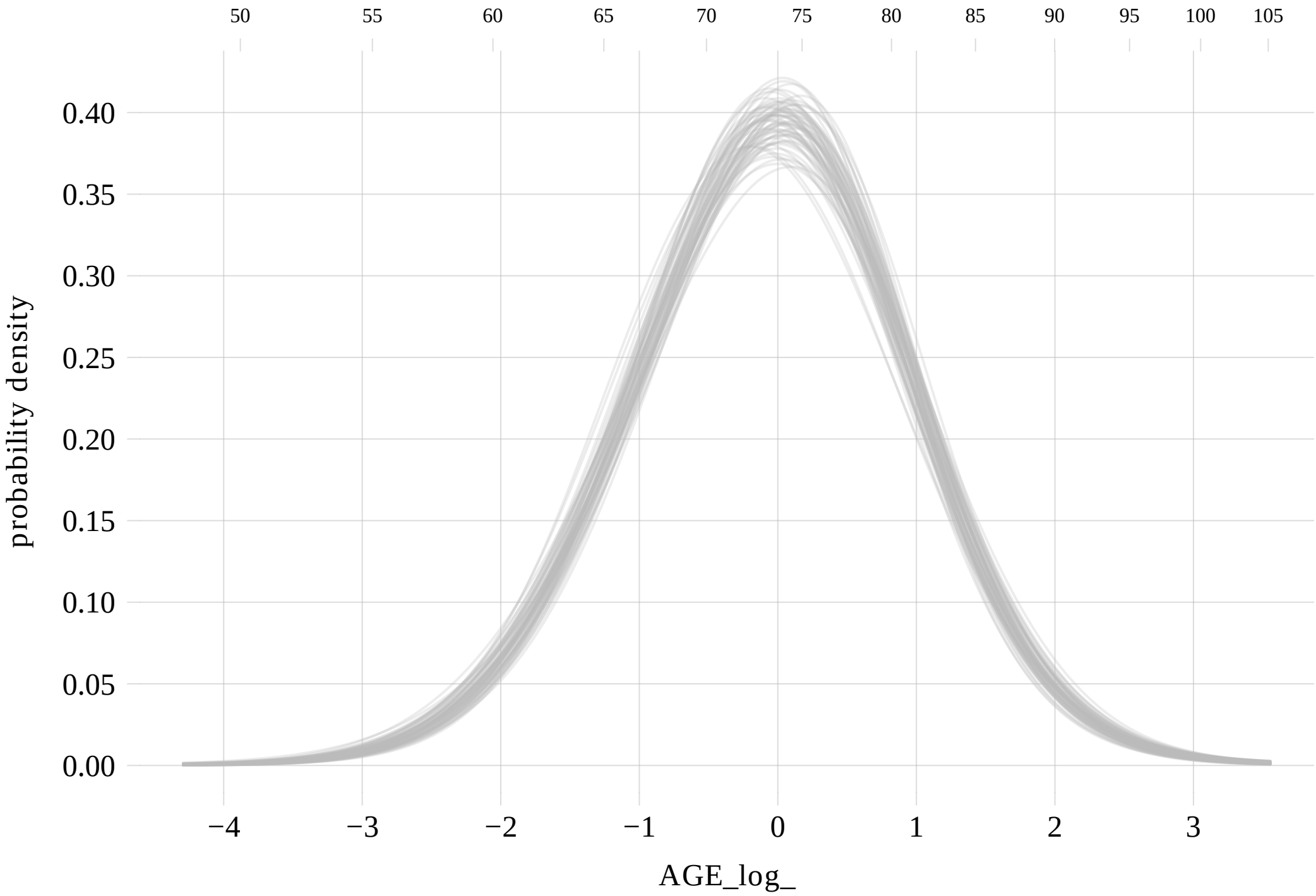
−− STATS maxD −−
min ESS = 58.7128383652783
max BMK = 0.16835527972173 1
max MCSE = 15.3058339620185
all stationary: FALSE
burn: 36

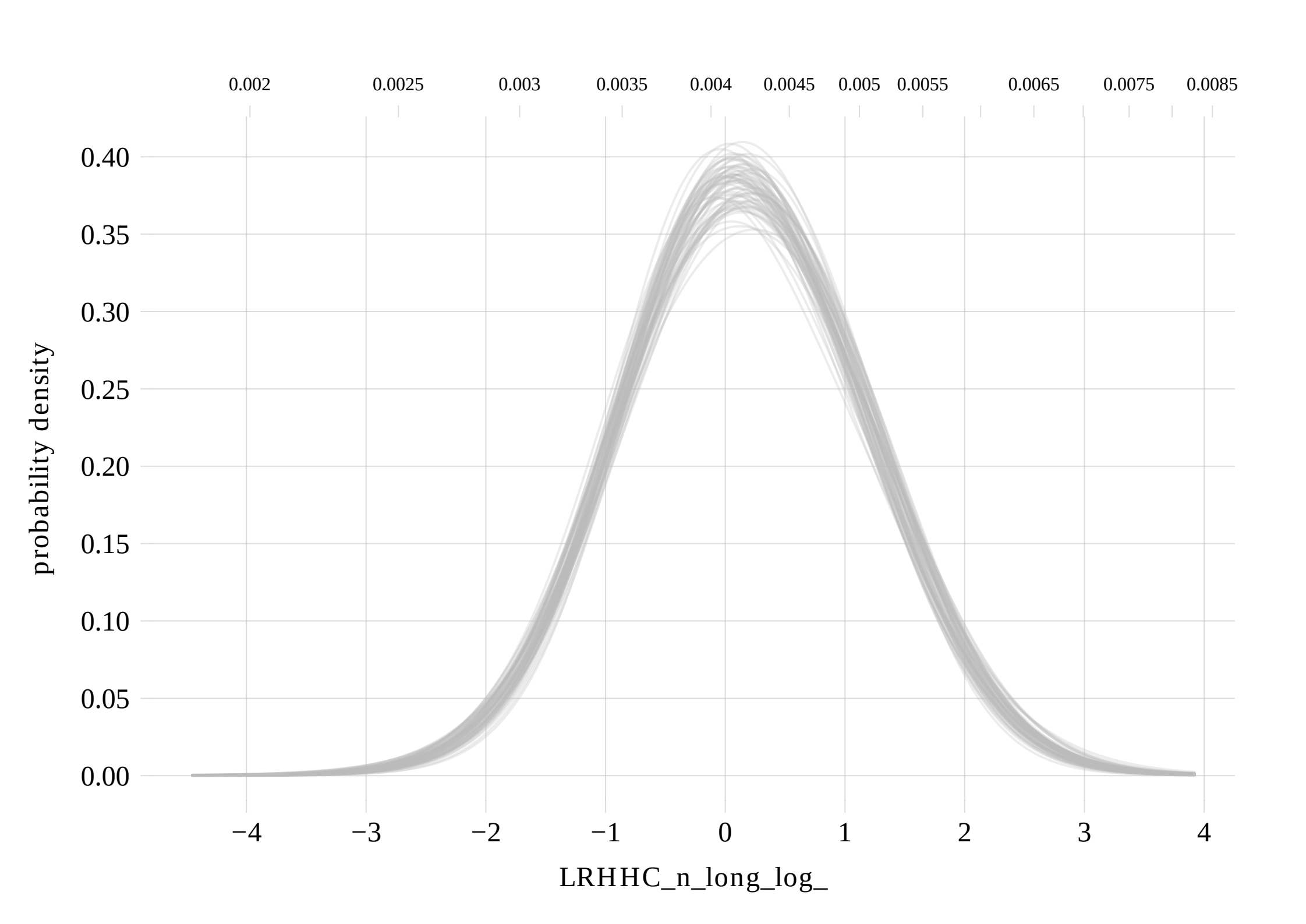
−− STATS 2D −−
min ESS = 12.3740181257114
max BMK = 0.463321563595685
max MCSE = 38.0481638899565
all stationary: FALSE
burn: 60

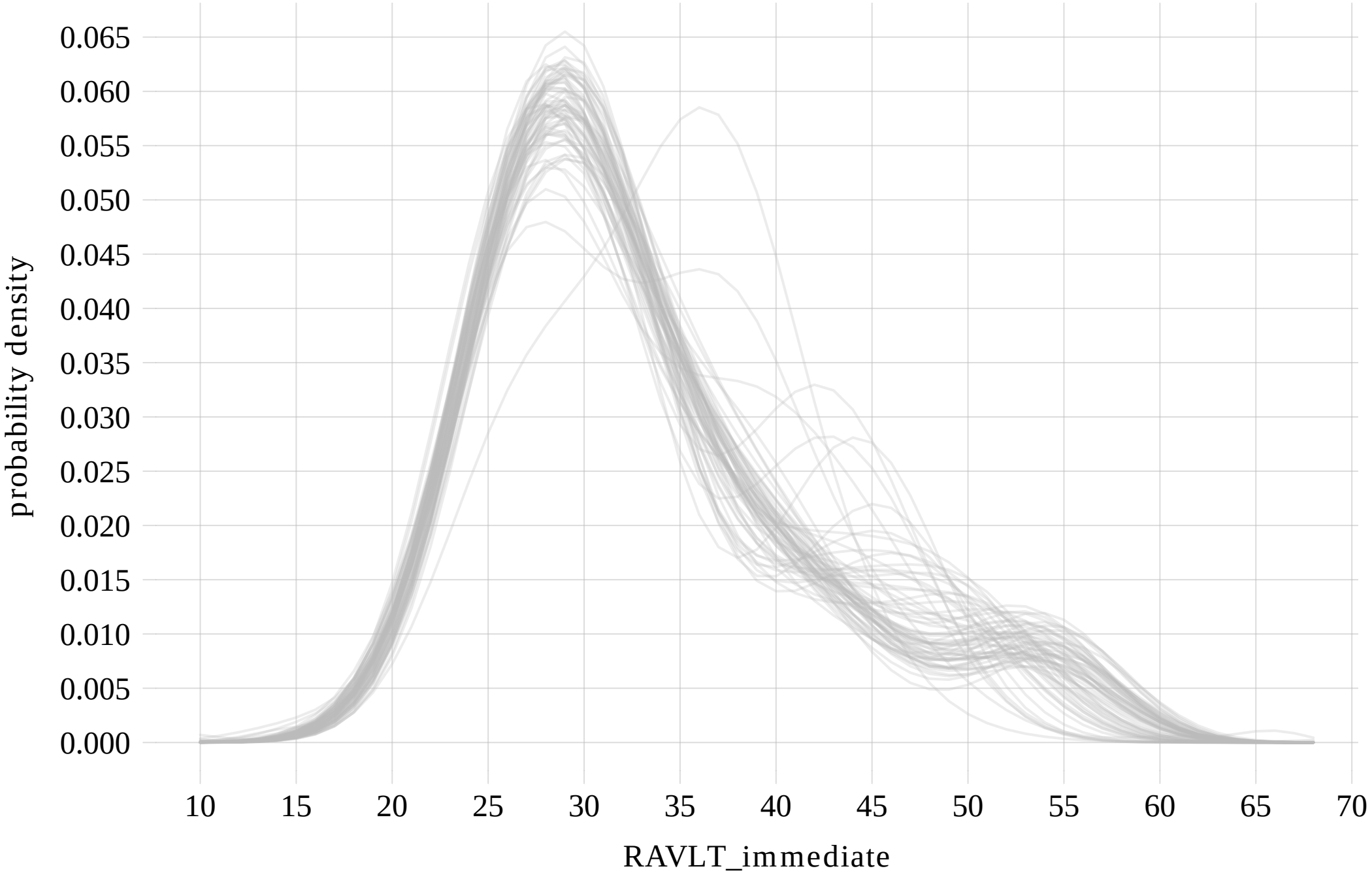
WARNINGS:

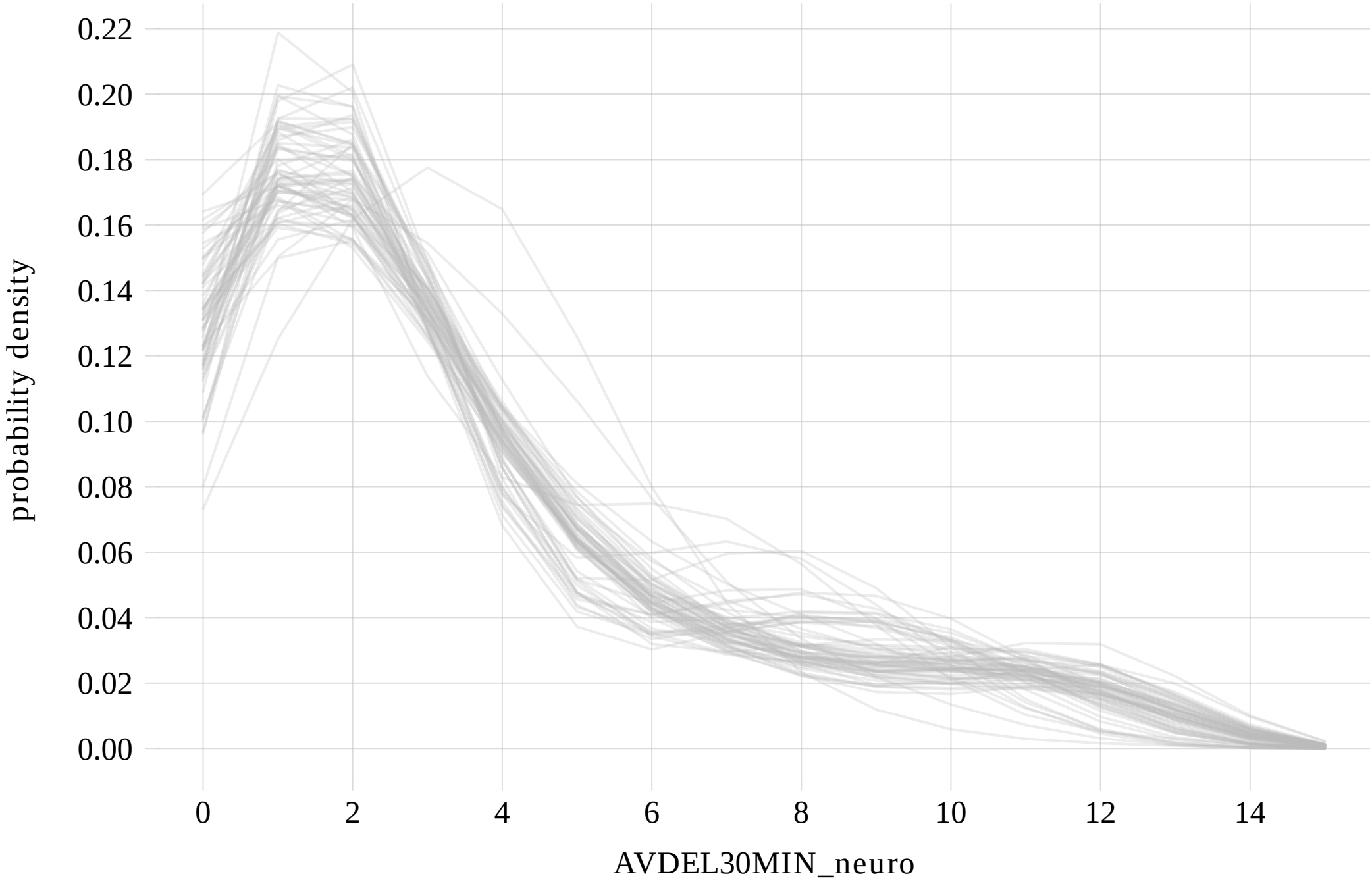
−− STATS 1D −−
min ESS = 13.9021292434979
max BMK = 0.433818942405627
max MCSE = 31.9346404347395
all stationary: FALSE
burn: 84

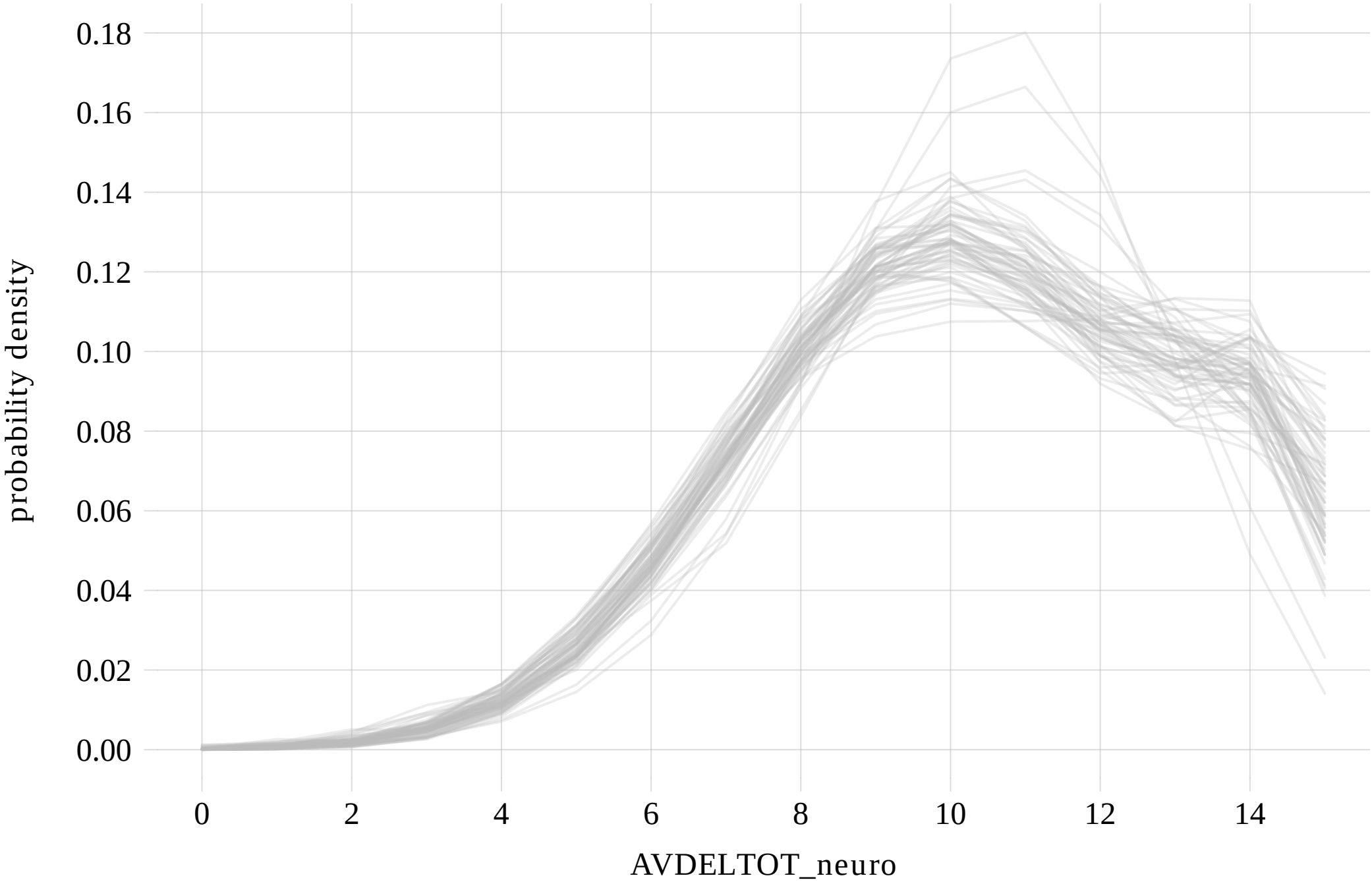
Occupied clusters: 20 of 64
LL: −1510 +− 6.13

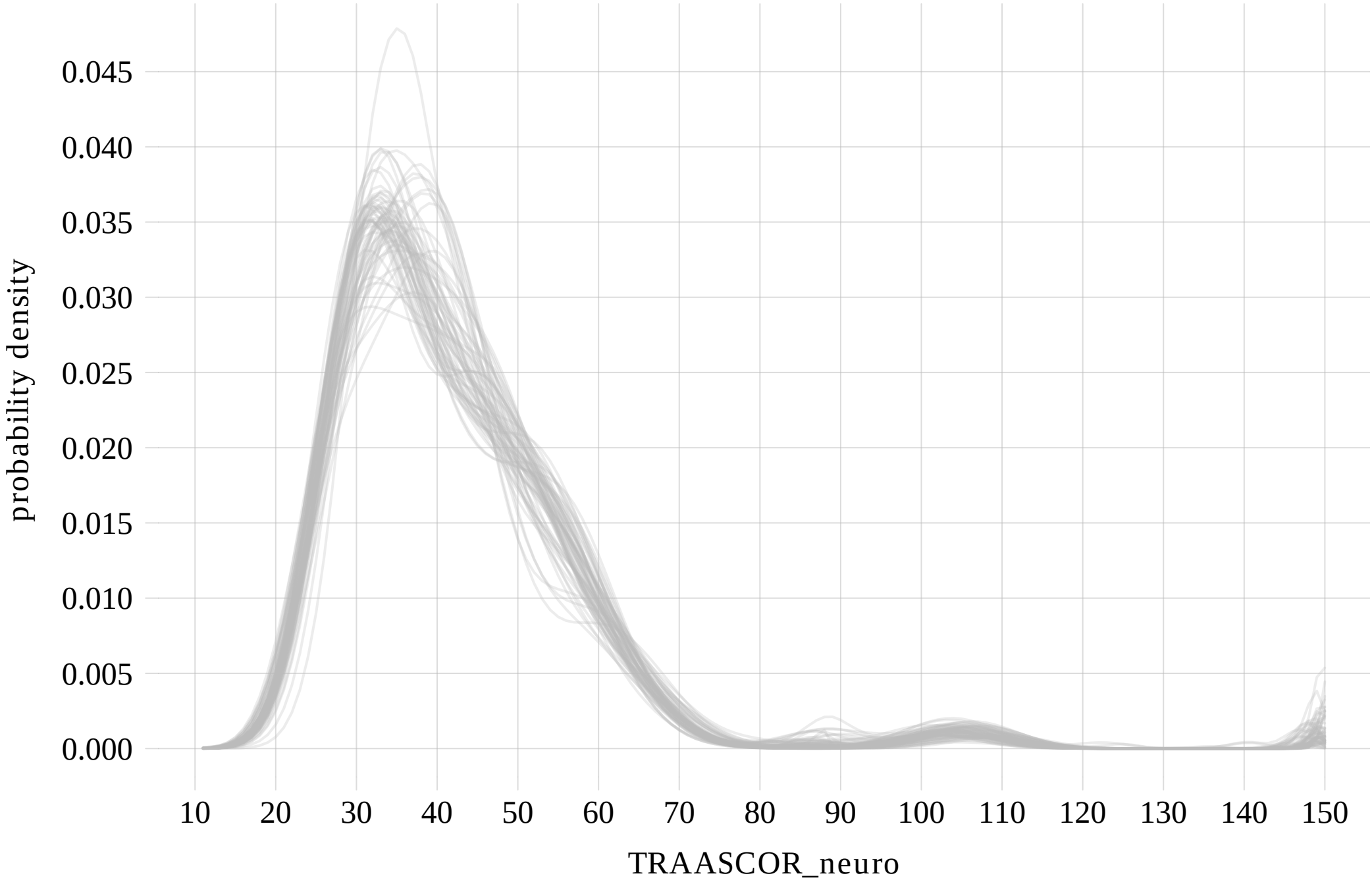

50
55
60
65
70
75
80
85
90
95
100
105
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
AGE_log_

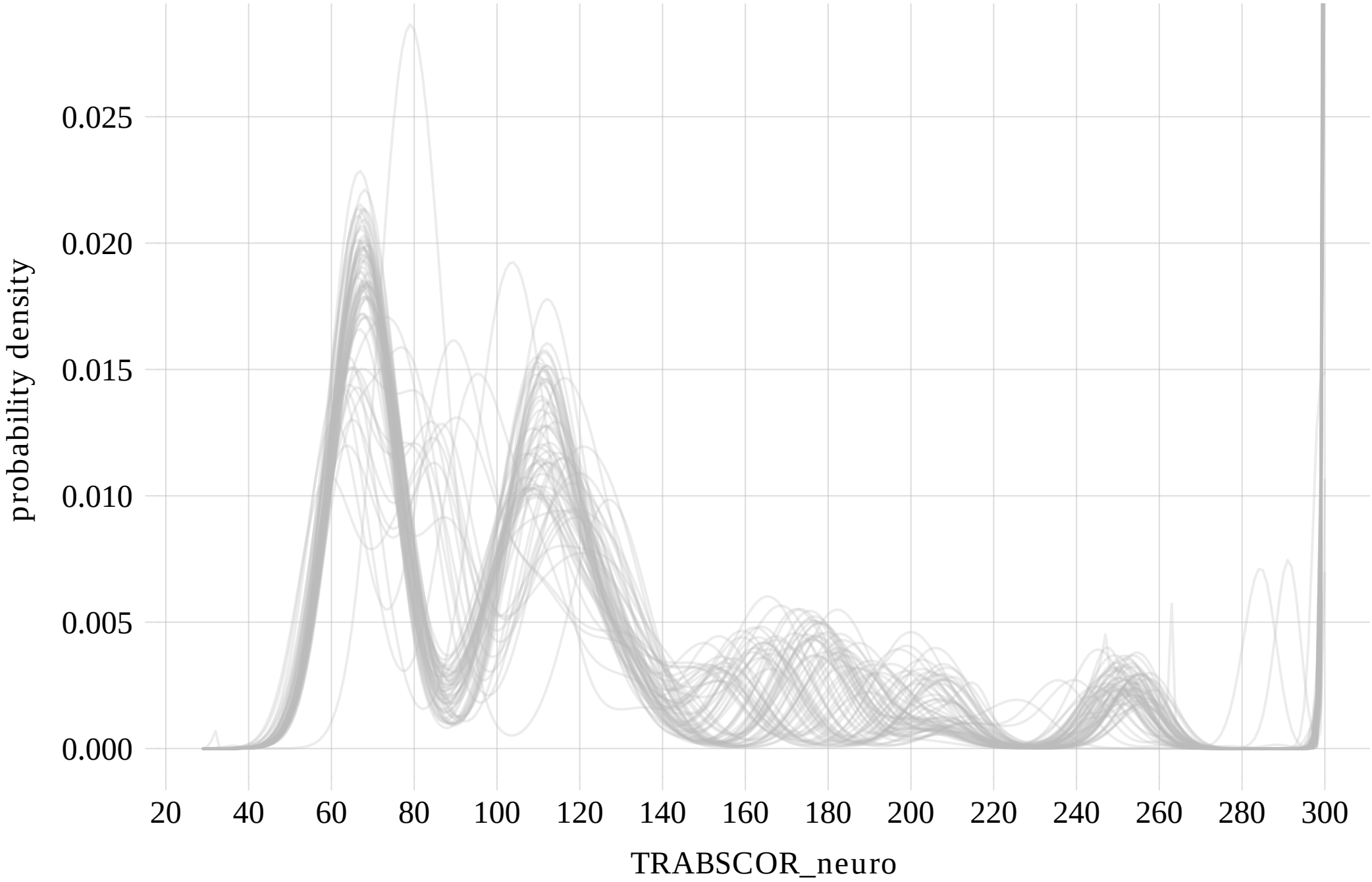

0.002
0.0025
0.003
0.0035
0.004
0.0045
0.005
0.0055
0.0065
0.0075
0.0085
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
4
LRHHC_n_long_log_

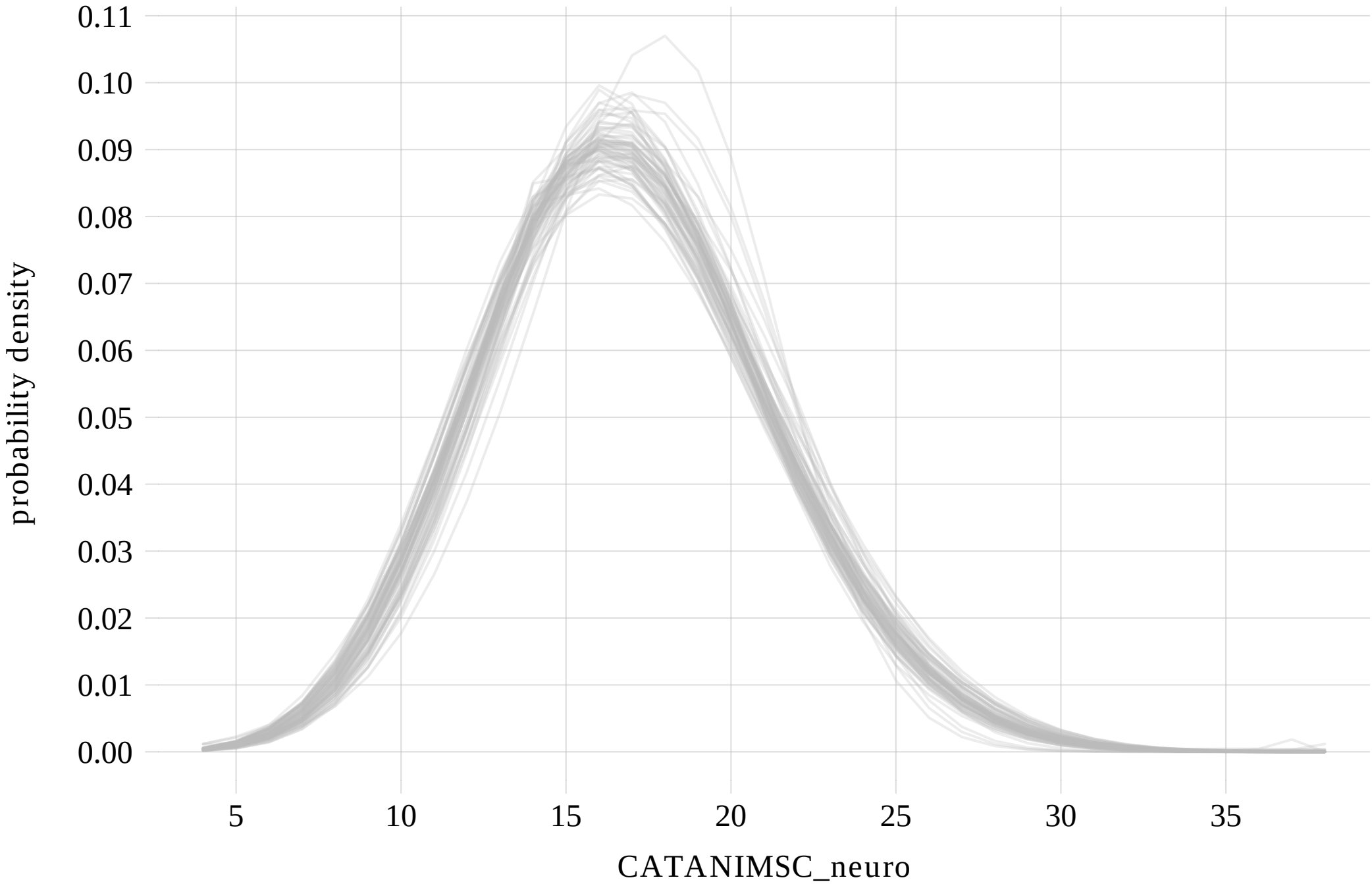

probability density
0.065
0.060
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
10
15
20
25
30
35
40
45
50
55
60
65
70
RAVLT_immediate

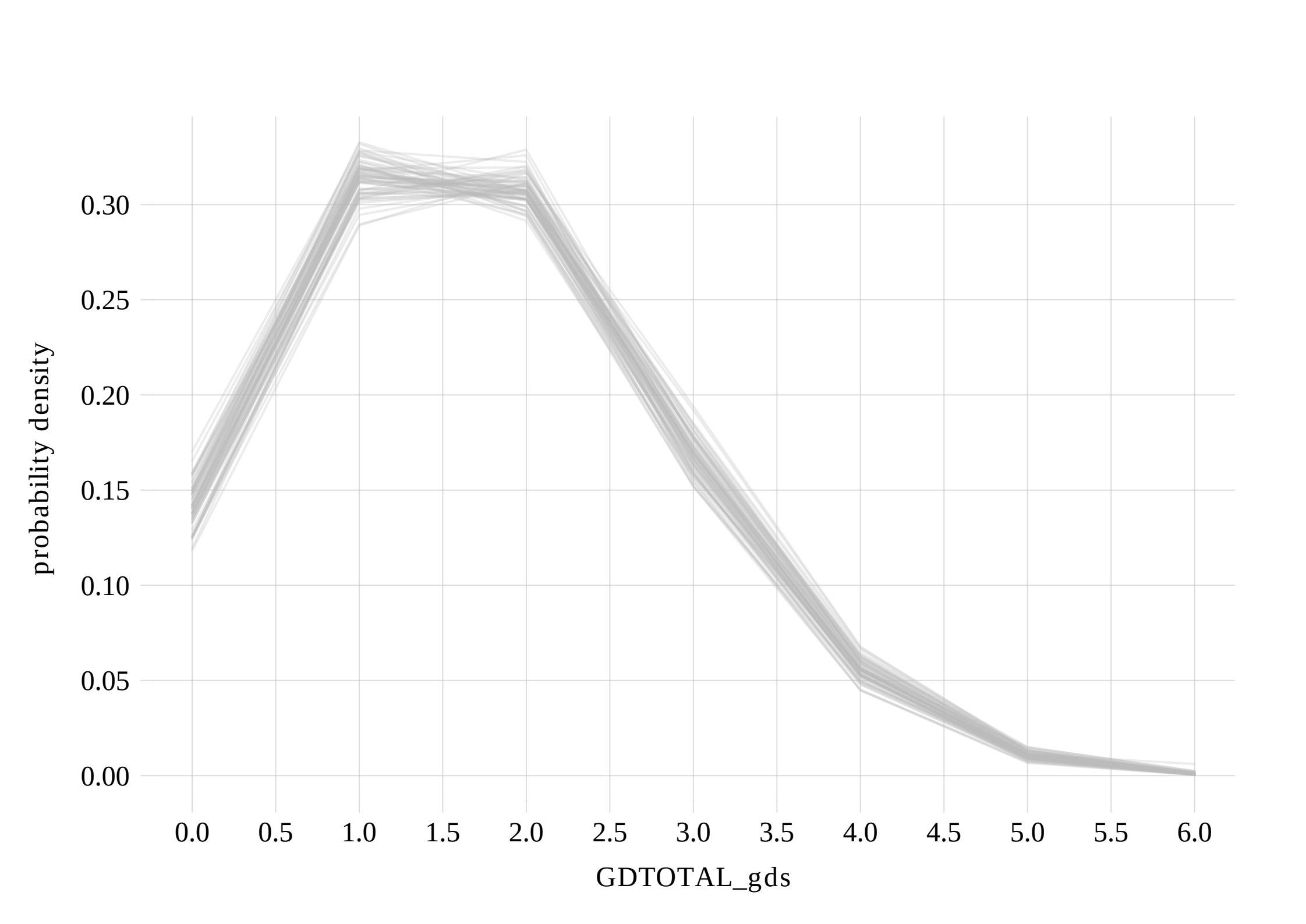

probability density
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
10
12
14
AVDEL30MIN_neuro

