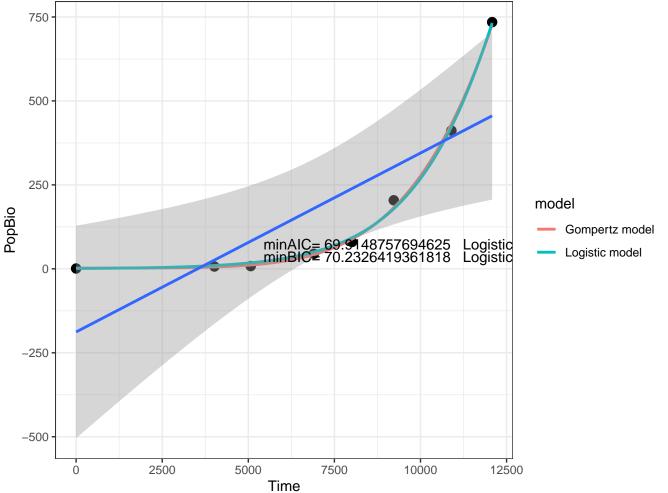
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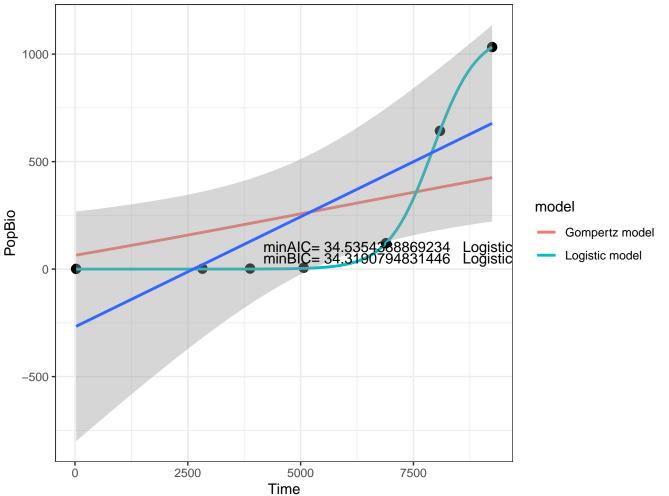
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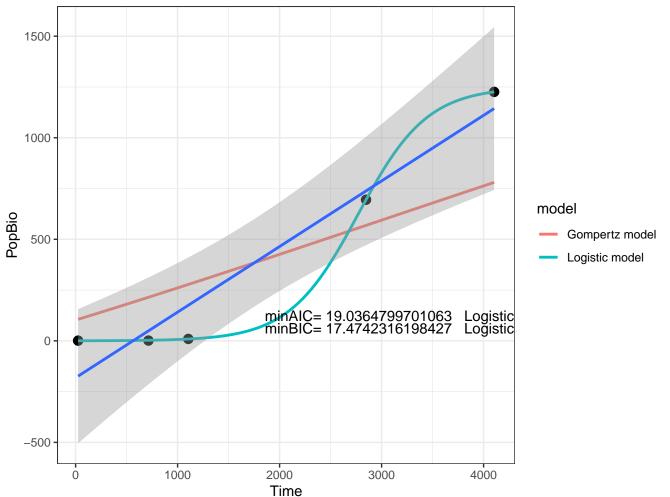
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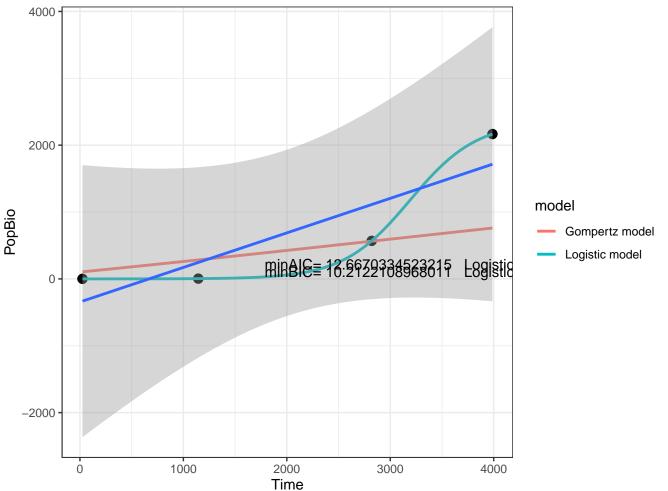
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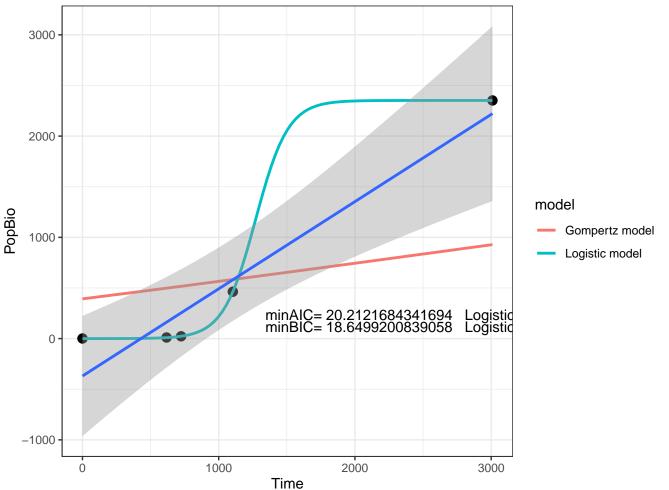
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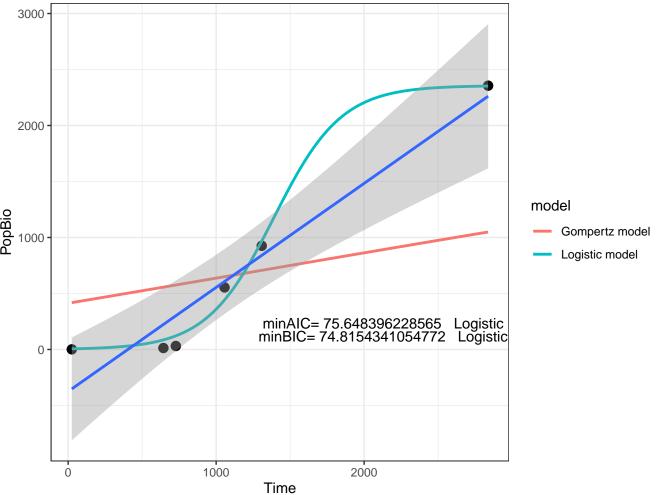
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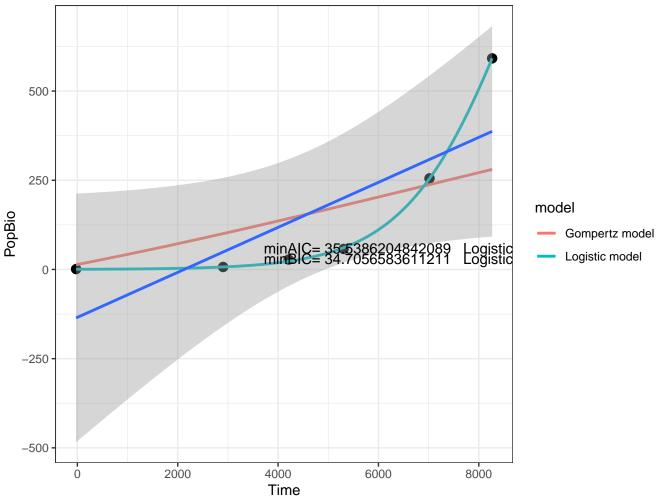
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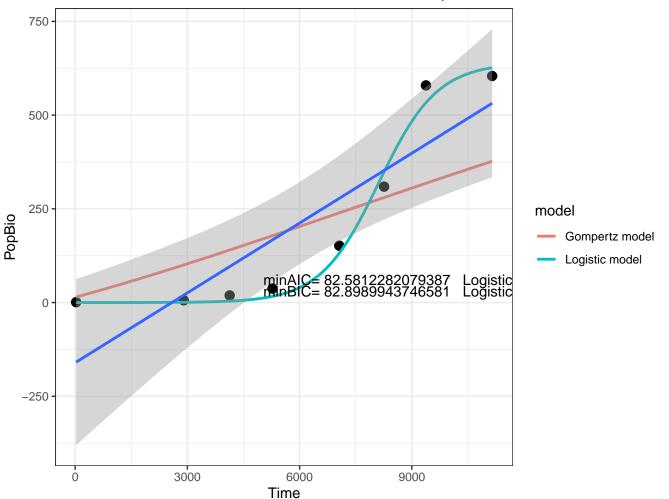
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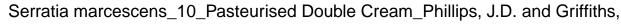


