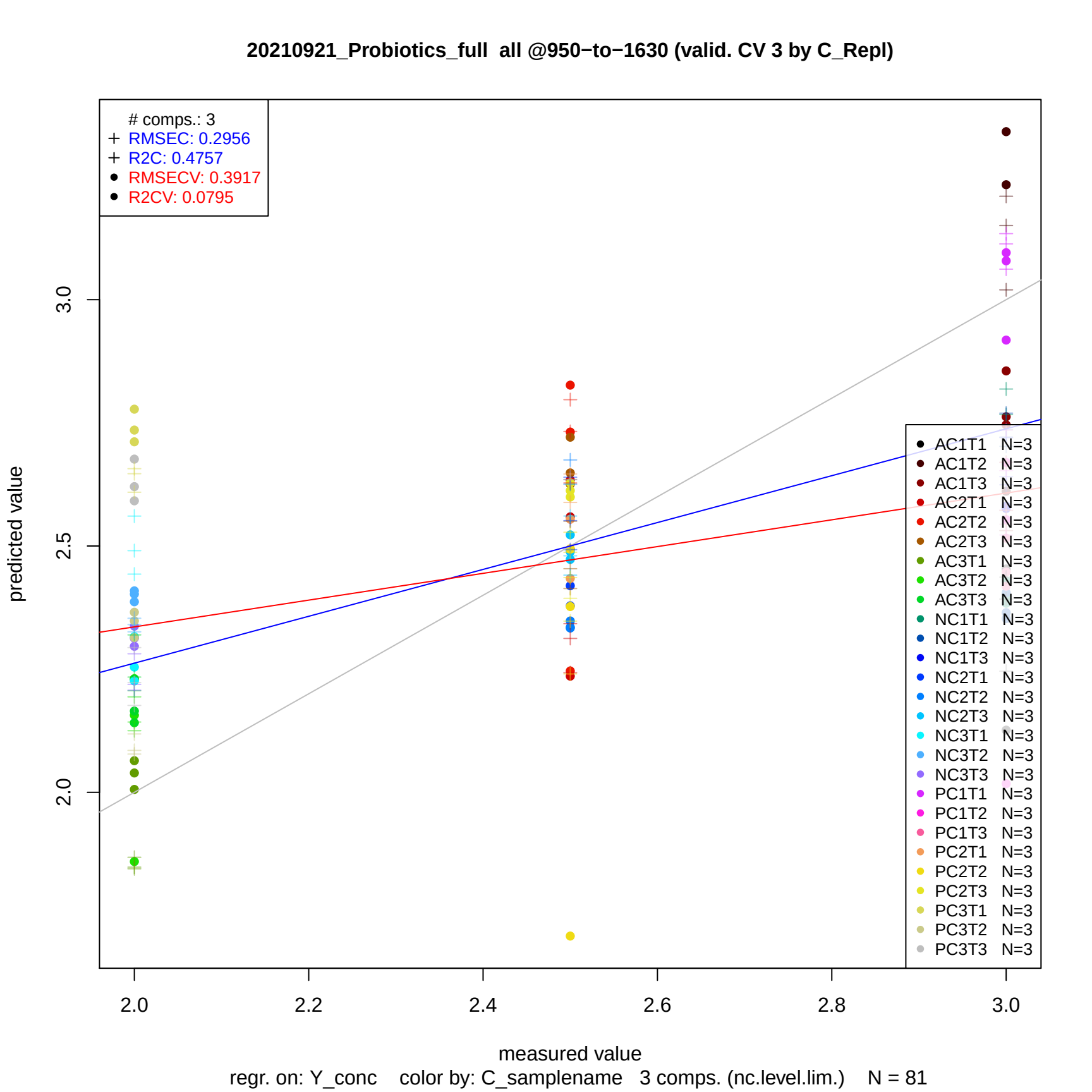
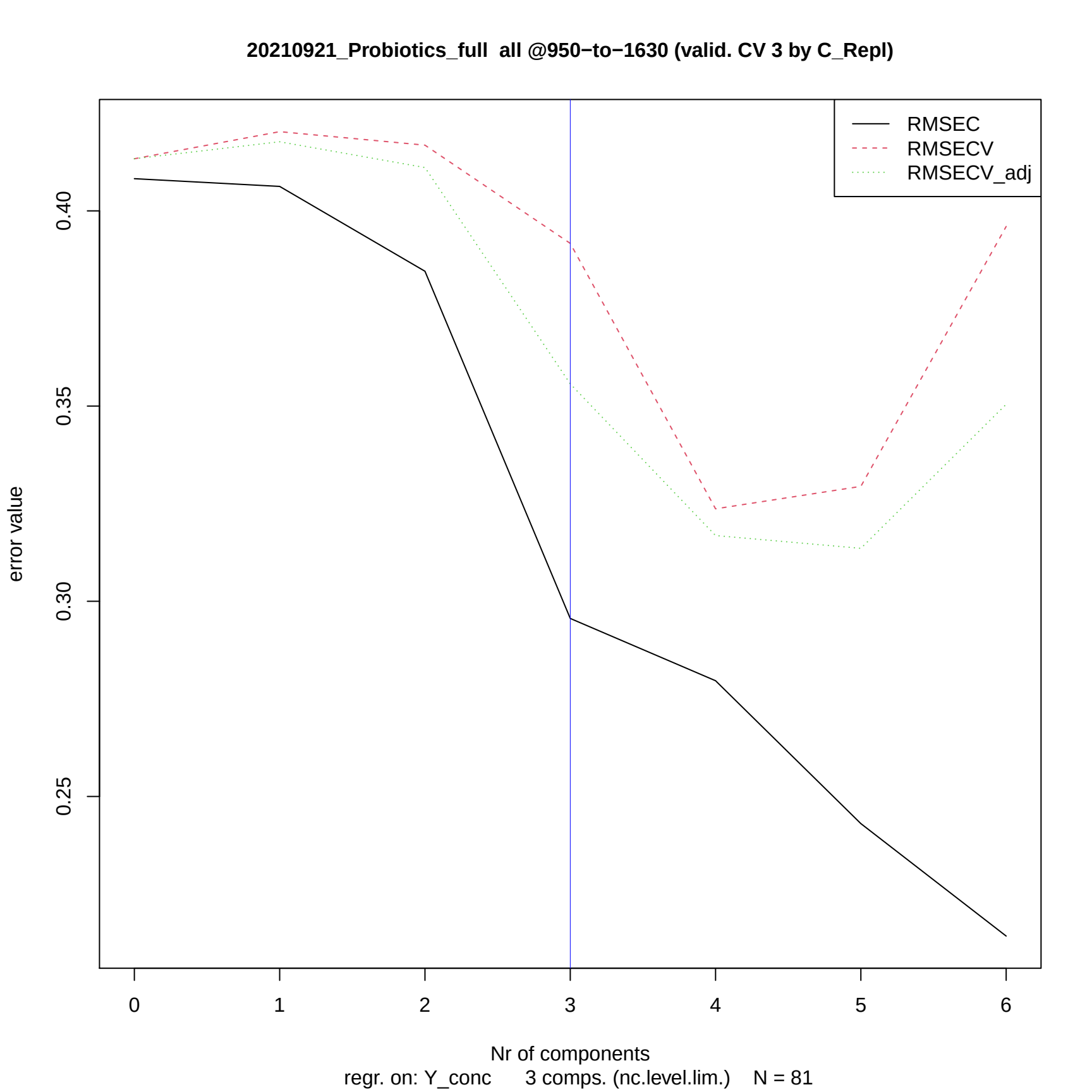
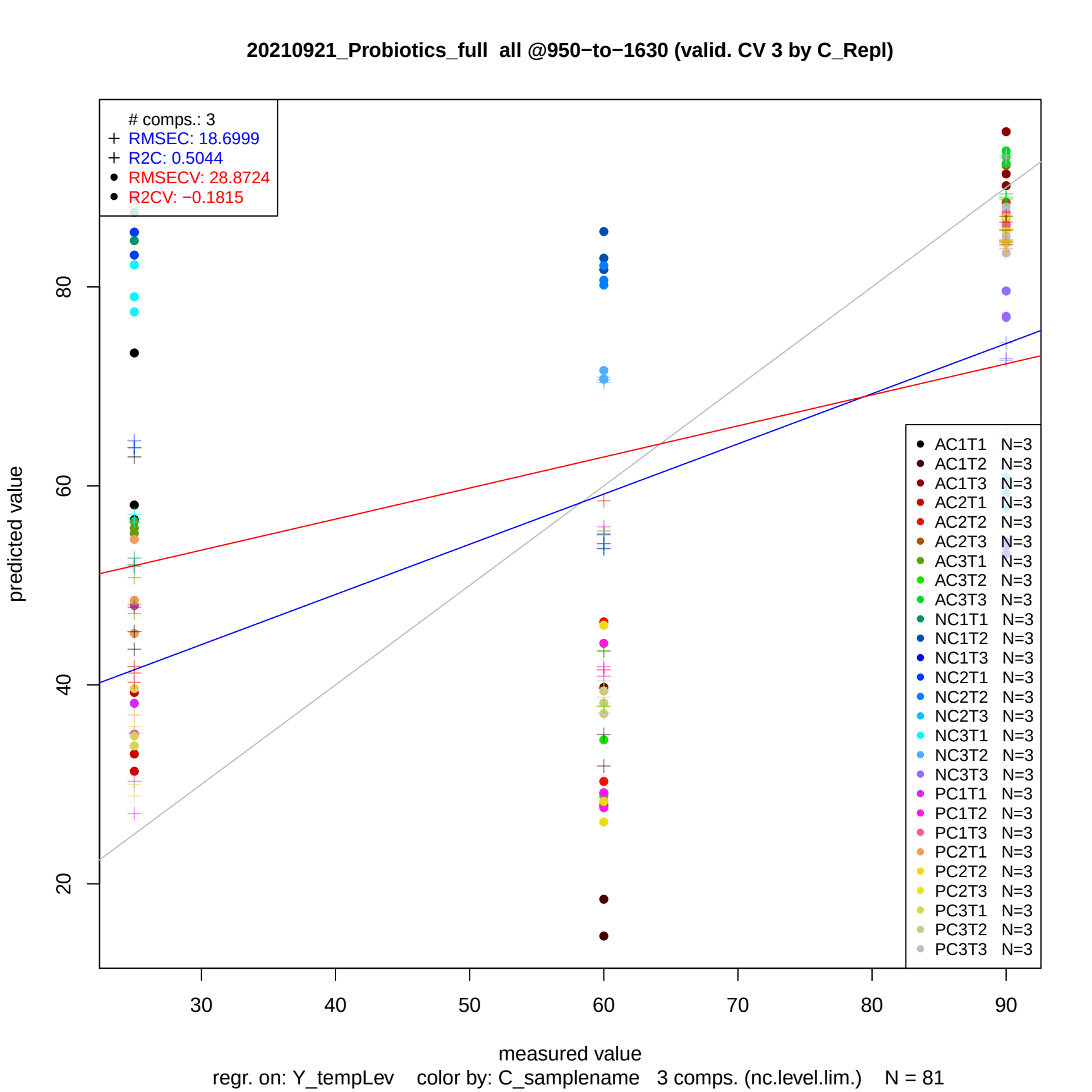
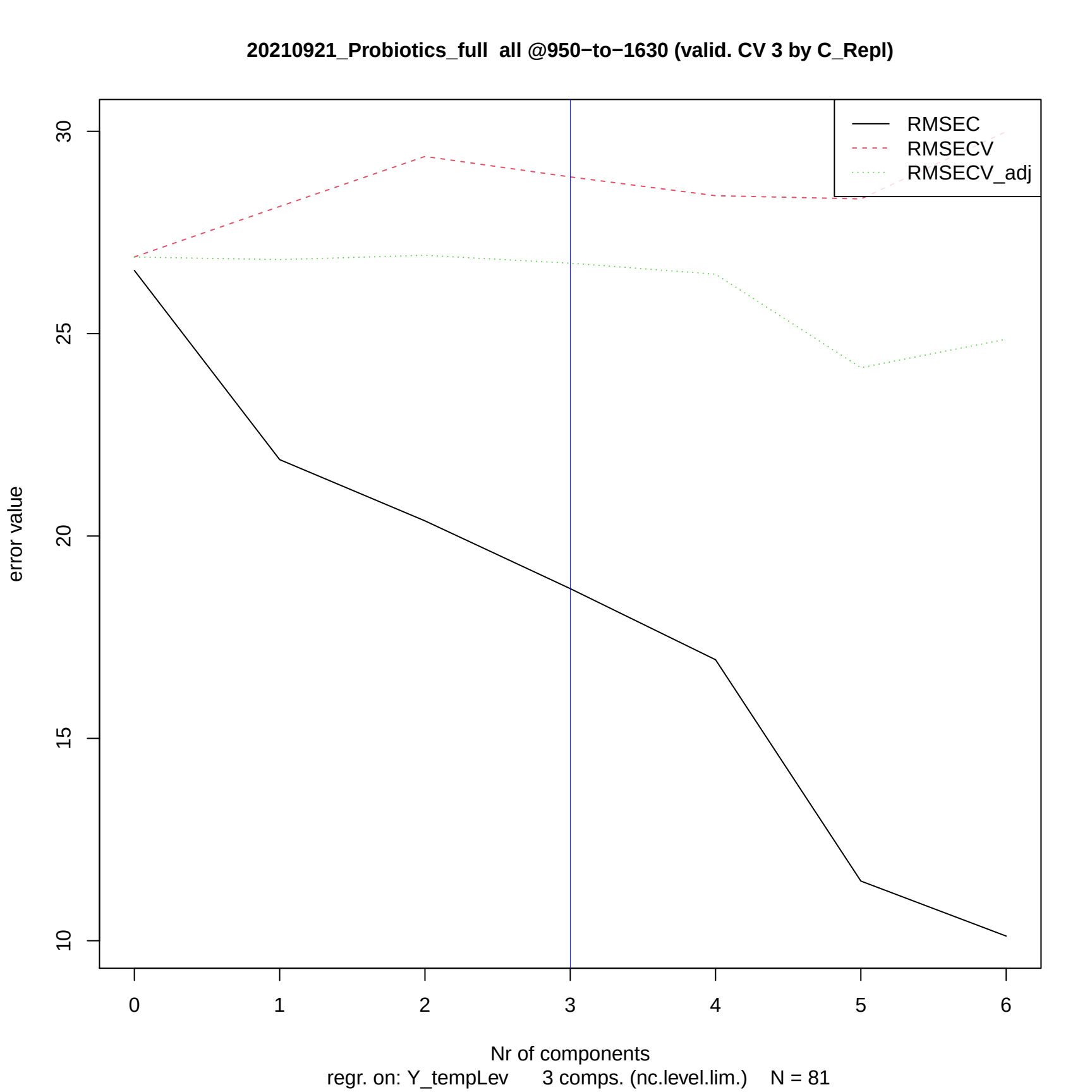
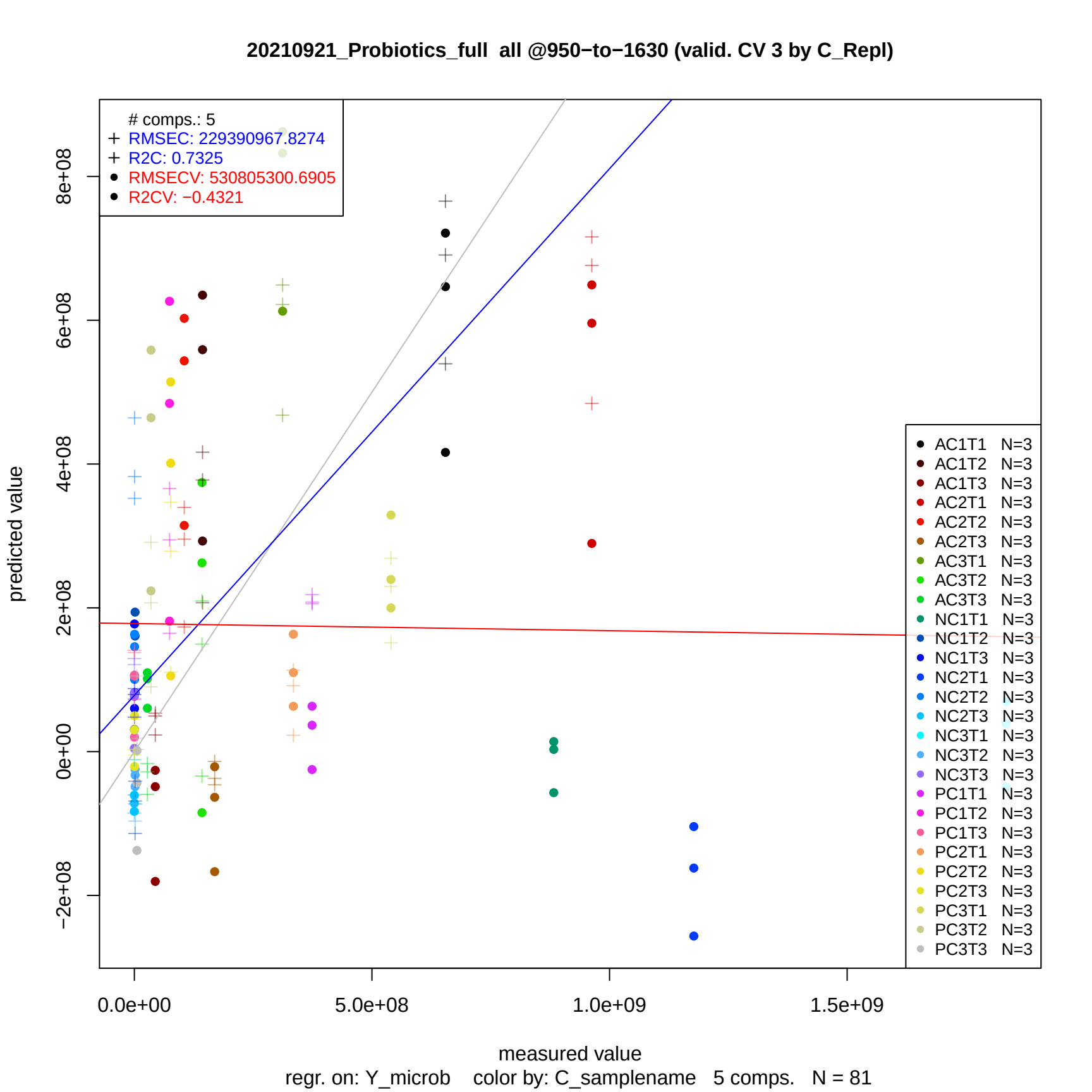
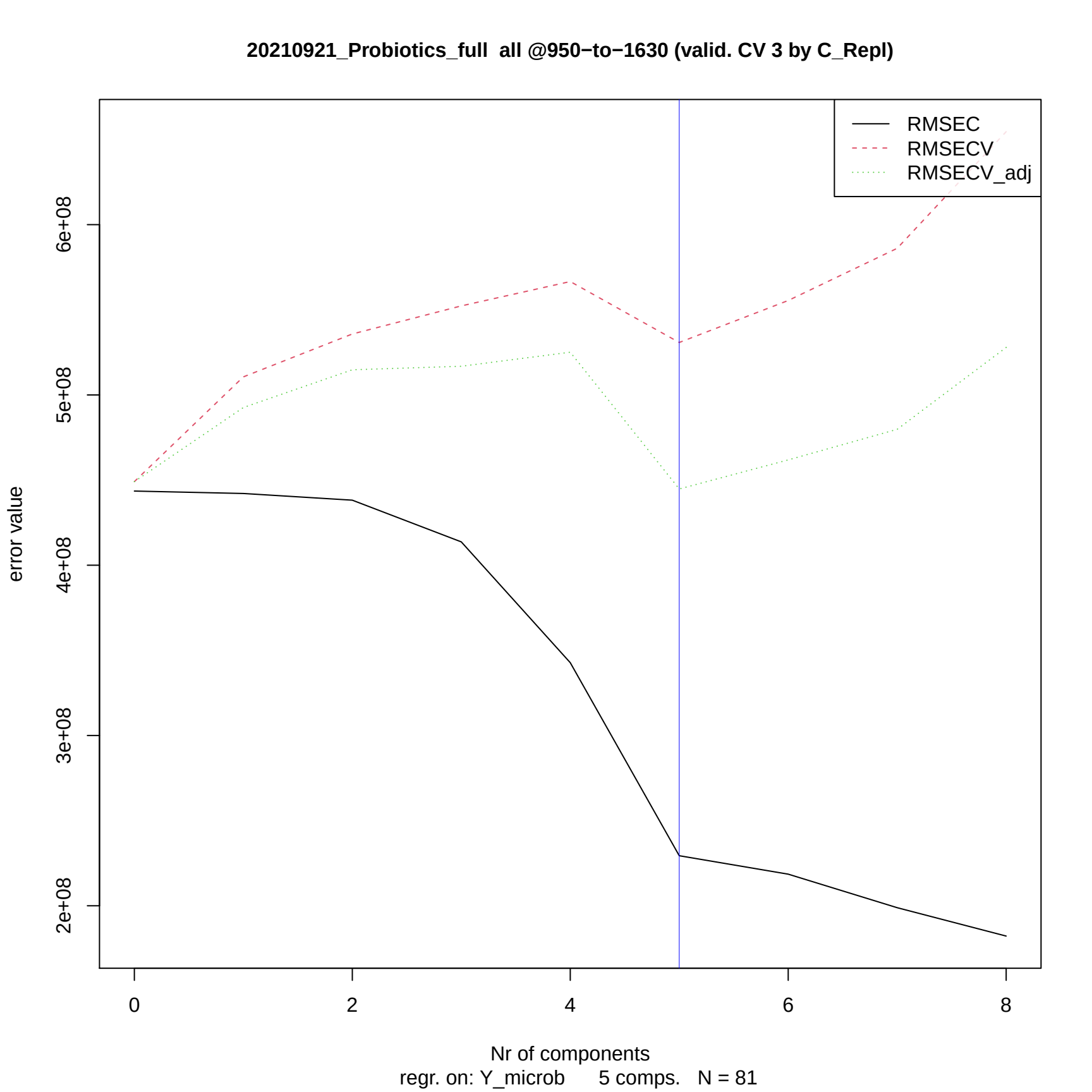

20210921_Probiotics_full all @950−to−1630 (valid. CV 3 by C_Repl)
comps.: 3
RMSEC: 0.2956
R2C: 0.4757
RMSECV: 0.3917
R2CV: 0.0795
AC1T1 N=3
AC1T2 N=3
AC1T3 N=3
AC2T1 N=3