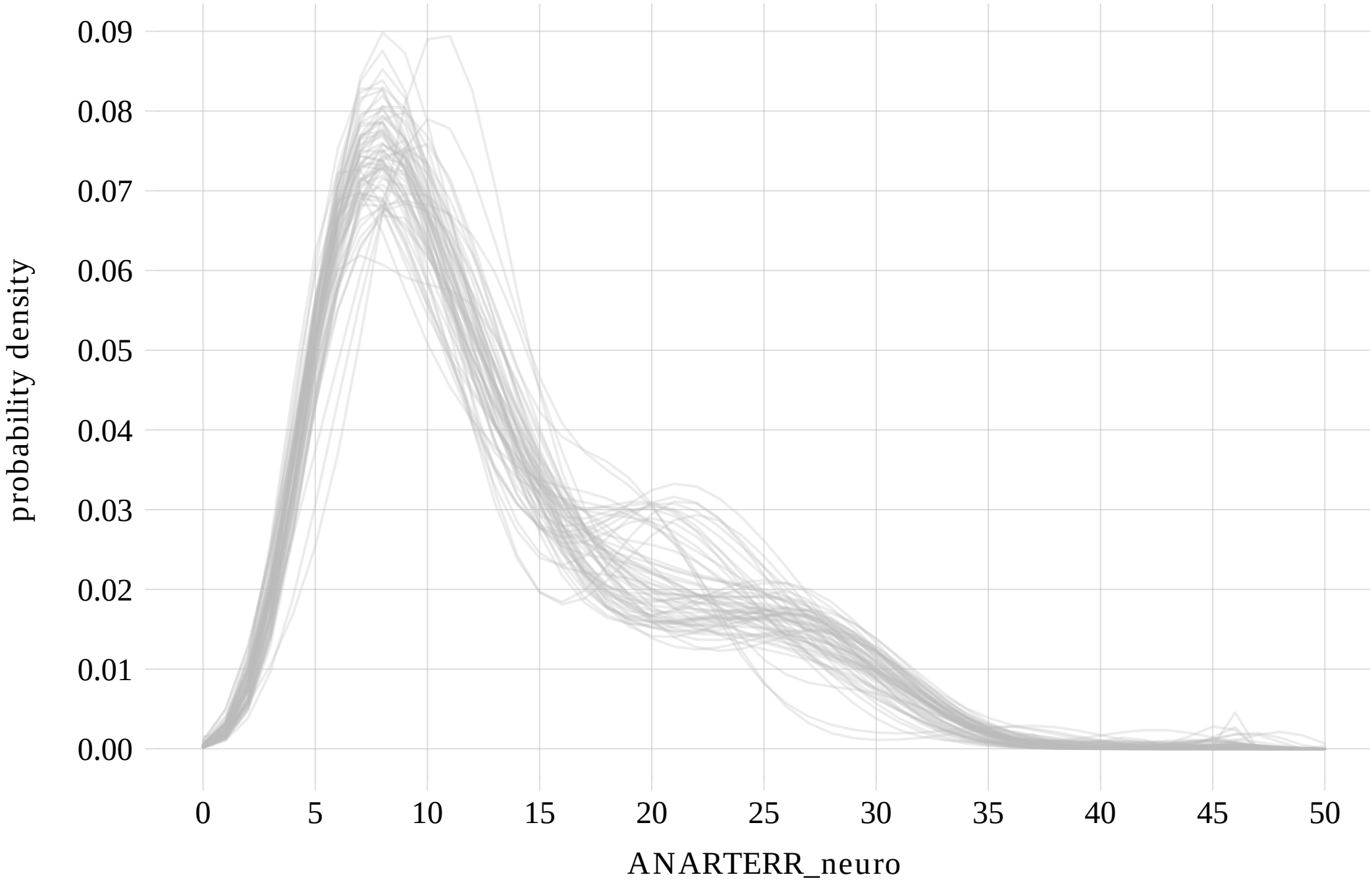

probability density
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
10
12
14
AVDELTOT_neuro

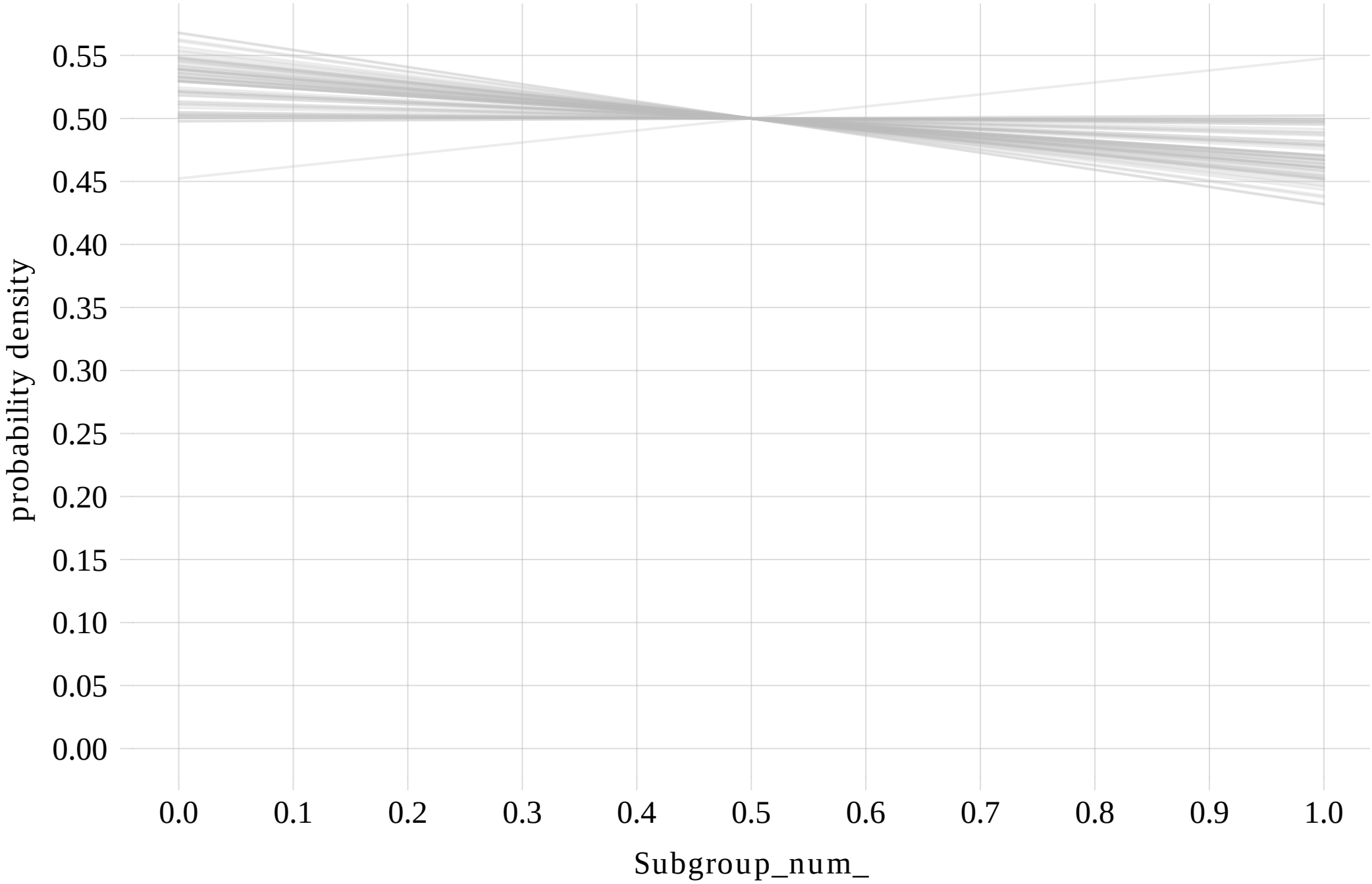

probability density
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
TRAASCOR_neuro

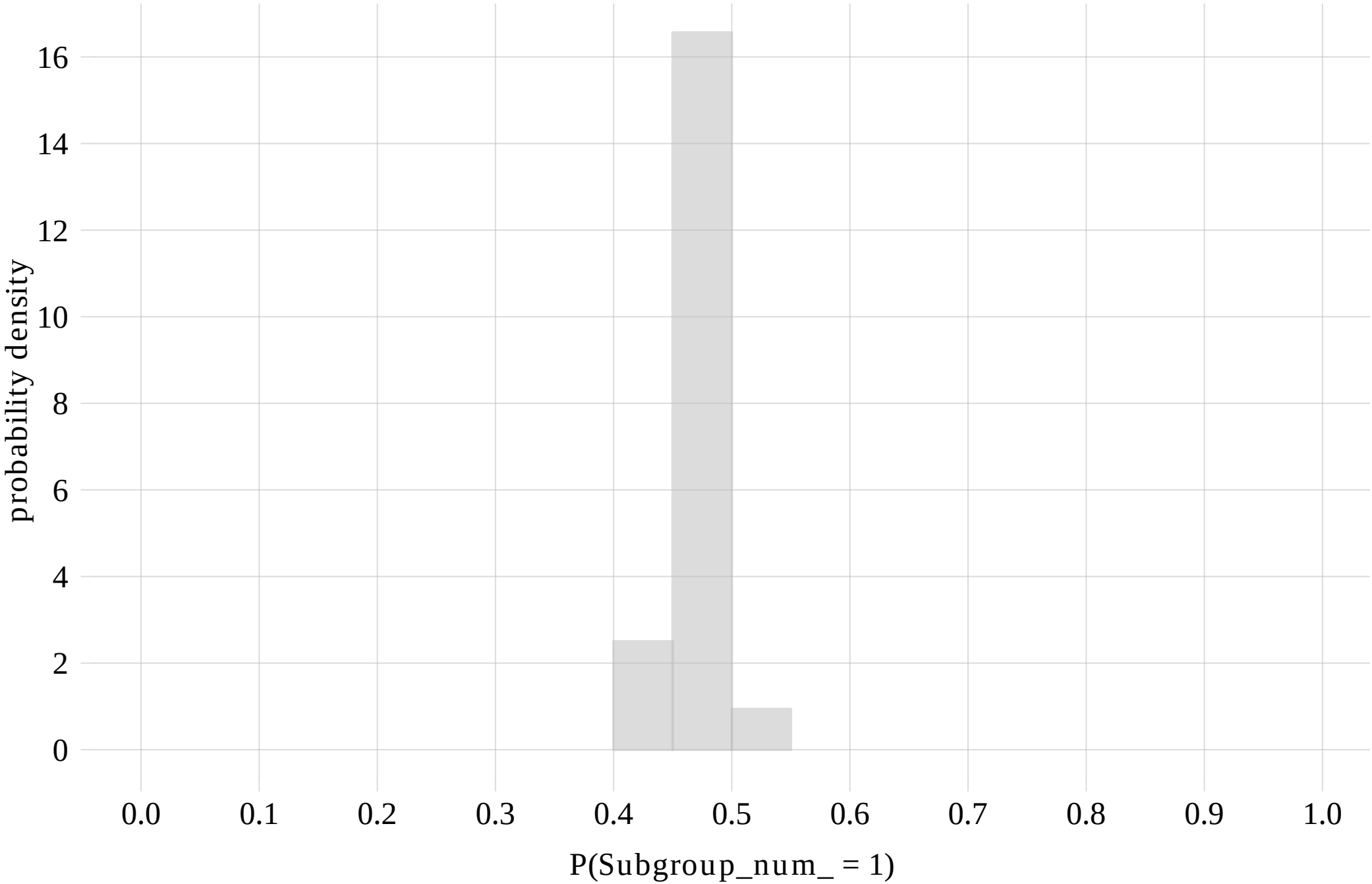

probability density
0.025
0.020
0.015
0.010
0.005
0.000
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
TRABSCOR_neuro

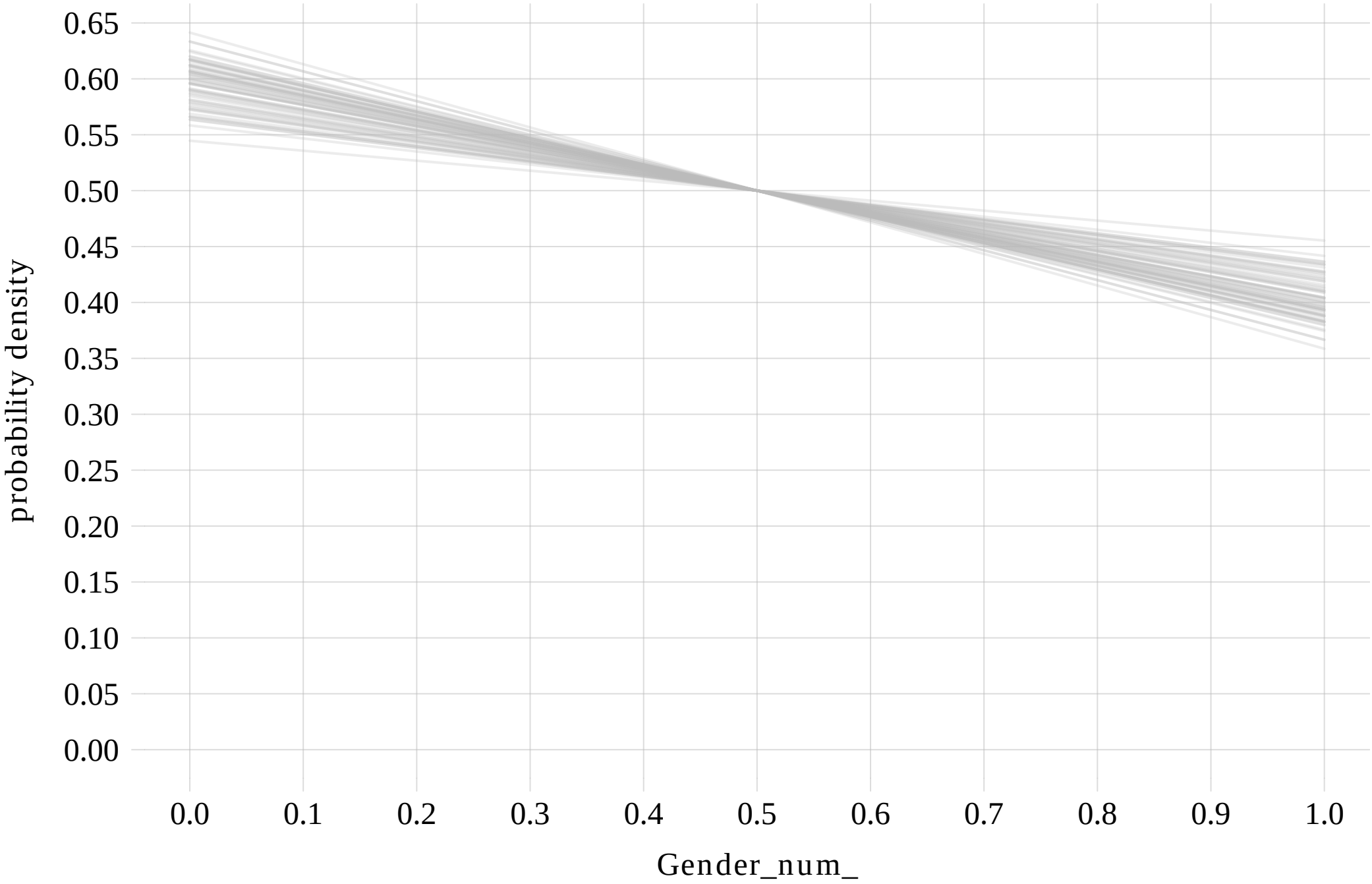

0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability density
5
10
15
20
25
30
35
CATANIMSC_neuro

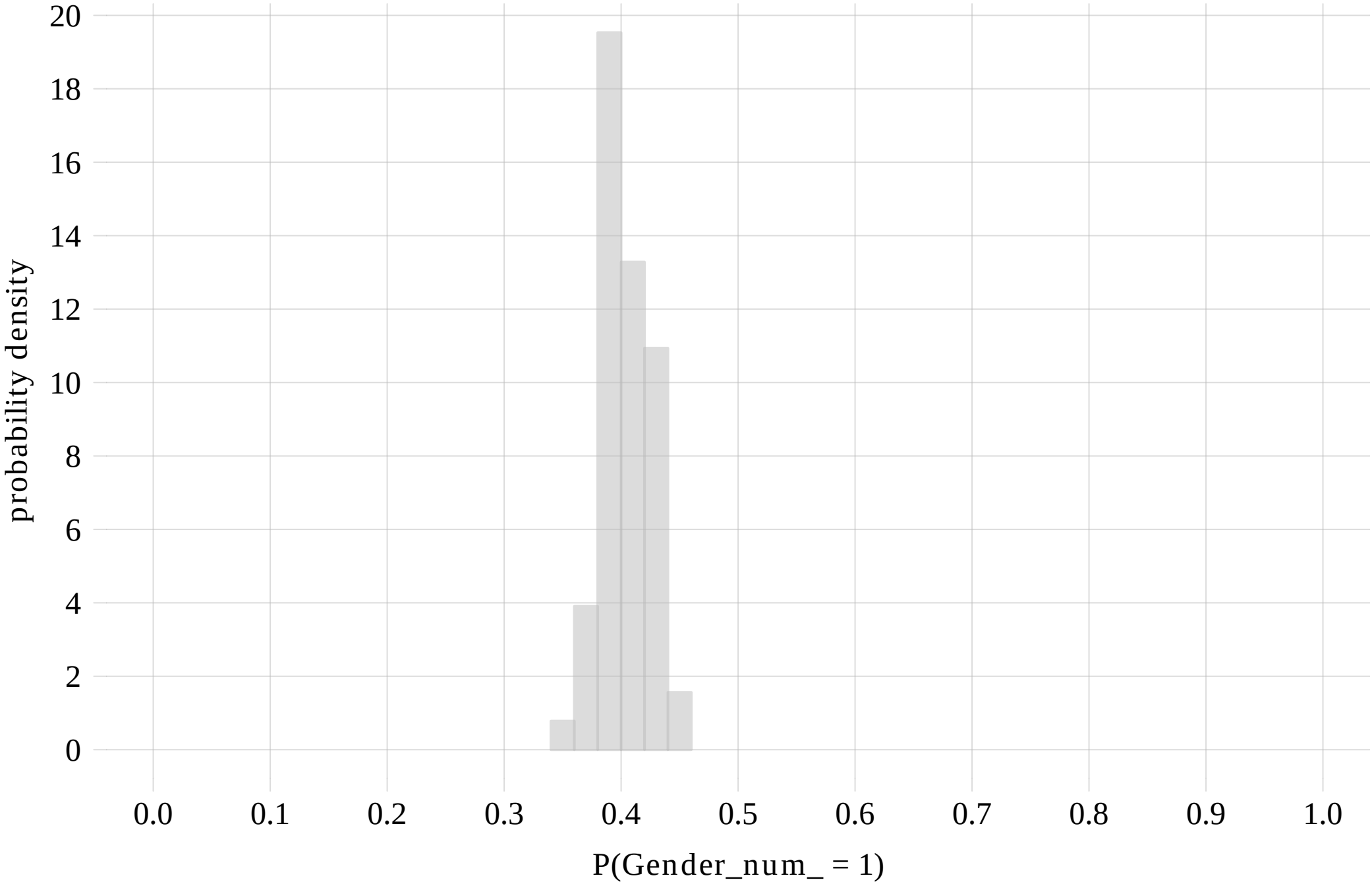

probability density
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
GDTOTAL_gds

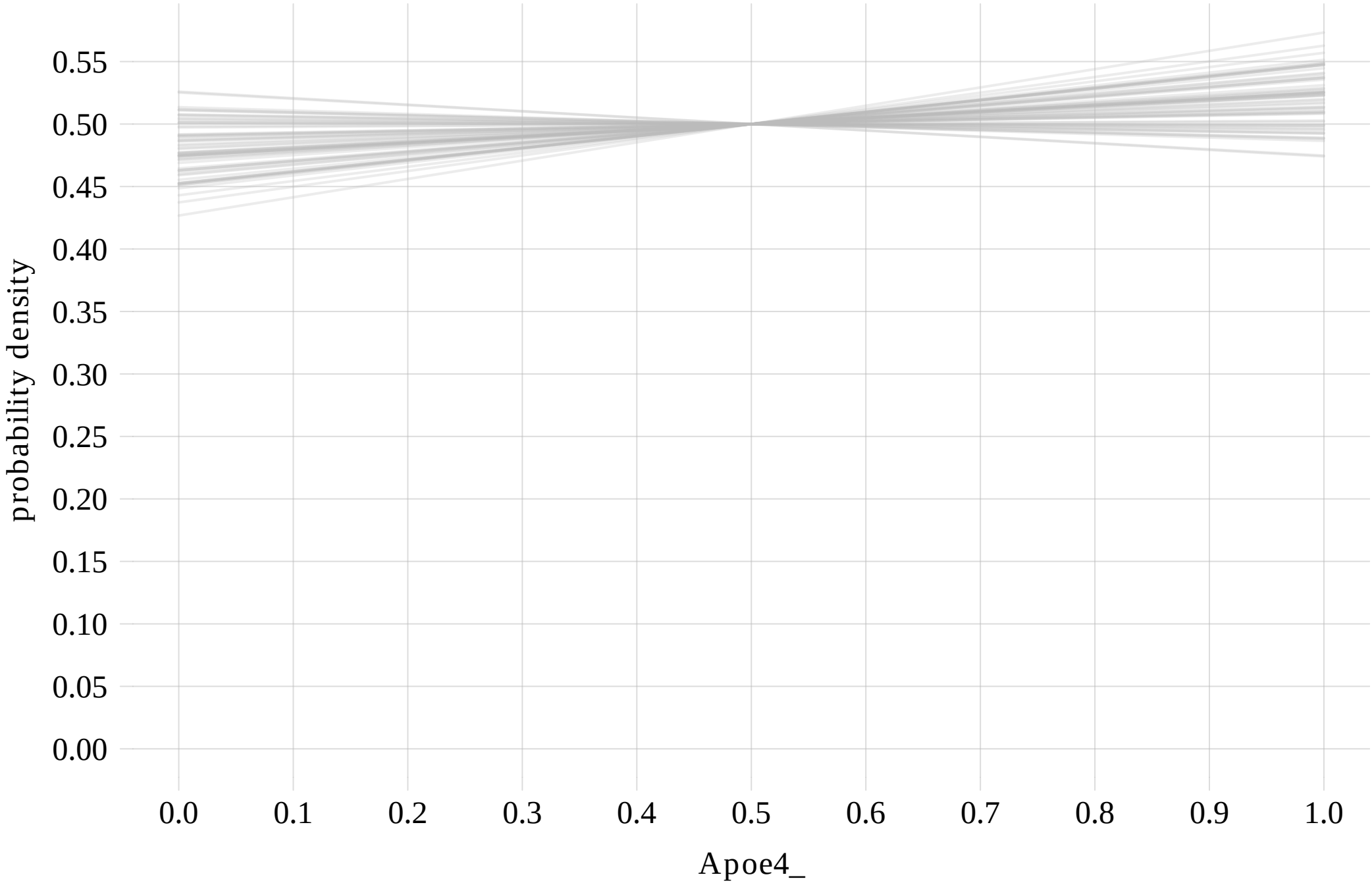

probability density
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
25
30
35
40
45
50
ANARTERR_neuro

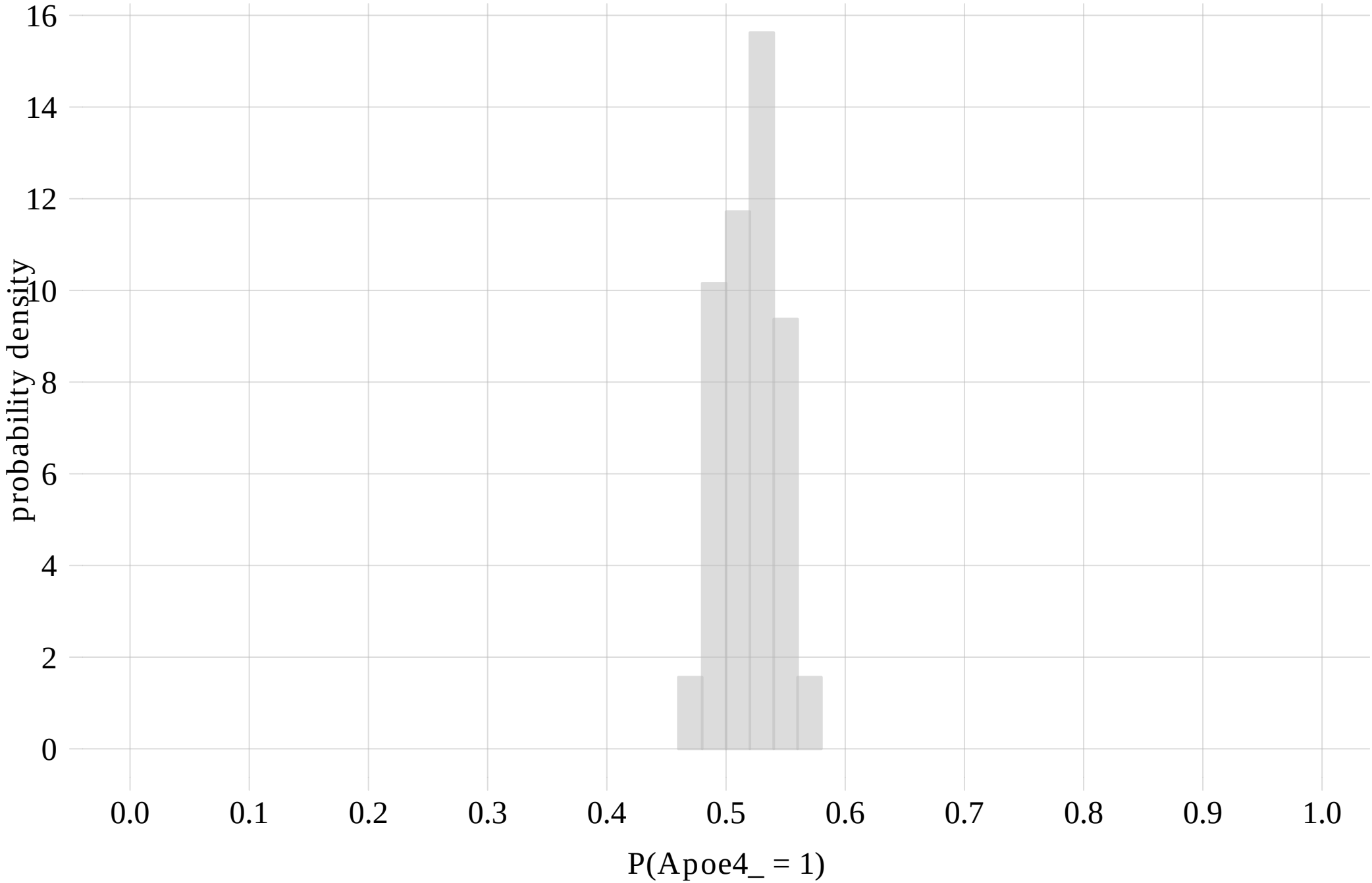

0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Subgroup_num_

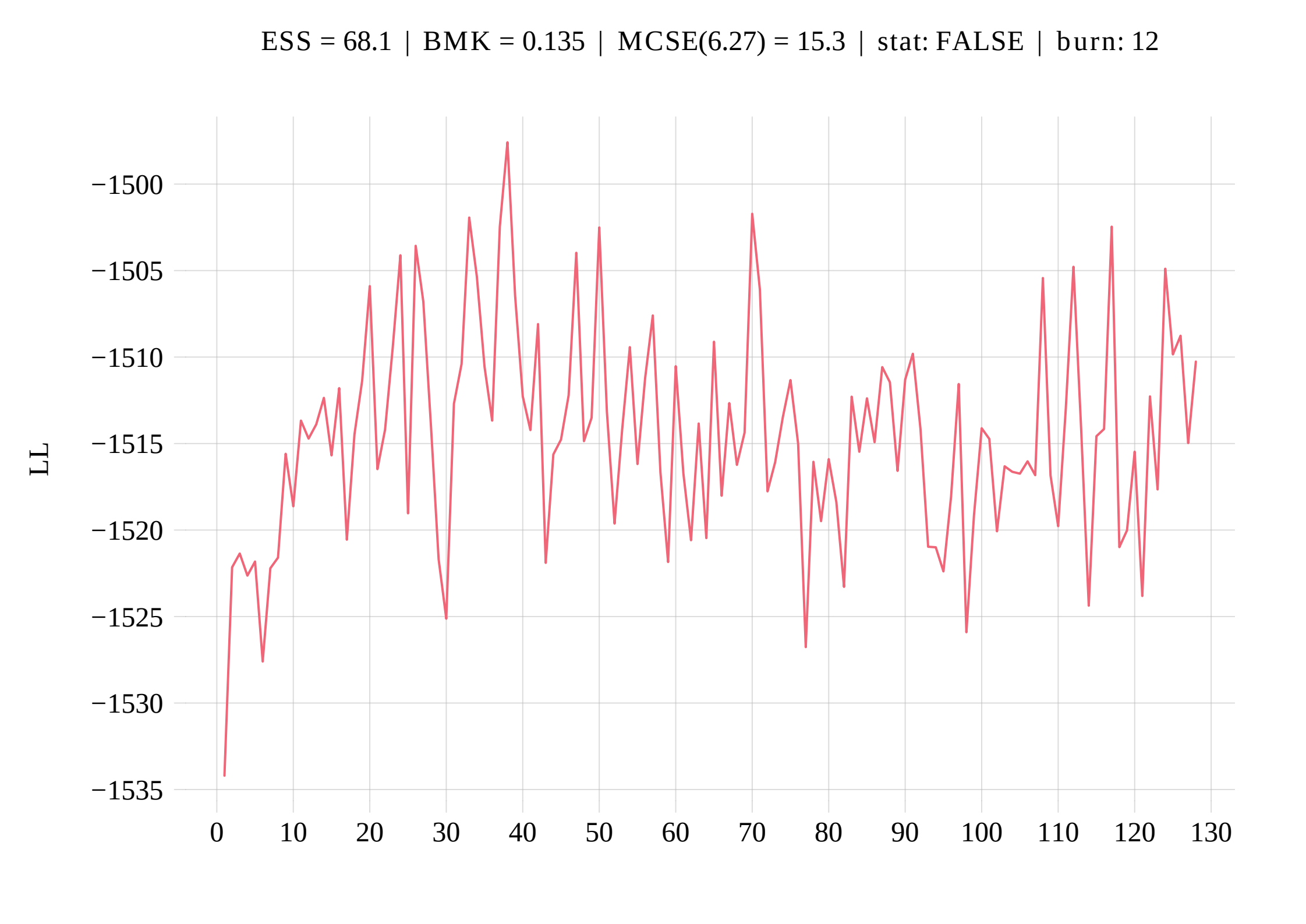

probability density
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Subgroup_num_ = 1)

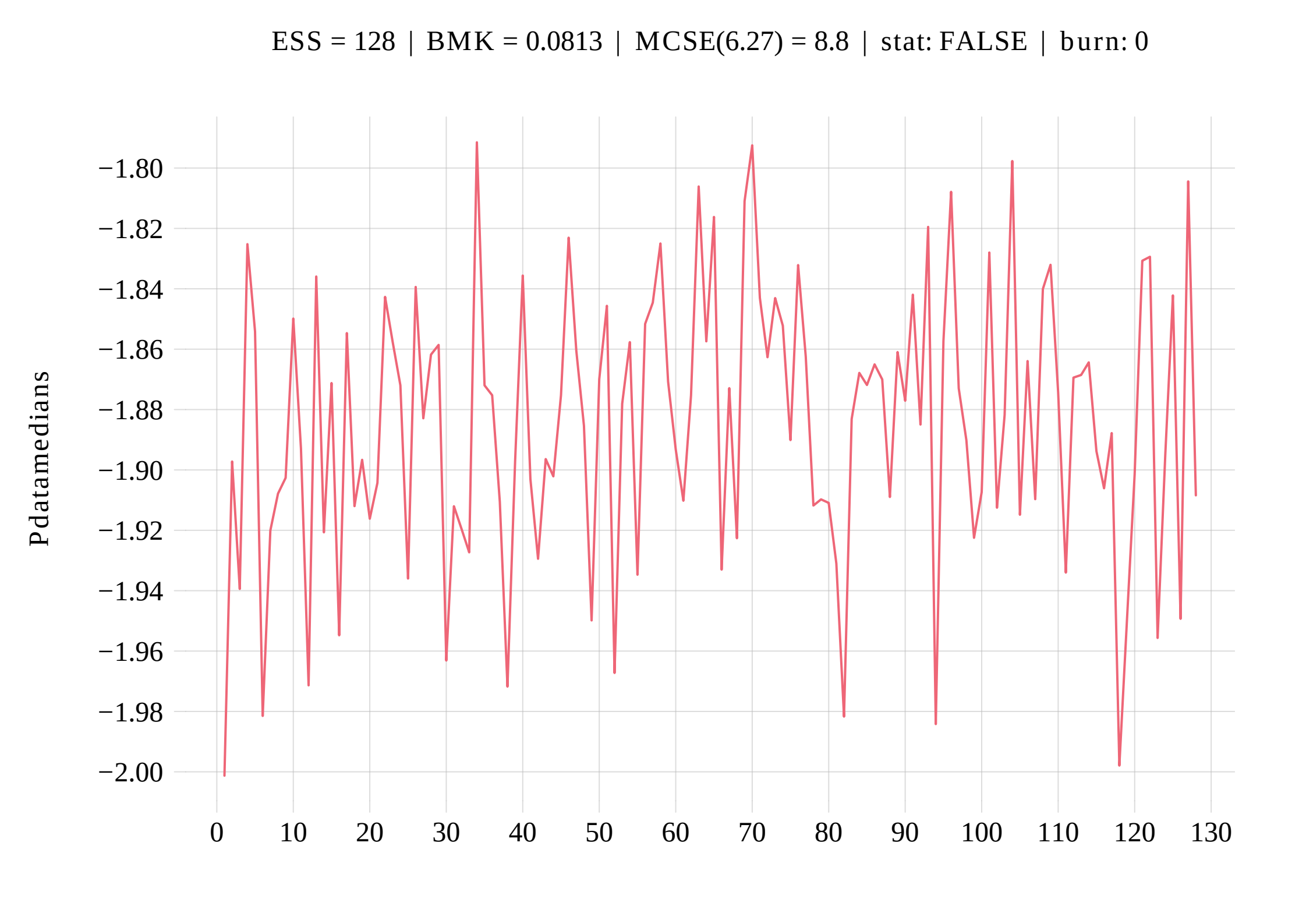

0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Gender_num_

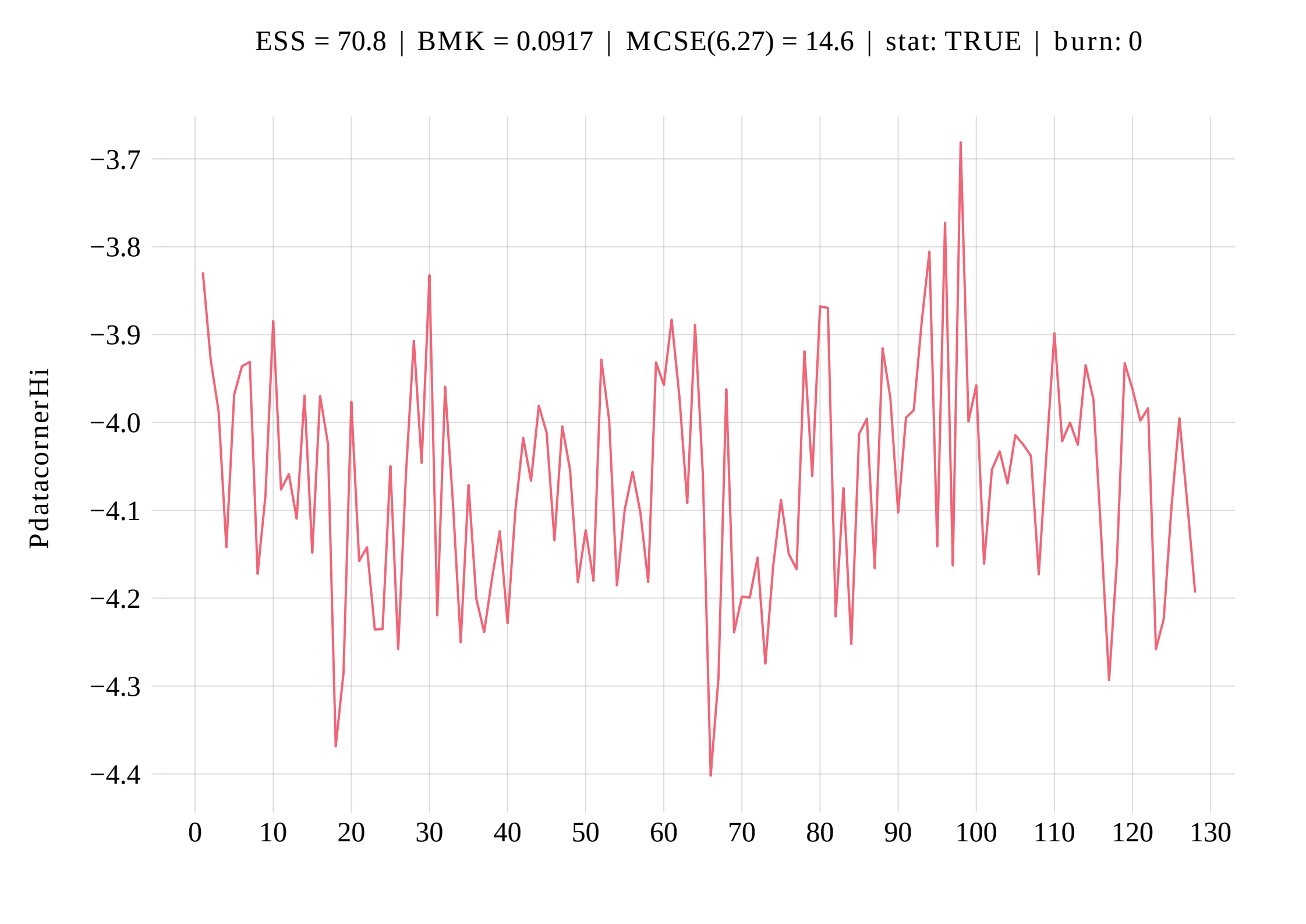

probability density
20
18
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Gender_num_ = 1)