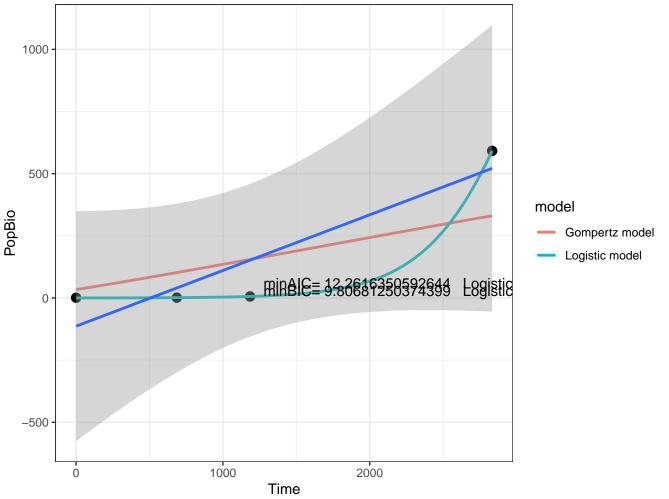
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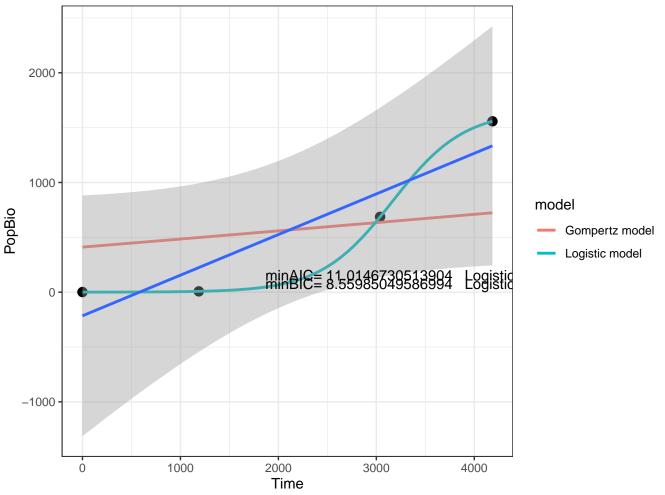
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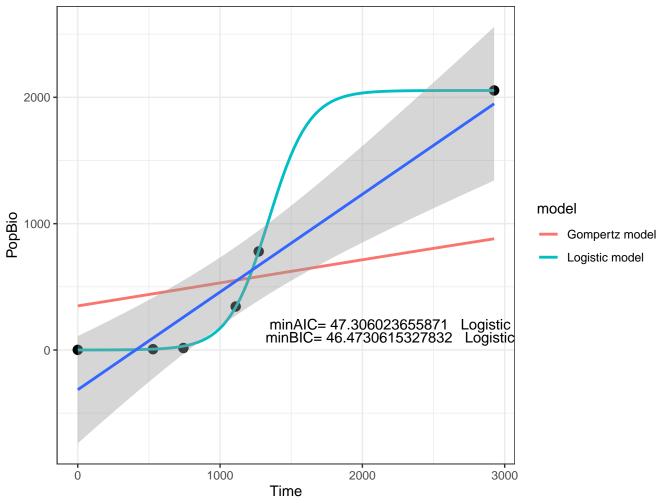




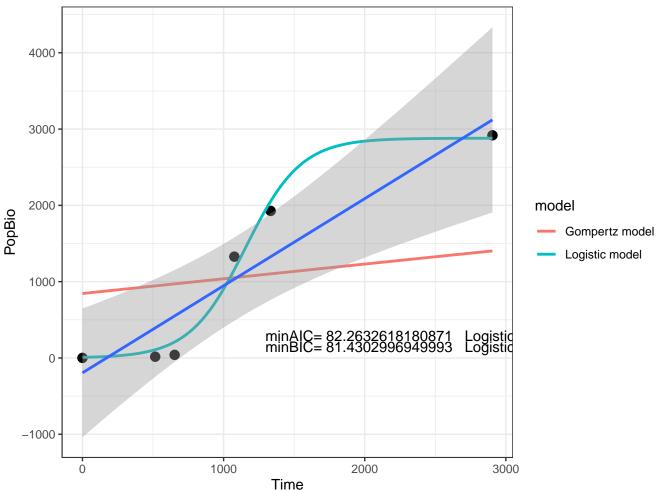
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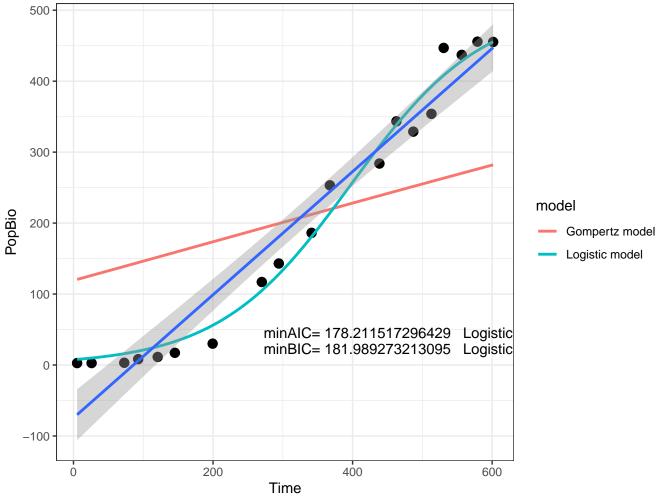
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Serratia marcescens_15_UHT Double Cream_Phillips, J.D. and Griffiths, M.W.,



Arthrobacter sp. 77_0_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continu



Arthrobacter sp. 77_7_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continuit 500 model Gompertz model Logistic model minAIC= 144.612821611041 minBIC= 146.872619040887 Logistic Logistic 0

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400

PopBio

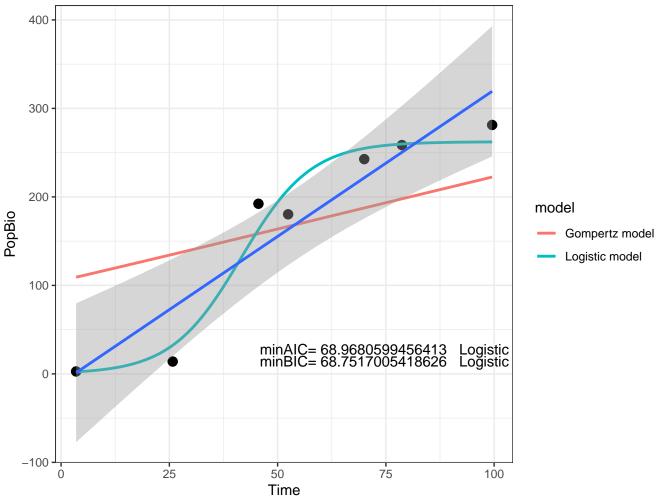
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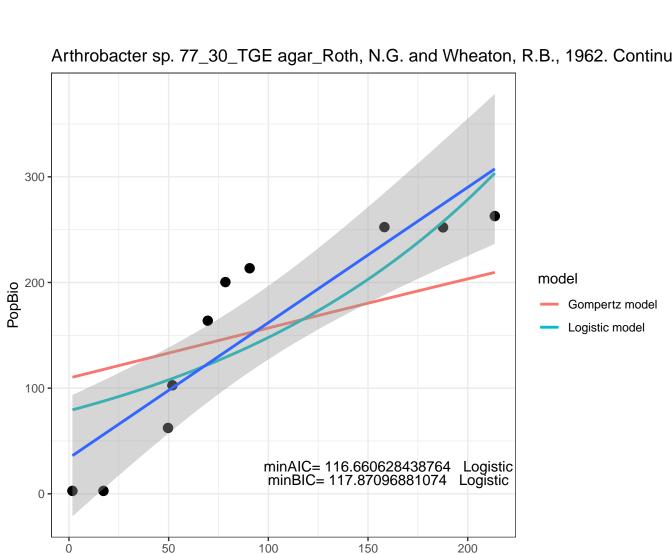
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200

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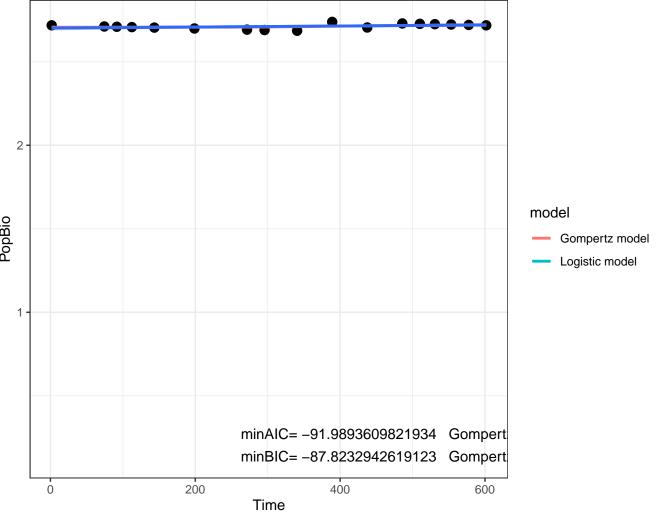
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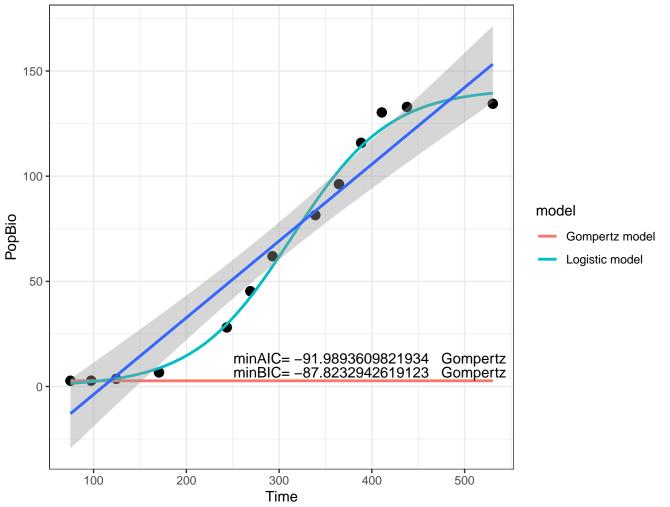


