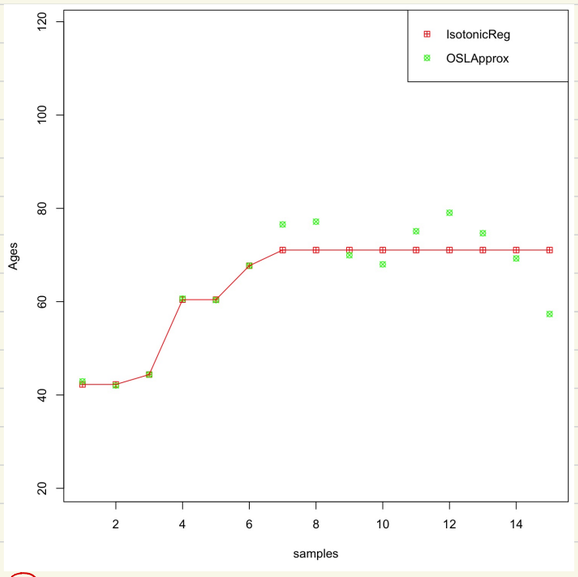
Elaine Datasets -- ALLQzGrains

V1 V2 V3 V4 V5 V6 V7 V8 V9 V10 V11 V12 V13 V14 V15

chaînes peu mélangeantes pour la séquence quasi-égales.
Persistance de fortes corrélation
Resultat de la régression isotonique



Pour les données de Elaine, on s'interesse à la difference d'âge (échantillonage à très haute resolu°)

On veut repondre à la question :
Quelle est la durée entre 2 échantillons

Possède des données sur la sedimentation

```
> GibbsOutput$Summary[, c(3,9)]
          Bayes estimate Bayes sd
A_CPJB_L7          45.293    3.684
A_CPJB_L8          46.937    3.328
A_CPJB_L9          49.661    3.216
A_CPJB_L10         56.515    2.790
A_CPJB_L11         59.398    2.588
A_CPJB_L12         61.995    3.184