AC2T2 N=3
AC2T3 N=3
AC3T1 N=3
AC3T2 N=3
AC3T3 N=3
NC1T1 N=3
NC1T2 N=3
NC1T3 N=3
NC2T1 N=3
NC2T2 N=3
NC2T3 N=3
NC3T1 N=3
NC3T2 N=3
NC3T3 N=3
PC1T1 N=3
PC1T2 N=3
PC1T3 N=3
PC2T1 N=3
PC2T2 N=3
PC2T3 N=3
PC3T1 N=3
PC3T2 N=3
PC3T3 N=3
predicted value
2.0
2.5
3.0
2.0
2.2
2.4
2.6
2.8
3.0
measured value
regr. on: Y_conc color by: C_samplename 3 comps. (nc.level.lim.) N = 81

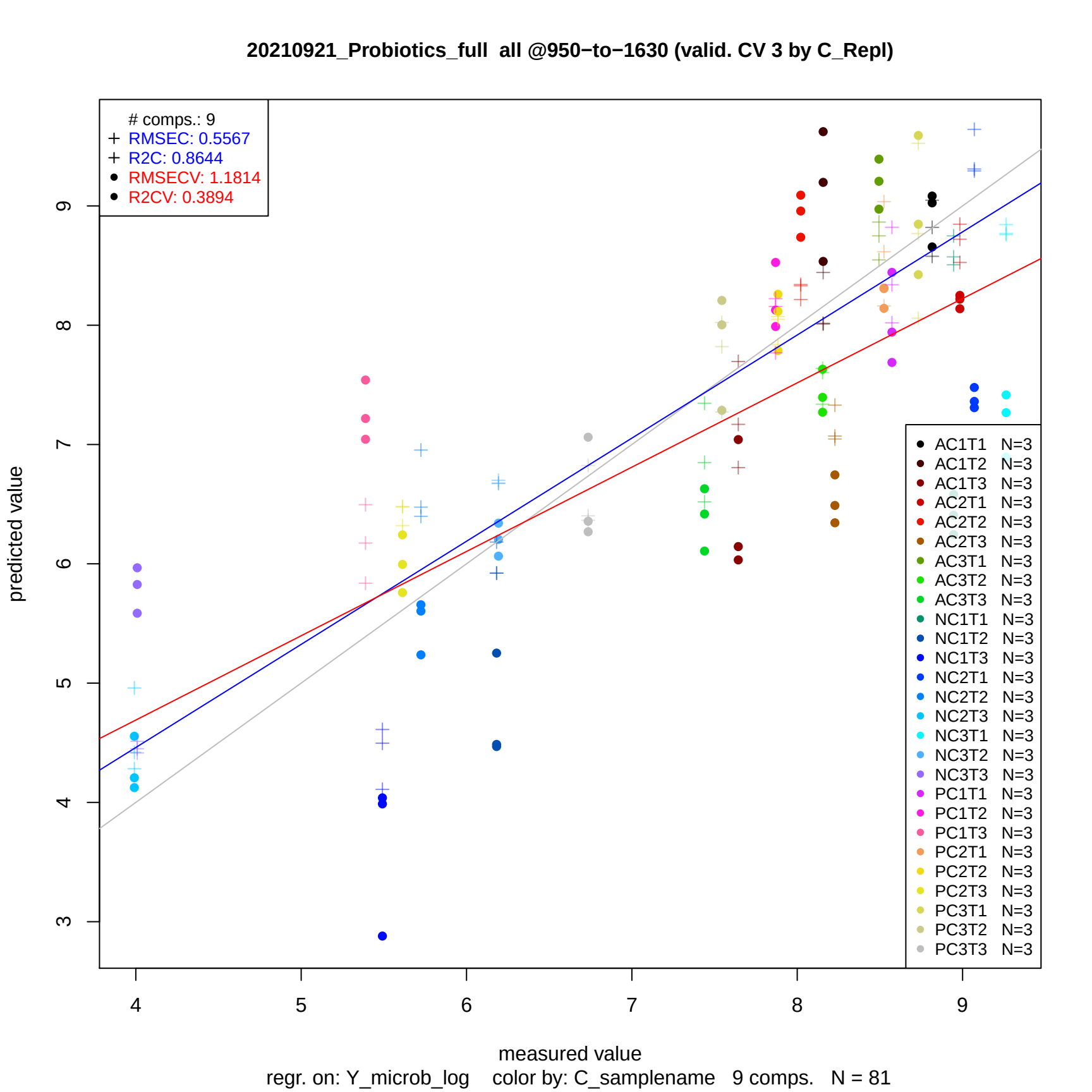