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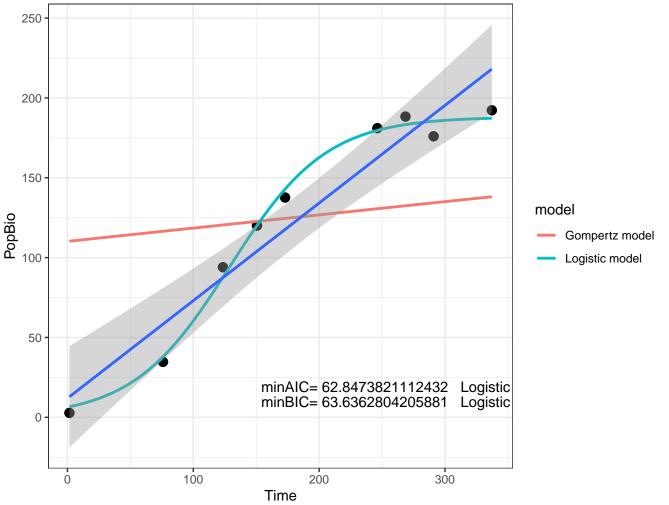
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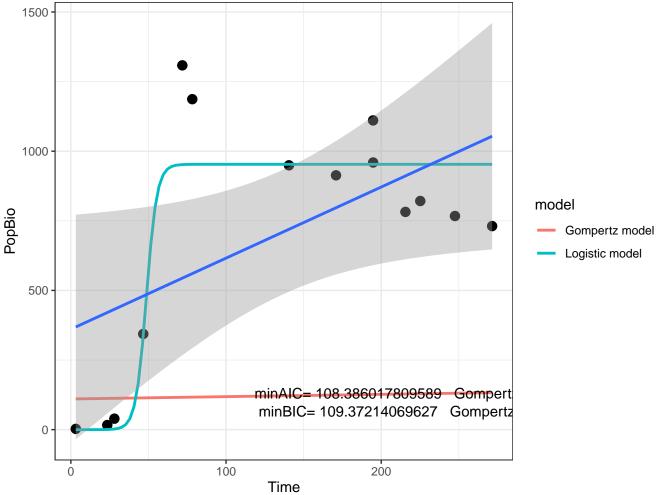
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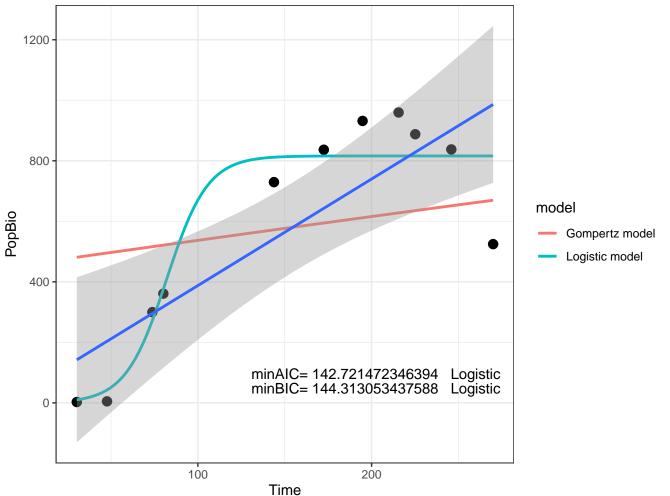
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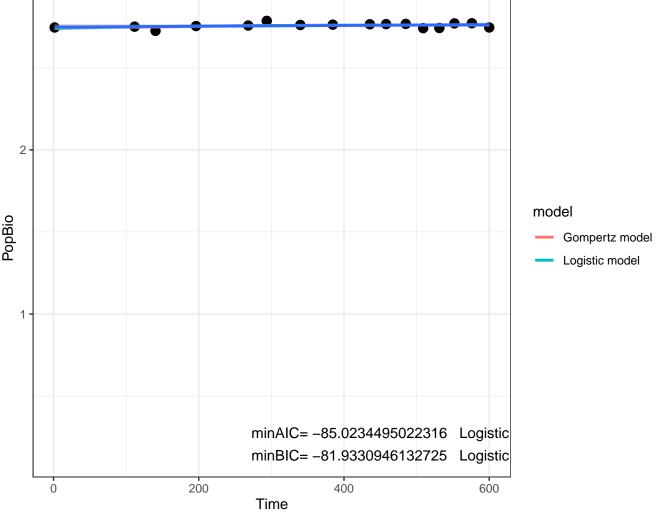
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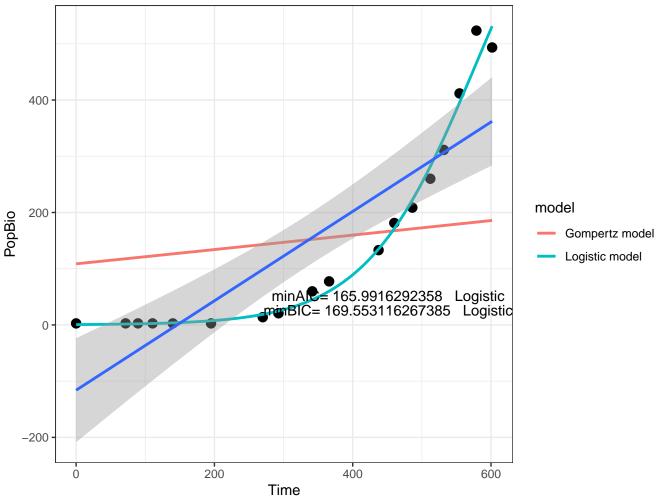
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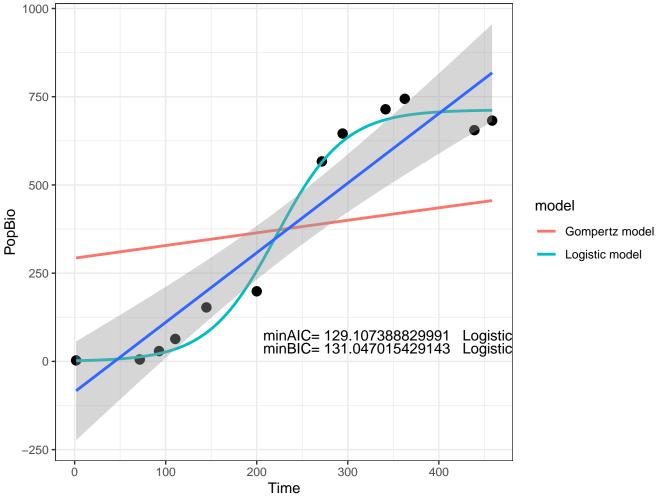
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Arthrobacter sp. 62_7_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continu



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90

120

60

Time

30

0

Arthrobacter sp. 62_30_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continu 750 model Gompertz model Logistic model 250 -

min/BIS=-476751240233513886332 Lloopetic

600

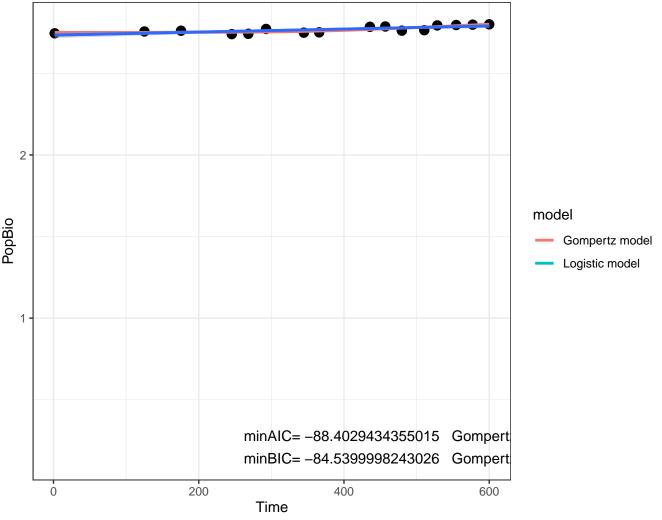
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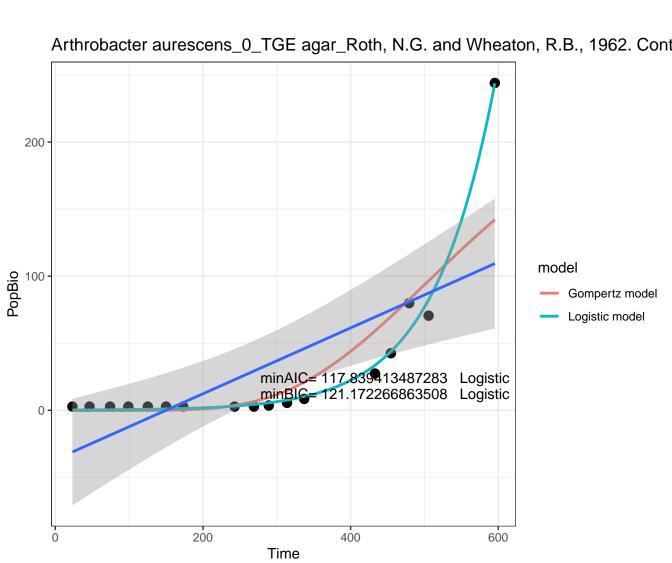
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Time

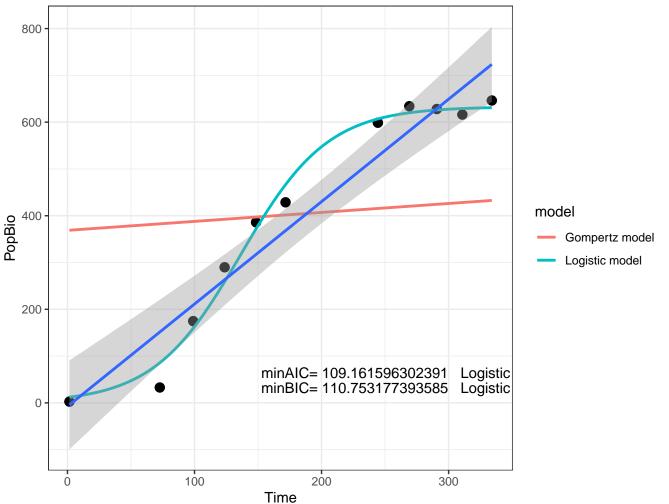
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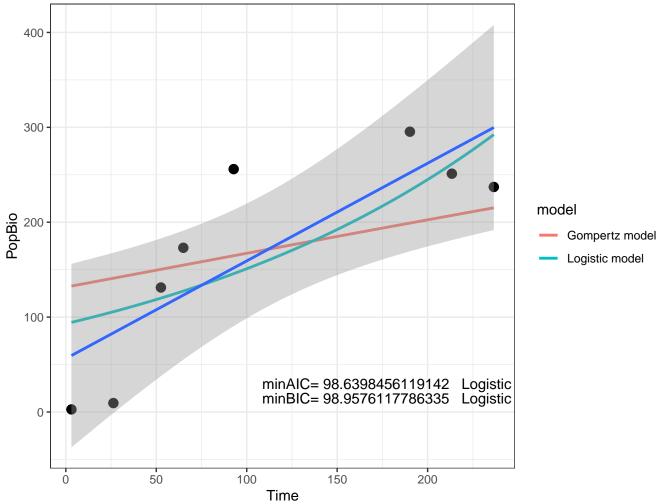




