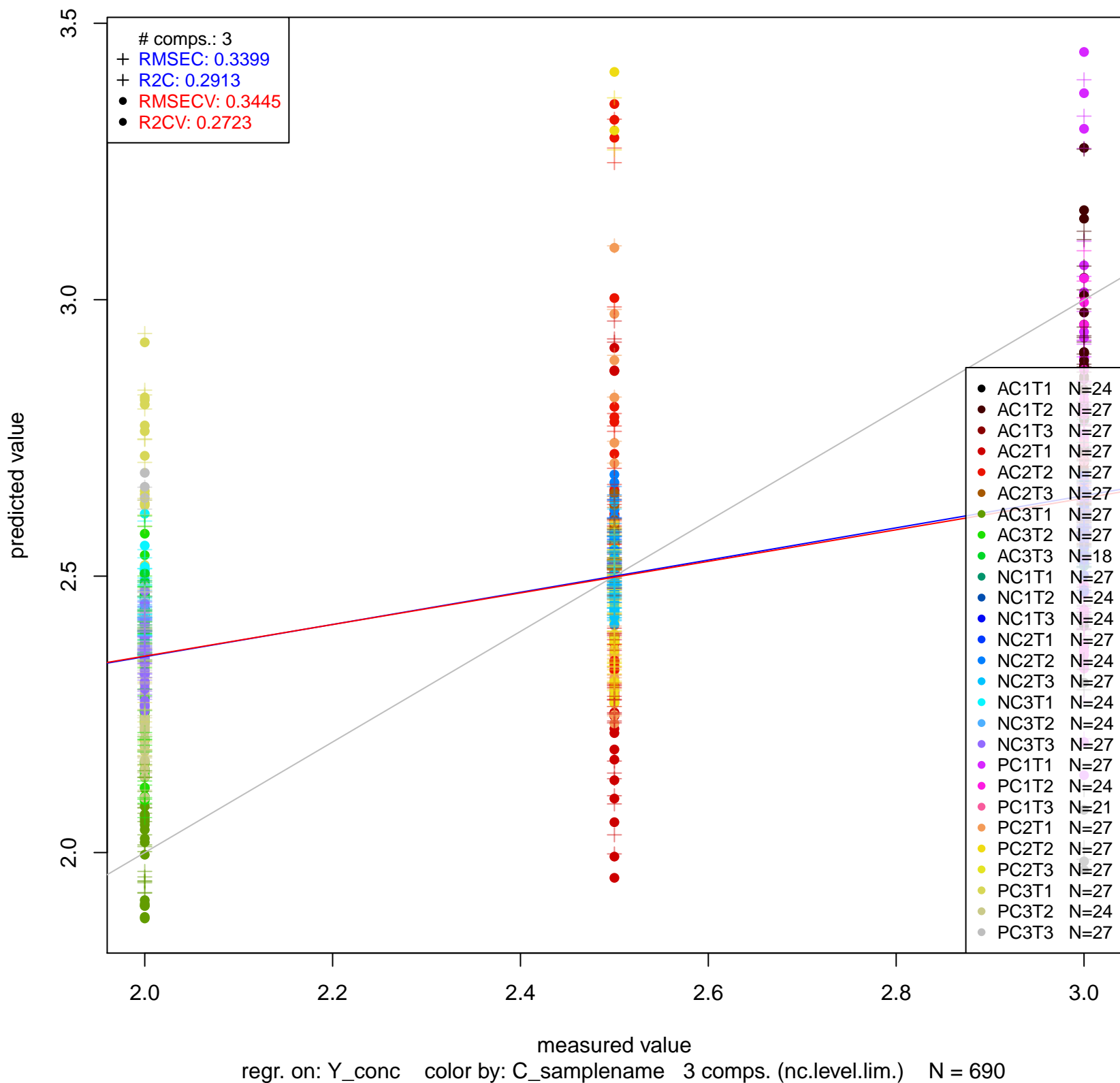**20210921_Probiotics_full all @1300-to-1600 dpt:;sgol,msc (valid. CV 3 by C_Repl)**