20210921_Probiotics_full all @950−to−1630 (valid. CV 3 by C_Repl)
RMSEC
RMSECV
RMSECV_adj
error value
0.40
0.35
0.30
0.25
0
1
2
3
4
5
6
Nr of components
regr. on: Y_conc 3 comps. (nc.level.lim.) N = 81

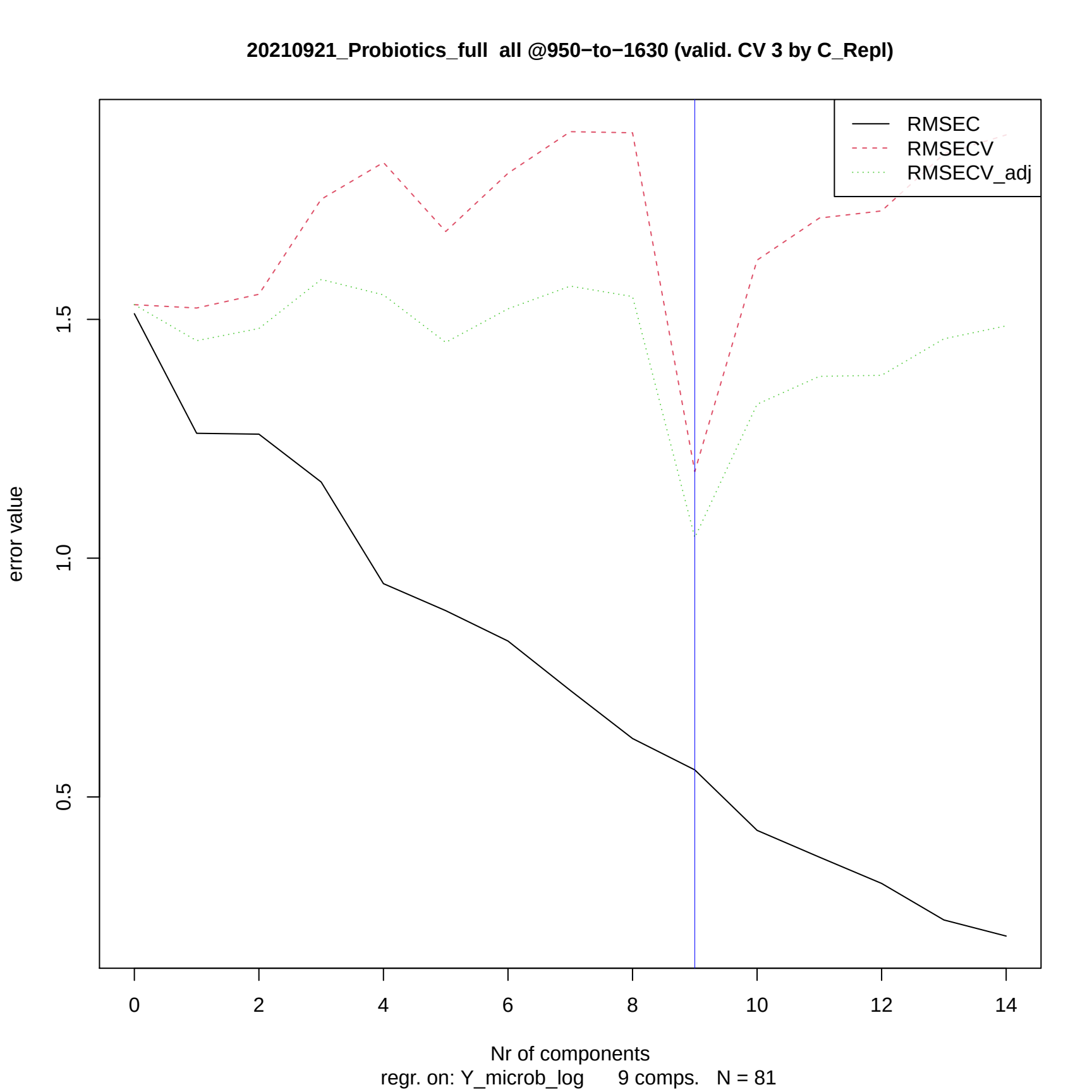

20210921_Probiotics_full all @950−to−1630 (valid. CV 3 by C_Repl)
comps.: 3
RMSEC: 18.6999
R2C: 0.5044
RMSECV: 28.8724
R2CV: −0.1815
AC1T1 N=3
AC1T2 N=3
AC1T3 N=3