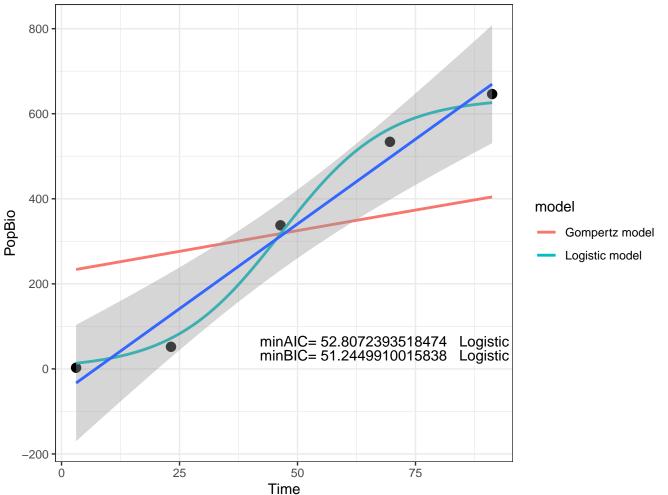
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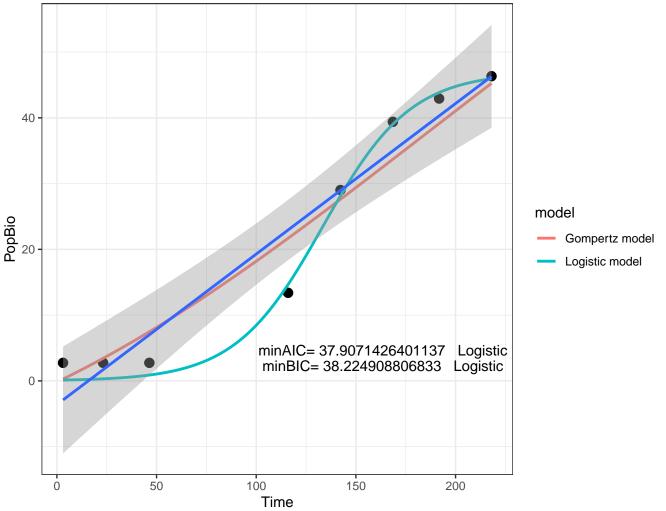
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Arthrobacter aurescens_37_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Con



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300

400

PopBio

-40

100

200

Time

Arthrobacter citreus_7_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continui 200 model 100 -Gompertz model Logistic model minAIC= 82.8426479343782 minBIC= 84.0529883063544 Logistic Logistic 0

200

Time

300

100

PopBio

0

Arthrobacter citreus_20_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continu 500 model Gompertz model Logistic model minAIC= 103.627261725987 minBIC= 103.945027892707 Logistic Logistic 0

150

200

100

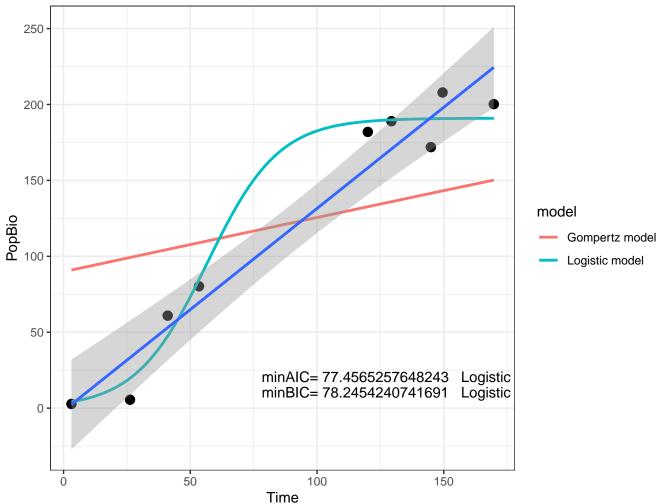
Time

PopBio

50

Ö

Arthrobacter citreus_30_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continu



Arthrobacter citreus_37_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continu 500 model Gompertz model Logistic model minAIC= 97.3652148168363 minBIC= 98.1541131261812 Logistic Logistic 0

150

200

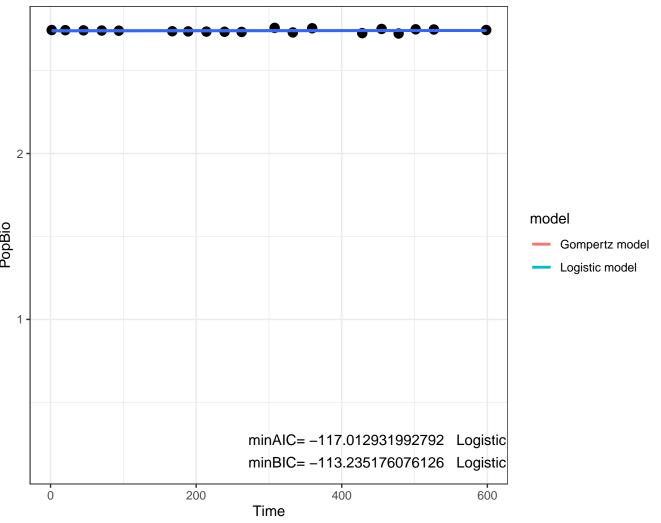
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0

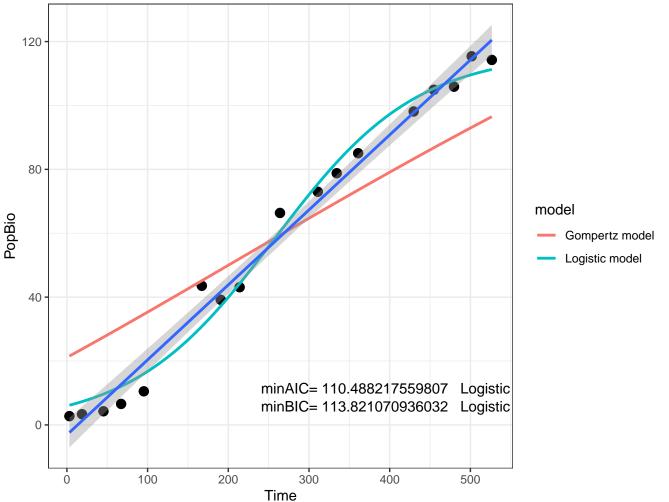
100

Time

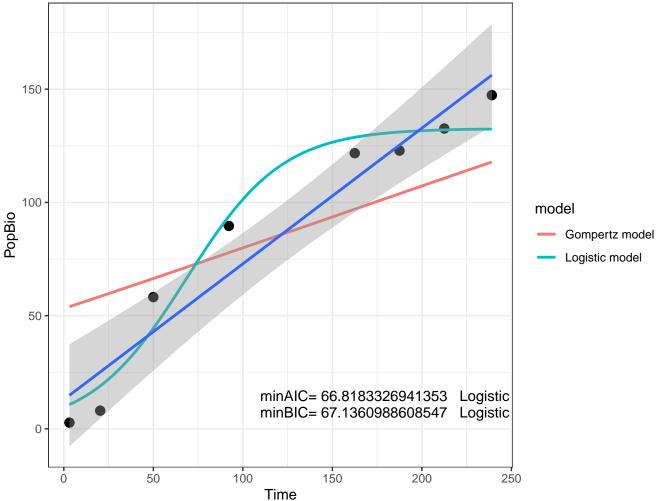
Arthrobacter globiformis_0_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continued agar.



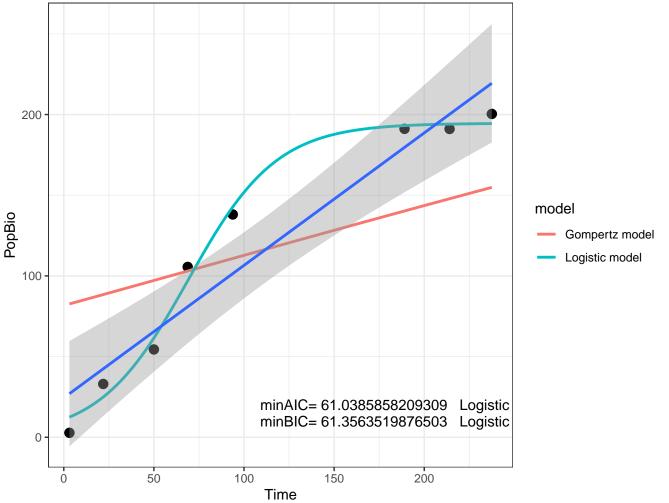
Arthrobacter globiformis_7_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Con



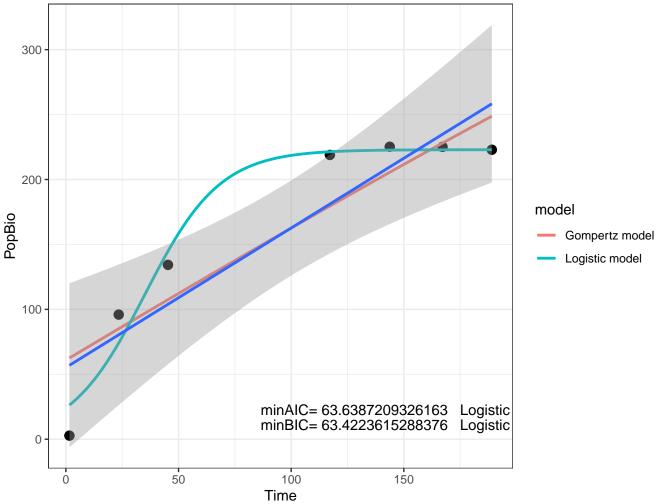
Arthrobacter globiformis_20_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Co



Arthrobacter globiformis_30_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Co



Arthrobacter globiformis_37_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Co



Arthrobacter simplex_0_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continu 400 model Gompertz model Logistic model 200 0