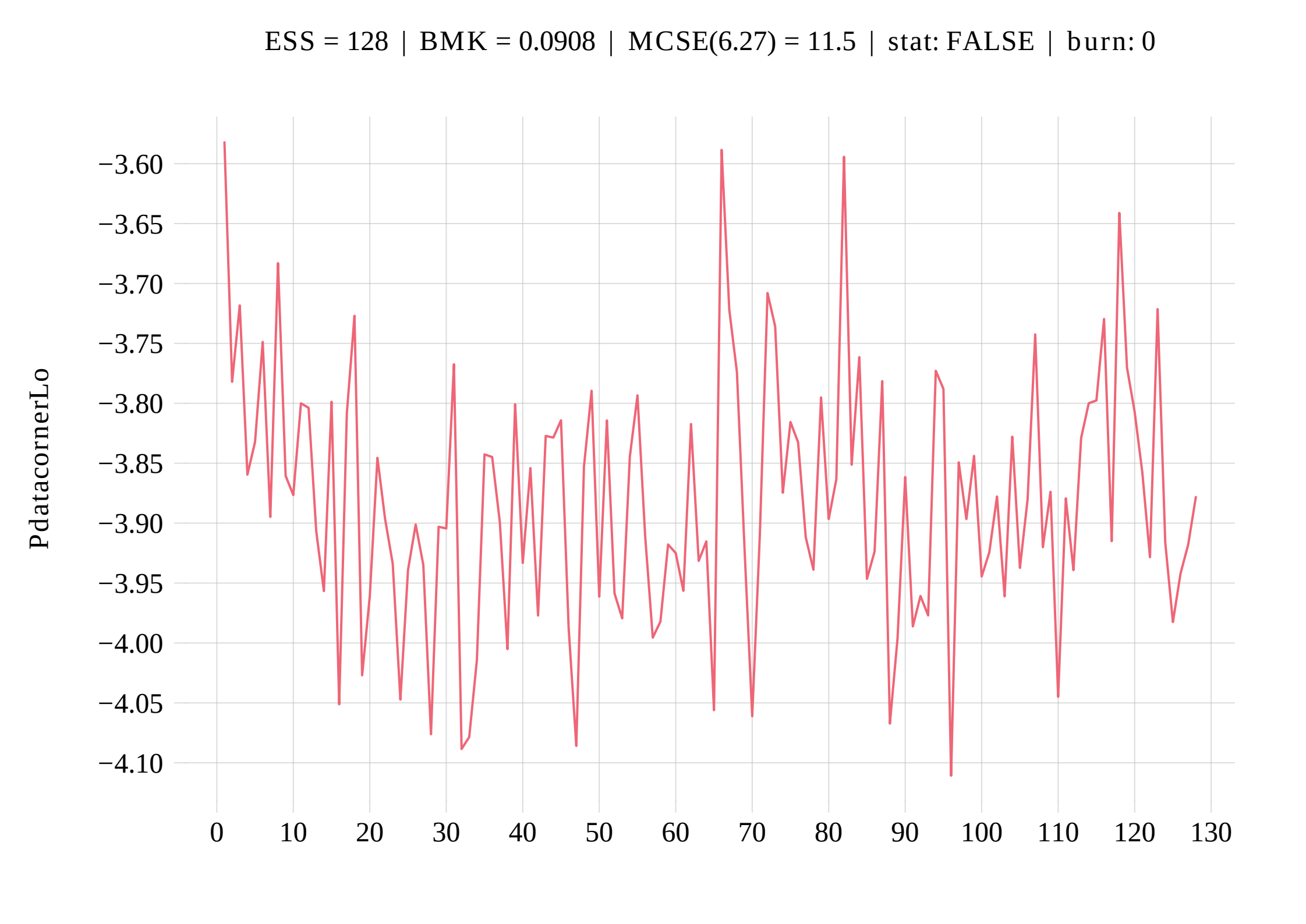

0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Apoe4_

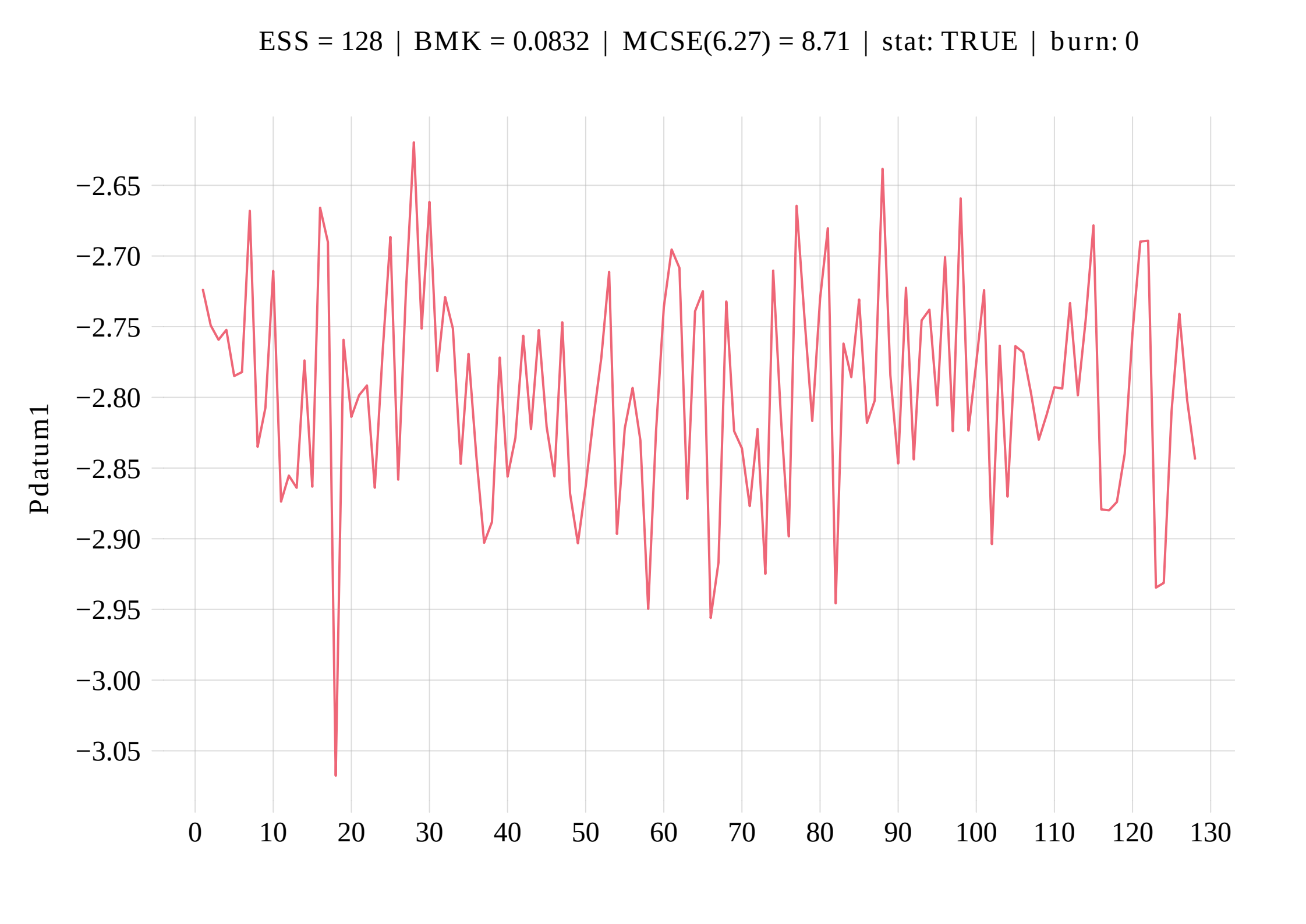

16
14
12
10
8
6
4
2
0
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Apoe4_ = 1)

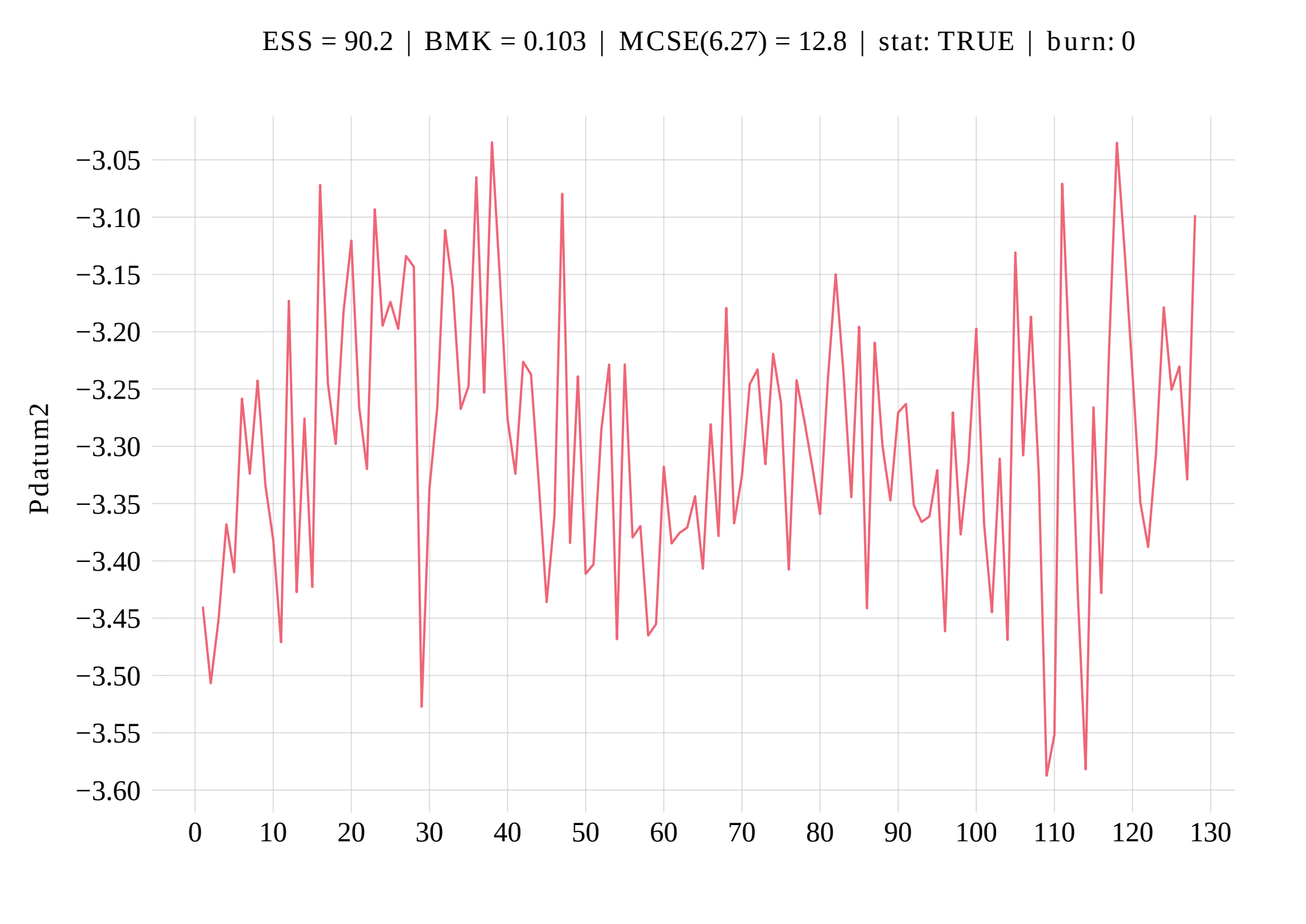

ESS = 68.1 | BMK = 0.135 | MCSE(6.27) = 15.3 | stat: FALSE | burn: 12
LL
−1500
−1505
−1510
−1515
−1520
−1525
−1530
−1535
0
10
20
30
40
50
60
70
80
90
100
110
120
130

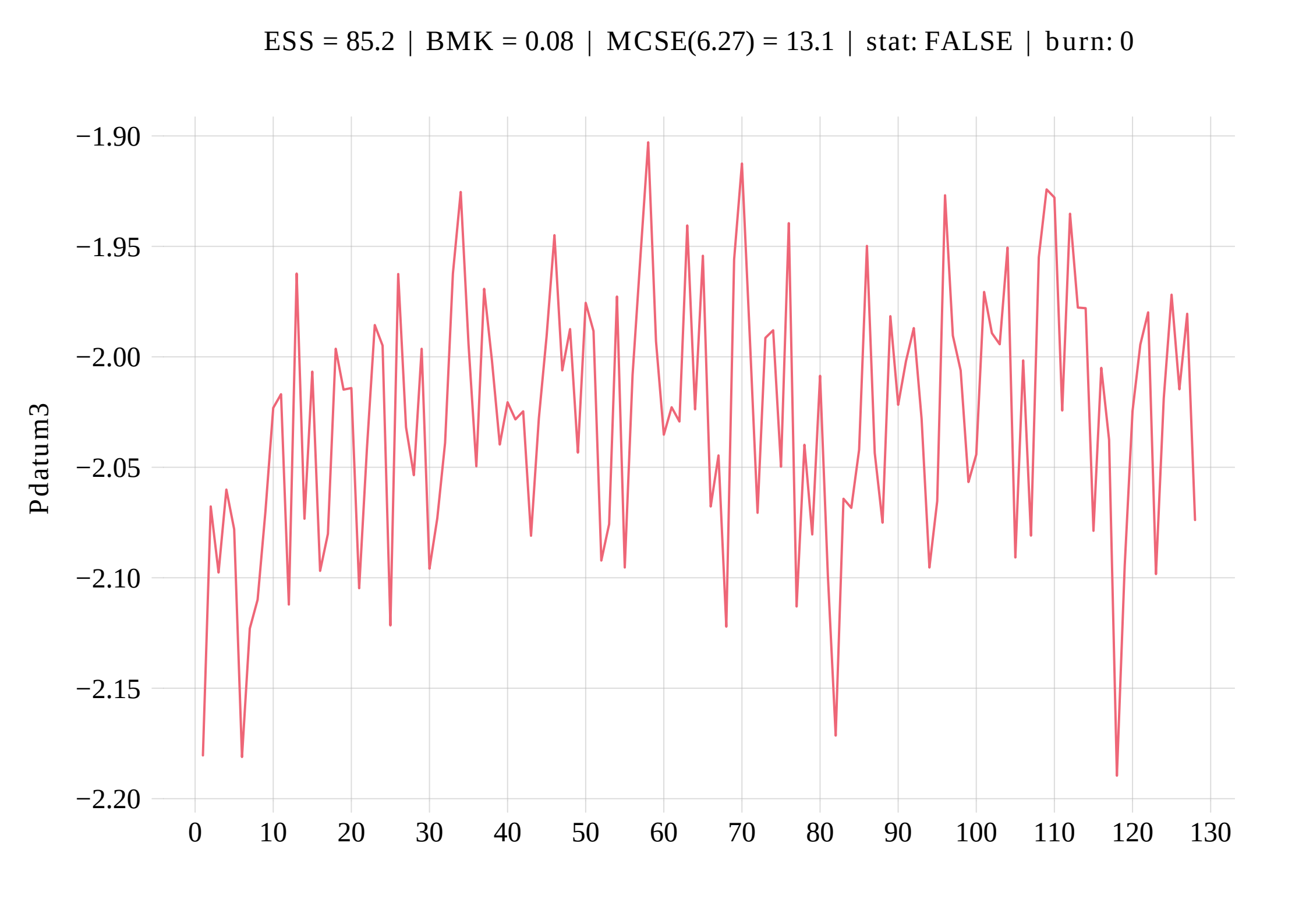

ESS = 128 | BMK = 0.0813 | MCSE(6.27) = 8.8 | stat: FALSE | burn: 0
Pdatamedians
−1.80
−1.82
−1.84
−1.86
−1.88
−1.90
−1.92
−1.94
−1.96
−1.98
−2.00
0
10
20
30
40
50
60
70
80
90
100
110
120
130

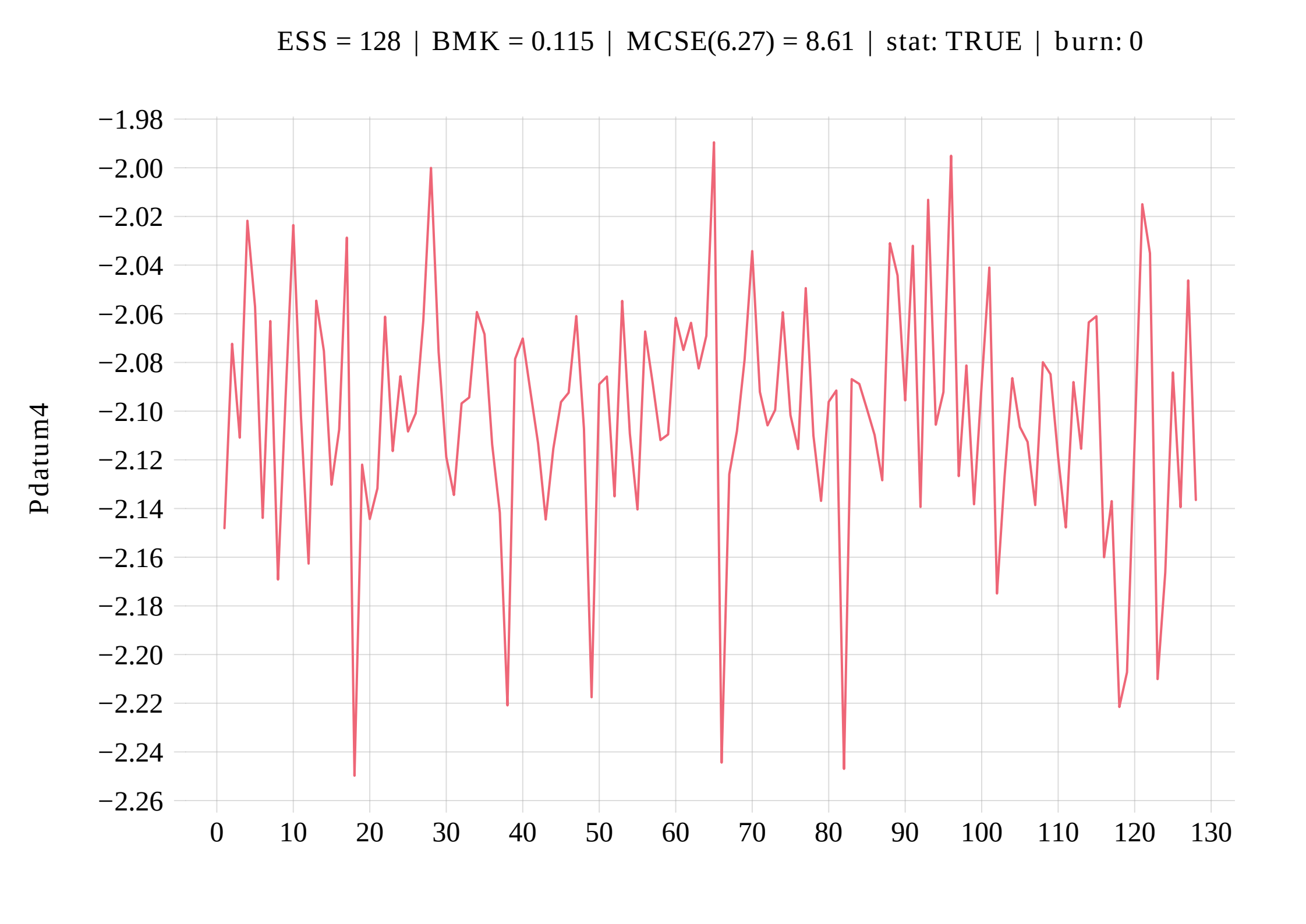

ESS = 70.8 | BMK = 0.0917 | MCSE(6.27) = 14.6 | stat: TRUE | burn: 0
PdatacornerHi
−3.7
−3.8
−3.9
−4.0
−4.1
−4.2
−4.3
−4.4
0
10
20
30
40
50
60
70
80
90
100
110
120
130

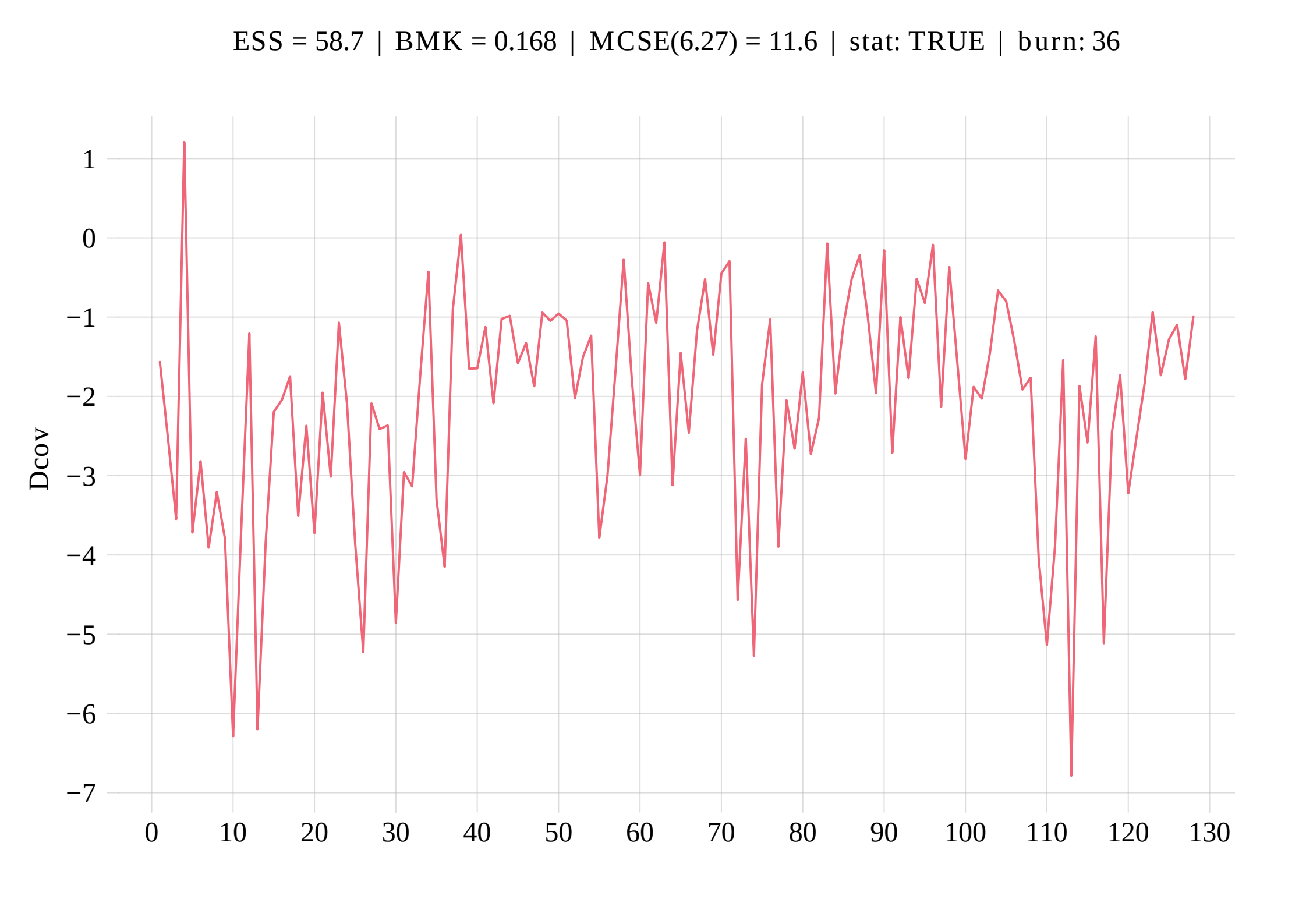

ESS = 128 | BMK = 0.0908 | MCSE(6.27) = 11.5 | stat: FALSE | burn: 0
PdatacornerLo
−3.60
−3.65
−3.70
−3.75
−3.80
−3.85
−3.90
−3.95
−4.00
−4.05
−4.10
0
10
20
30
40
50
60
70
80
90
100
110
120
130

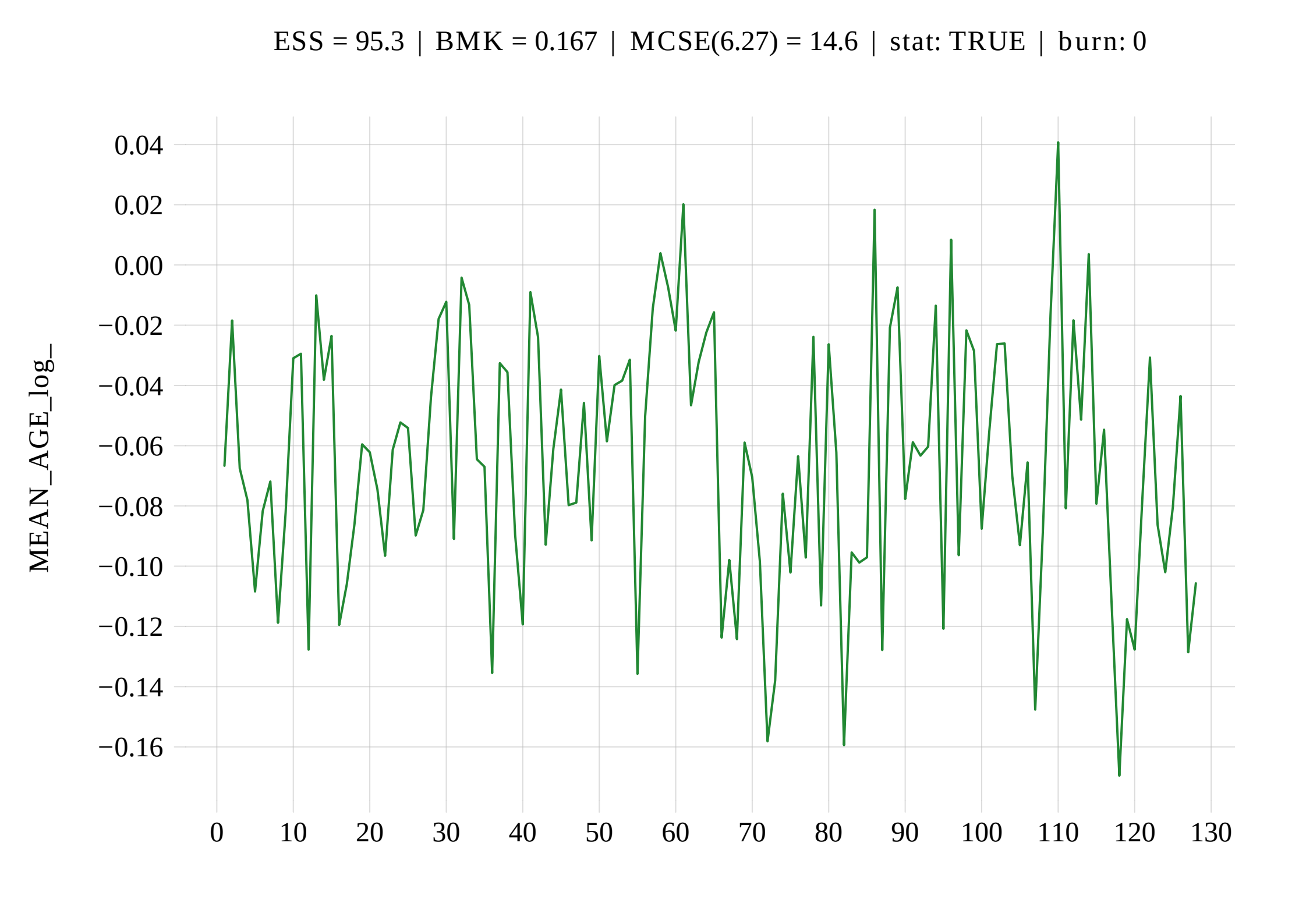

ESS = 128 | BMK = 0.0832 | MCSE(6.27) = 8.71 | stat: TRUE | burn: 0
Pdatum1
−2.65
−2.70
−2.75
−2.80
−2.85
−2.90
−2.95
−3.00
−3.05
0
10
20
30
40
50
60
70
80
90
100
110
120
130

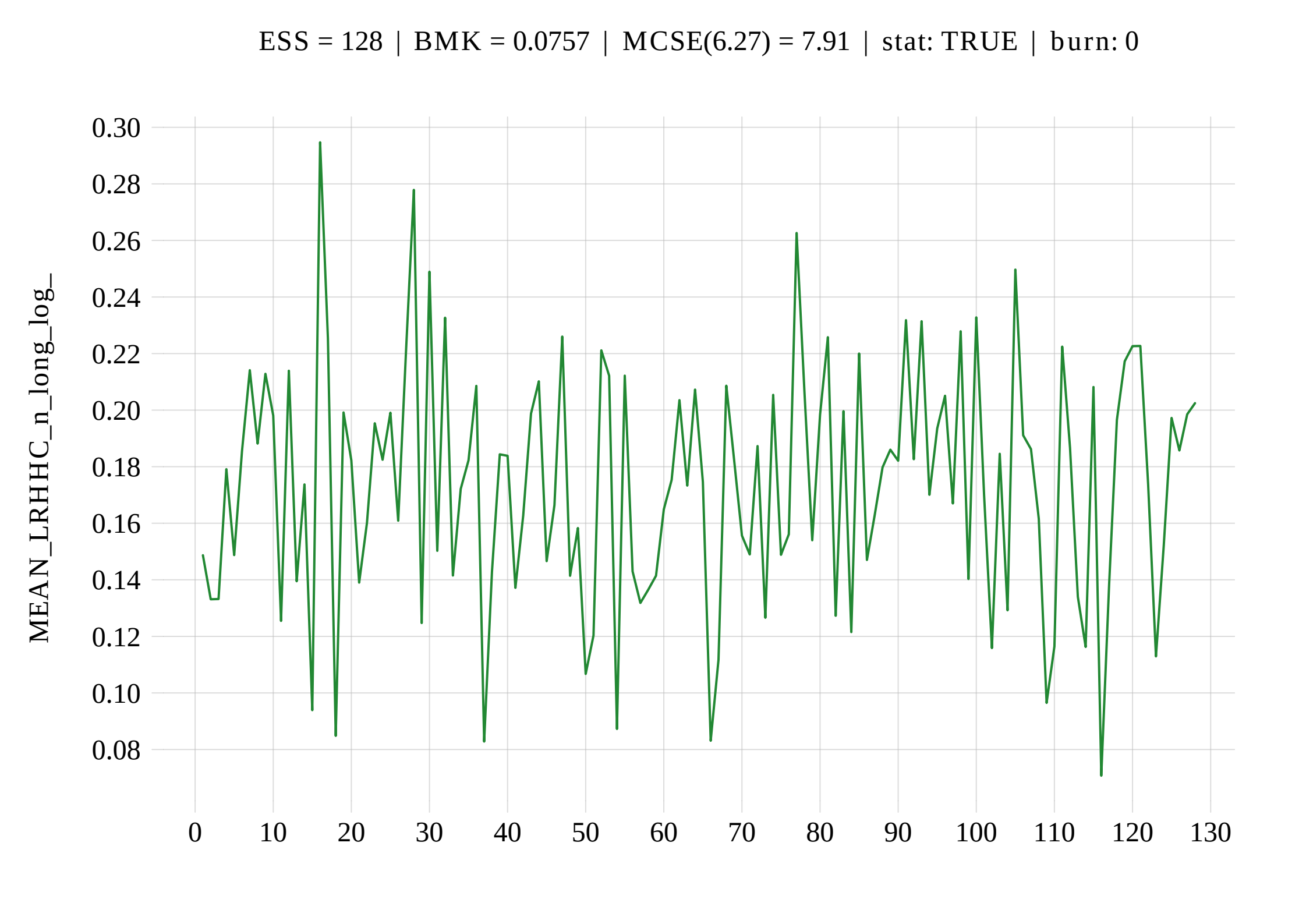

ESS = 90.2 | BMK = 0.103 | MCSE(6.27) = 12.8 | stat: TRUE | burn: 0
Pdatum2
−3.05
−3.10
−3.15
−3.20
−3.25
−3.30
−3.35
−3.40
−3.45
−3.50
−3.55
−3.60
0
10
20
30
40
50
60
70
80
90
100
110
120
130

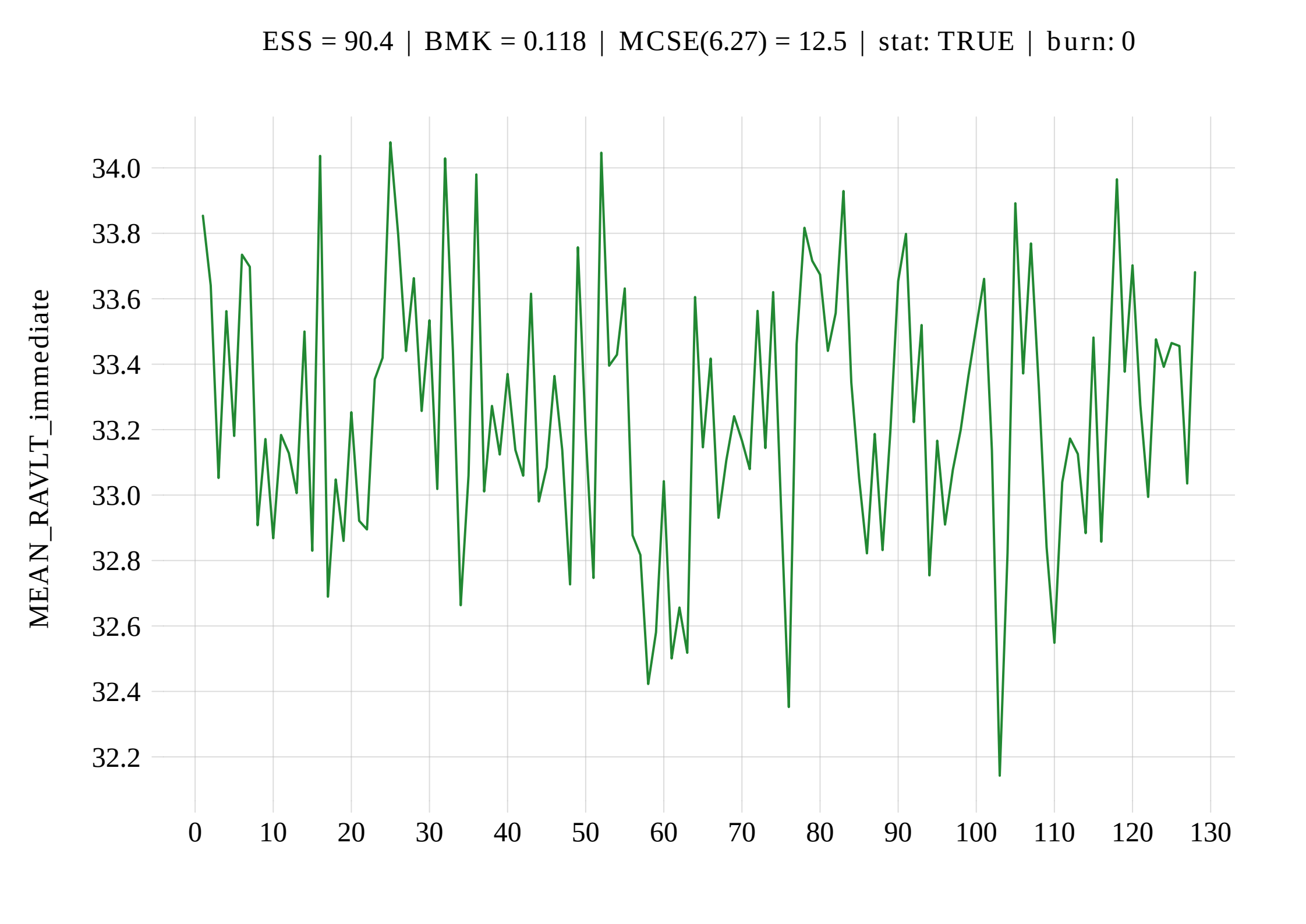

ESS = 85.2 | BMK = 0.08 | MCSE(6.27) = 13.1 | stat: FALSE | burn: 0
Pdatum3
−1.90
−1.95
−2.00
−2.05
−2.10
−2.15
−2.20
0
10
20
30
40
50
60
70
80
90
100
110
120
130