comps.: 3
+ RMSEC: 0.3399
+ R2C: 0.2913
● RMSECV: 0.3445
● R2CV: 0.2723

Legend	
AC1T1	N=24
AC1T2	N=27
AC1T3	N=27
AC2T1	N=27
AC2T2	N=27
AC2T3	N=27
AC3T1	N=27
AC3T2	N=27
AC3T3	N=18
NC1T1	N=27
NC1T2	N=24
NC1T3	N=24
NC2T1	N=27
NC2T2	N=24
NC2T3	N=27
NC3T1	N=24
NC3T2	N=24
NC3T3	N=27
PC1T1	N=27
PC1T2	N=24
PC1T3	N=21
PC2T1	N=27
PC2T2	N=27
PC2T3	N=27
PC3T1	N=27
PC3T2	N=24
PC3T3	N=27

predicted value

measured value

regr. on: Y_conc   color by: C_samplename   3 comps. (nc.level.lim.)   N = 690
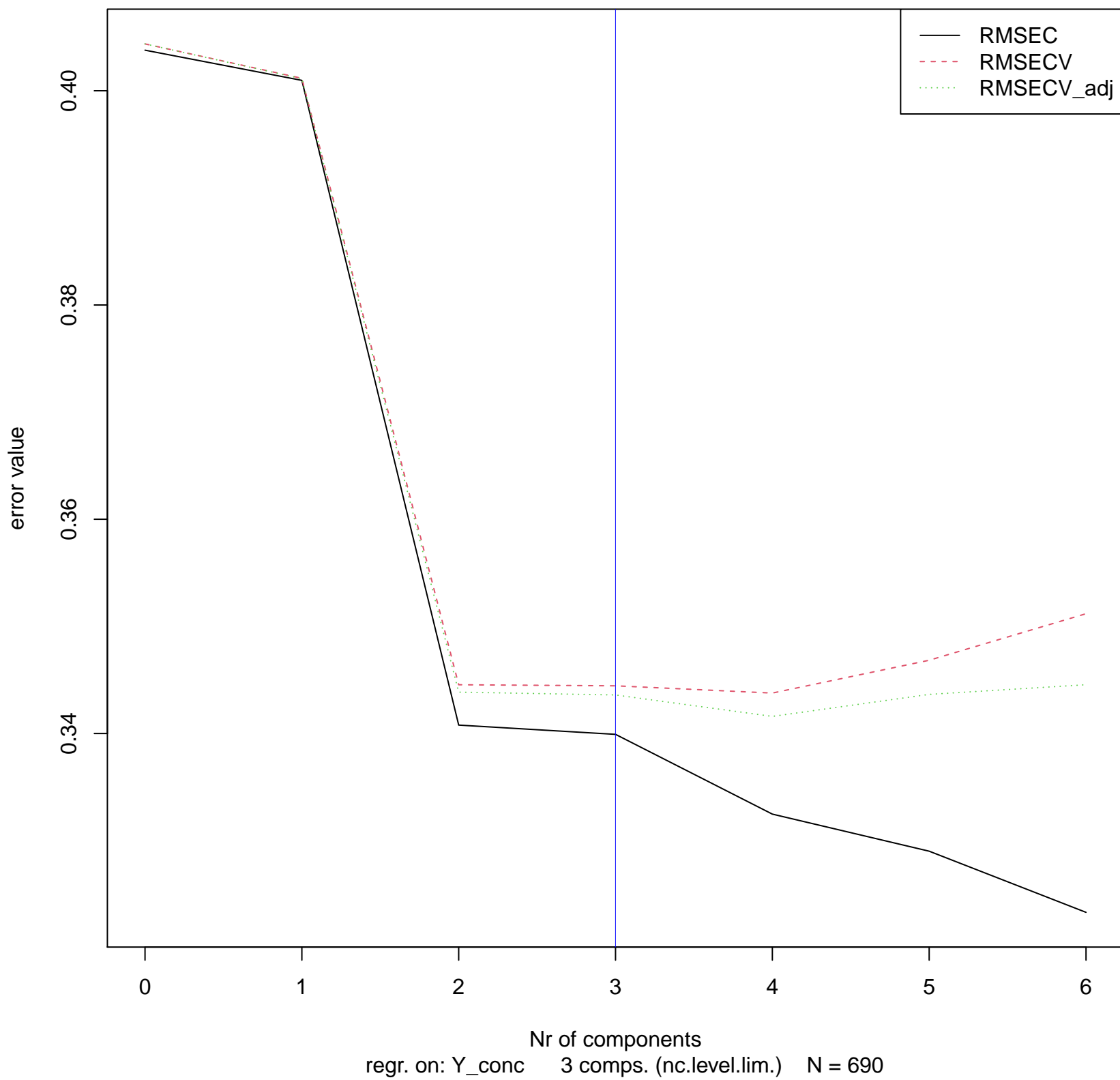
20210921_Probiotics_full all @1300−to−1600 dpt:;sgol,msc (valid. CV 3 by C_Repl)