400

Time

600

200

PopBio

Arthrobacter simplex_7_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Continu 400 model 90 200 -Gompertz model Logistic model 0

100

Ö

200

300

Time

400

500

Arthrobacter simplex_20_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Contir 400 300 model PopBio Gompertz model Logistic model 100 minAIC= 73.6535545848562 Logistic minBIC= 73.4371951810774 Logistic 0

150

200

250

50

0

100

Time

Arthrobacter simplex_30_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Contir 400 300 model Gompertz model Logistic model 100 minAIC= 84.2777781344897 Logistic minBIC= 84.595544301209 Logistic

200

100

Time

0

Arthrobacter simplex_37_TGE agar_Roth, N.G. and Wheaton, R.B., 1962. Contir 600 400 model Gompertz model Logistic model 200 minAIC= 61.9888179319132 minBIC= 62.3860256403124 Gompertz Gompertz

150

200

PopBio

0

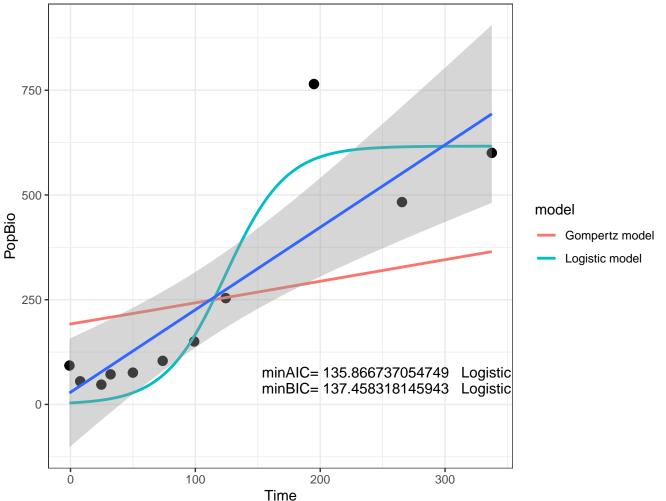
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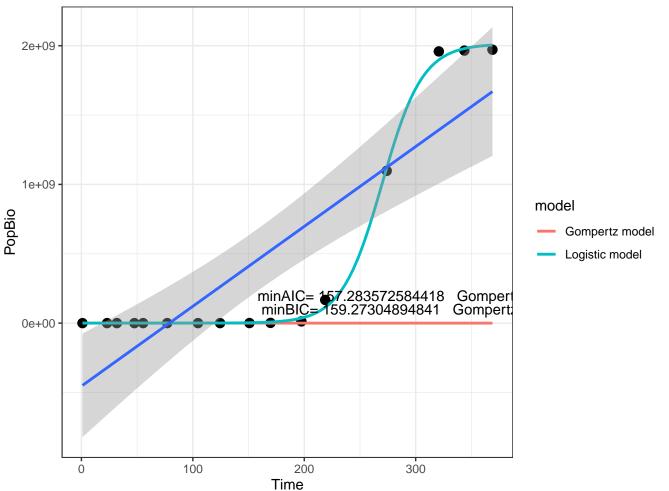
100

Time

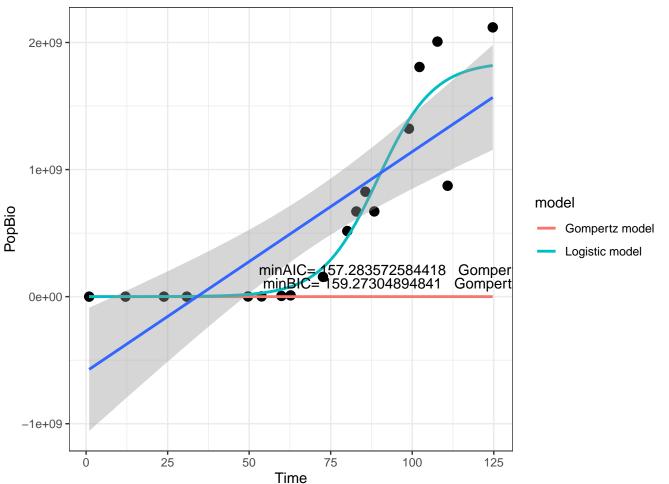




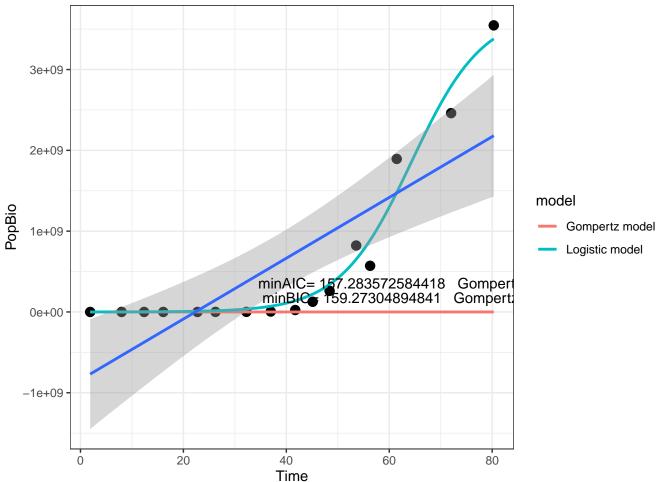
Lactobacillus plantarum_12_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanto



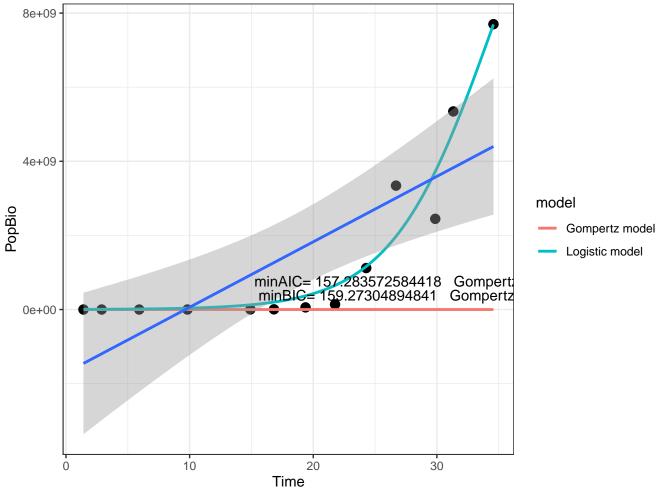
Lactobacillus plantarum_16_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcant



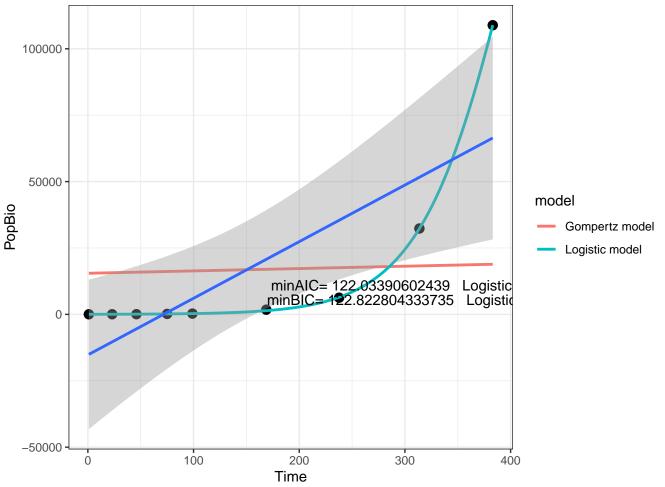
Lactobacillus plantarum_20_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcant



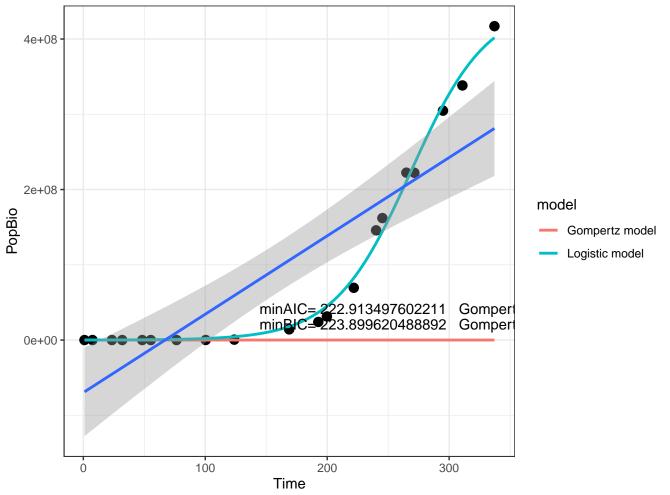
Lactobacillus plantarum_30_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanto



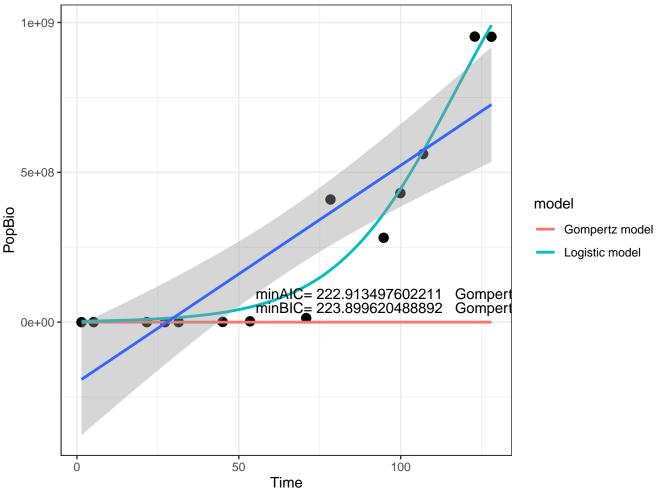
Weissella viridescens_4_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanton,