A_CPJB_L13         63.901    3.722
A_CPJB_L14         65.576    4.111
A_CPJB_L15         67.183    4.542
A_CPJB_L16         68.849    5.104
A_CPJB_L17         70.711    5.856
A_CPJB_L18         72.609    6.883
A_CPJB_L19         74.036    6.968
A_CPJB_L20         75.486    7.111
A_CPJB_L21         77.100    7.422
> AgeAsBayLum$Summary[, c(3,8)]
          Bayes estimate Bayes sd
A_CPJB_L7          37.361    4.360
A_CPJB_L8          42.197    3.636
A_CPJB_L9          47.125    3.947
A_CPJB_L10         56.396    3.569
A_CPJB_L11         59.976    3.281
A_CPJB_L12         63.300    3.486
A_CPJB_L13         65.777    3.847
A_CPJB_L14         67.995    4.069
A_CPJB_L15         70.118    4.231
A_CPJB_L16         72.340    4.353
A_CPJB_L17         74.690    4.473
A_CPJB_L18         77.091    4.573
A_CPJB_L19         79.379    4.823
A_CPJB_L20         81.816    5.149
A_CPJB_L21         85.205    5.828
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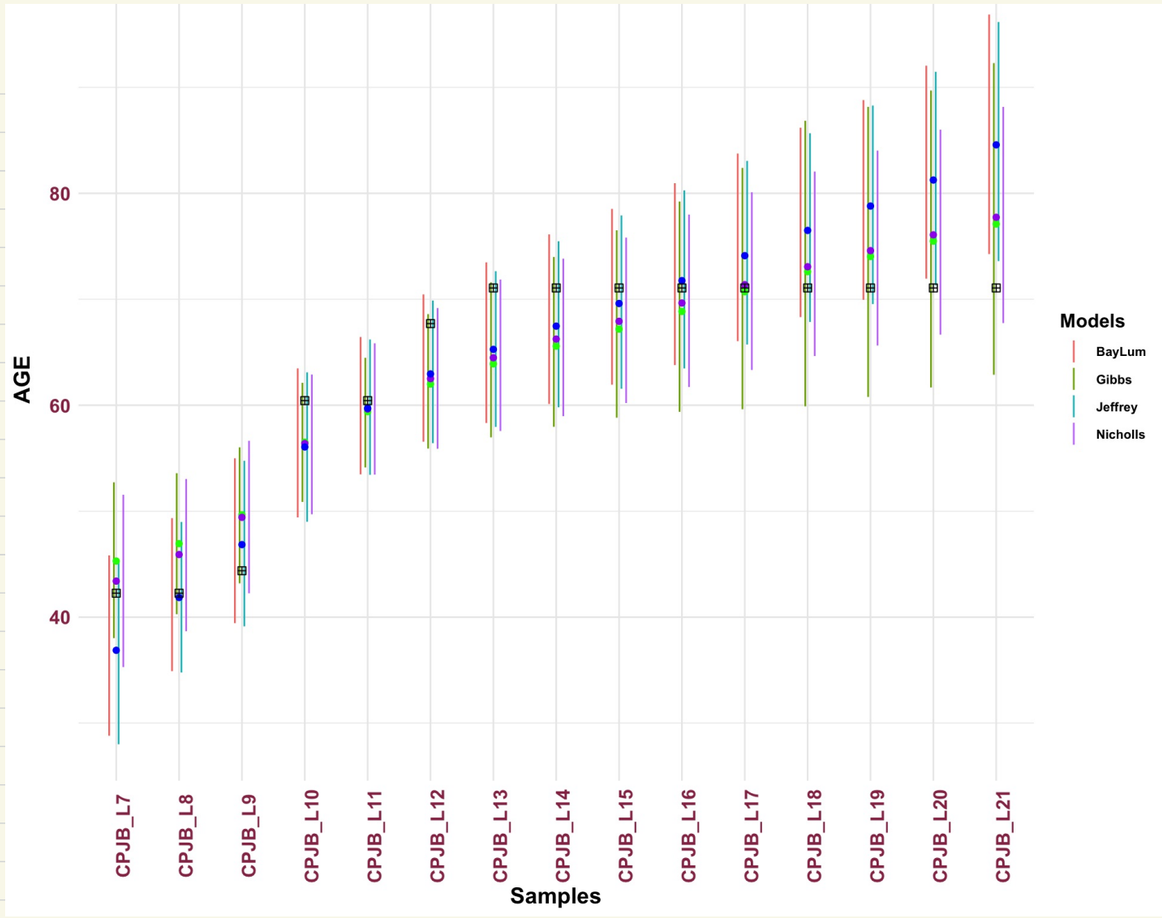


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> AgeCorrected$Summary[, c(3,8)]
          Bayes estimate Bayes sd
A_CPJB_L7          36.871    4.315
A_CPJB_L8          41.854    3.631
A_CPJB_L9          46.845    3.957
A_CPJB_L10         56.061    3.562
A_CPJB_L11         59.719    3.201
A_CPJB_L12         62.955    3.386
A_CPJB_L13         65.271    3.715
A_CPJB_L14         67.466    3.966
A_CPJB_L15         69.603    4.127
A_CPJB_L16         71.761    4.249
A_CPJB_L17         74.114    4.387
A_CPJB_L18         76.498    4.493
A_CPJB_L19         78.798    4.766