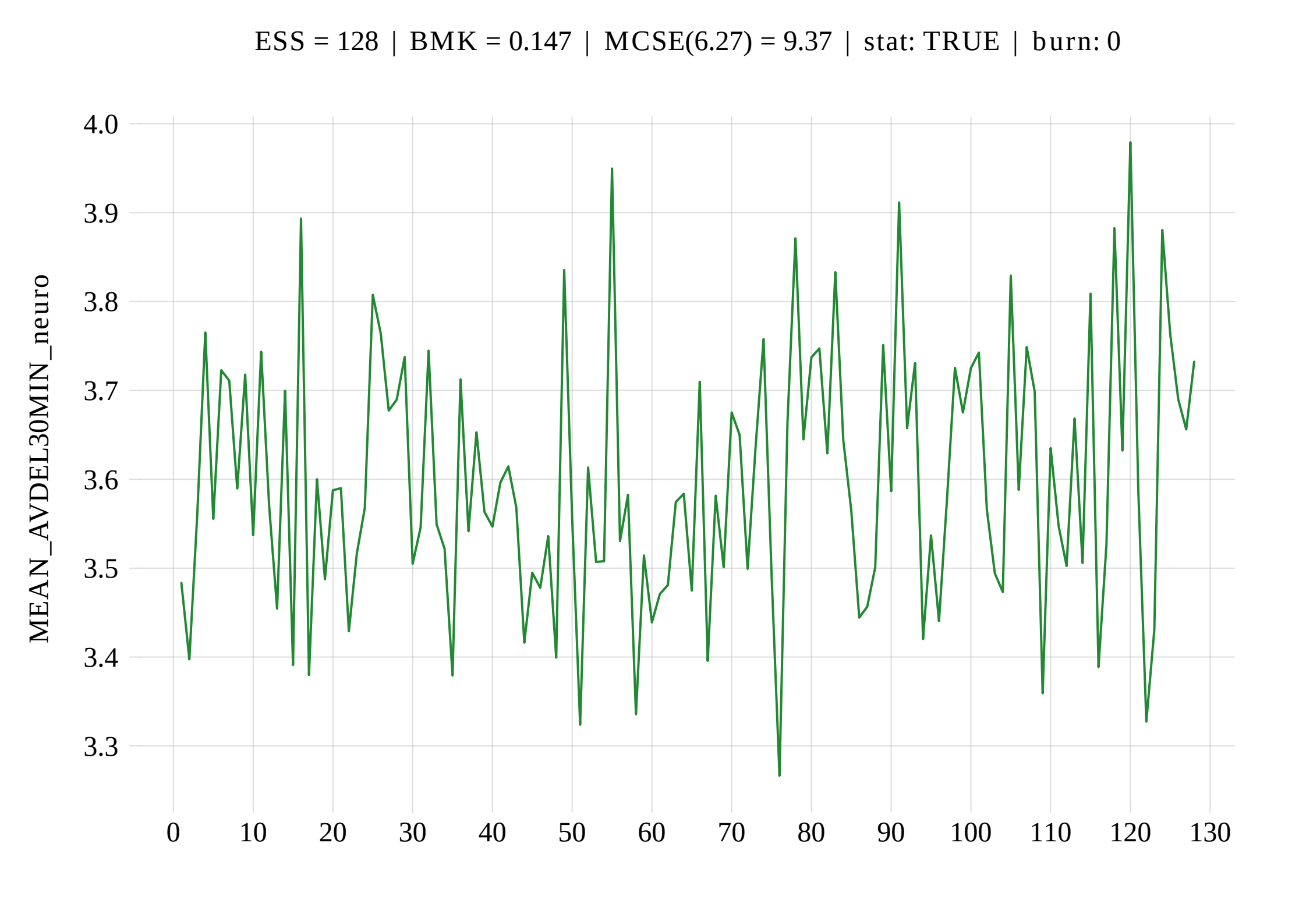

ESS = 128 | BMK = 0.115 | MCSE(6.27) = 8.61 | stat: TRUE | burn: 0
Pdatum4
−1.98
−2.00
−2.02
−2.04
−2.06
−2.08
−2.10
−2.12
−2.14
−2.16
−2.18
−2.20
−2.22
−2.24
−2.26
0
10
20
30
40
50
60
70
80
90
100
110
120
130

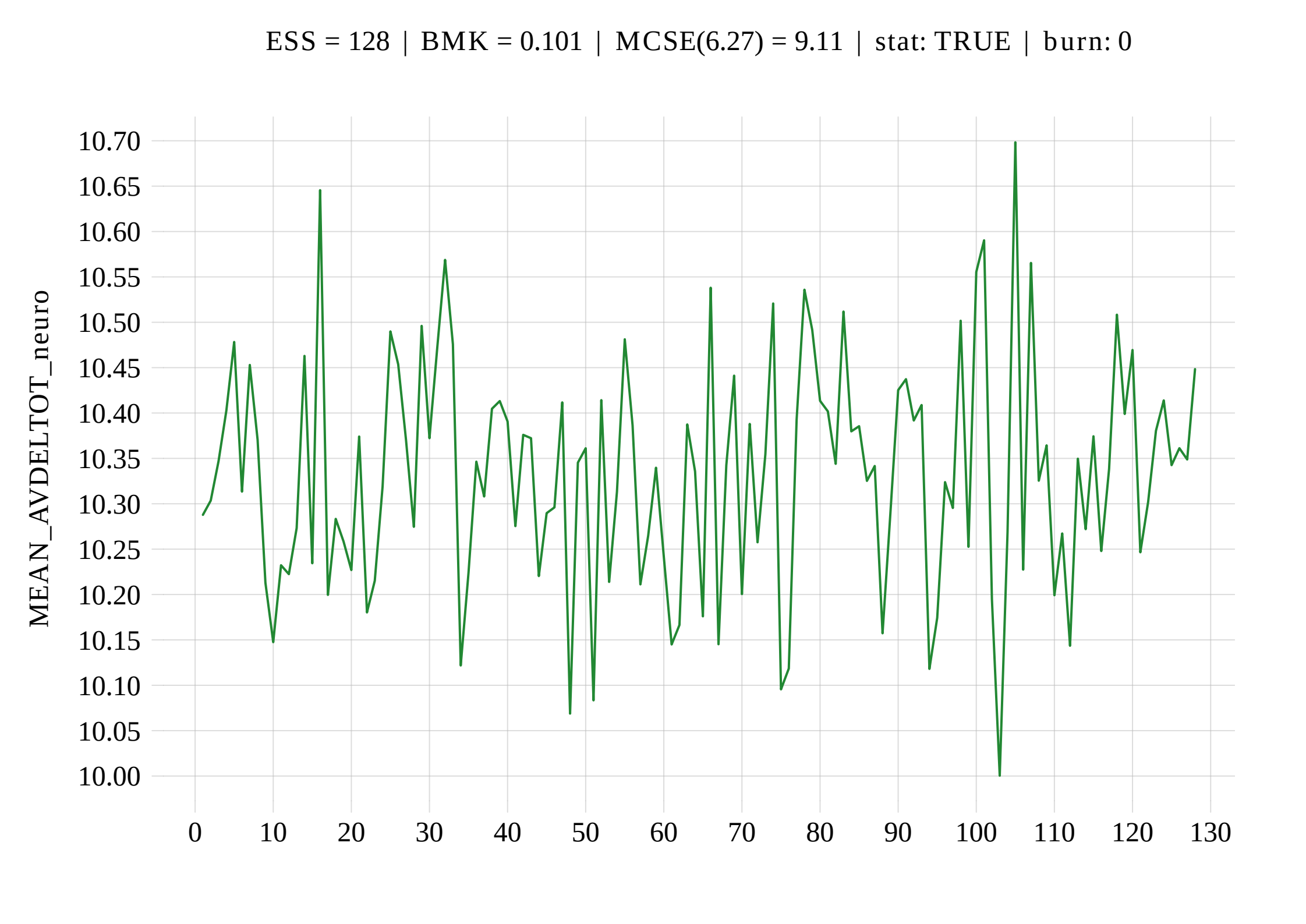

ESS = 58.7 | BMK = 0.168 | MCSE(6.27) = 11.6 | stat: TRUE | burn: 36
Dcov
1
0
−1
−2
−3
−4
−5
−6
−7
0
10
20
30
40
50
60
70
80
90
100
110
120
130

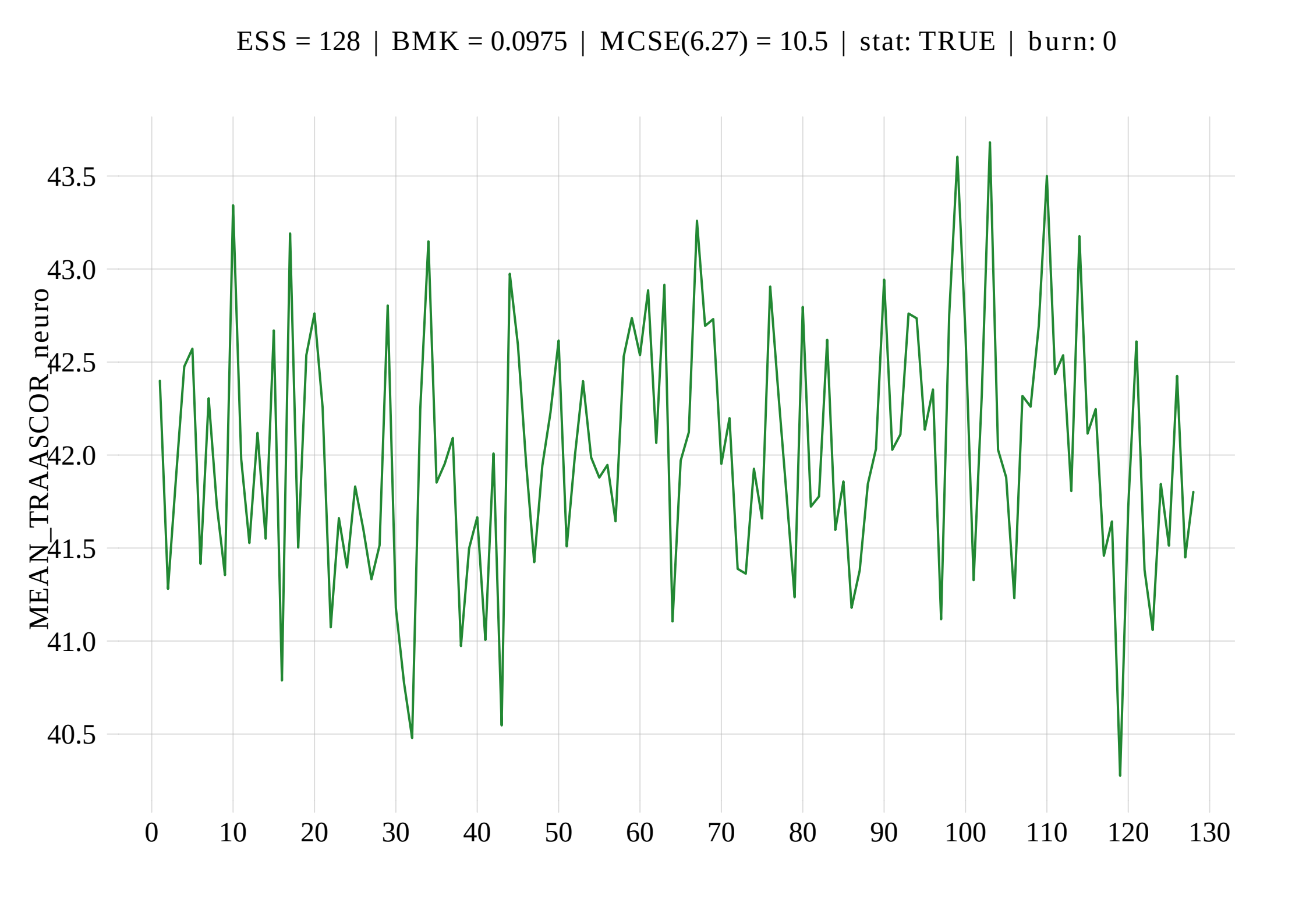

ESS = 95.3 | BMK = 0.167 | MCSE(6.27) = 14.6 | stat: TRUE | burn: 0
MEAN_AGE_log_
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
−0.16
0
10
20
30
40
50
60
70
80
90
100
110
120
130

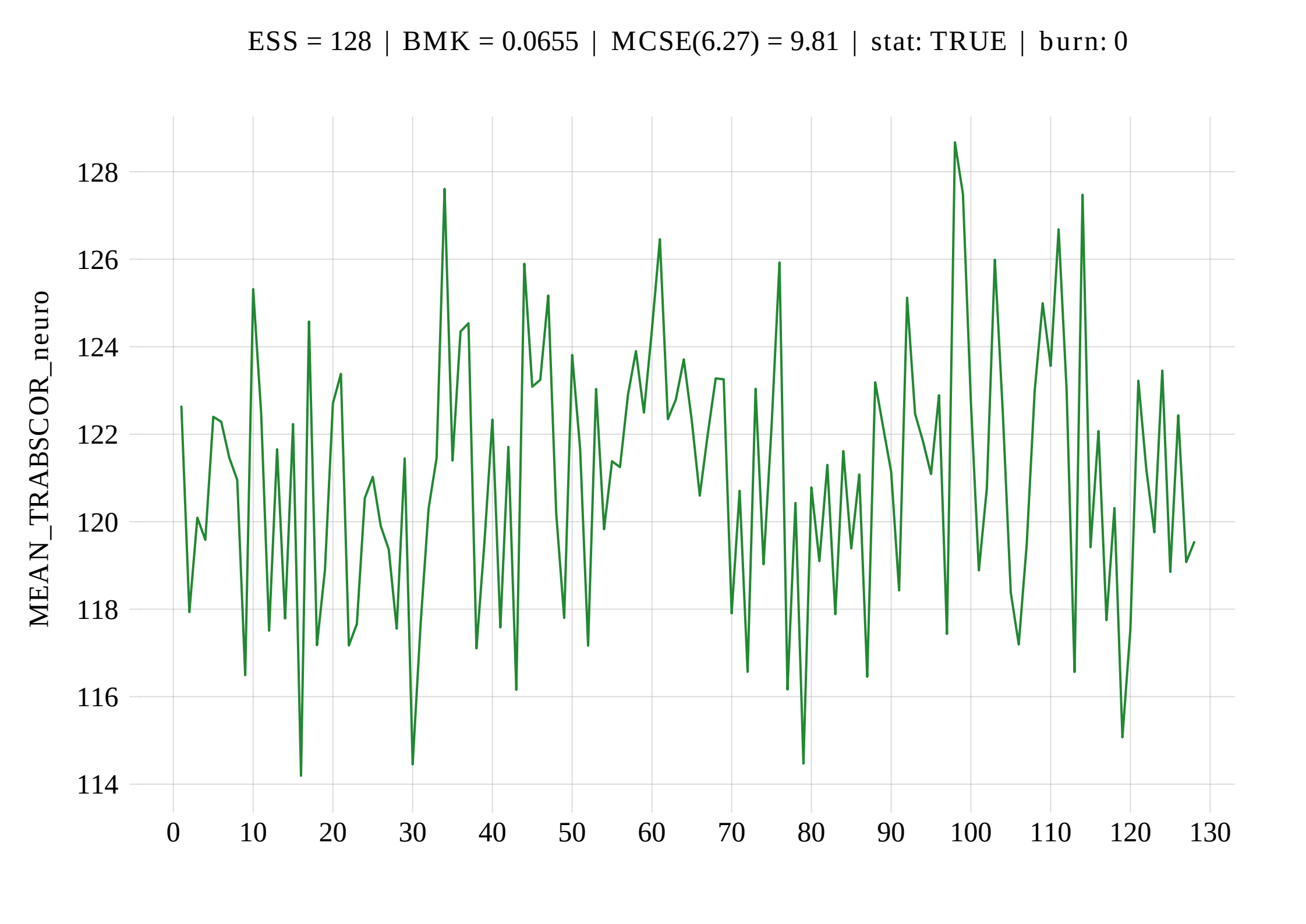

ESS = 128 | BMK = 0.0757 | MCSE(6.27) = 7.91 | stat: TRUE | burn: 0
MEAN_LRHHC_n_long_log_
0.30
0.28
0.26
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0
10
20
30
40
50
60
70
80
90
100
110
120
130

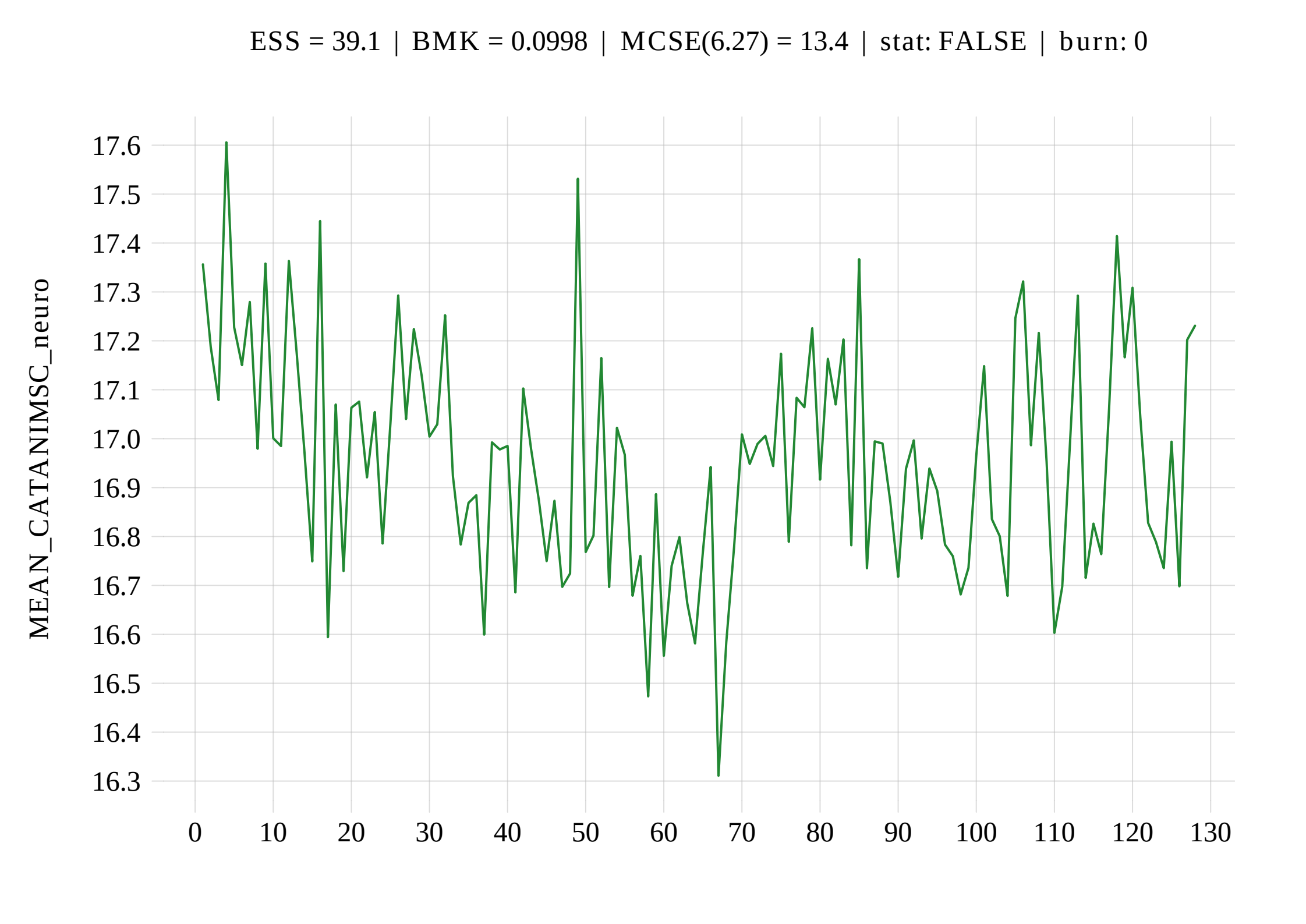

ESS = 90.4 | BMK = 0.118 | MCSE(6.27) = 12.5 | stat: TRUE | burn: 0
MEAN_RAVLT_immediate
34.0
33.8
33.6
33.4
33.2
33.0
32.8
32.6
32.4
32.2
0
10
20
30
40
50
60
70
80
90
100
110
120
130

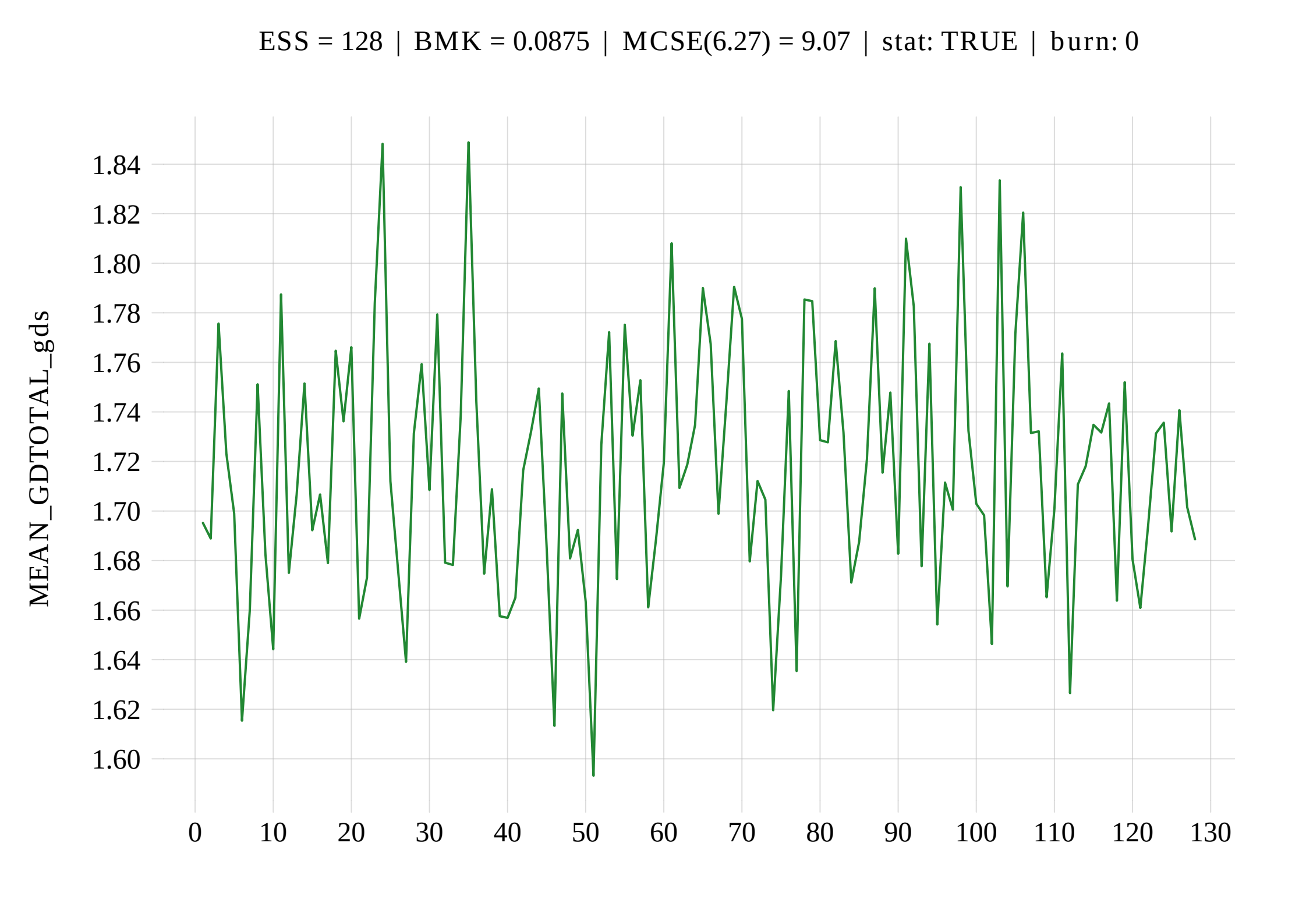

ESS = 128 | BMK = 0.147 | MCSE(6.27) = 9.37 | stat: TRUE | burn: 0
MEAN_AVDEL30MIN_neuro
4.0
3.9
3.8
3.7
3.6
3.5
3.4
3.3
0
10
20
30
40
50
60
70
80
90
100
110
120
130

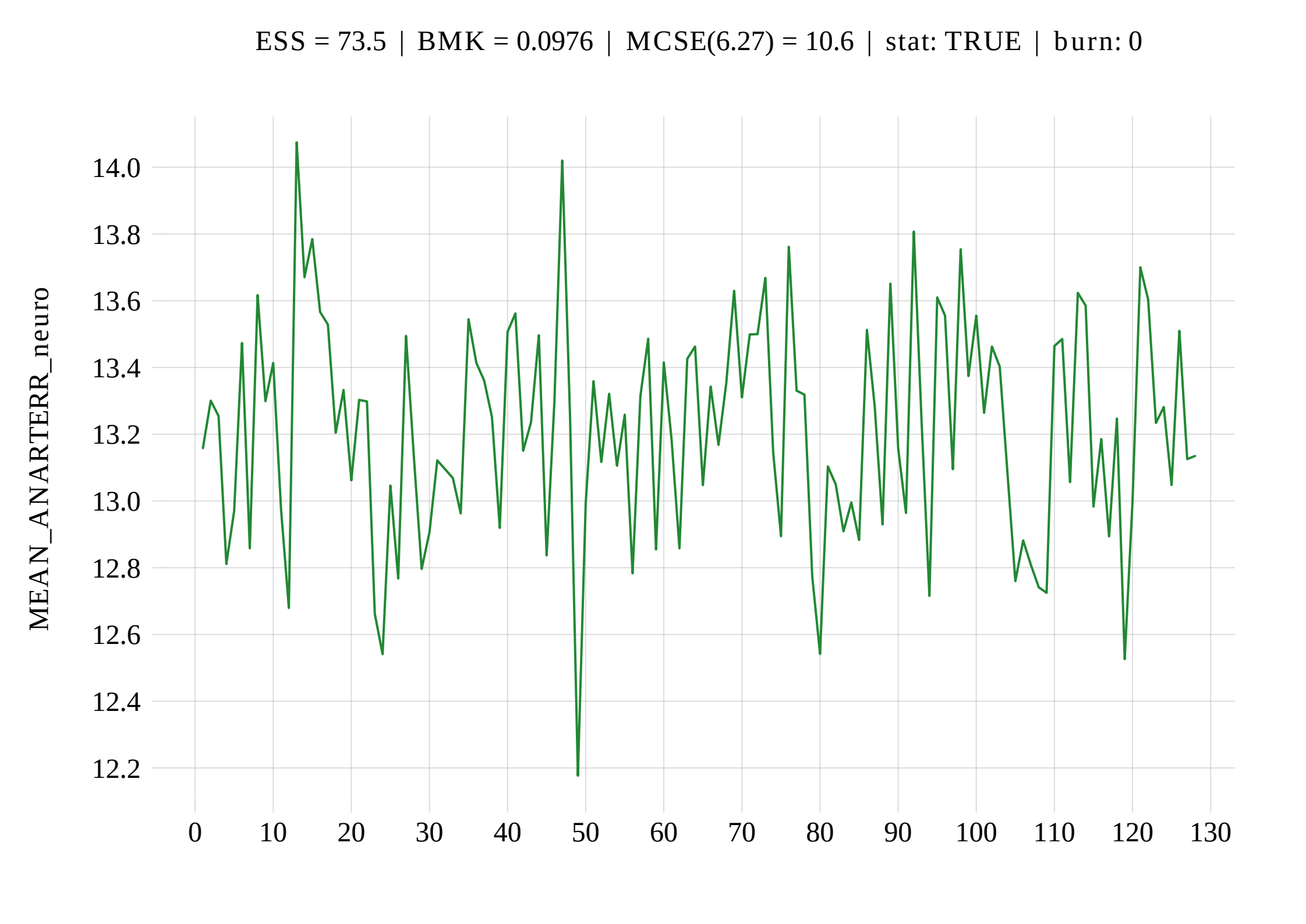

ESS = 128 | BMK = 0.101 | MCSE(6.27) = 9.11 | stat: TRUE | burn: 0
MEAN_AVDELTOT_neuro
10.70
10.65
10.60
10.55
10.50
10.45
10.40
10.35
10.30
10.25
10.20
10.15
10.10
10.05
10.00
0
10
20
30
40
50
60
70
80
90
100
110
120
130

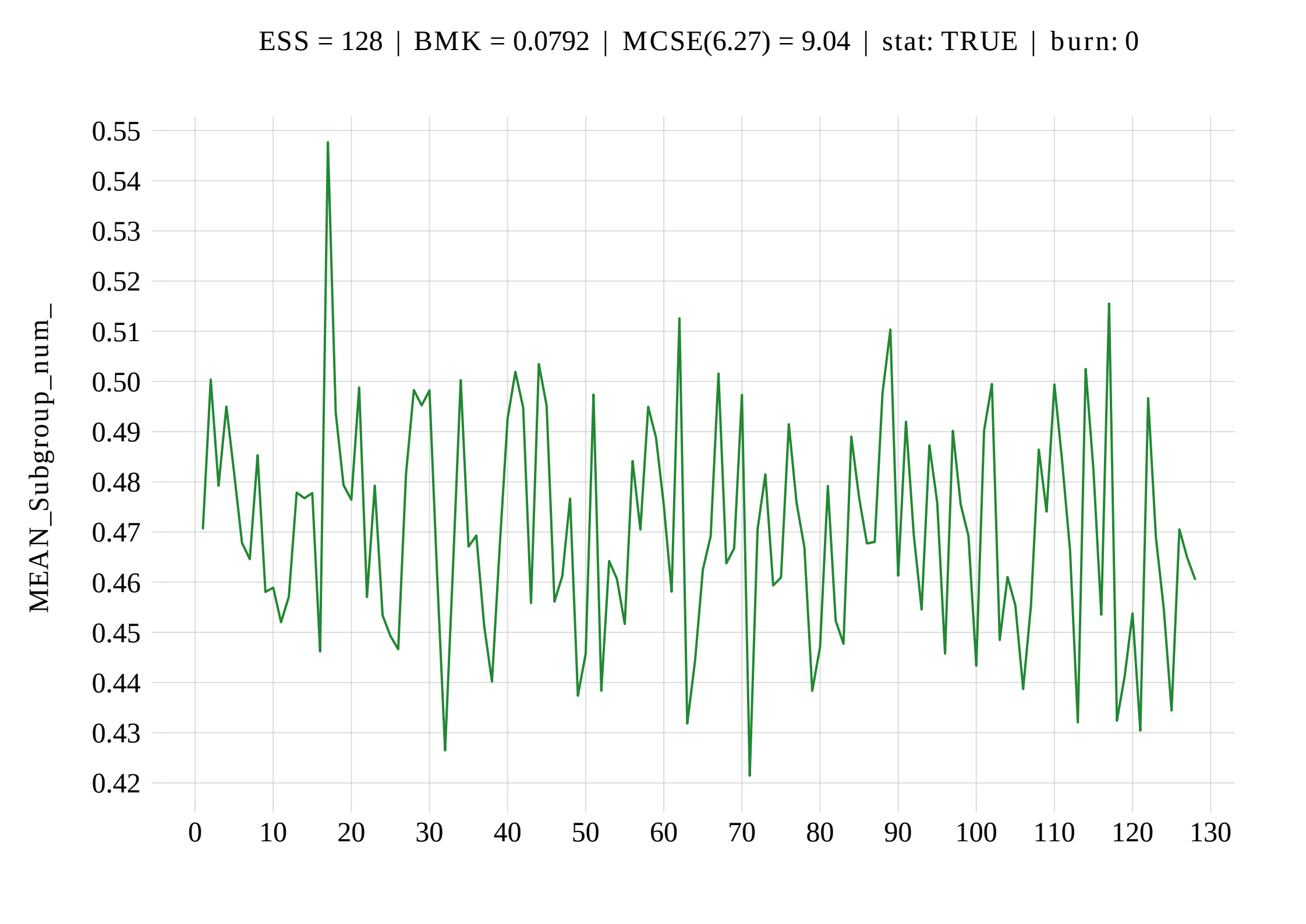

ESS = 128 | BMK = 0.0975 | MCSE(6.27) = 10.5 | stat: TRUE | burn: 0
MEAN_TRAASCOR_neuro
43.5
43.0
42.5
42.0
41.5
41.0
40.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

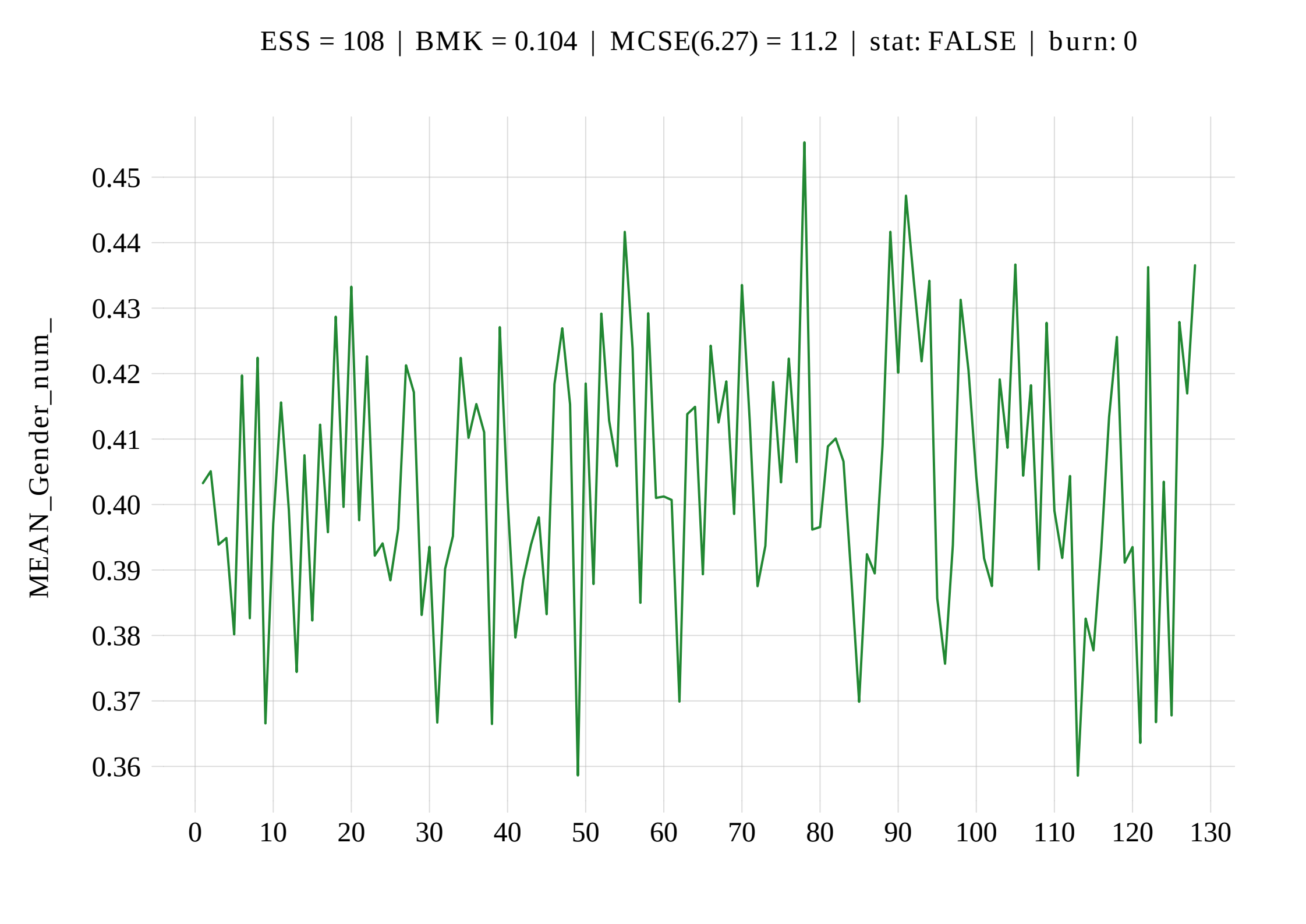

ESS = 128 | BMK = 0.0655 | MCSE(6.27) = 9.81 | stat: TRUE | burn: 0
MEAN_TRABSCOR_neuro
128
126
124
122
120
118
116
114
0
10
20
30
40
50
60
70
80
90
100
110
120
130