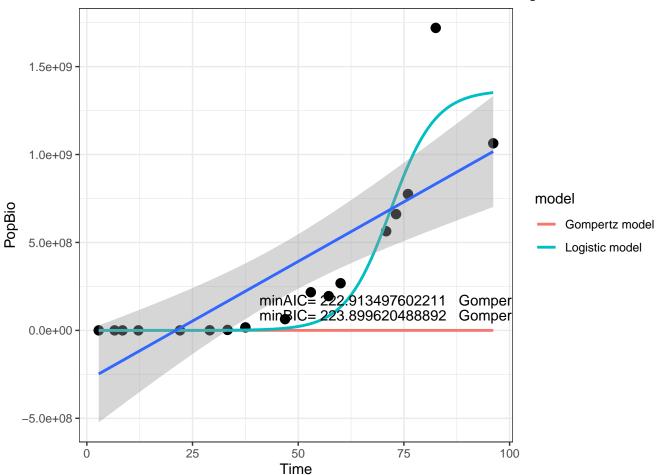
Weissella viridescens_8_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanton, I



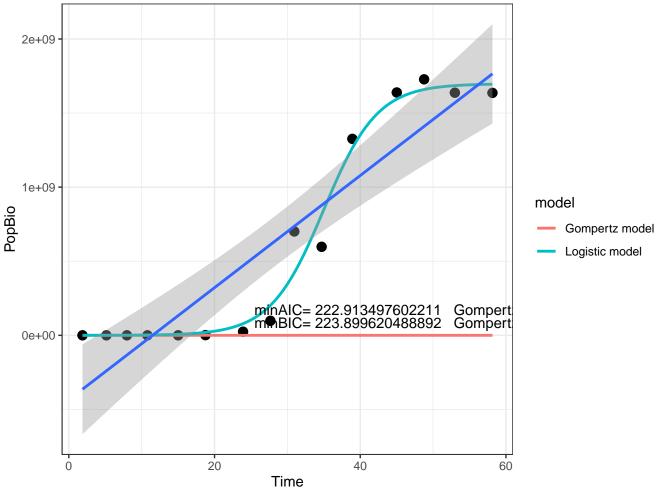
Weissella viridescens_12_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanton,

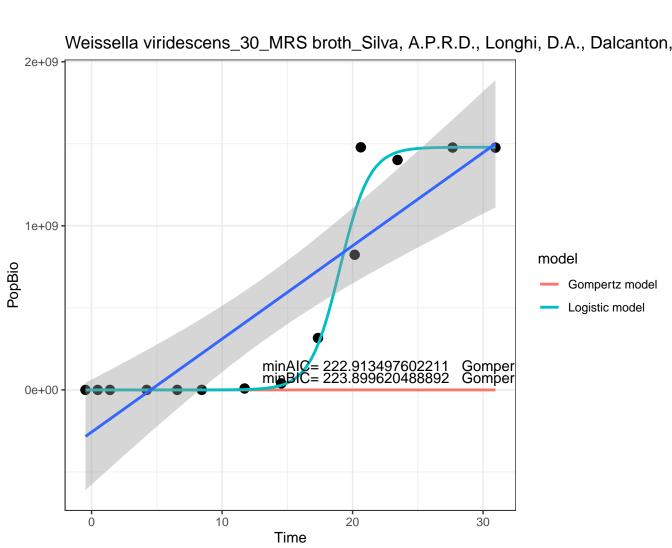


Weissella viridescens_16_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanto

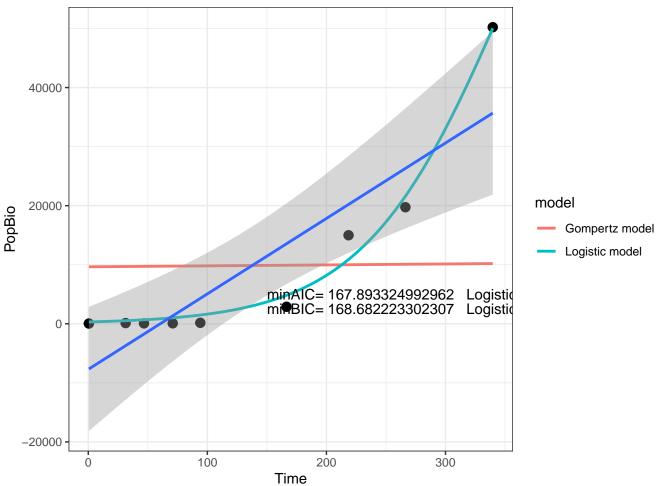


Weissella viridescens_20_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanton,

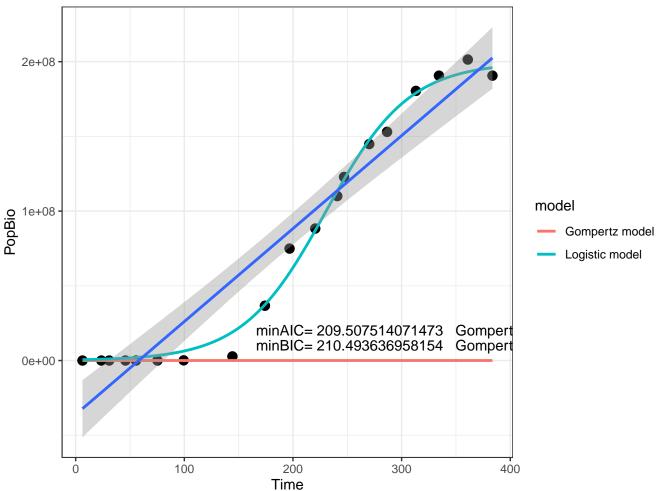




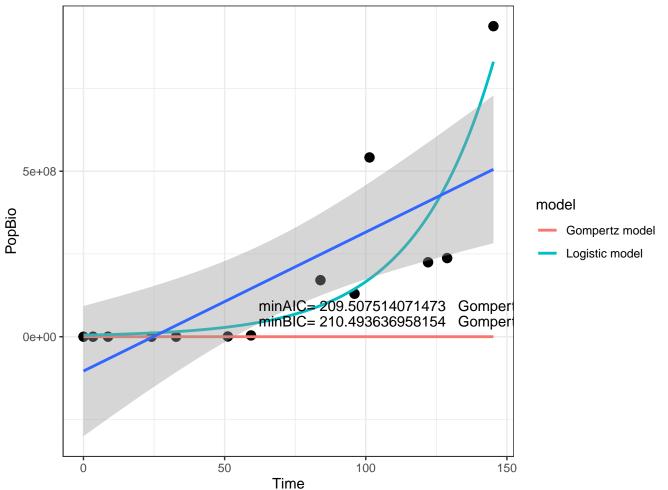
Lactobacillus sakei_4_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanton, F.



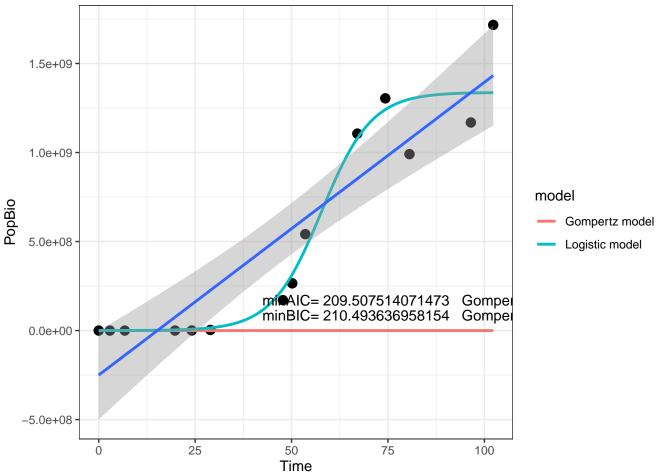
Lactobacillus sakei_8_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanton, F. a



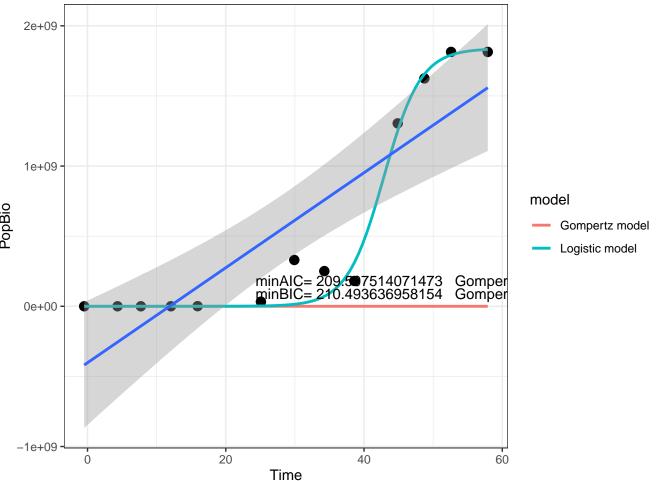
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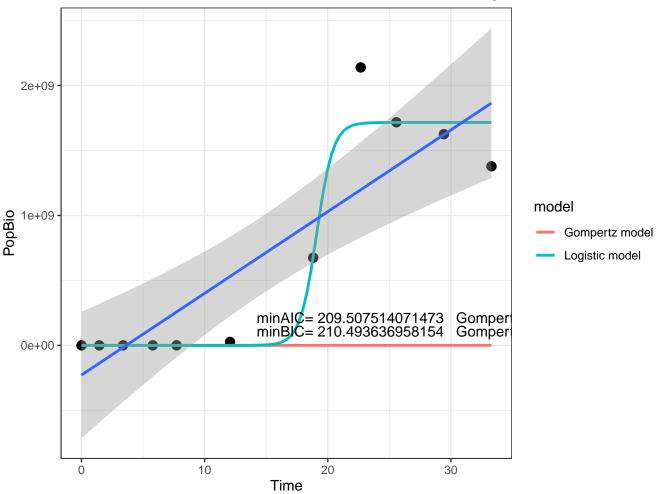