Legend:
- RMSEC
- RMSECV
- RMSECV_adj

error value

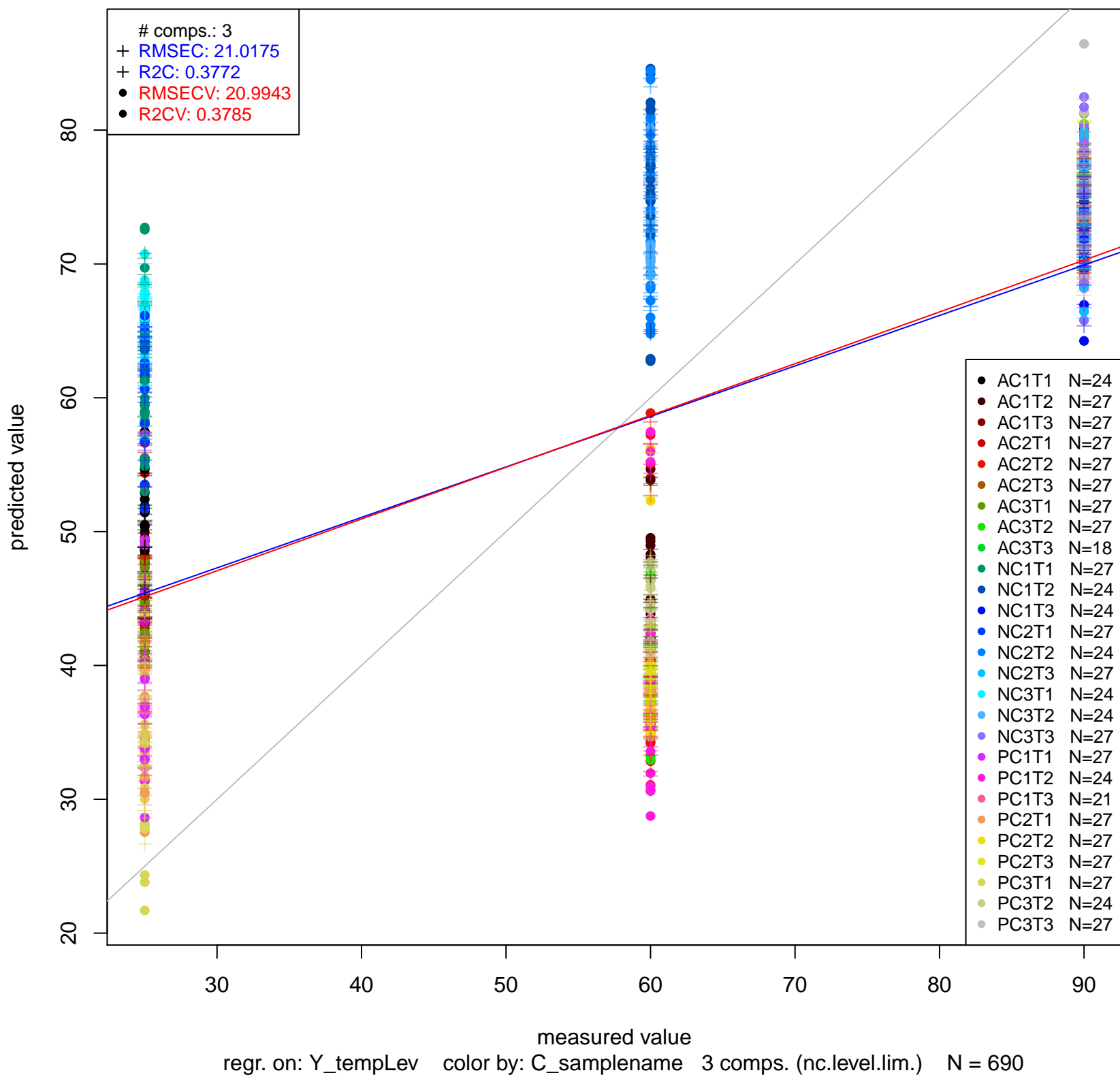Nr of components

regr. on: Y_conc   3 comps. (nc.level.lim.)   N = 690

20210921_Probiotics_full all @1300−to−1600 dpt:;sgol,msc (valid. CV 3 by C_Repl)