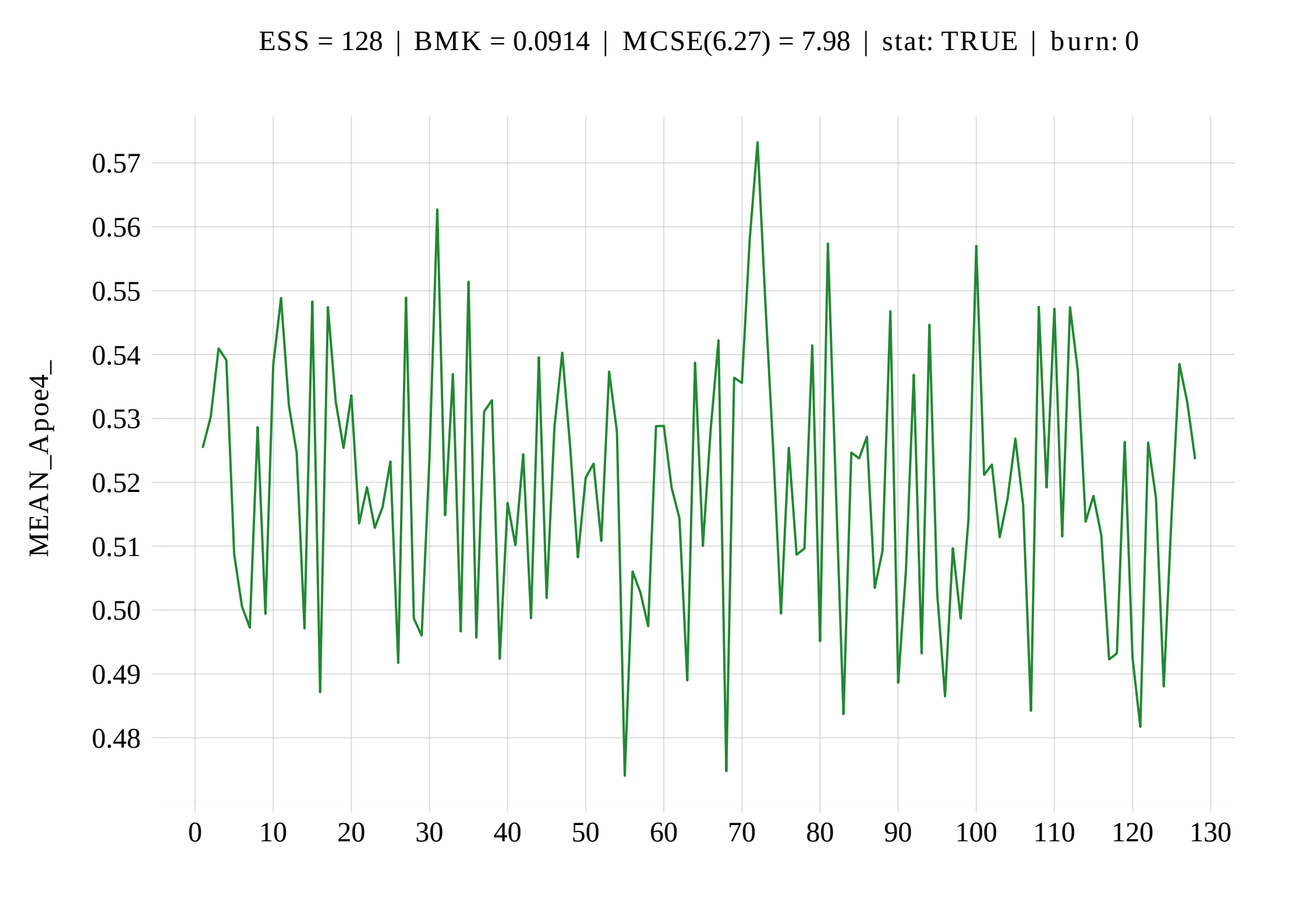

ESS = 39.1 | BMK = 0.0998 | MCSE(6.27) = 13.4 | stat: FALSE | burn: 0
MEAN_CATANIMSC_neuro
17.6
17.5
17.4
17.3
17.2
17.1
17.0
16.9
16.8
16.7
16.6
16.5
16.4
16.3
0
10
20
30
40
50
60
70
80
90
100
110
120
130

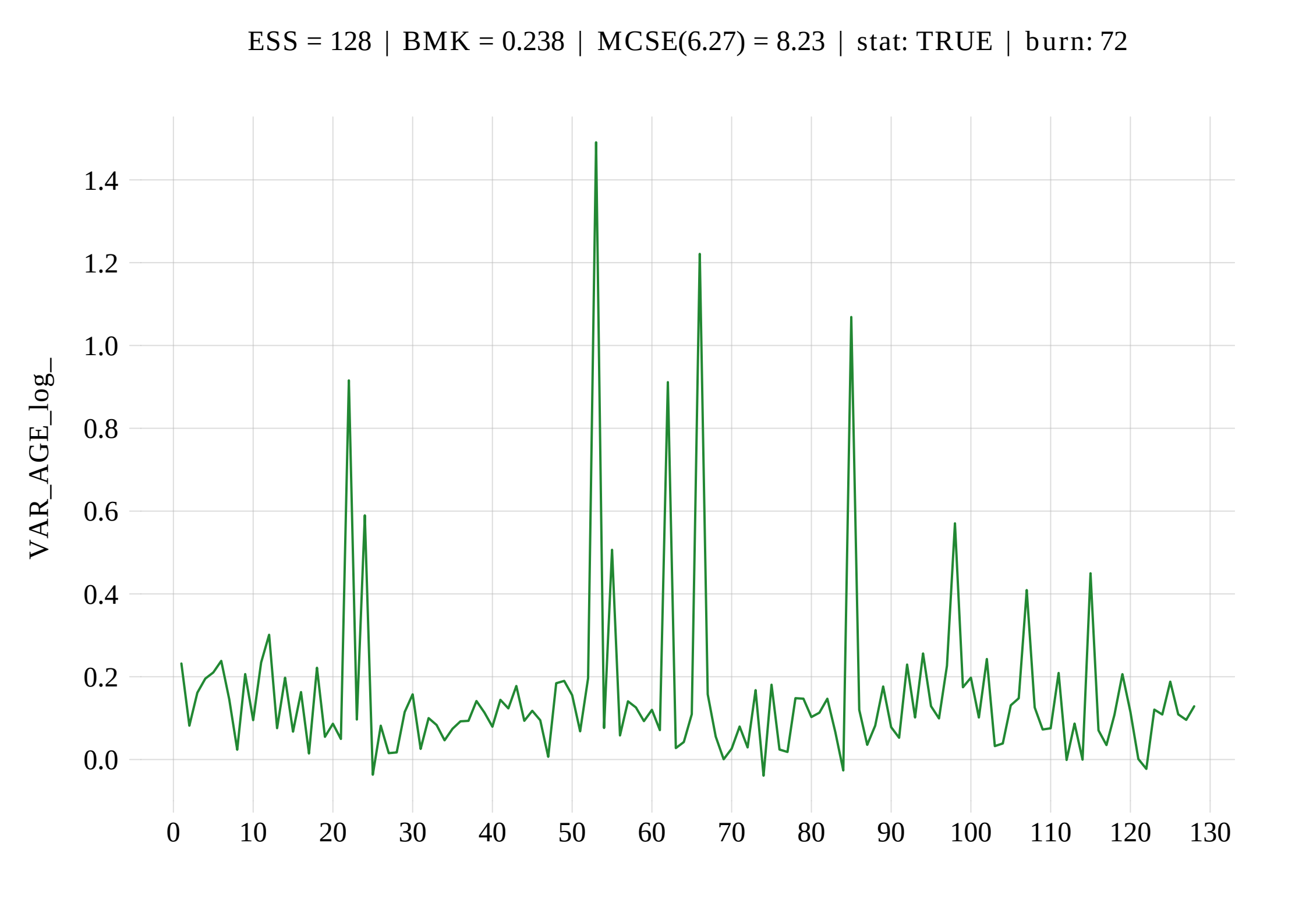

ESS = 128 | BMK = 0.0875 | MCSE(6.27) = 9.07 | stat: TRUE | burn: 0
MEAN_GDTOTAL_gds
1.84
1.82
1.80
1.78
1.76
1.74
1.72
1.70
1.68
1.66
1.64
1.62
1.60
0
10
20
30
40
50
60
70
80
90
100
110
120
130

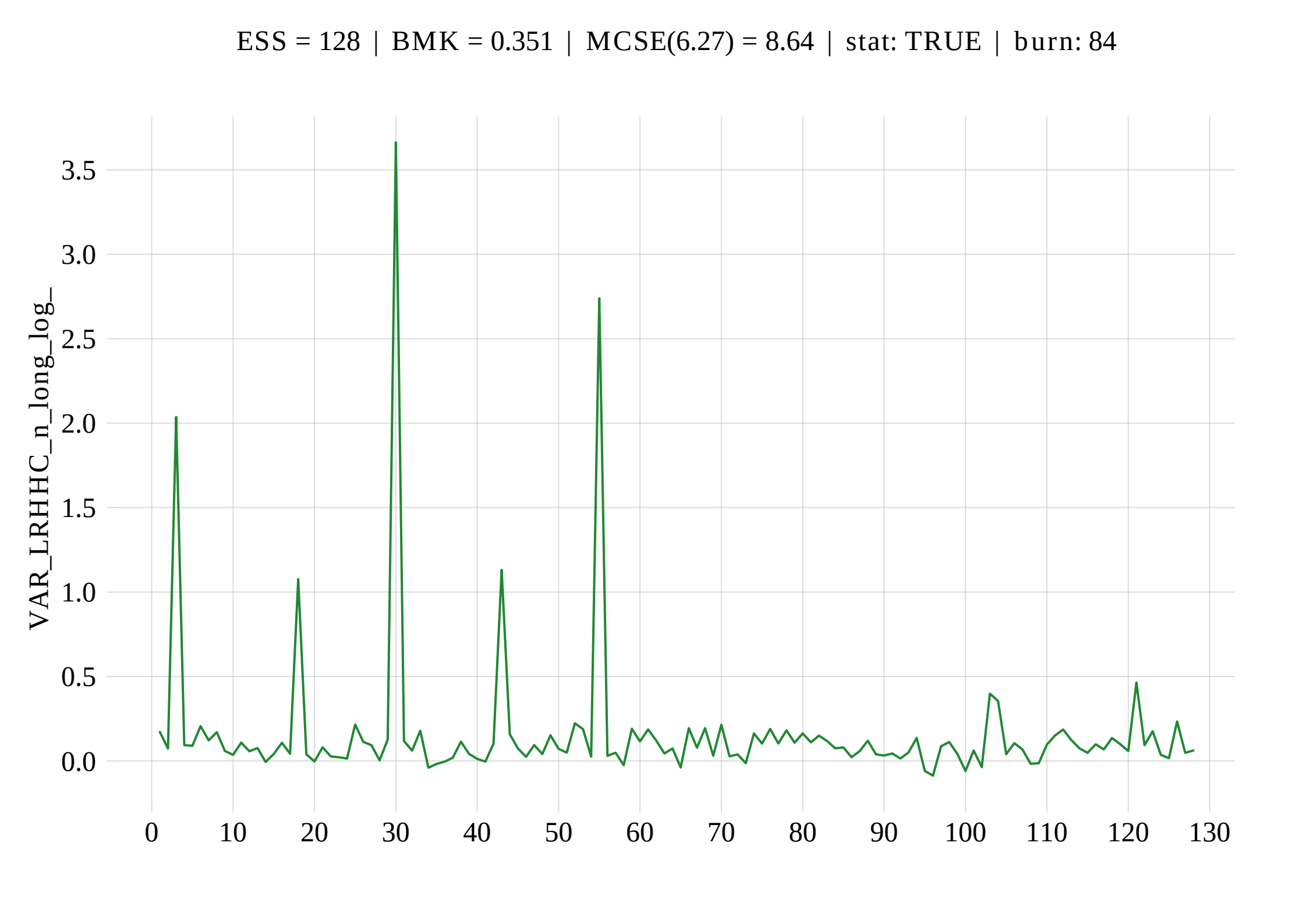

ESS = 73.5 | BMK = 0.0976 | MCSE(6.27) = 10.6 | stat: TRUE | burn: 0
MEAN_ANARTERR_neuro
14.0
13.8
13.6
13.4
13.2
13.0
12.8
12.6
12.4
12.2
0
10
20
30
40
50
60
70
80
90
100
110
120
130

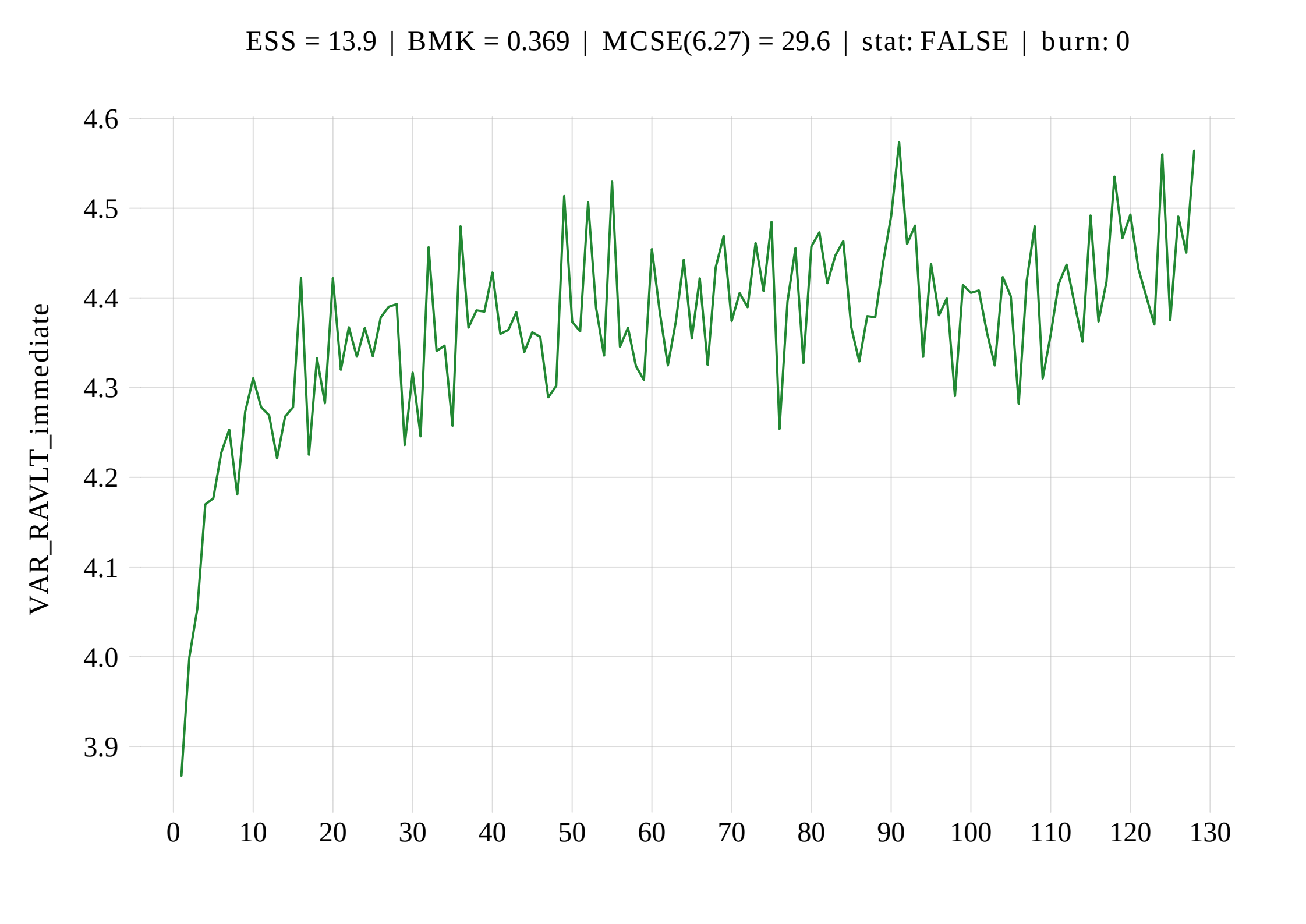

ESS = 128 | BMK = 0.0792 | MCSE(6.27) = 9.04 | stat: TRUE | burn: 0
MEAN_Subgroup_num_
0.55
0.54
0.53
0.52
0.51
0.50
0.49
0.48
0.47
0.46
0.45
0.44
0.43
0.42
0
10
20
30
40
50
60
70
80
90
100
110
120
130

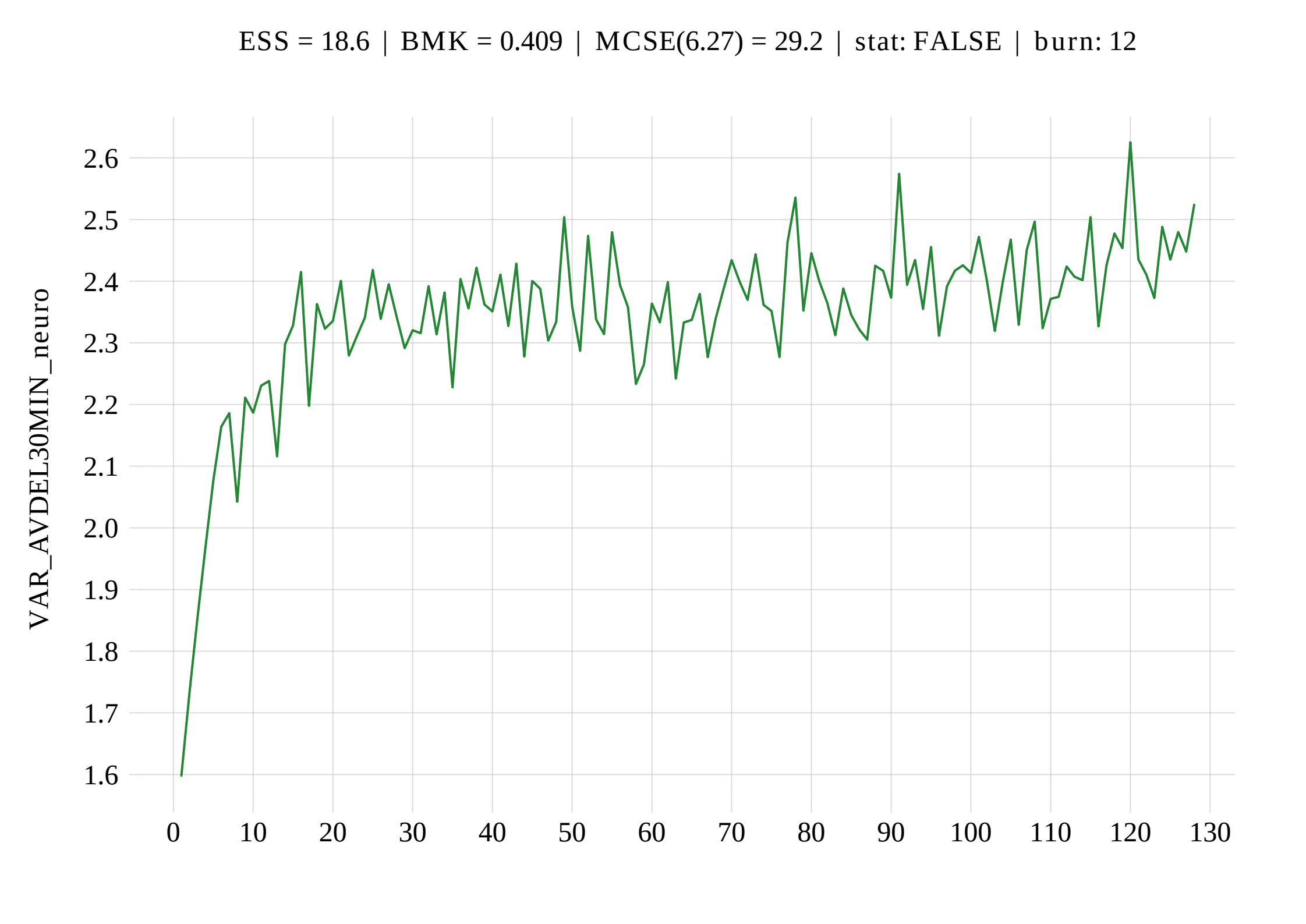

ESS = 108 | BMK = 0.104 | MCSE(6.27) = 11.2 | stat: FALSE | burn: 0
MEAN_Gender_num_
0.45
0.44
0.43
0.42
0.41
0.40
0.39
0.38
0.37
0.36
0
10
20
30
40
50
60
70
80
90
100
110
120
130

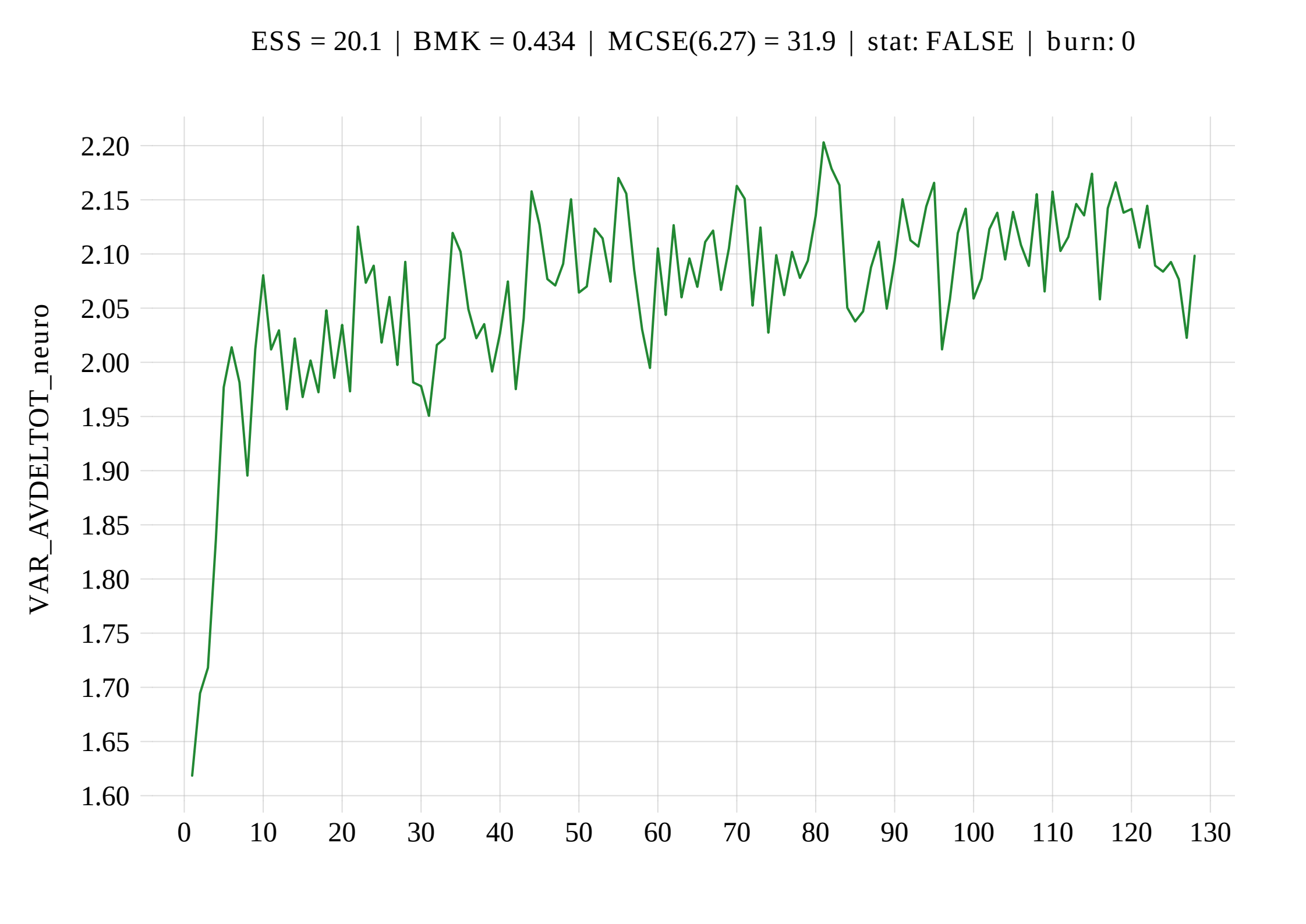

ESS = 128 | BMK = 0.0914 | MCSE(6.27) = 7.98 | stat: TRUE | burn: 0
MEAN_Apoe4_
0.57
0.56
0.55
0.54
0.53
0.52
0.51
0.50
0.49
0.48
0
10
20
30
40
50
60
70
80
90
100
110
120
130

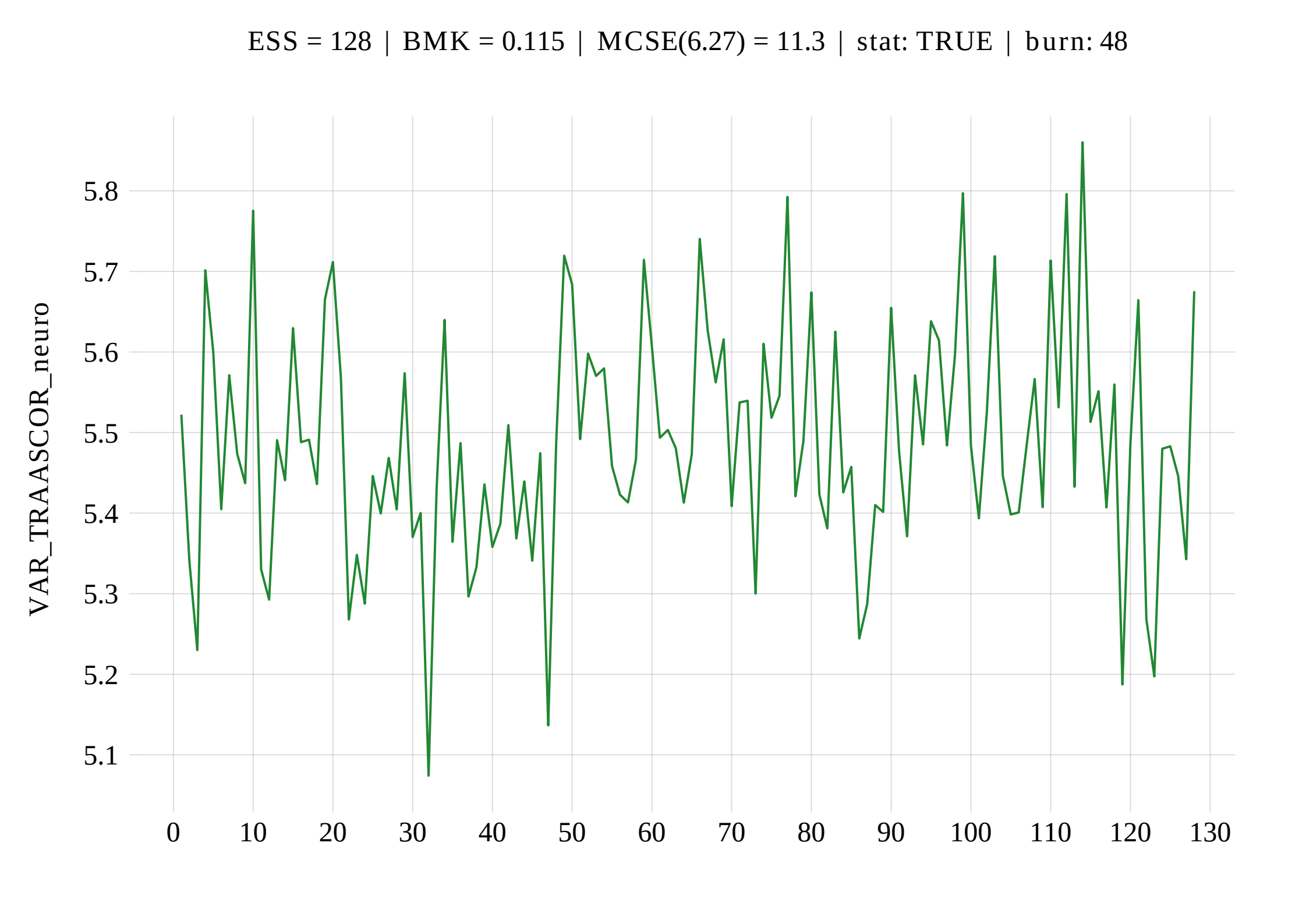

ESS = 128 | BMK = 0.238 | MCSE(6.27) = 8.23 | stat: TRUE | burn: 72
VAR_AGE_log_
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

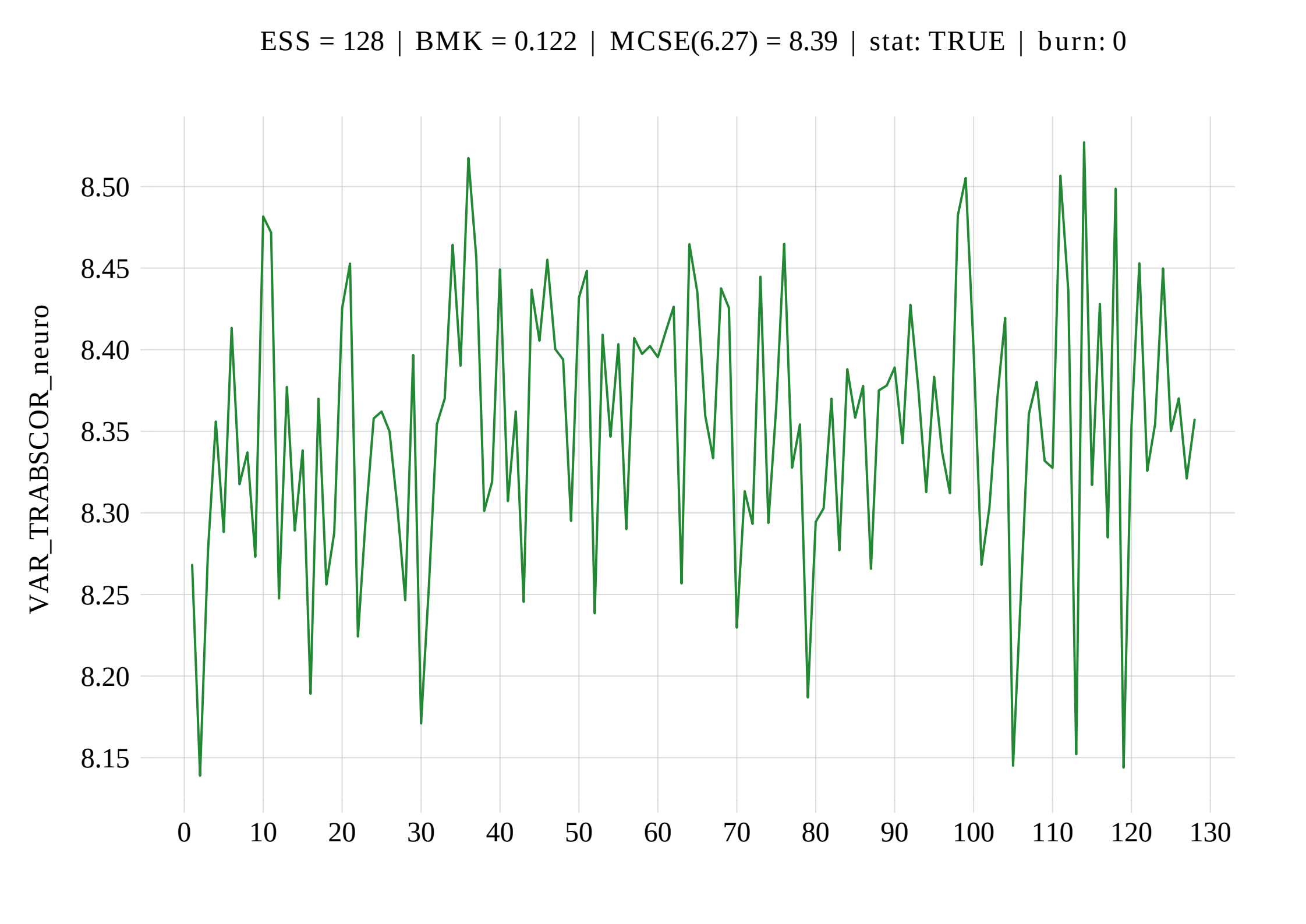

ESS = 128 | BMK = 0.351 | MCSE(6.27) = 8.64 | stat: TRUE | burn: 84
VAR_LRHHC_n_long_log_
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

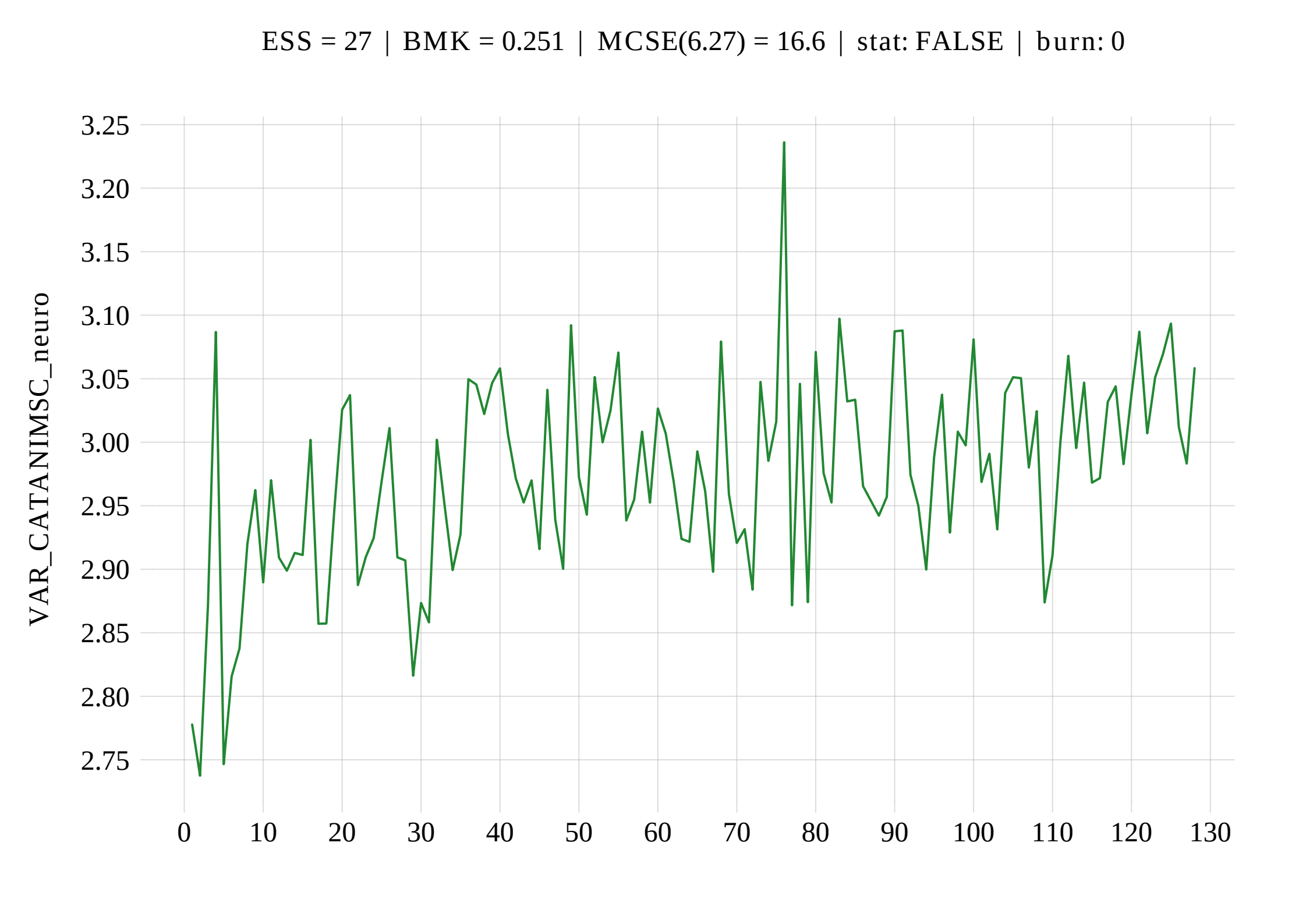

ESS = 13.9 | BMK = 0.369 | MCSE(6.27) = 29.6 | stat: FALSE | burn: 0
VAR_RAVLT_immediate
4.6
4.5
4.4
4.3
4.2
4.1
4.0
3.9
0
10
20
30
40
50
60
70
80
90
100
110
120
130