AC2T1 N=3
AC2T2 N=3
AC2T3 N=3
AC3T1 N=3
AC3T2 N=3
AC3T3 N=3
NC1T1 N=3
NC1T2 N=3
NC1T3 N=3
NC2T1 N=3
NC2T2 N=3
NC2T3 N=3
NC3T1 N=3
NC3T2 N=3
NC3T3 N=3
PC1T1 N=3
PC1T2 N=3
PC1T3 N=3
PC2T1 N=3
PC2T2 N=3
PC2T3 N=3
PC3T1 N=3
PC3T2 N=3
PC3T3 N=3
predicted value
20
40
60
80
30
40
50
60
70
80
90
measured value
regr. on: Y_tempLev color by: C_samplename 3 comps. (nc.level.lim.) N = 81


20210921_Probiotics_full all @950−to−1630 (valid. CV 3 by C_Repl)
RMSEC
RMSECV
RMSECV_adj
error value
10
15
20
25
30
0
1
2
3
4
5
6
Nr of components
regr. on: Y_tempLev 3 comps. (nc.level.lim.) N = 81


20210921_Probiotics_full all @950−to−1630 (valid. CV 3 by C_Repl)
comps.: 5
RMSEC: 229390967.8274
R2C: 0.7325
RMSECV: 530805300.6905
R2CV: −0.4321
predicted value
8e+08
6e+08
4e+08
2e+08
0e+00
−2e+08
0.0e+00
5.0e+08
1.0e+09
1.5e+09
measured value