comps.: 3
+ RMSEC: 21.0175
+ R2C: 0.3772
• RMSECV: 20.9943
• R2CV: 0.3785

predicted value

● AC1T1	N=24
● AC1T2	N=27
● AC1T3	N=27
● AC2T1	N=27
● AC2T2	N=27
● AC2T3	N=27
● AC3T1	N=27
● AC3T2	N=27
● AC3T3	N=18
● NC1T1	N=27
● NC1T2	N=24
● NC1T3	N=24
● NC2T1	N=27
● NC2T2	N=24
● NC2T3	N=27
● NC3T1	N=24
● NC3T2	N=24
● NC3T3	N=27
● PC1T1	N=27
● PC1T2	N=24
● PC1T3	N=21
● PC2T1	N=27
● PC2T2	N=27
● PC2T3	N=27
● PC3T1	N=27
● PC3T2	N=24
● PC3T3	N=27

measured value

regr. on: Y_tempLev   color by: C_samplename   3 comps. (nc.level.lim.)   N = 690

20210921_Probiotics_full all @1300−to−1600 dpt:;sgol,msc (valid. CV 3 by C_Repl)

RMSEC
RMSECV
RMSECV_adj

error value

Nr of components

regr. on: Y_tempLev   3 comps. (nc.level.lim.)   N = 690

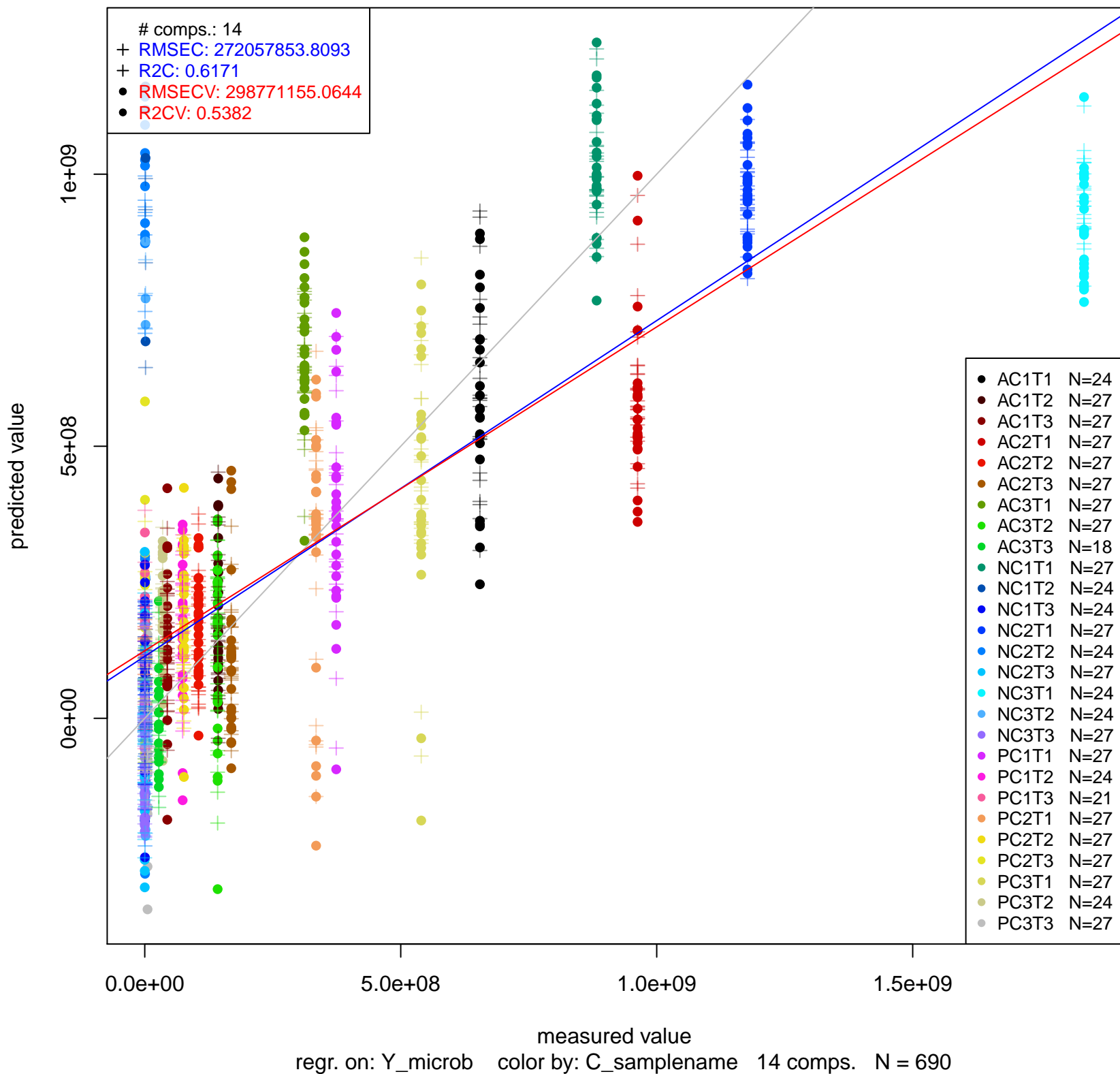**20210921_Probiotics_full all @1300−to−1600 dpt:;sgol,msc (valid. CV 3 by C_Repl)**