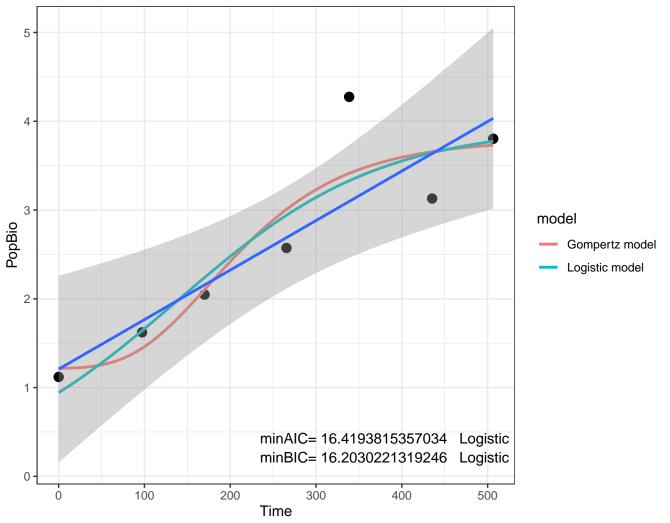
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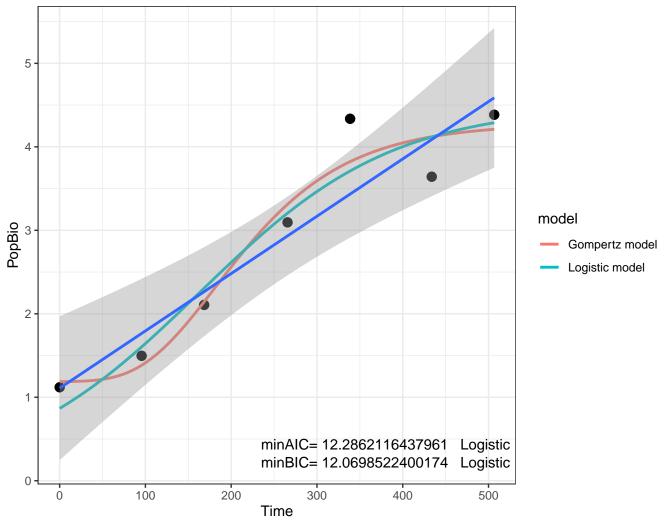
Lactobacillus sakei_30_MRS broth_Silva, A.P.R.D., Longhi, D.A., Dalcanton, F.



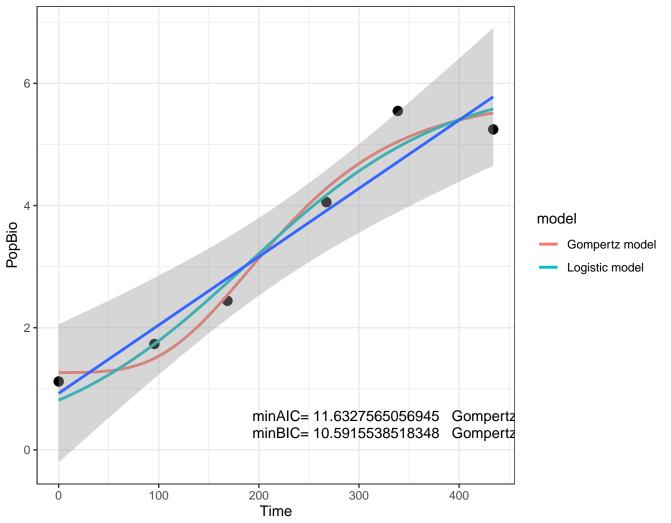
Oscillatoria agardhii Strain 97_15_Z8_Sivonen, K., 1990. Effects of light, temperatu



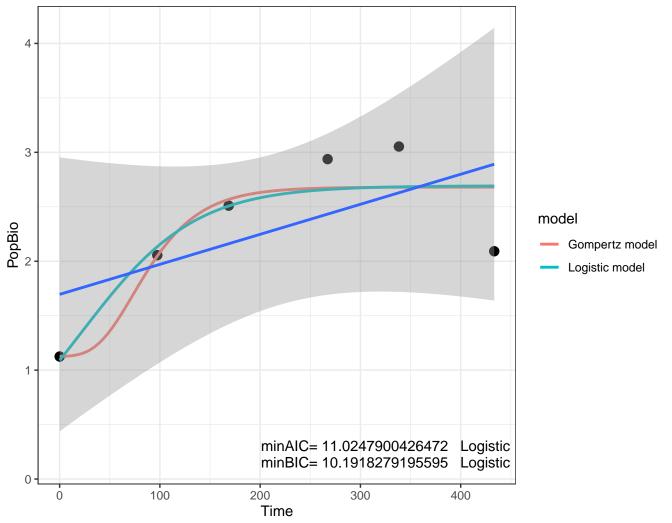
Oscillatoria agardhii Strain 97_20_Z8_Sivonen, K., 1990. Effects of light, temperatu



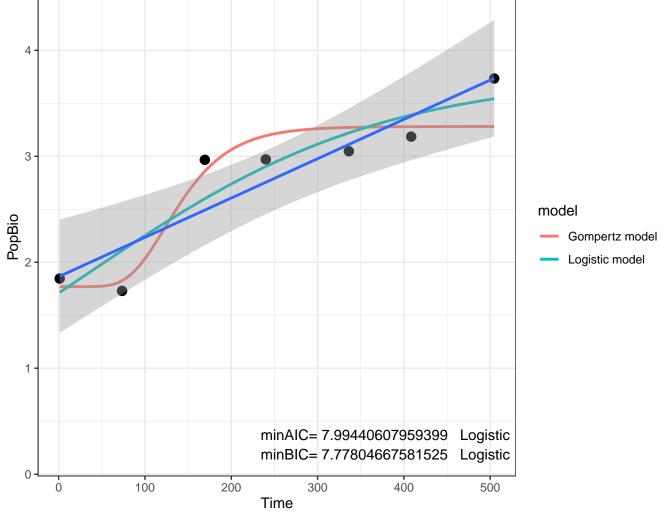
Oscillatoria agardhii Strain 97_25_Z8_Sivonen, K., 1990. Effects of light, temperatu



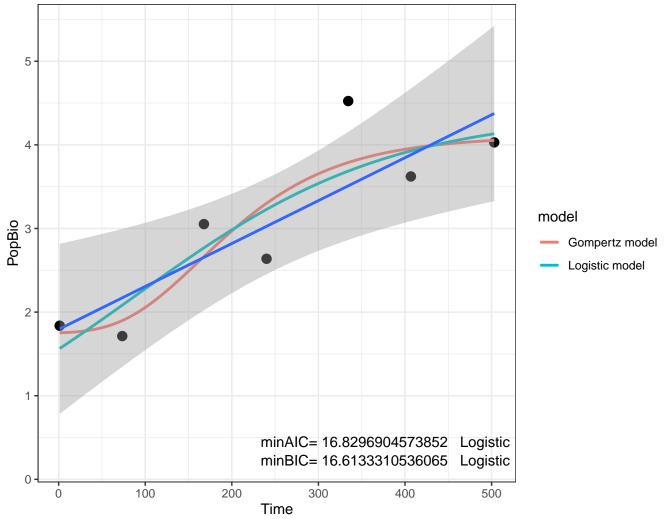
Oscillatoria agardhii Strain 97_30_Z8_Sivonen, K., 1990. Effects of light, temperatu



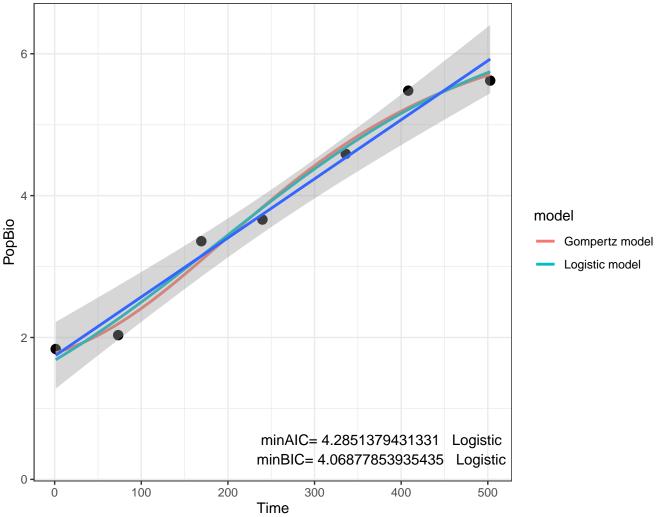
Oscillatoria agardhii StrainCYA 128_15_Z8_Sivonen, K., 1990. Effects of light, temporary