A_CPJB_L20         81.255    5.063
A_CPJB_L21         84.575    5.715
> 
```
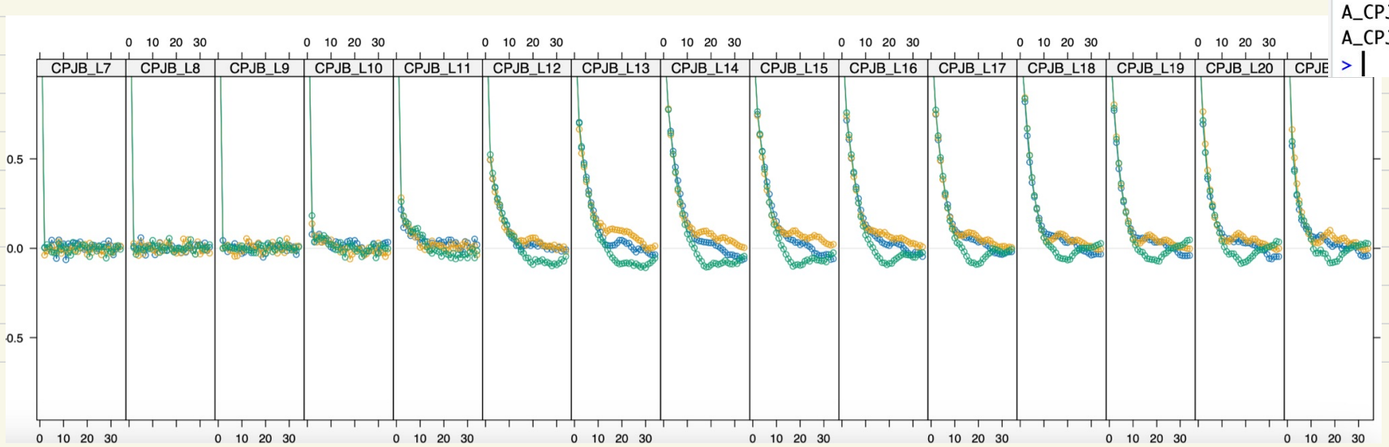
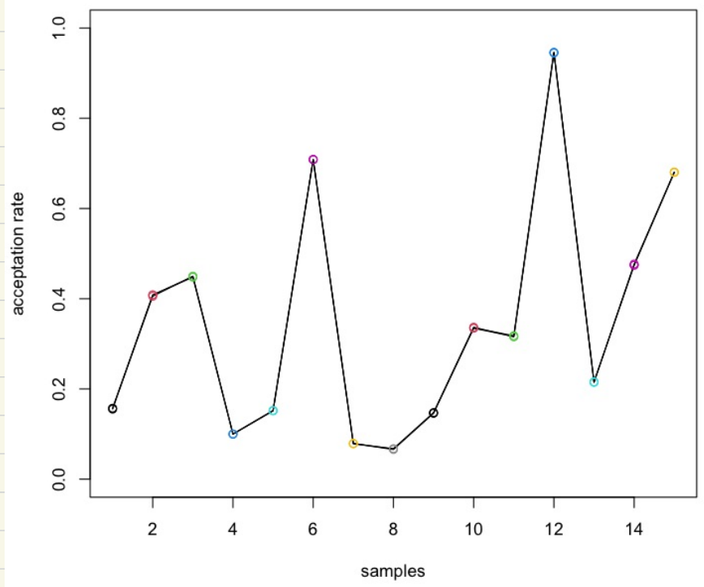
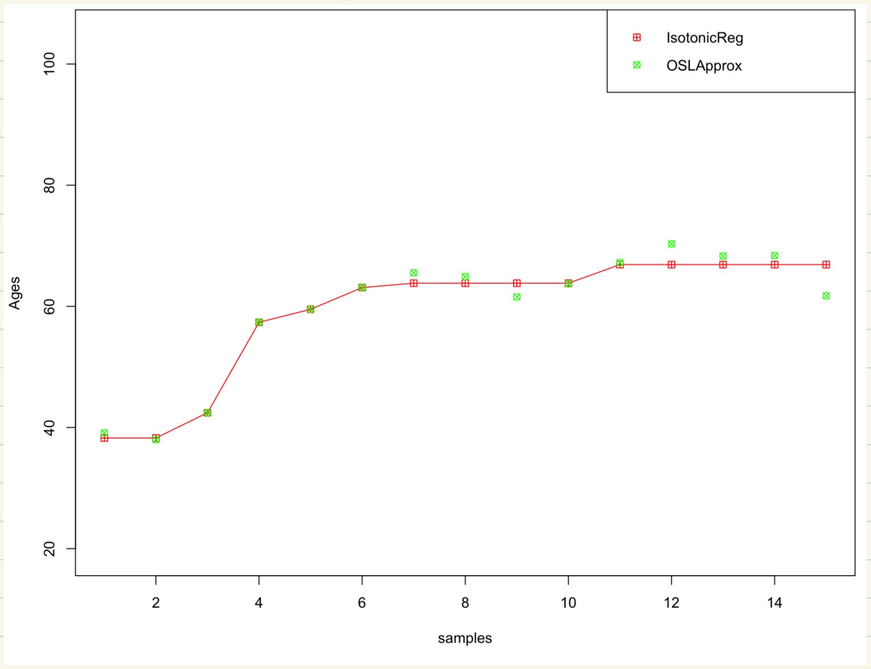
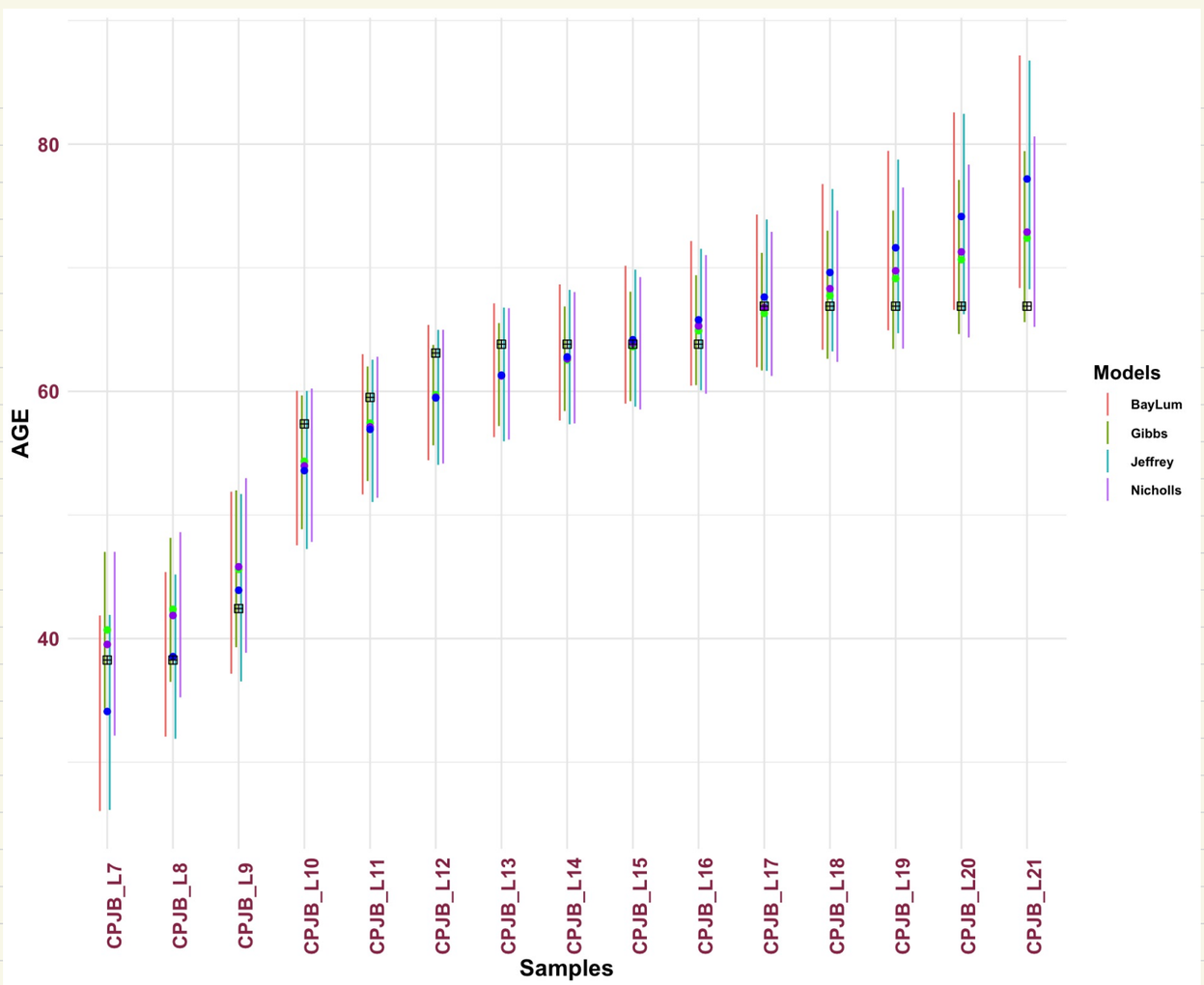
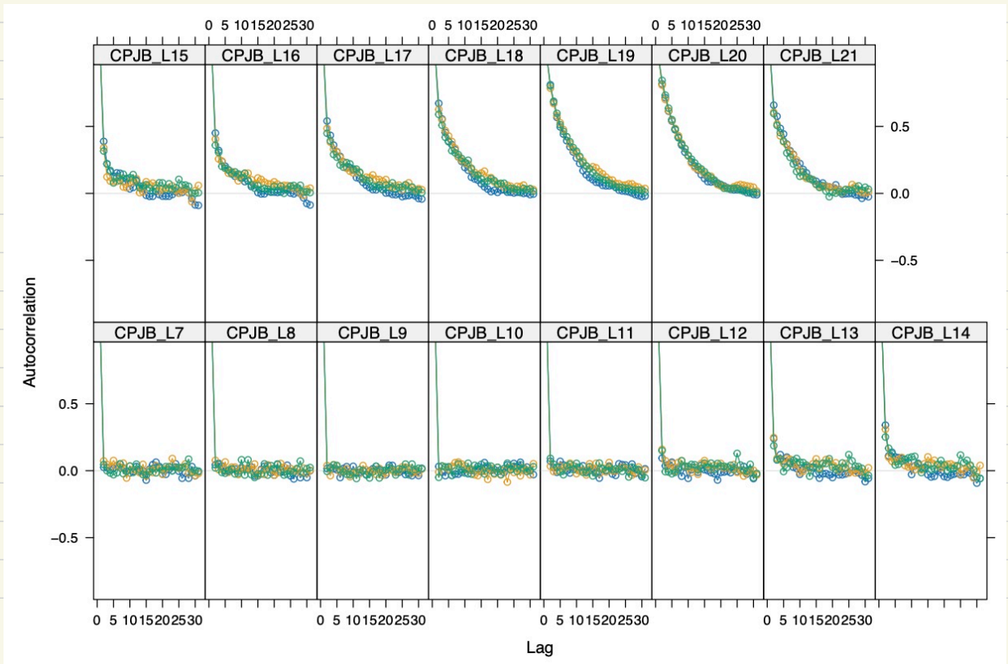





DO_Filtered_BayLum_Doses (Elaine)








```
> GibbsOutput$Summary[, c(3,9)]
           Bayes estimate Bayes sd
A_CPJB_L7          40.700    3.196
A_CPJB_L8          42.373    2.951
A_CPJB_L9          45.601    3.195
A_CPJB_L10         54.344    2.694
A_CPJB_L11         57.431    2.319
A_CPJB_L12         59.731    2.054
A_CPJB_L13         61.283    2.072
A_CPJB_L14         62.535    2.127
A_CPJB_L15         63.622    2.204
A_CPJB_L16         64.909    2.240
A_CPJB_L17         66.311    2.377
A_CPJB_L18         67.732    2.614
A_CPJB_L19         69.128    2.806
A_CPJB_L20         70.654    3.088
A_CPJB_L21         72.397    3.485
>
```

```
> AgeCorrected$Summary[, c(3,8)]
           Bayes estimate Bayes sd
A_CPJB_L7          34.101    3.974
A_CPJB_L8          38.543    3.342
A_CPJB_L9          43.911    3.820
A_CPJB_L10         53.587    3.244
A_CPJB_L11         56.927    2.901
A_CPJB_L12         59.470    2.748
A_CPJB_L13         61.311    2.711
A_CPJB_L14         62.786    2.750
A_CPJB_L15         64.176    2.794
A_CPJB_L16         65.788    2.921
A_CPJB_L17         67.627    3.106
A_CPJB_L18         69.617    3.334
A_CPJB_L19         71.617    3.595
A_CPJB_L20         74.145    4.079
A_CPJB_L21         77.184    4.692
>
```