comps.: 14
+ RMSEC: 272057853.8093
+ R2C: 0.6171
● RMSECV: 298771155.0644
● R2CV: 0.5382

predicted value

● AC1T1	N=24
● AC1T2	N=27
● AC1T3	N=27
● AC2T1	N=27
● AC2T2	N=27
● AC2T3	N=27
● AC3T1	N=27
● AC3T2	N=27
● AC3T3	N=18
● NC1T1	N=27
● NC1T2	N=24
● NC1T3	N=24
● NC2T1	N=27
● NC2T2	N=24
● NC2T3	N=27
● NC3T1	N=24
● NC3T2	N=24
● NC3T3	N=27
● PC1T1	N=27
● PC1T2	N=24
● PC1T3	N=21
● PC2T1	N=27
● PC2T2	N=27
● PC2T3	N=27
● PC3T1	N=27
● PC3T2	N=24
● PC3T3	N=27

measured value

regr. on: Y_microb   color by: C_samplename   14 comps.   N = 690

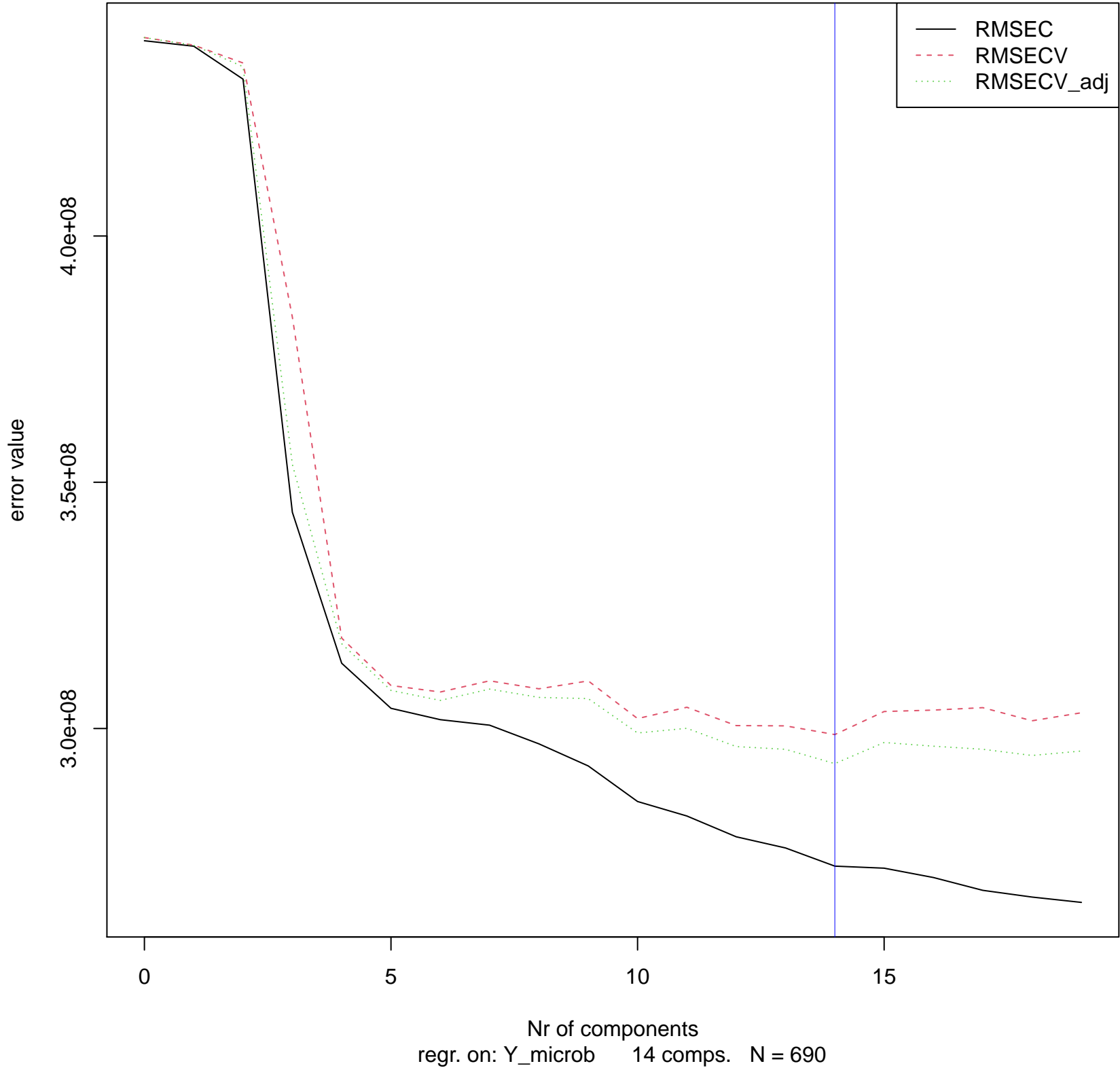**20210921_Probiotics_full all @1300−to−1600 dpt:;sgol,msc (valid. CV 3 by C_Repl)**

error value

4.0e+08

3.5e+08

3.0e+08

RMSEC
RMSECV
RMSECV_adj

0   5   10   15

Nr of components
regr. on: Y_microb   14 comps.   N = 690