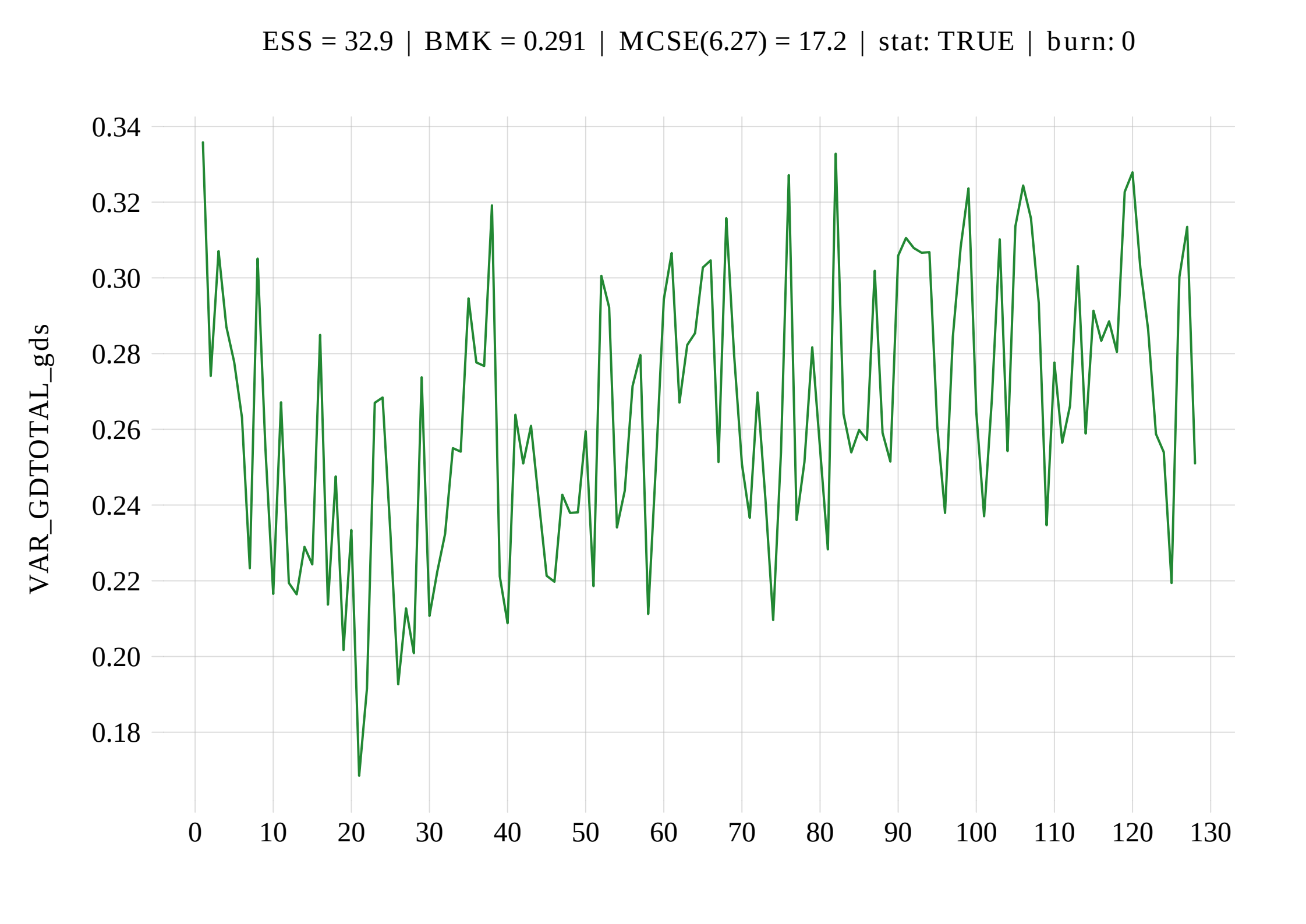

ESS = 18.6 | BMK = 0.409 | MCSE(6.27) = 29.2 | stat: FALSE | burn: 12
VAR_AVDEL30MIN_neuro
2.6
2.5
2.4
2.3
2.2
2.1
2.0
1.9
1.8
1.7
1.6
0
10
20
30
40
50
60
70
80
90
100
110
120
130

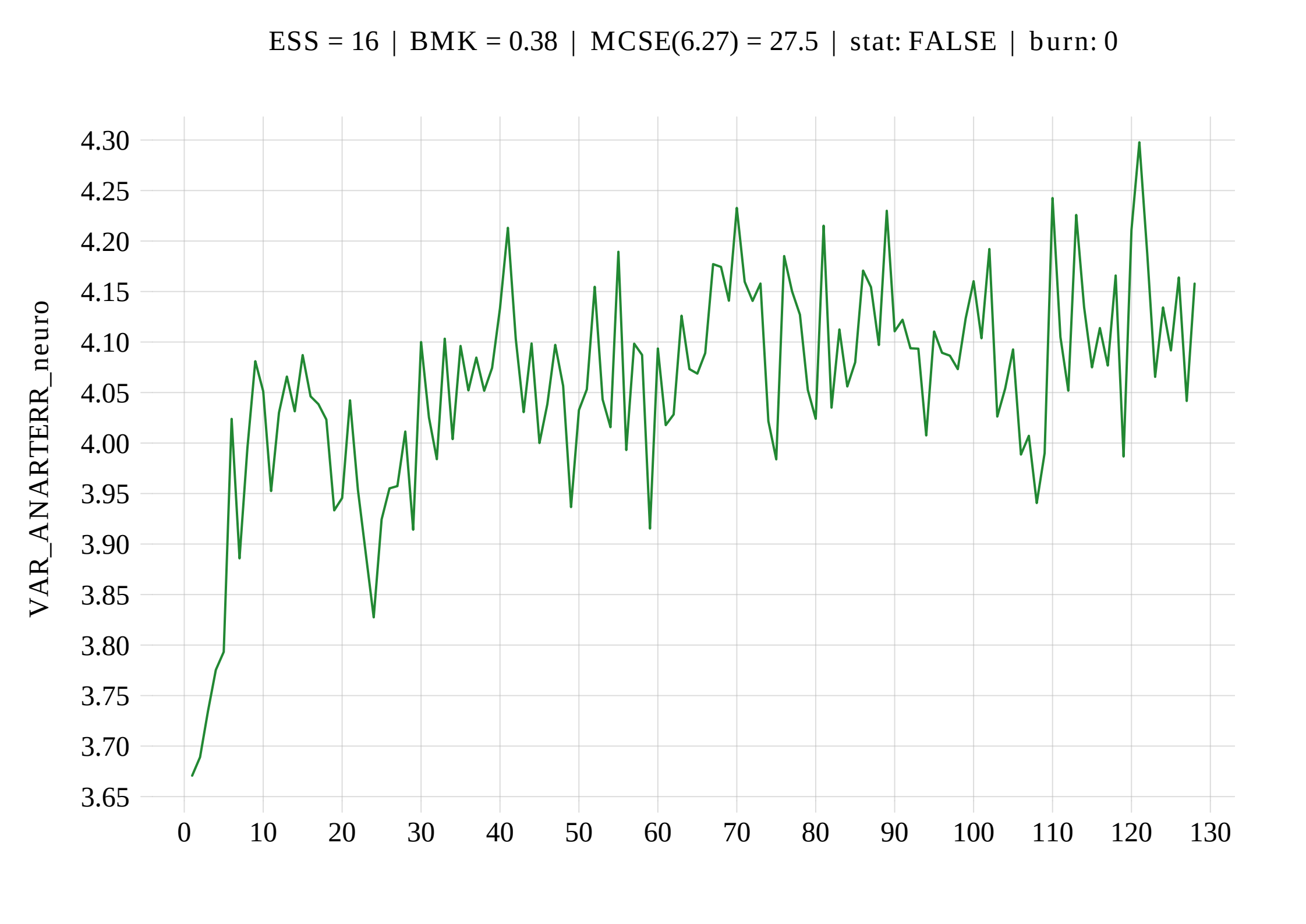

ESS = 20.1 | BMK = 0.434 | MCSE(6.27) = 31.9 | stat: FALSE | burn: 0
VAR_AVDELTOT_neuro
2.20
2.15
2.10
2.05
2.00
1.95
1.90
1.85
1.80
1.75
1.70
1.65
1.60
0
10
20
30
40
50
60
70
80
90
100
110
120
130

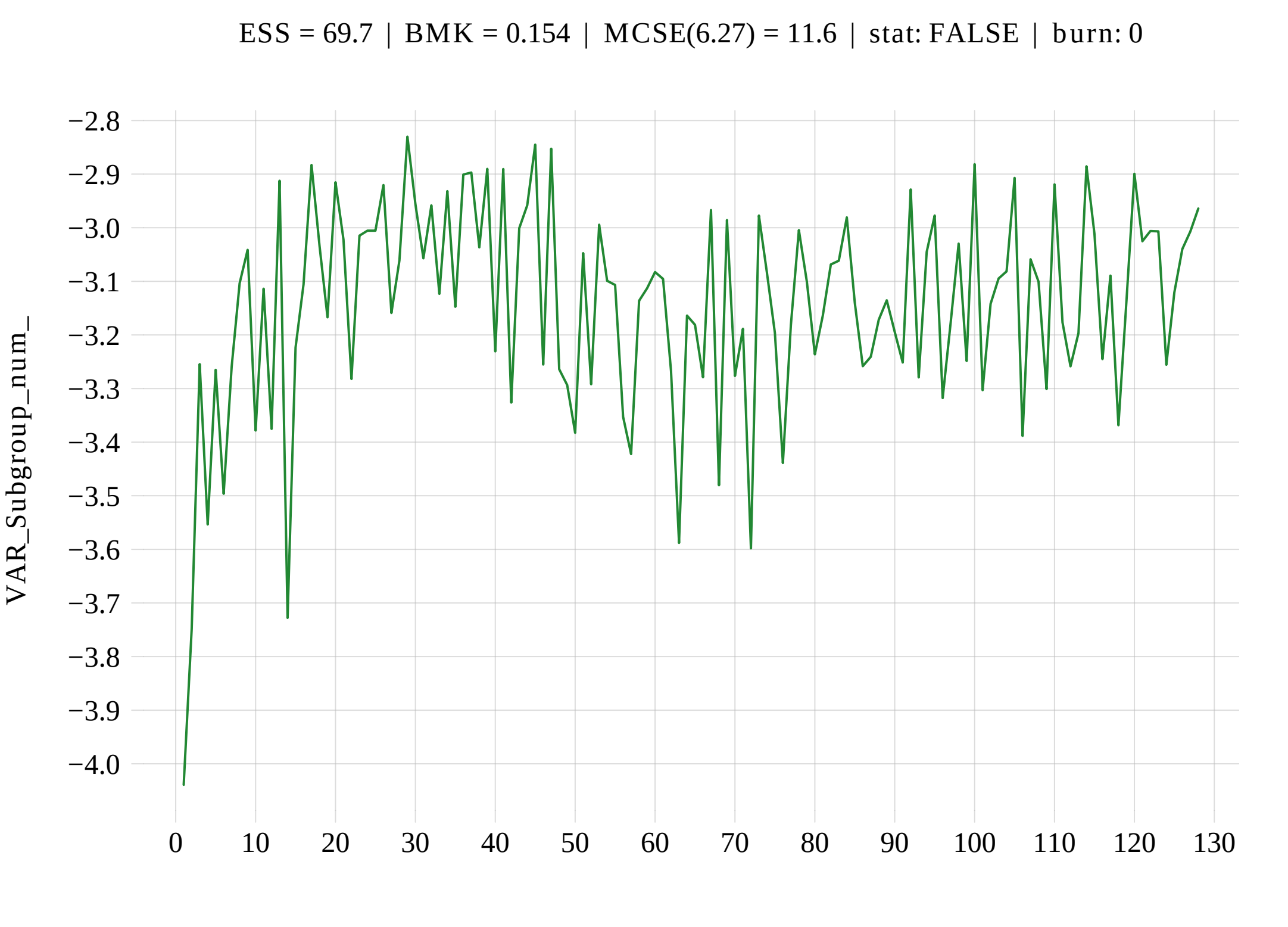

ESS = 128 | BMK = 0.115 | MCSE(6.27) = 11.3 | stat: TRUE | burn: 48
VAR_TRAASCOR_neuro
5.8
5.7
5.6
5.5
5.4
5.3
5.2
5.1
0
10
20
30
40
50
60
70
80
90
100
110
120
130

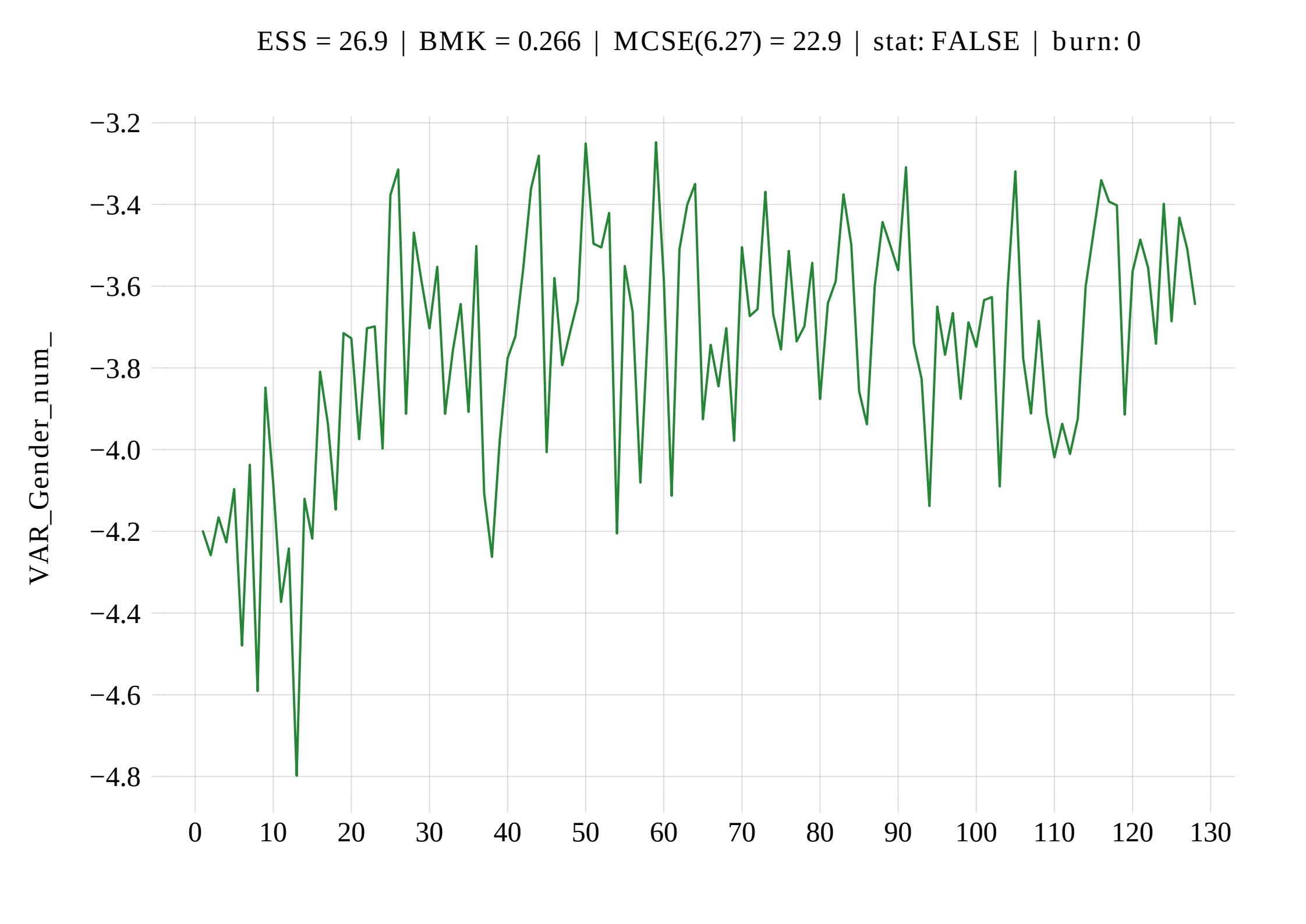

ESS = 128 | BMK = 0.122 | MCSE(6.27) = 8.39 | stat: TRUE | burn: 0
VAR_TRABSCOR_neuro
8.50
8.45
8.40
8.35
8.30
8.25
8.20
8.15
0
10
20
30
40
50
60
70
80
90
100
110
120
130

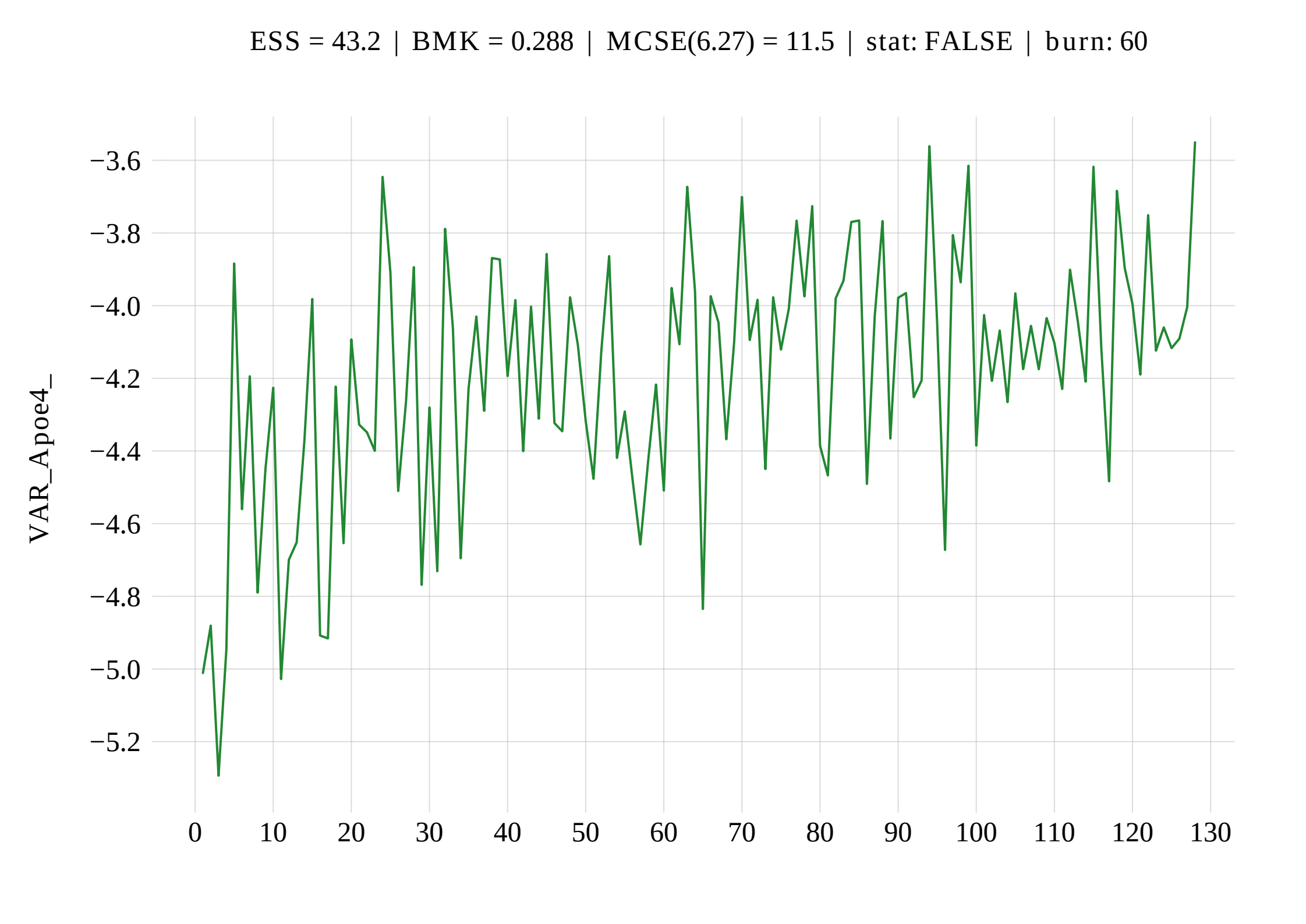

ESS = 27 | BMK = 0.251 | MCSE(6.27) = 16.6 | stat: FALSE | burn: 0
VAR_CATANIMSC_neuro
3.25
3.20
3.15
3.10
3.05
3.00
2.95
2.90
2.85
2.80
2.75
0
10
20
30
40
50
60
70
80
90
100
110
120
130

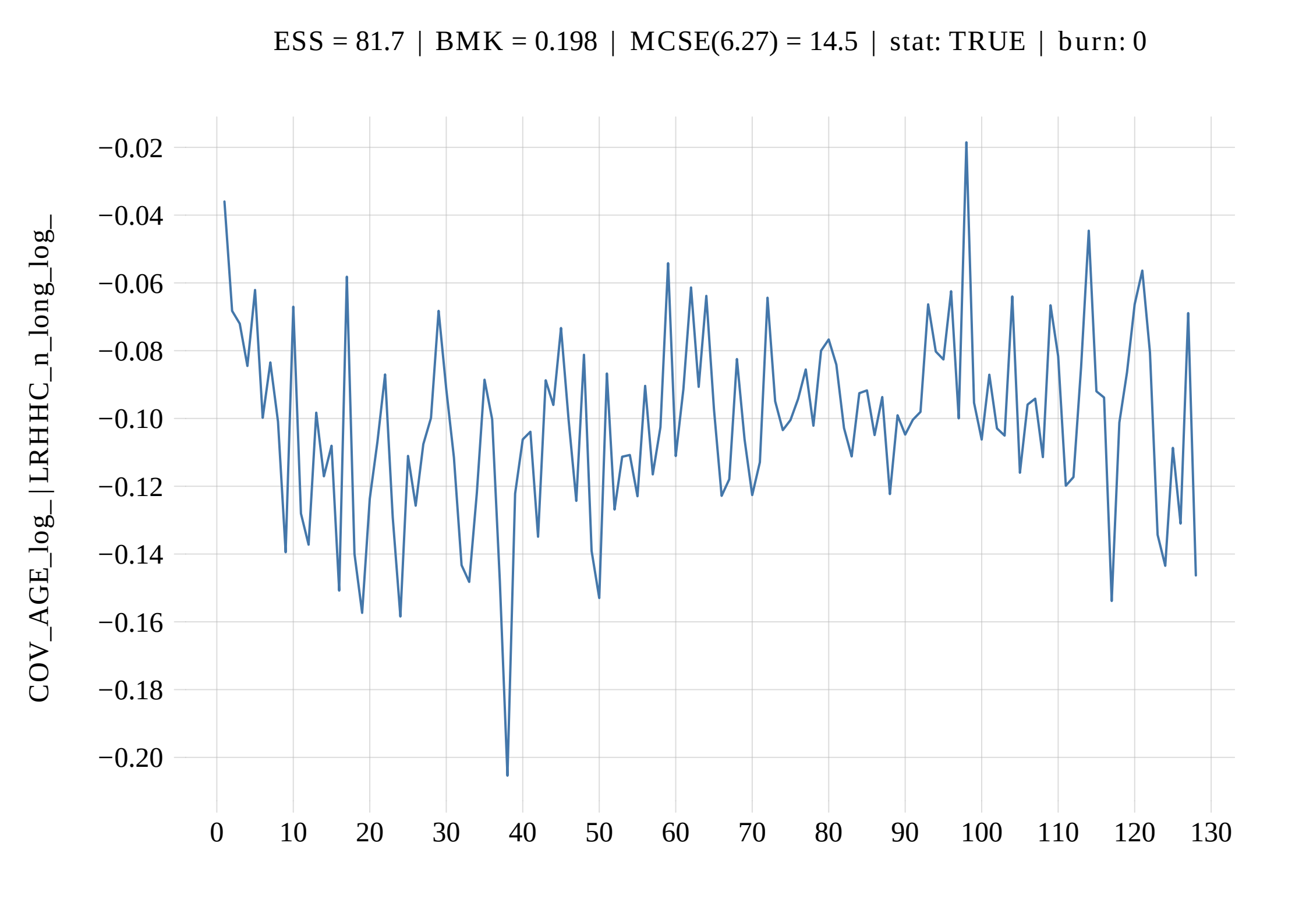

ESS = 32.9 | BMK = 0.291 | MCSE(6.27) = 17.2 | stat: TRUE | burn: 0
VAR_GDTOTAL_gds
0.34
0.32
0.30
0.28
0.26
0.24
0.22
0.20
0.18
0
10
20
30
40
50
60
70
80
90
100
110
120
130

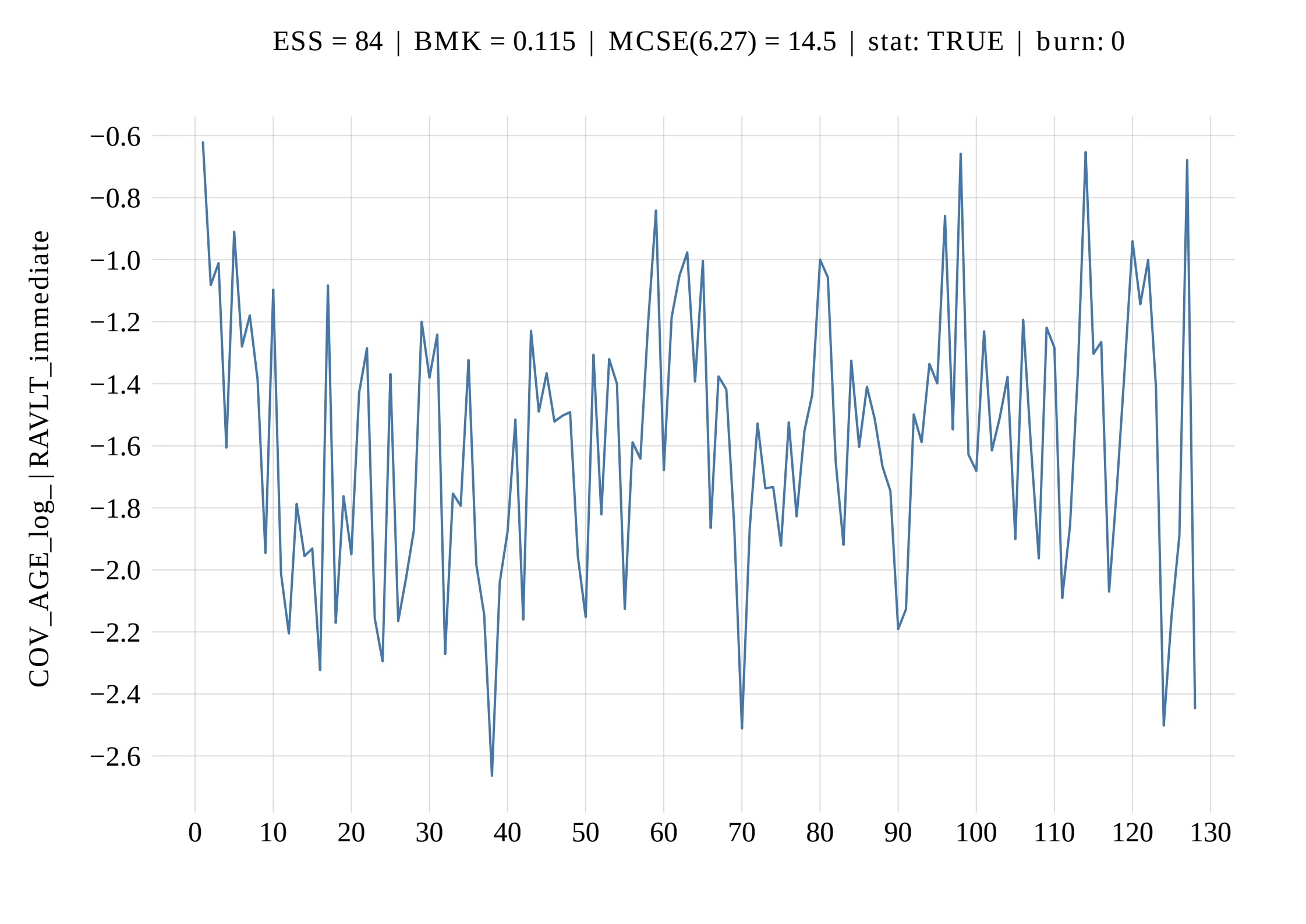

ESS = 16 | BMK = 0.38 | MCSE(6.27) = 27.5 | stat: FALSE | burn: 0
VAR_ANARTERR_neuro
4.30
4.25
4.20
4.15
4.10
4.05
4.00
3.95
3.90
3.85
3.80
3.75
3.70
3.65
0
10
20
30
40
50
60
70
80
90
100
110
120
130

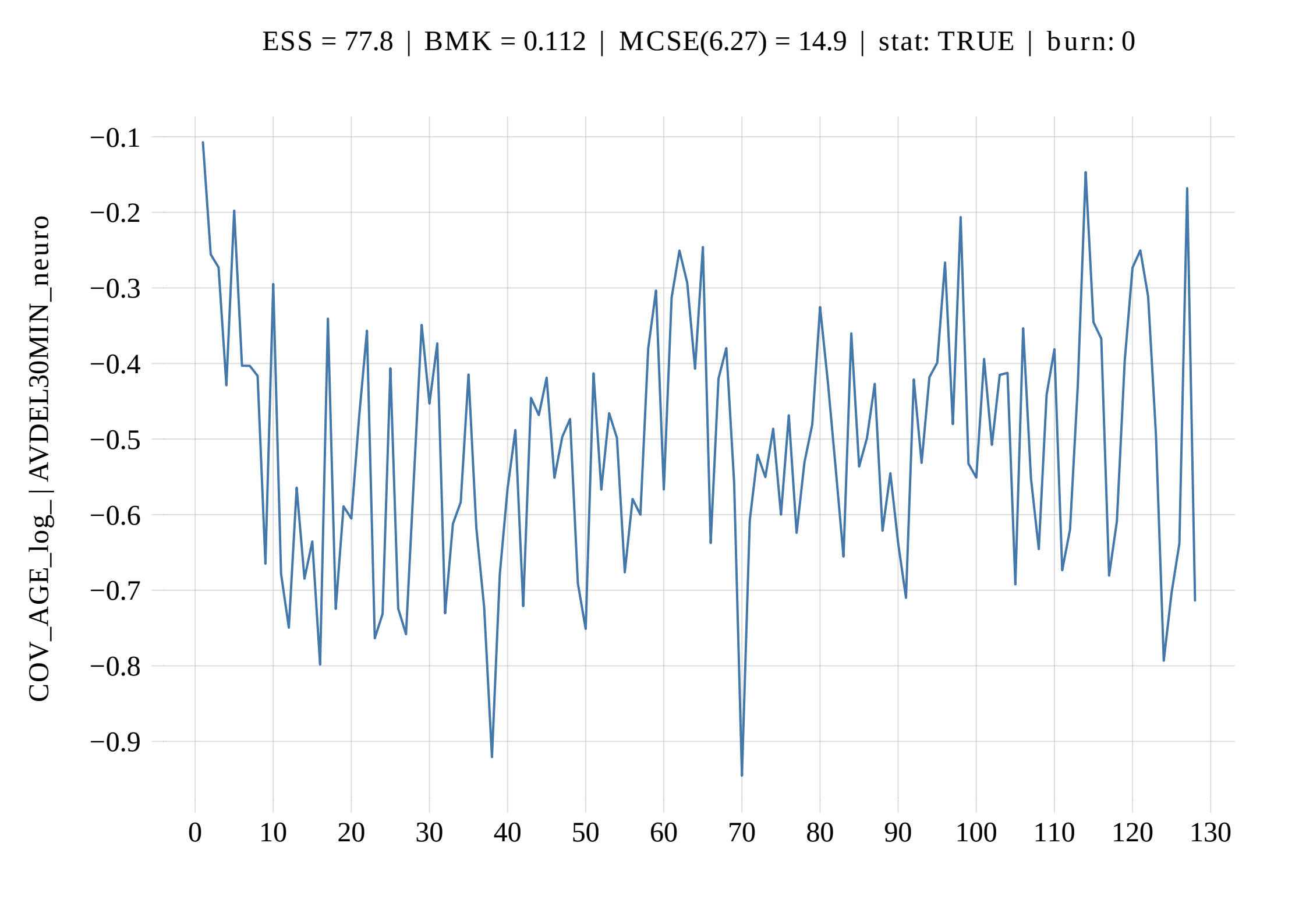

ESS = 69.7 | BMK = 0.154 | MCSE(6.27) = 11.6 | stat: FALSE | burn: 0
VAR_Subgroup_num_
−2.8
−2.9
−3.0
−3.1
−3.2
−3.3
−3.4
−3.5
−3.6
−3.7
−3.8
−3.9
−4.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

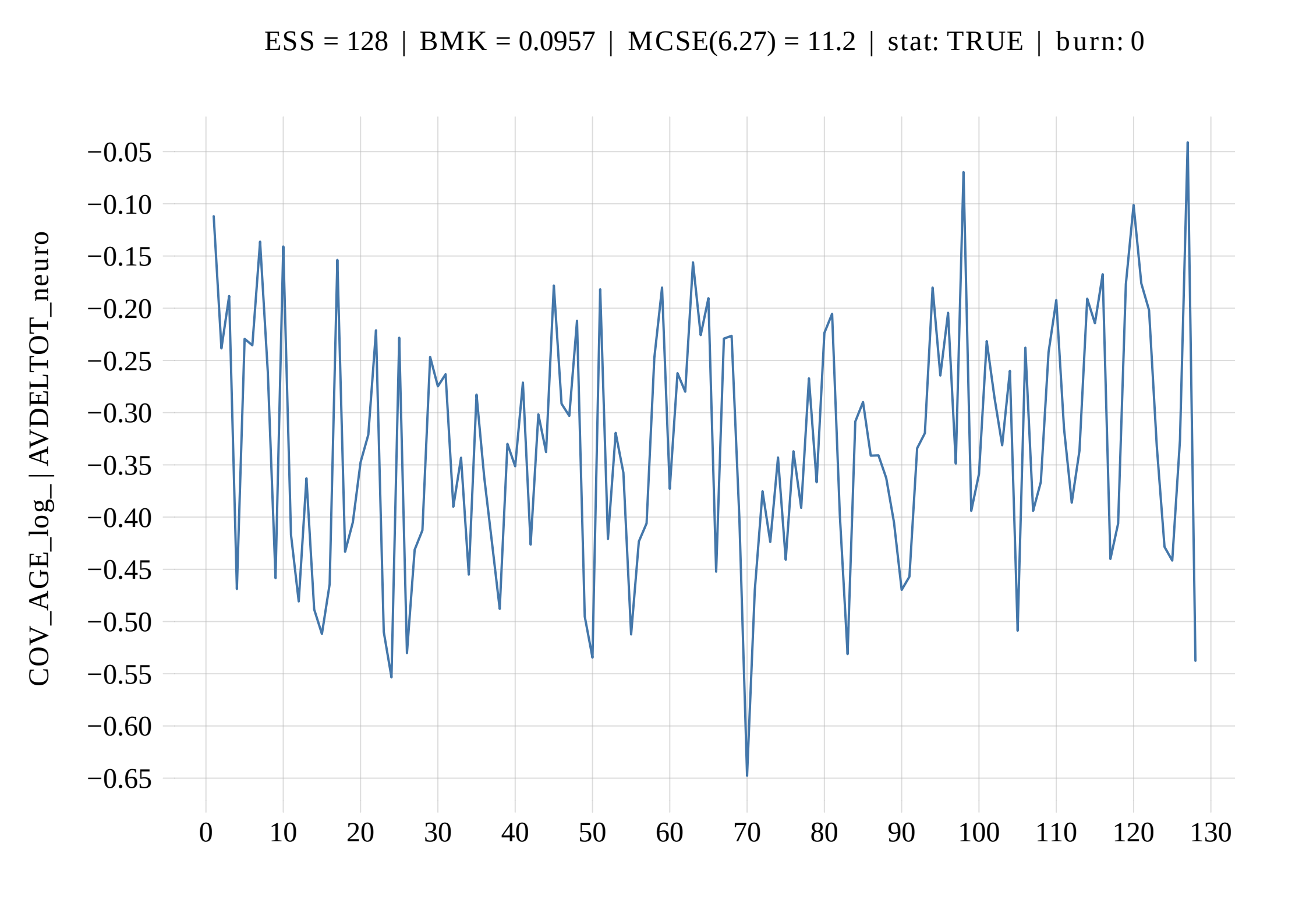

ESS = 26.9 | BMK = 0.266 | MCSE(6.27) = 22.9 | stat: FALSE | burn: 0
VAR_Gender_num_
−3.2
−3.4
−3.6
−3.8
−4.0
−4.2
−4.4
−4.6
−4.8
0
10
20
30
40
50
60
70
80
90
100
110
120
130