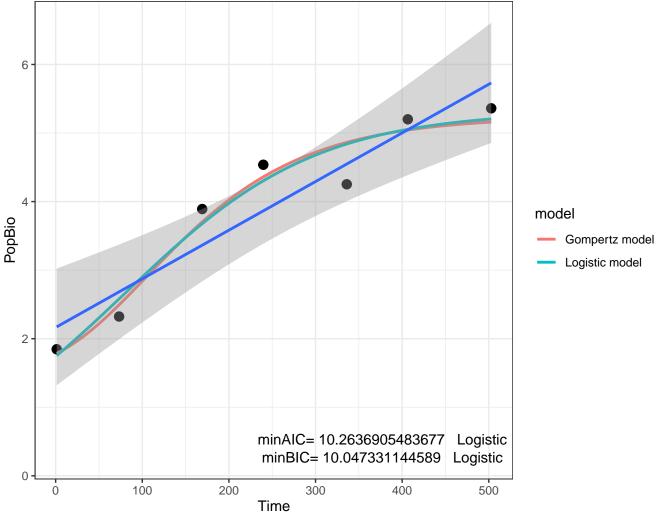
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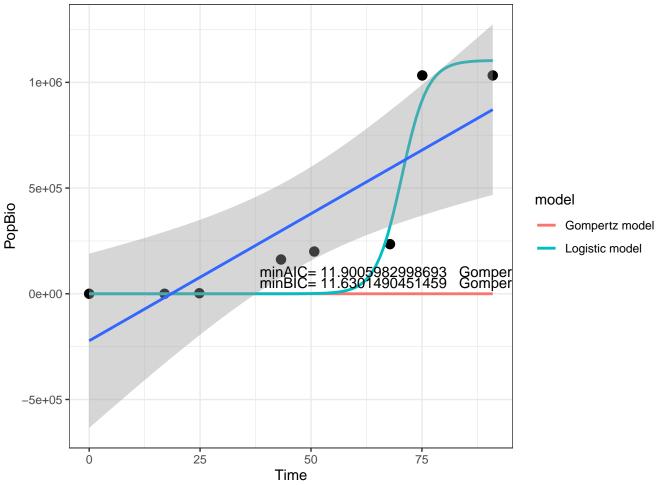
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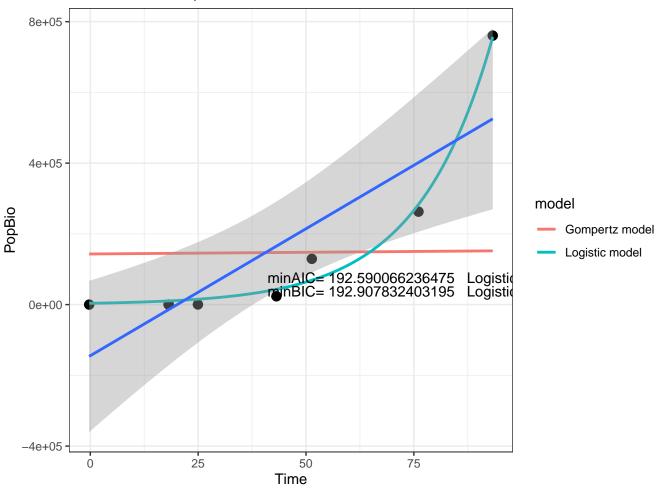
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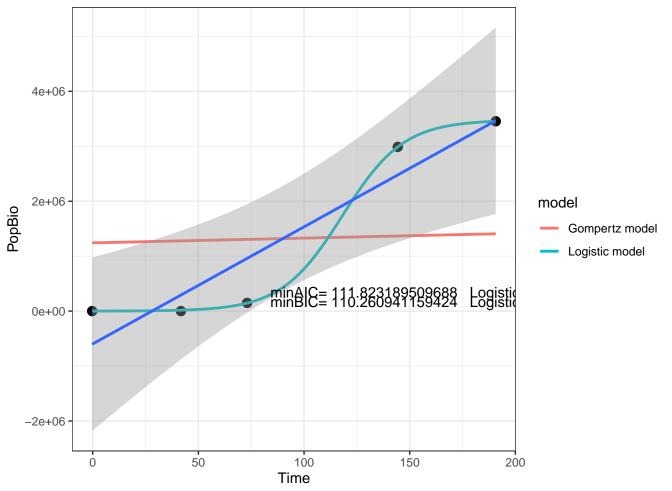
Pseudomonas sp._15_APT Broth_Stannard, C.J., Williams, A.P. and Gibbs, P.



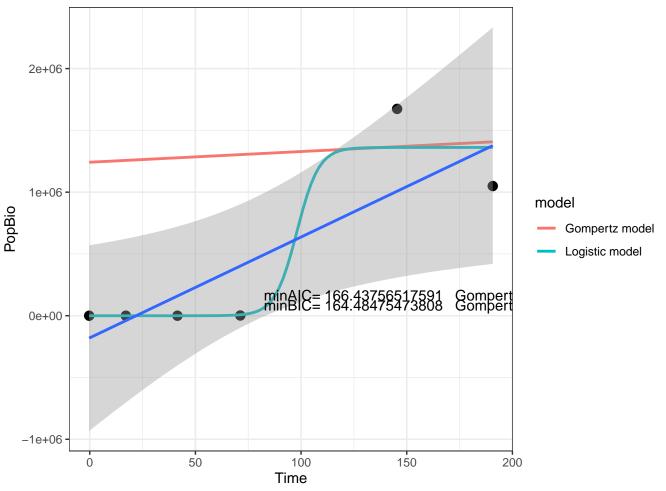
Pseudomonas sp._12_APT Broth_Stannard, C.J., Williams, A.P. and Gibbs, P.



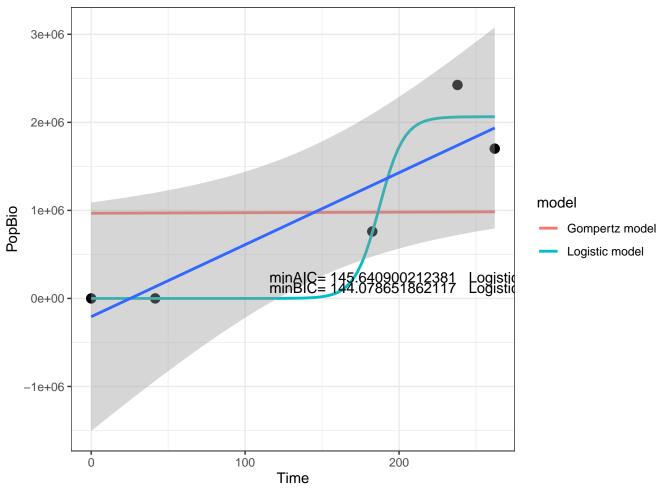
Pseudomonas sp._8_APT Broth_Stannard, C.J., Williams, A.P. and Gibbs, P.A.



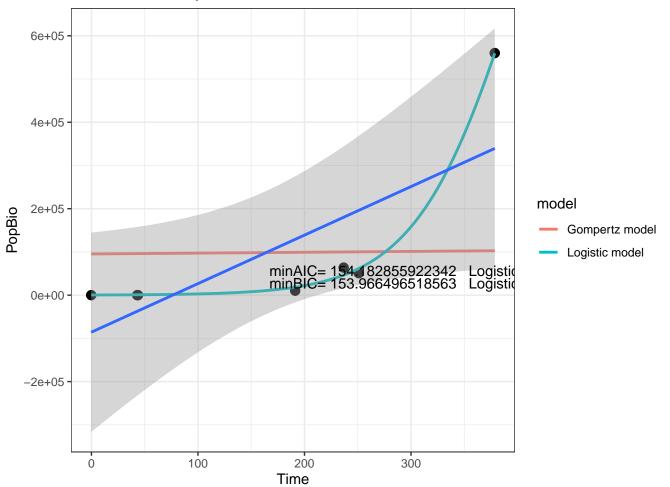
Pseudomonas sp._6_APT Broth_Stannard, C.J., Williams, A.P. and Gibbs, P.A.



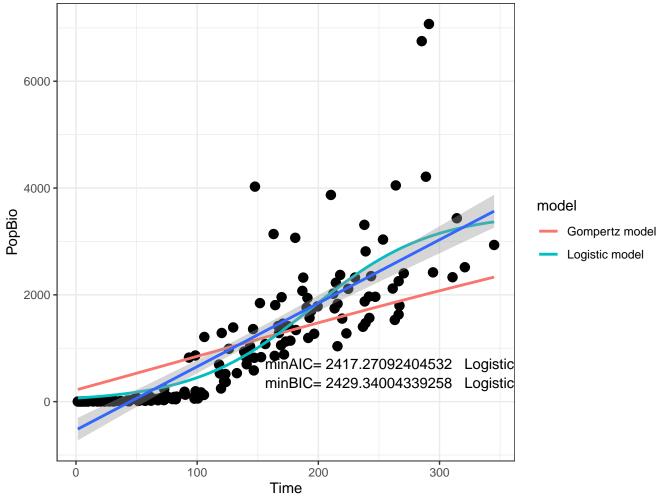
Pseudomonas sp._4_APT Broth_Stannard, C.J., Williams, A.P. and Gibbs, P.A.



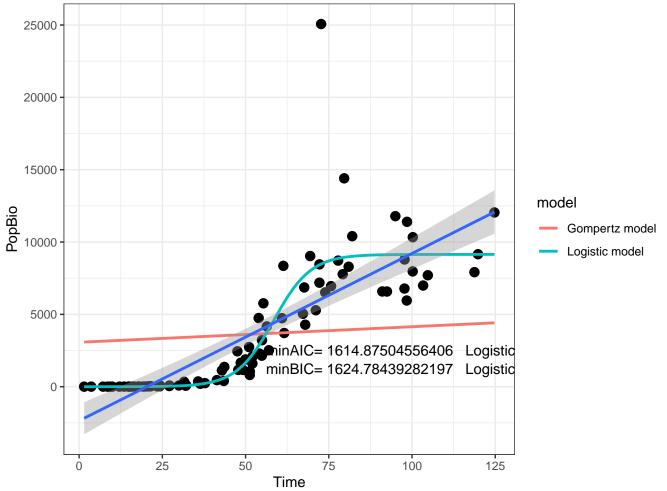
Pseudomonas sp._2_APT Broth_Stannard, C.J., Williams, A.P. and Gibbs, P.A.



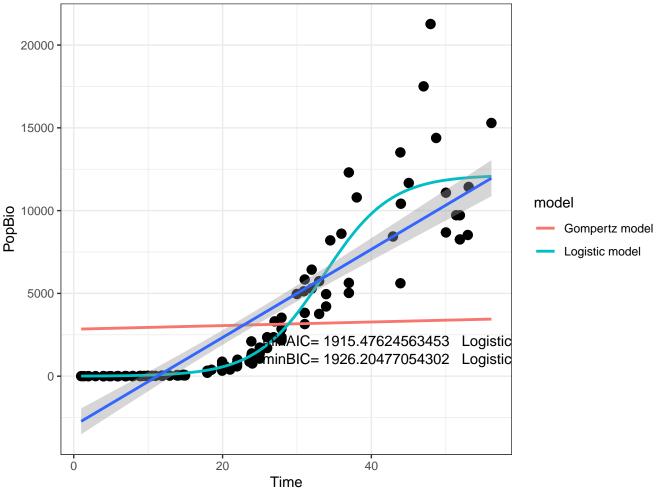








Lactobaciulus plantarum_20_MRS_Zwietering, M.H., De Wit, J.C., Cuppers, H.



Lactobaciulus plantarum_25_MRS_Zwietering, M.H., De Wit, J.C., Cuppers, H. 20000 model Gompertz model Logistic model 10000 minAIC= 1658.08626126617 Logistic minBIC= 1668.0408067451 Logistic

PopBio

10

20

30

Time

40

50