20210921_Probiotics_full all @1300−to−1600 dpt:;sgol,msc (valid. CV 3 by C_Repl)

comps.: 22
+ RMSEC: 0.7511
+ R2C: 0.7562
● RMSECV: 0.8663
● R2CV: 0.6756

predicted value

●	AC1T1	N=24
●	AC1T2	N=27
●	AC1T3	N=27
●	AC2T1	N=27
●	AC2T2	N=27
●	AC2T3	N=27
●	AC3T1	N=27
●	AC3T2	N=27
●	AC3T3	N=18
●	NC1T1	N=27
●	NC1T2	N=24
●	NC1T3	N=24
●	NC2T1	N=27
●	NC2T2	N=24
●	NC2T3	N=27
●	NC3T1	N=24
●	NC3T2	N=24
●	NC3T3	N=27
●	PC1T1	N=27
●	PC1T2	N=24
●	PC1T3	N=21
●	PC2T1	N=27
●	PC2T2	N=27
●	PC2T3	N=27
●	PC3T1	N=27
●	PC3T2	N=24
●	PC3T3	N=27

measured value

regr. on: Y_microb_log   color by: C_samplename   22 comps.   N = 690

20210921_Probiotics_full all @1300−to−1600 dpt:;sgol,msc (valid. CV 3 by C_Repl)

- RMSEC
- RMSECV
- RMSECV_adj

error value

Nr of components

regr. on: Y_microb_log   22 comps.   N = 690