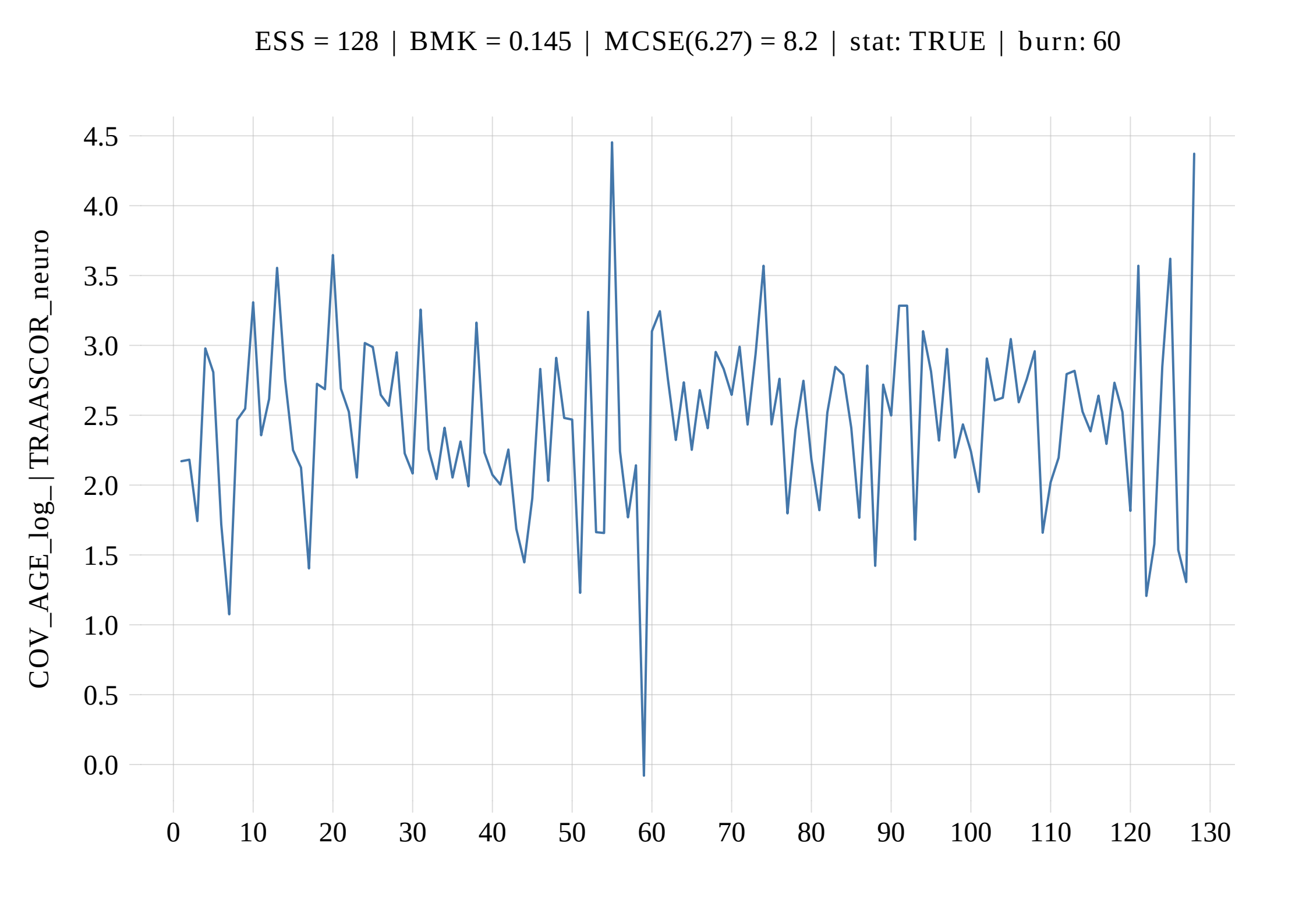

ESS = 43.2 | BMK = 0.288 | MCSE(6.27) = 11.5 | stat: FALSE | burn: 60
VAR_Apoe4_
−3.6
−3.8
−4.0
−4.2
−4.4
−4.6
−4.8
−5.0
−5.2
0
10
20
30
40
50
60
70
80
90
100
110
120
130

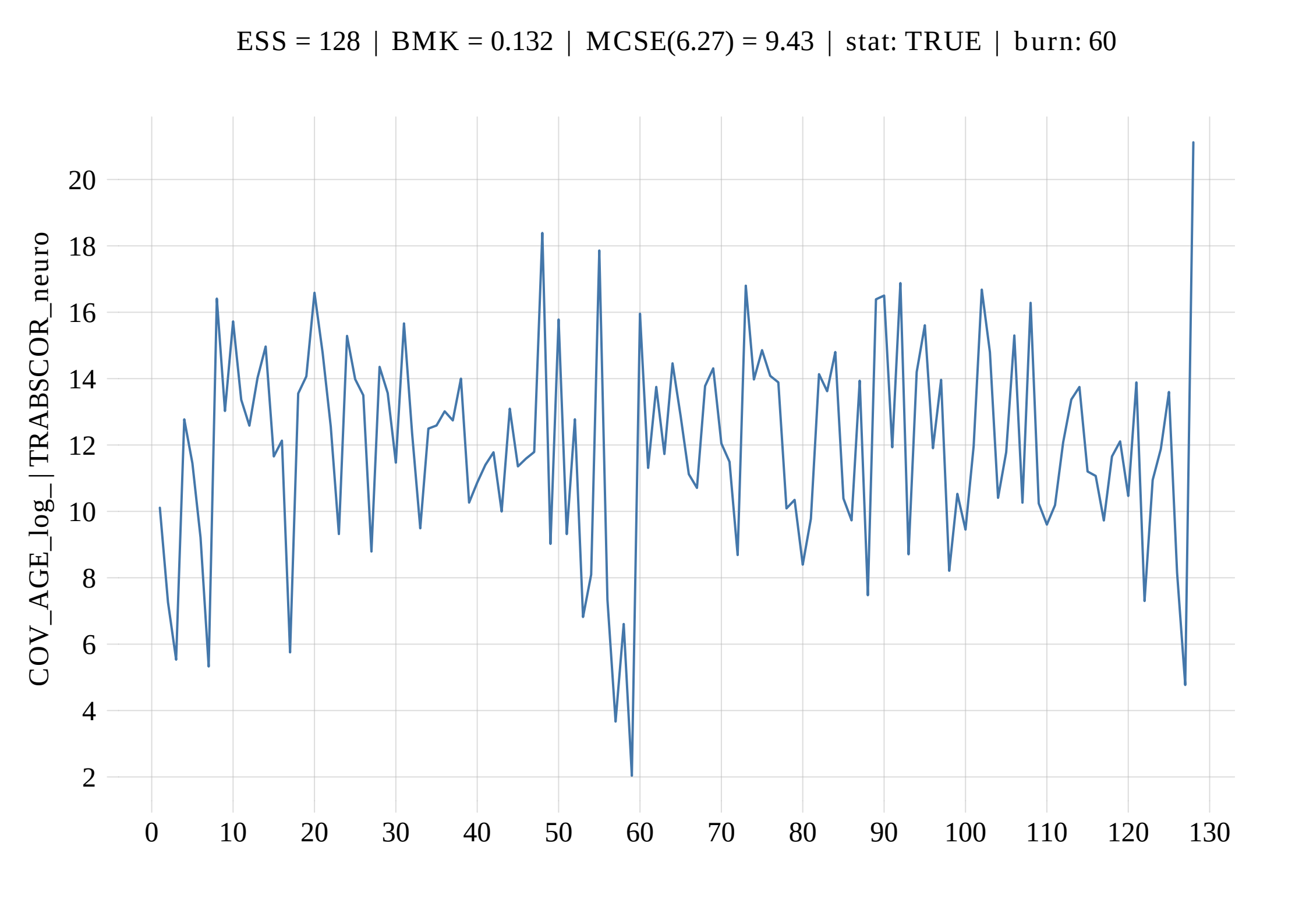

ESS = 81.7 | BMK = 0.198 | MCSE(6.27) = 14.5 | stat: TRUE | burn: 0
COV_AGE_log_|LRHHC_n_long_log_
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
−0.16
−0.18
−0.20
0
10
20
30
40
50
60
70
80
90
100
110
120
130

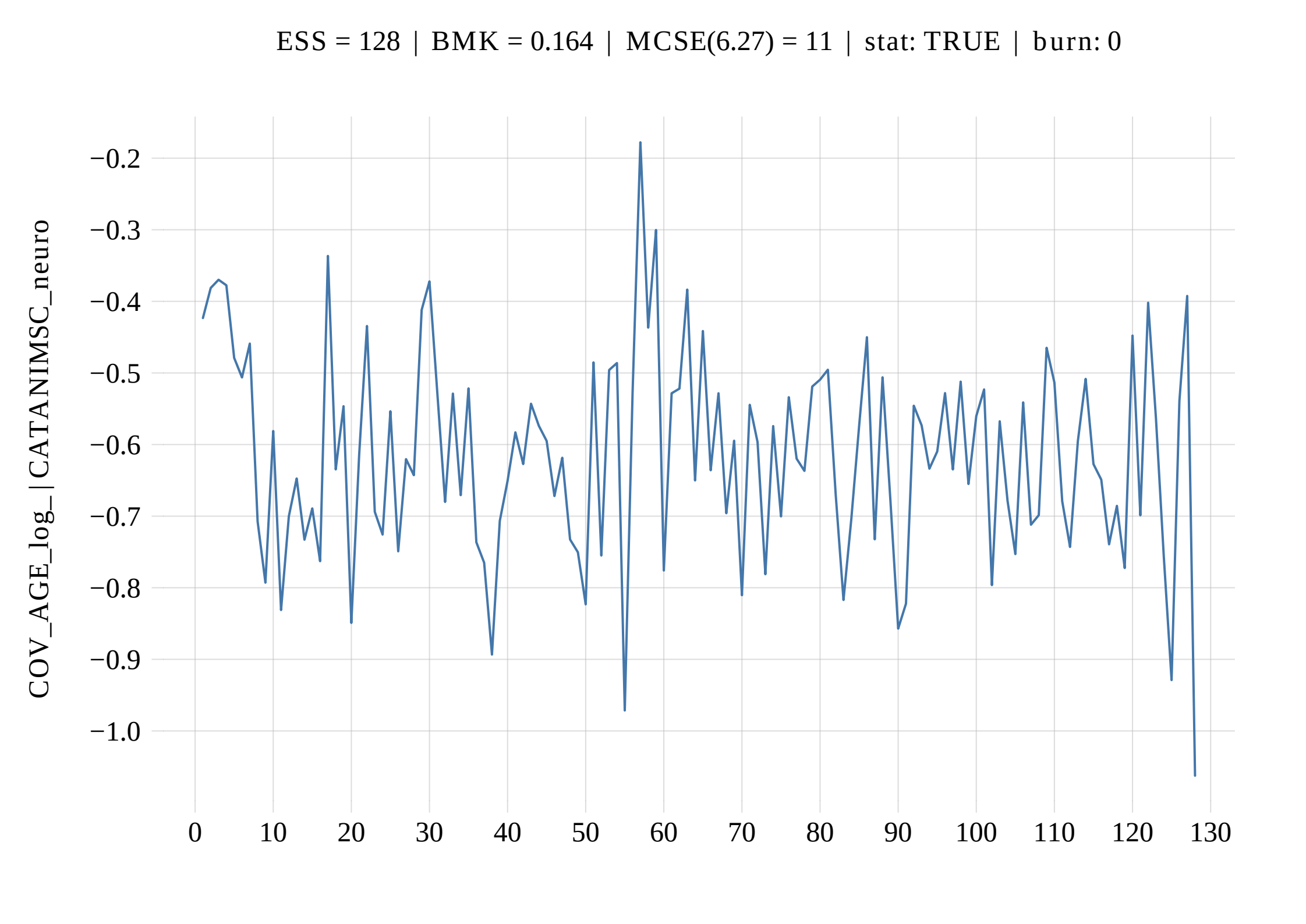

ESS = 84 | BMK = 0.115 | MCSE(6.27) = 14.5 | stat: TRUE | burn: 0
COV_AGE_log_|RAVLT_immediate
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
−1.8
−2.0
−2.2
−2.4
−2.6
0
10
20
30
40
50
60
70
80
90
100
110
120
130

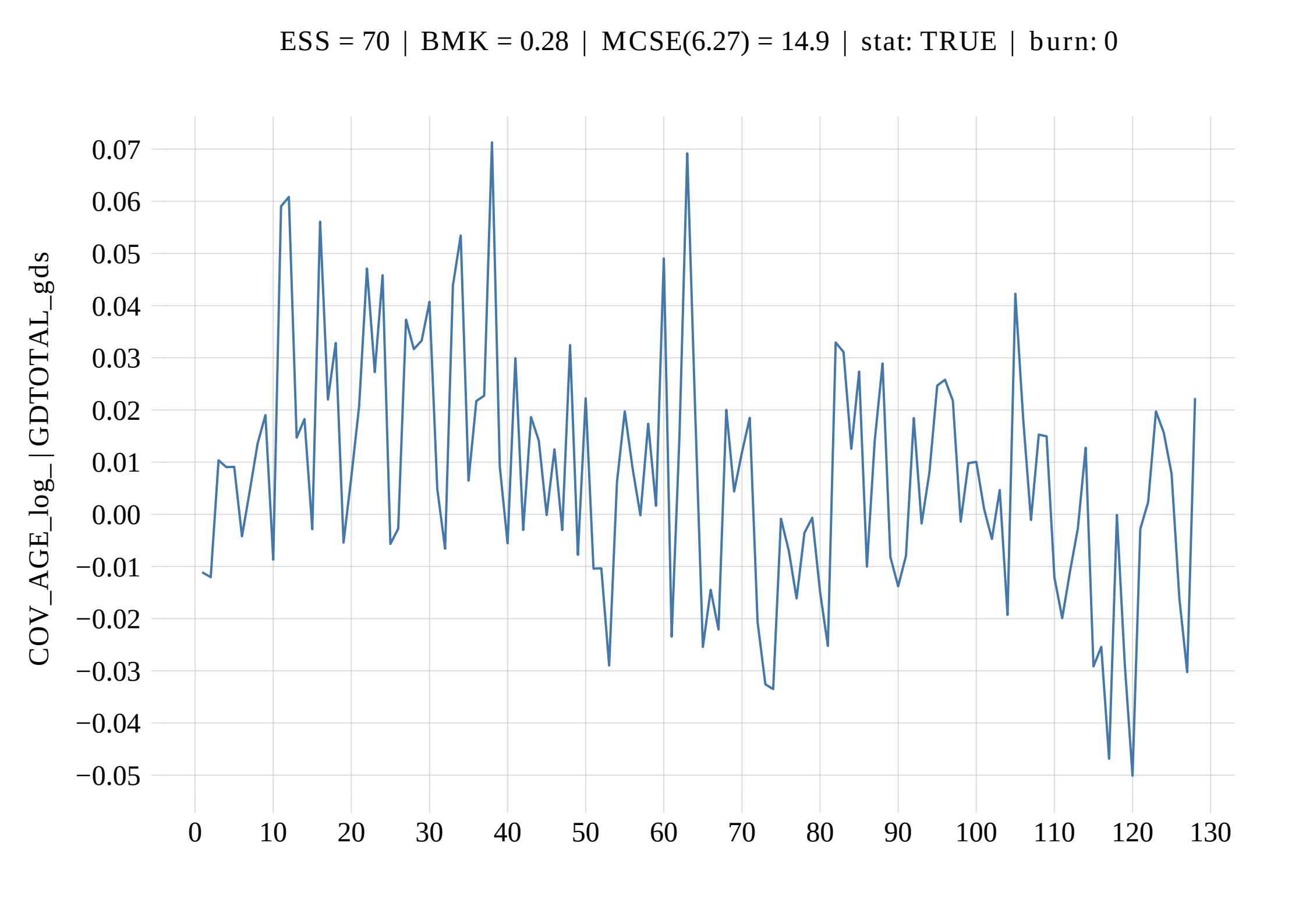

ESS = 77.8 | BMK = 0.112 | MCSE(6.27) = 14.9 | stat: TRUE | burn: 0
COV_AGE_log_ | AVDEL30MIN_neuro
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
0
10
20
30
40
50
60
70
80
90
100
110
120
130

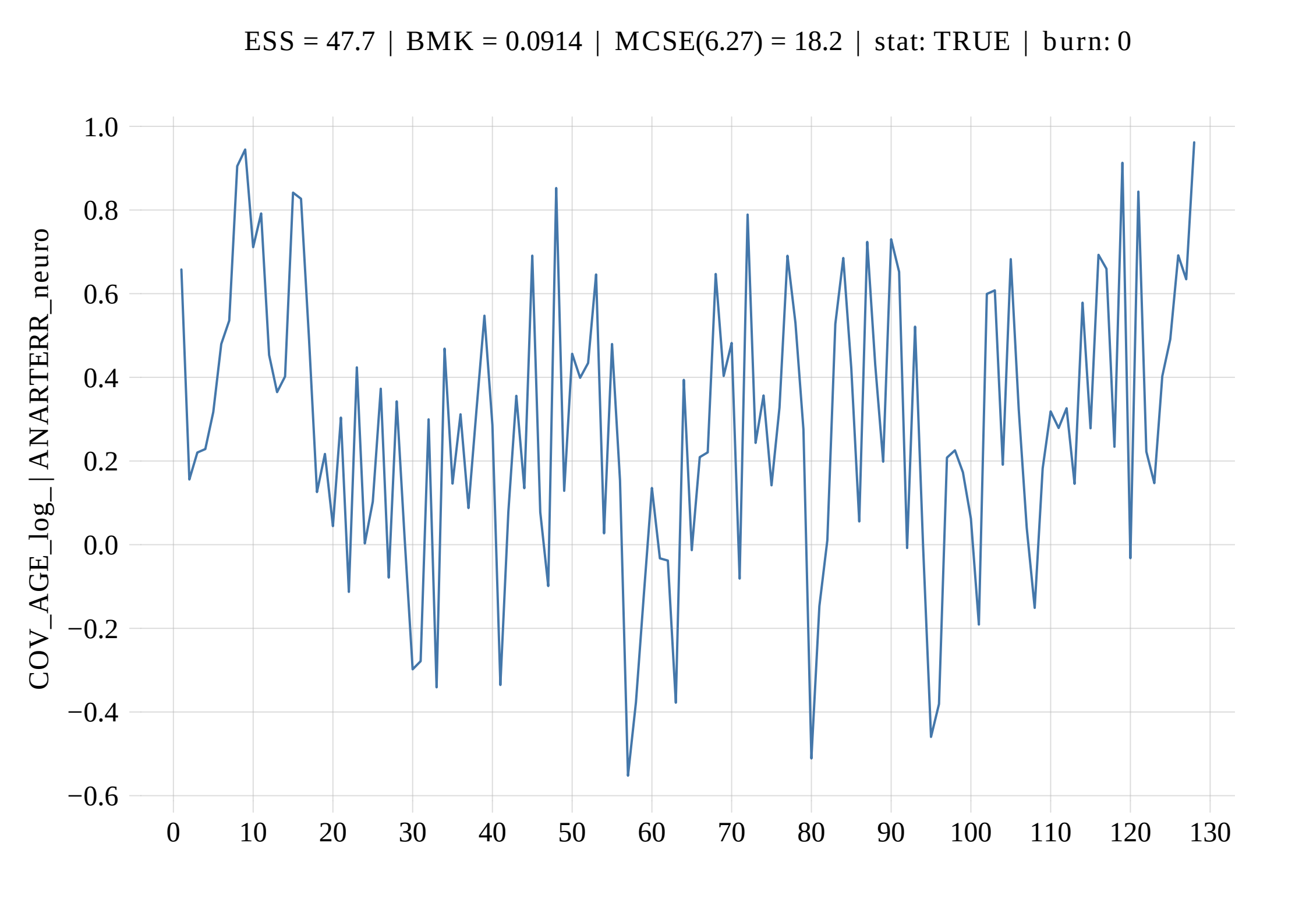

ESS = 128 | BMK = 0.0957 | MCSE(6.27) = 11.2 | stat: TRUE | burn: 0
COV_AGE_log_ | AVDELTOT_neuro
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
−0.65
0
10
20
30
40
50
60
70
80
90
100
110
120
130

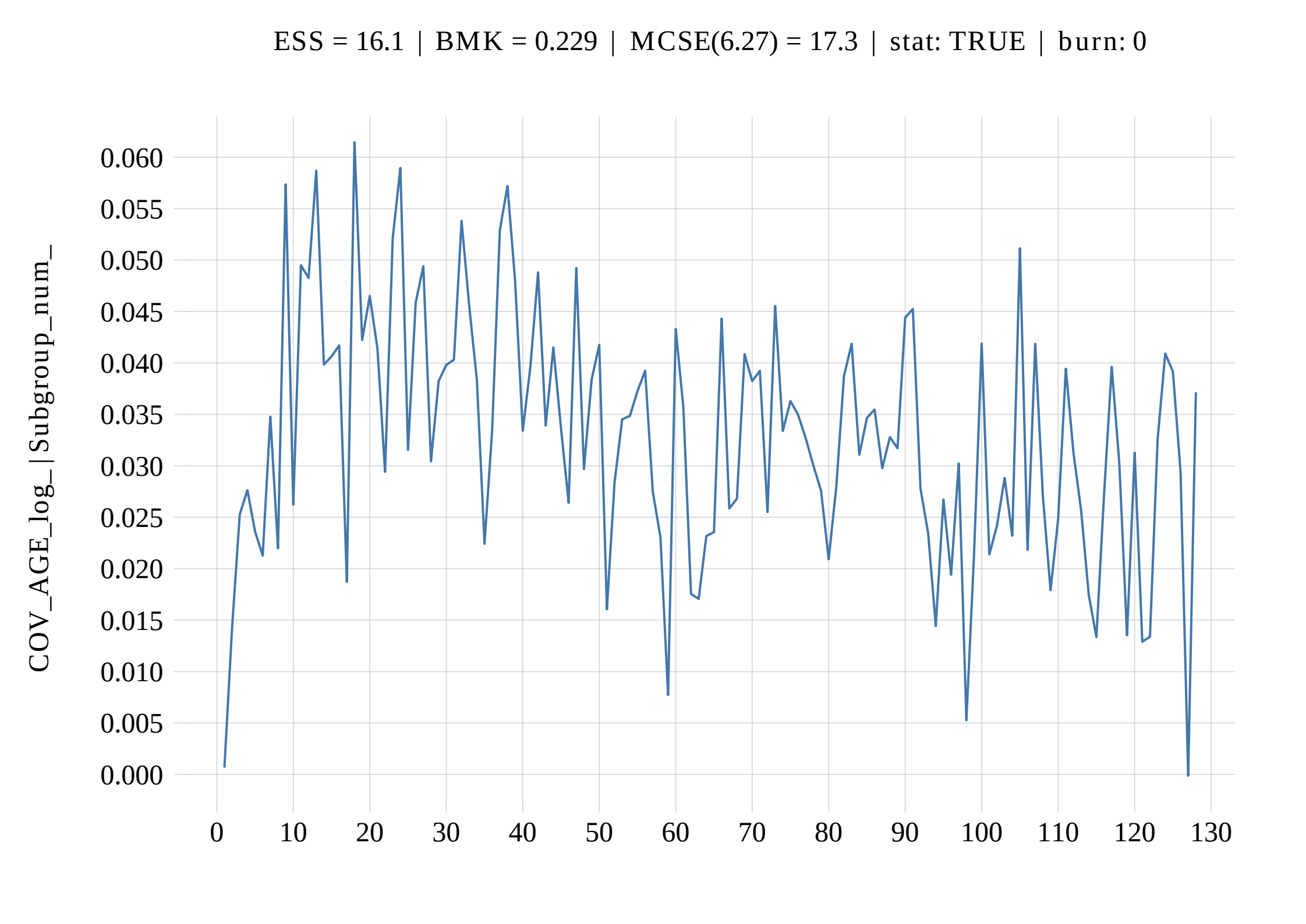

ESS = 128 | BMK = 0.145 | MCSE(6.27) = 8.2 | stat: TRUE | burn: 60
COV_AGE_log_|TRAASCOR_neuro
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

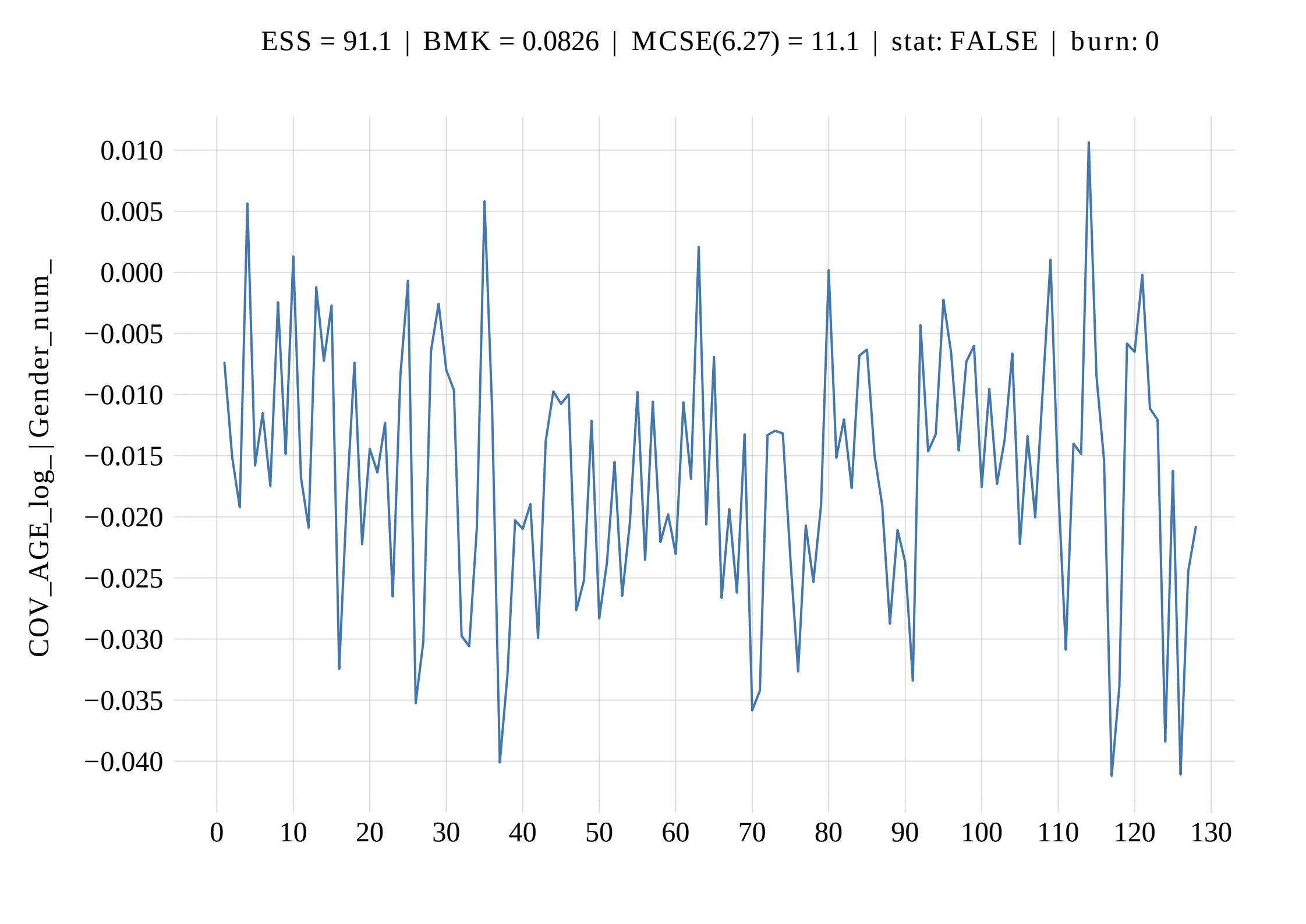

ESS = 128 | BMK = 0.132 | MCSE(6.27) = 9.43 | stat: TRUE | burn: 60
COV_AGE_log_|TRABSCOR_neuro
20
18
16
14
12
10
8
6
4
2
0
10
20
30
40
50
60
70
80
90
100
110
120
130