regr. on: Y_microb color by: C_samplename 5 comps. N = 81
AC1T1 N=3
AC1T2 N=3
AC1T3 N=3
AC2T1 N=3
AC2T2 N=3
AC2T3 N=3
AC3T1 N=3
AC3T2 N=3
AC3T3 N=3
NC1T1 N=3
NC1T2 N=3
NC1T3 N=3
NC2T1 N=3
NC2T2 N=3
NC2T3 N=3
NC3T1 N=3
NC3T2 N=3
NC3T3 N=3
PC1T1 N=3
PC1T2 N=3
PC1T3 N=3
PC2T1 N=3
PC2T2 N=3
PC2T3 N=3
PC3T1 N=3
PC3T2 N=3
PC3T3 N=3


20210921_Probiotics_full all @950−to−1630 (valid. CV 3 by C_Repl)
RMSEC
RMSECV
RMSECV_adj
error value
2e+08
3e+08
4e+08
5e+08
6e+08
0
2
4
6
8
Nr of components
regr. on: Y_microb 5 comps. N = 81


20210921_Probiotics_full all @950−to−1630 (valid. CV 3 by C_Repl)
comps.: 9
RMSEC: 0.5567
R2C: 0.8644
RMSECV: 1.1814
R2CV: 0.3894
AC1T1 N=3
AC1T2 N=3
AC1T3 N=3
AC2T1 N=3
AC2T2 N=3
AC2T3 N=3
AC3T1 N=3
AC3T2 N=3
AC3T3 N=3
NC1T1 N=3
NC1T2 N=3
NC1T3 N=3
NC2T1 N=3
NC2T2 N=3
NC2T3 N=3
NC3T1 N=3
NC3T2 N=3
NC3T3 N=3
PC1T1 N=3
PC1T2 N=3
PC1T3 N=3
PC2T1 N=3
PC2T2 N=3
PC2T3 N=3
PC3T1 N=3
PC3T2 N=3
PC3T3 N=3
predicted value
3
4
5
6
7
8
9
4
5
6
7
8
9
measured value
regr. on: Y_microb_log color by: C_samplename 9 comps. N = 81


20210921_Probiotics_full all @950−to−1630 (valid. CV 3 by C_Repl)
RMSEC
RMSECV
RMSECV_adj
error value
0.5
1.0
1.5
0
2
4
6
8
10
12
14
Nr of components
regr. on: Y_microb_log 9 comps. N = 81