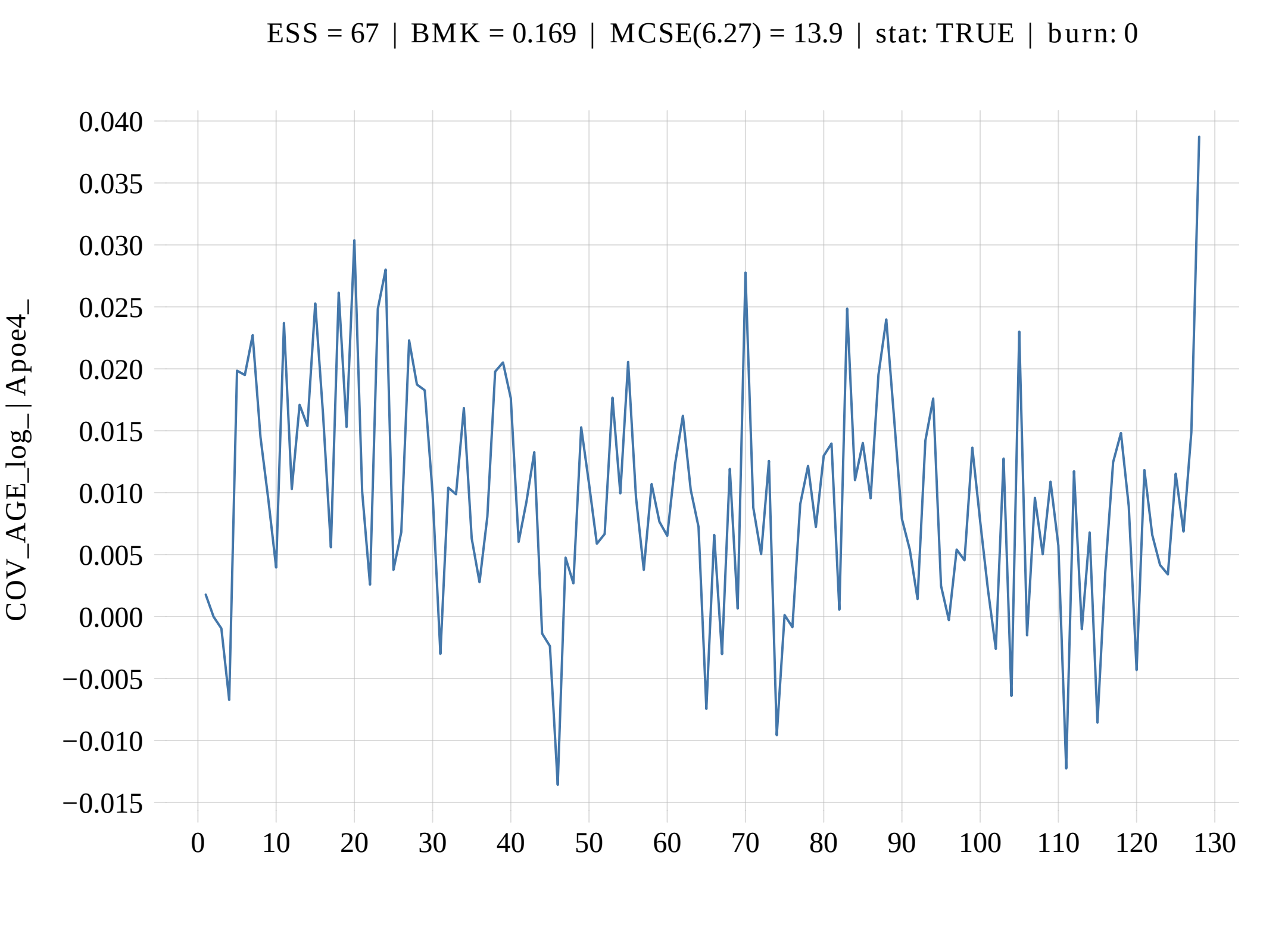

ESS = 128 | BMK = 0.164 | MCSE(6.27) = 11 | stat: TRUE | burn: 0
COV_AGE_log_|CATANIMSC_neuro
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 70 | BMK = 0.28 | MCSE(6.27) = 14.9 | stat: TRUE | burn: 0
COV_AGE_log_|GDTOTAL_gds
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 47.7 | BMK = 0.0914 | MCSE(6.27) = 18.2 | stat: TRUE | burn: 0
COV_AGE_log_ | ANARTERR_neuro
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 16.1 | BMK = 0.229 | MCSE(6.27) = 17.3 | stat: TRUE | burn: 0
COV_AGE_log_|Subgroup_num_
0.060
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 91.1 | BMK = 0.0826 | MCSE(6.27) = 11.1 | stat: FALSE | burn: 0
COV_AGE_log_|Gender_num_
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
−0.035
−0.040
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 67 | BMK = 0.169 | MCSE(6.27) = 13.9 | stat: TRUE | burn: 0
COV_AGE_log_ | Apoe4_
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.015
0
10
20
30
40
50
60
70
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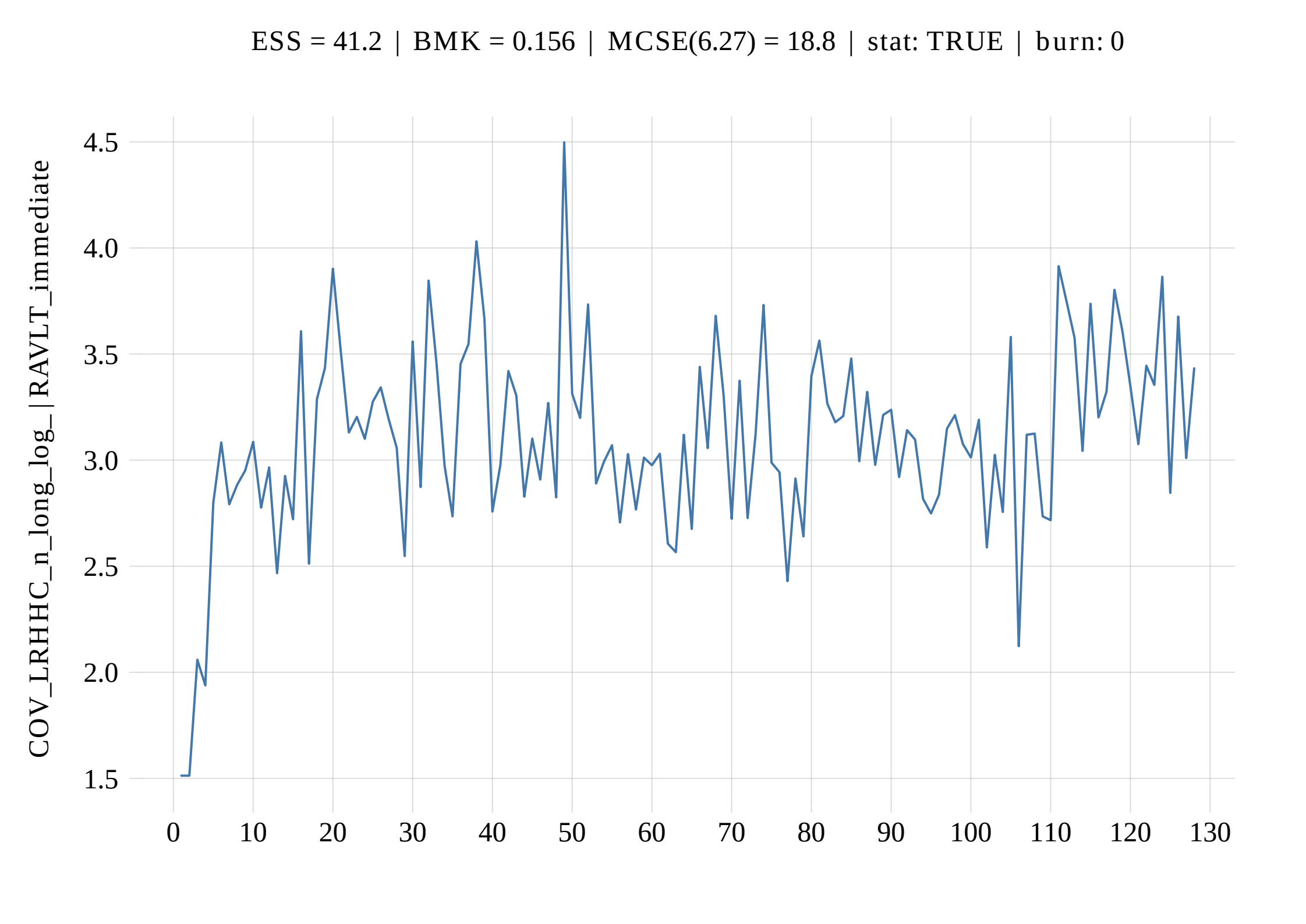
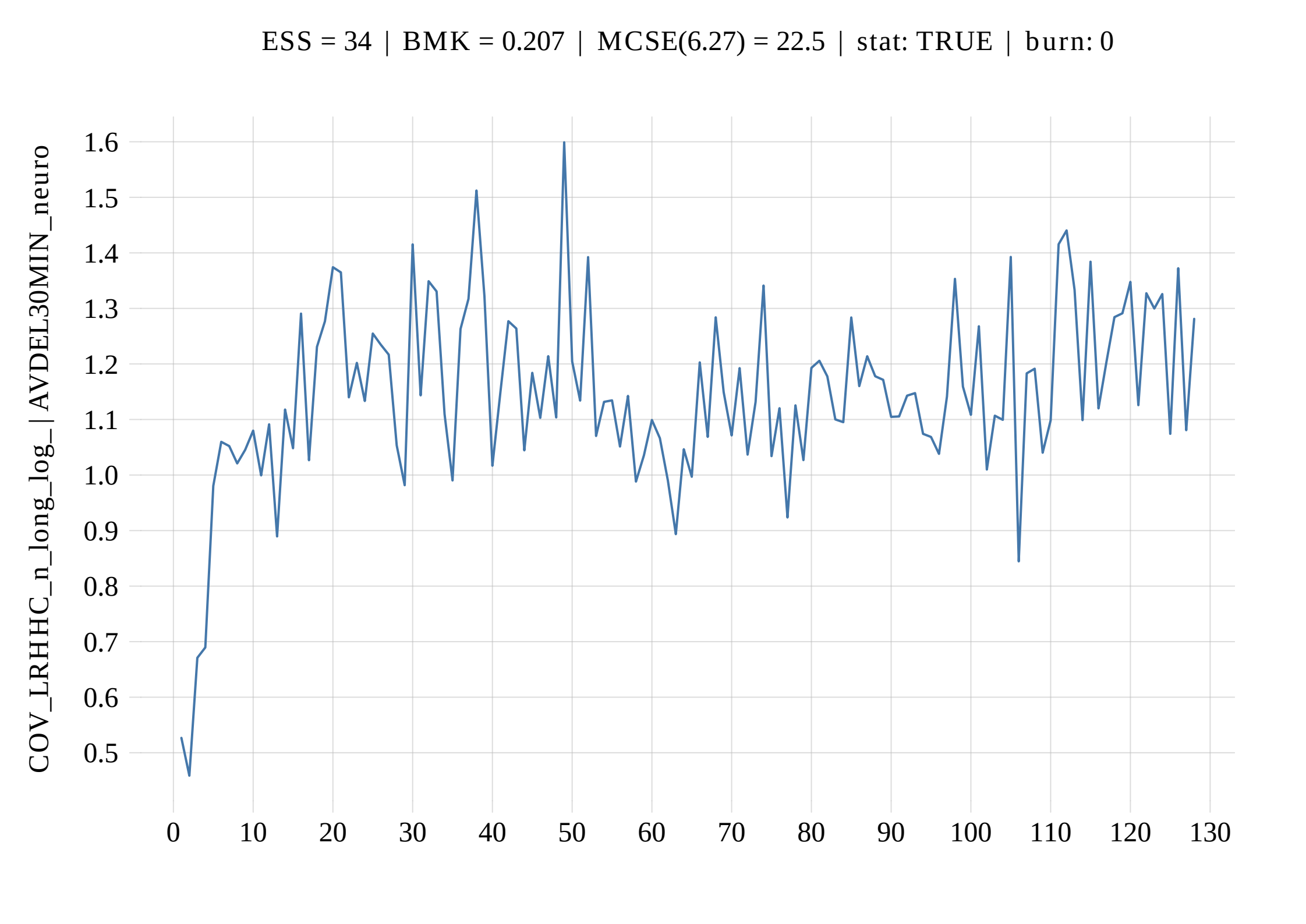
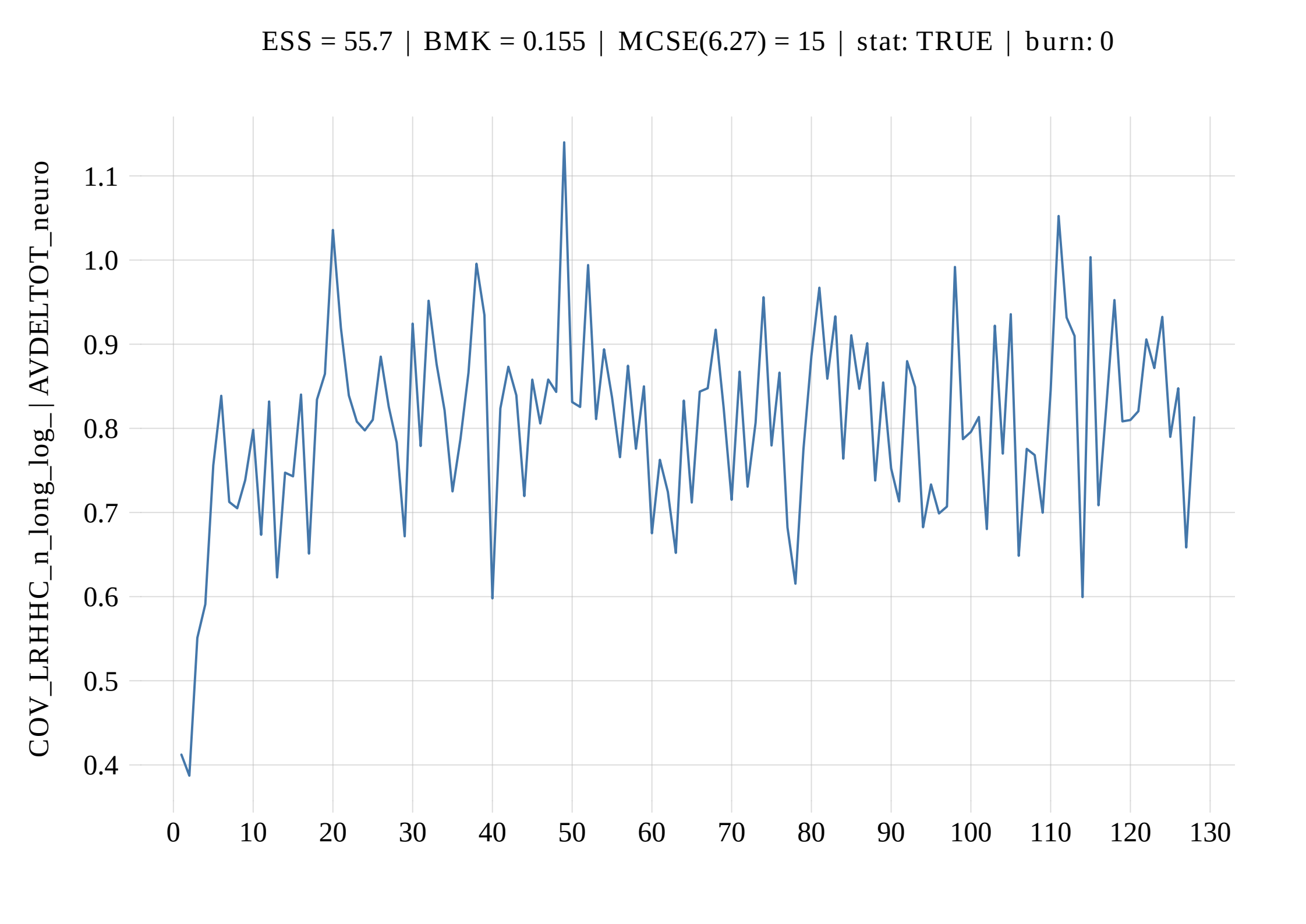
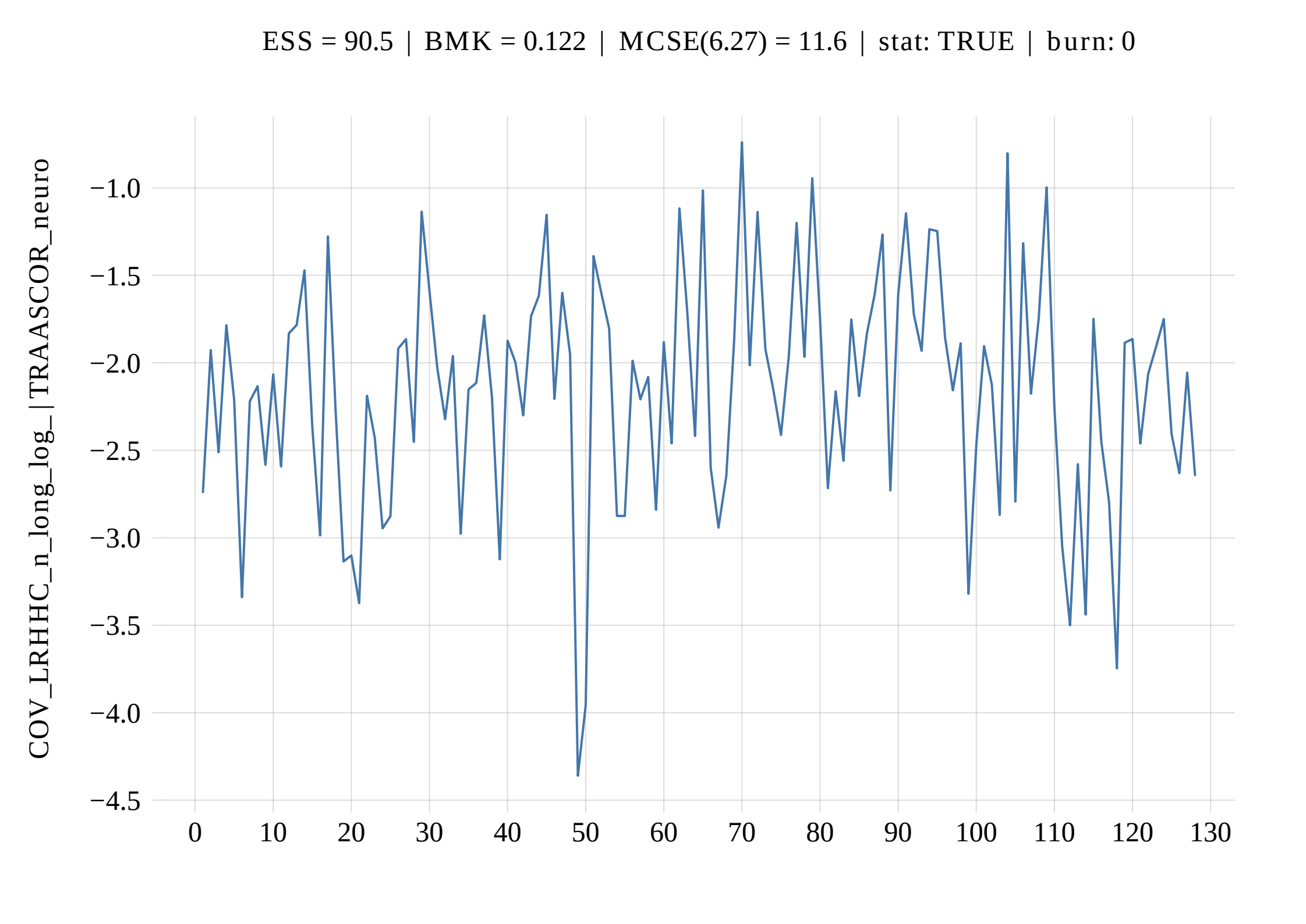
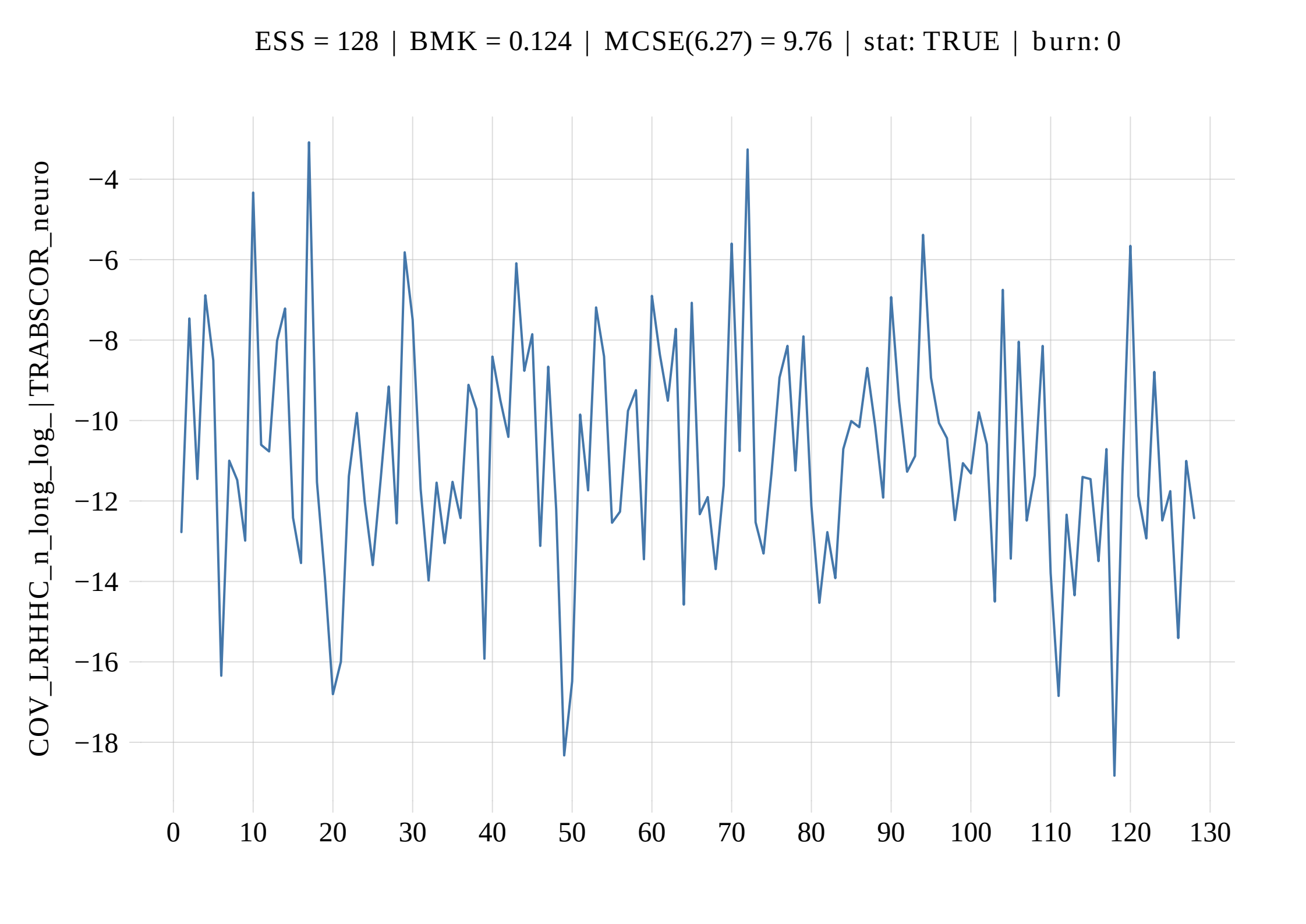
90
100
110
120
130

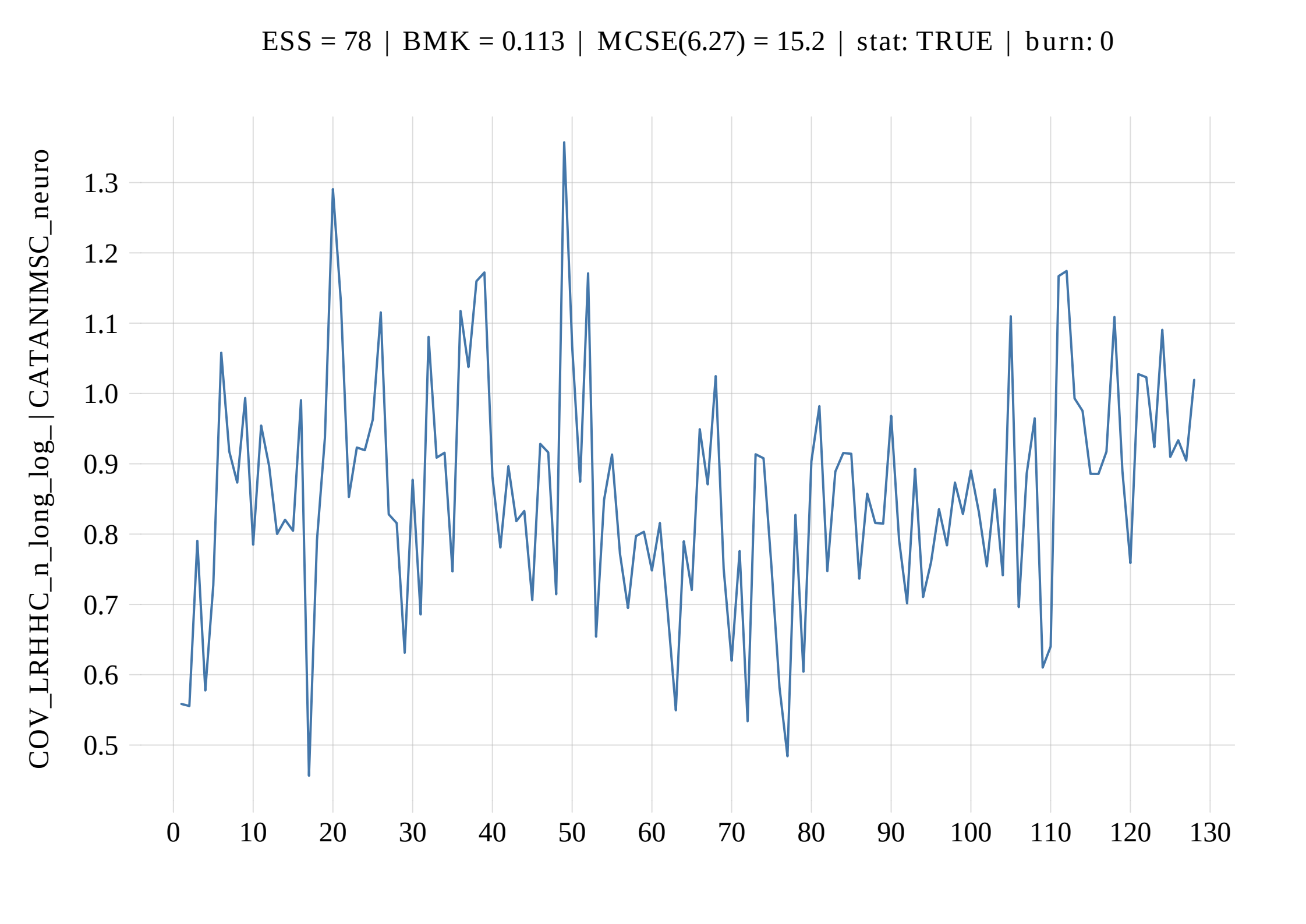

ESS = 41.2 | BMK = 0.156 | MCSE(6.27) = 18.8 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_|RAVLT_immediate
4.5
4.0
3.5
3.0
2.5
2.0
1.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

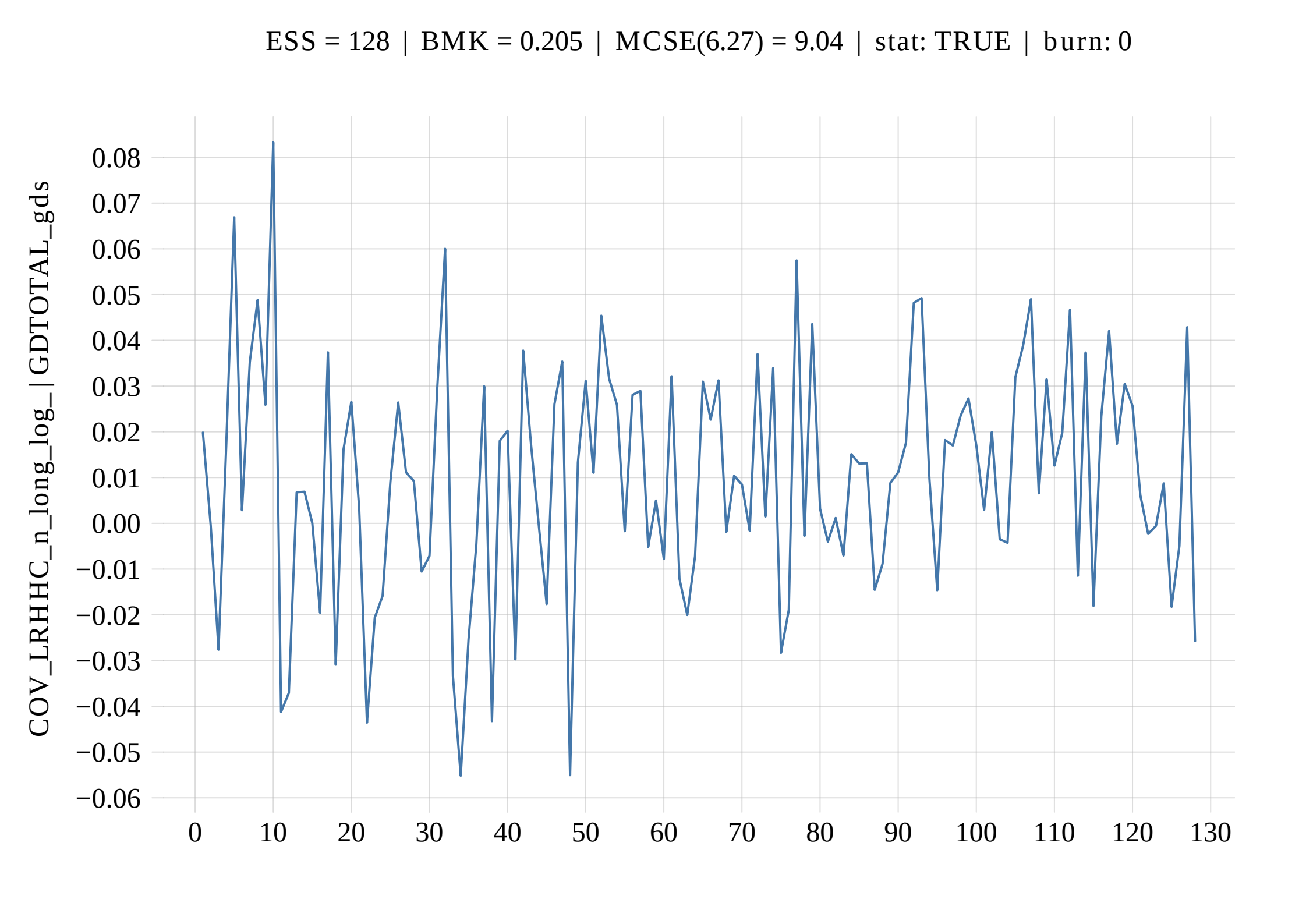

ESS = 34 | BMK = 0.207 | MCSE(6.27) = 22.5 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_ | AVDEL30MIN_neuro
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

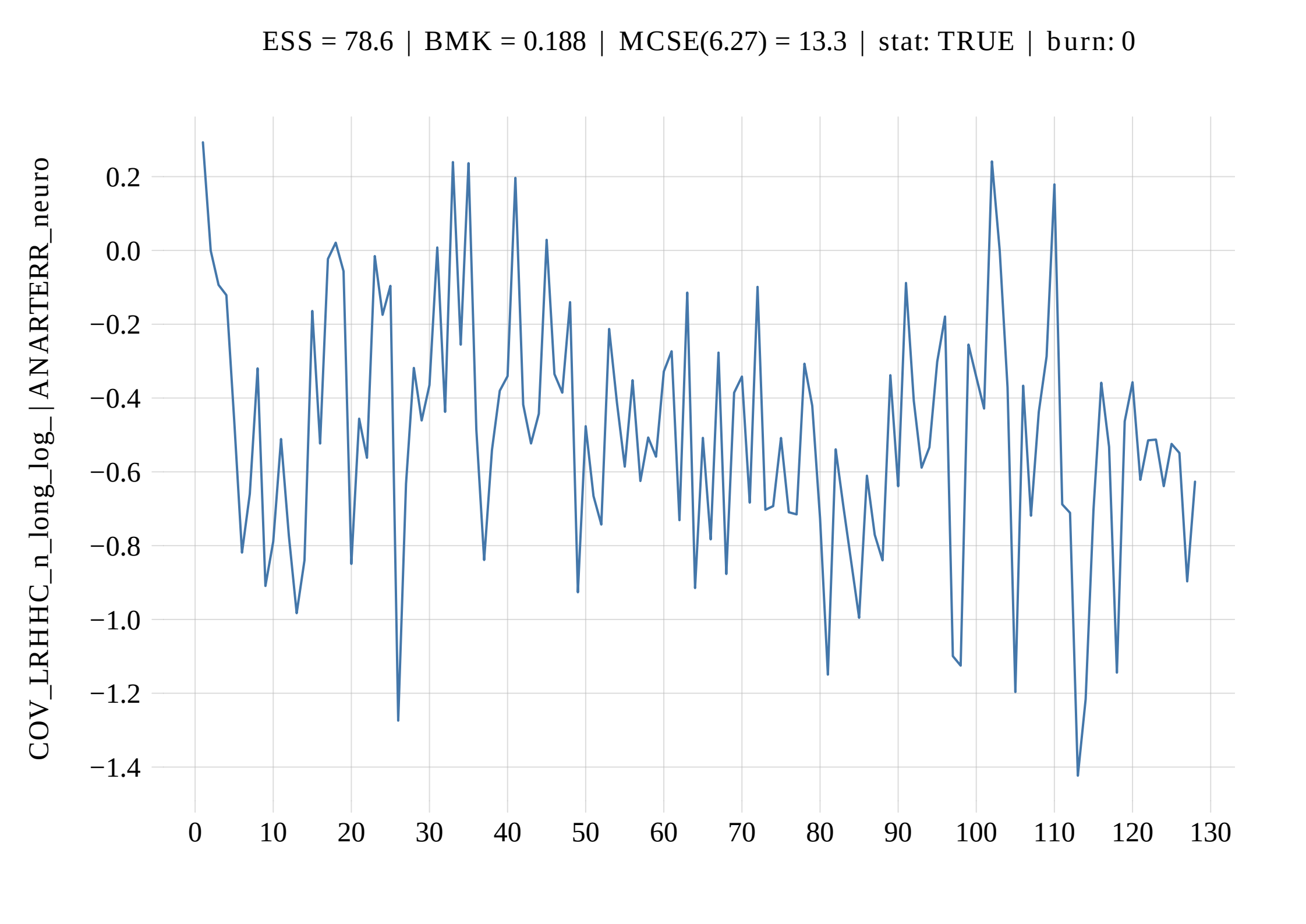

ESS = 55.7 | BMK = 0.155 | MCSE(6.27) = 15 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_ | AVDELTOT_neuro
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0
10
20
30
40
50
60
70
80
90
100
110
120
130

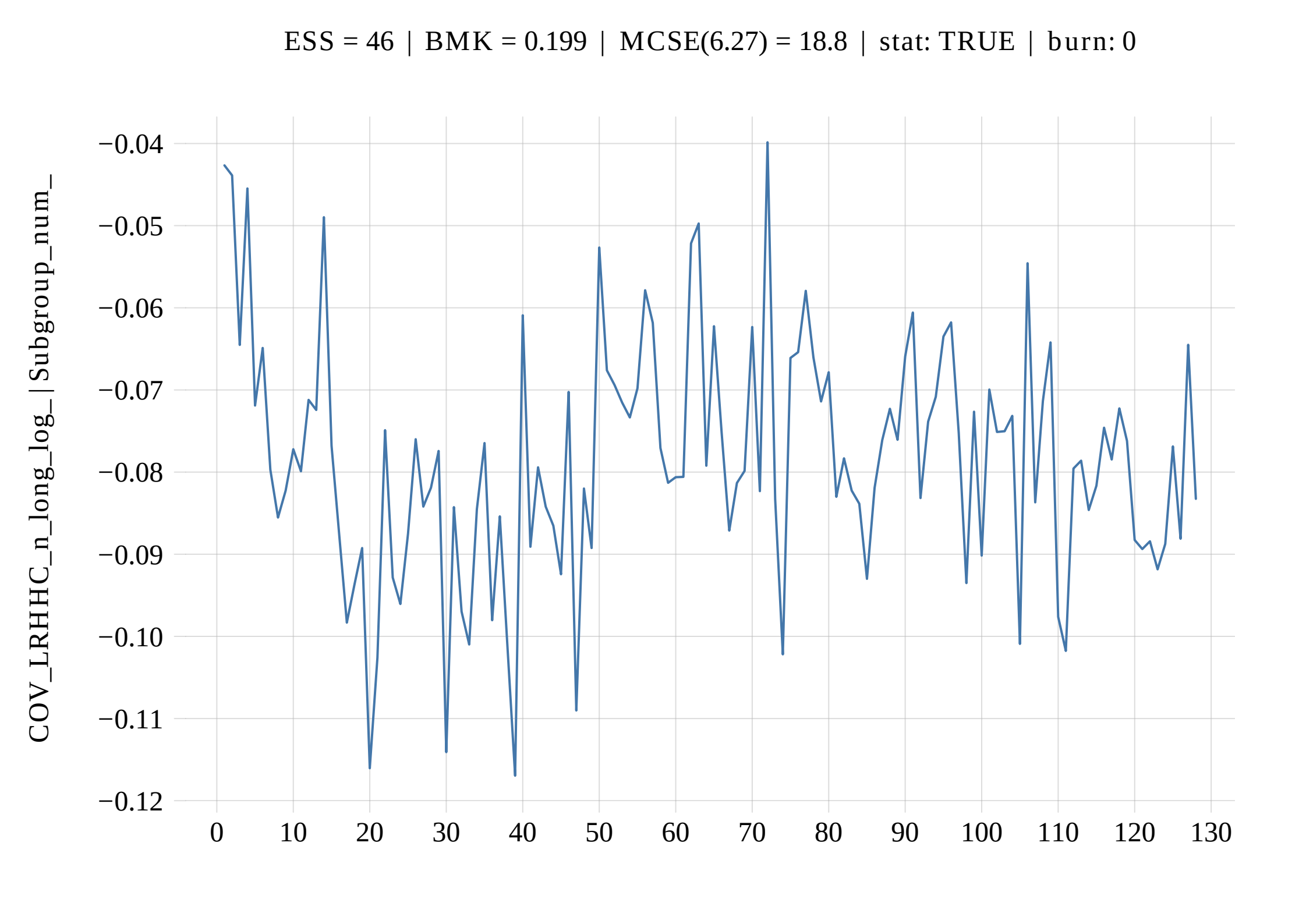

ESS = 90.5 | BMK = 0.122 | MCSE(6.27) = 11.6 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_|TRAASCOR_neuro
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
−4.0
−4.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

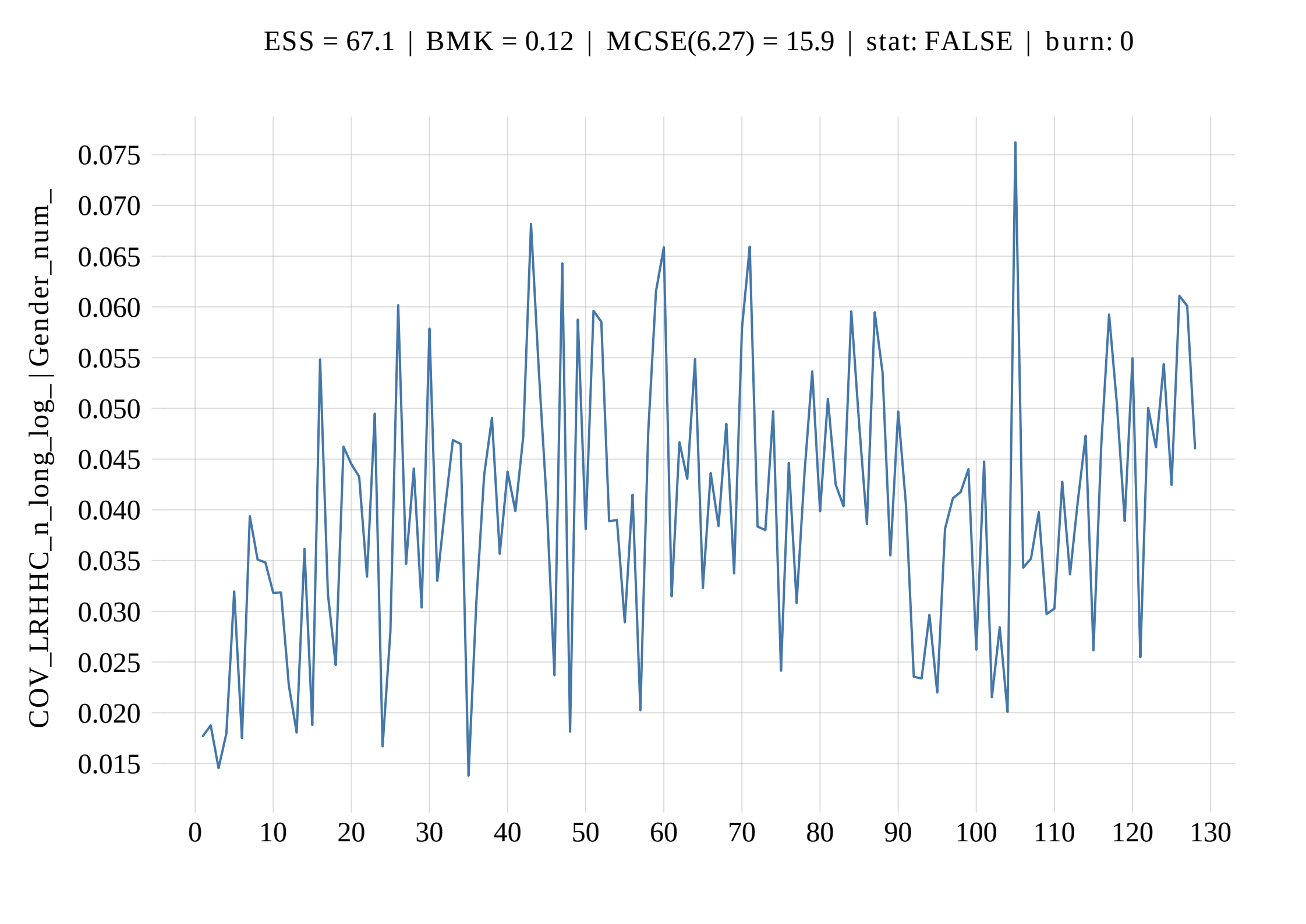

ESS = 128 | BMK = 0.124 | MCSE(6.27) = 9.76 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_|TRABSCOR_neuro
−4
−6
−8
−10
−12
−14
−16
−18
0
10
20
30
40
50
60
70
80
90
100
110
120
130

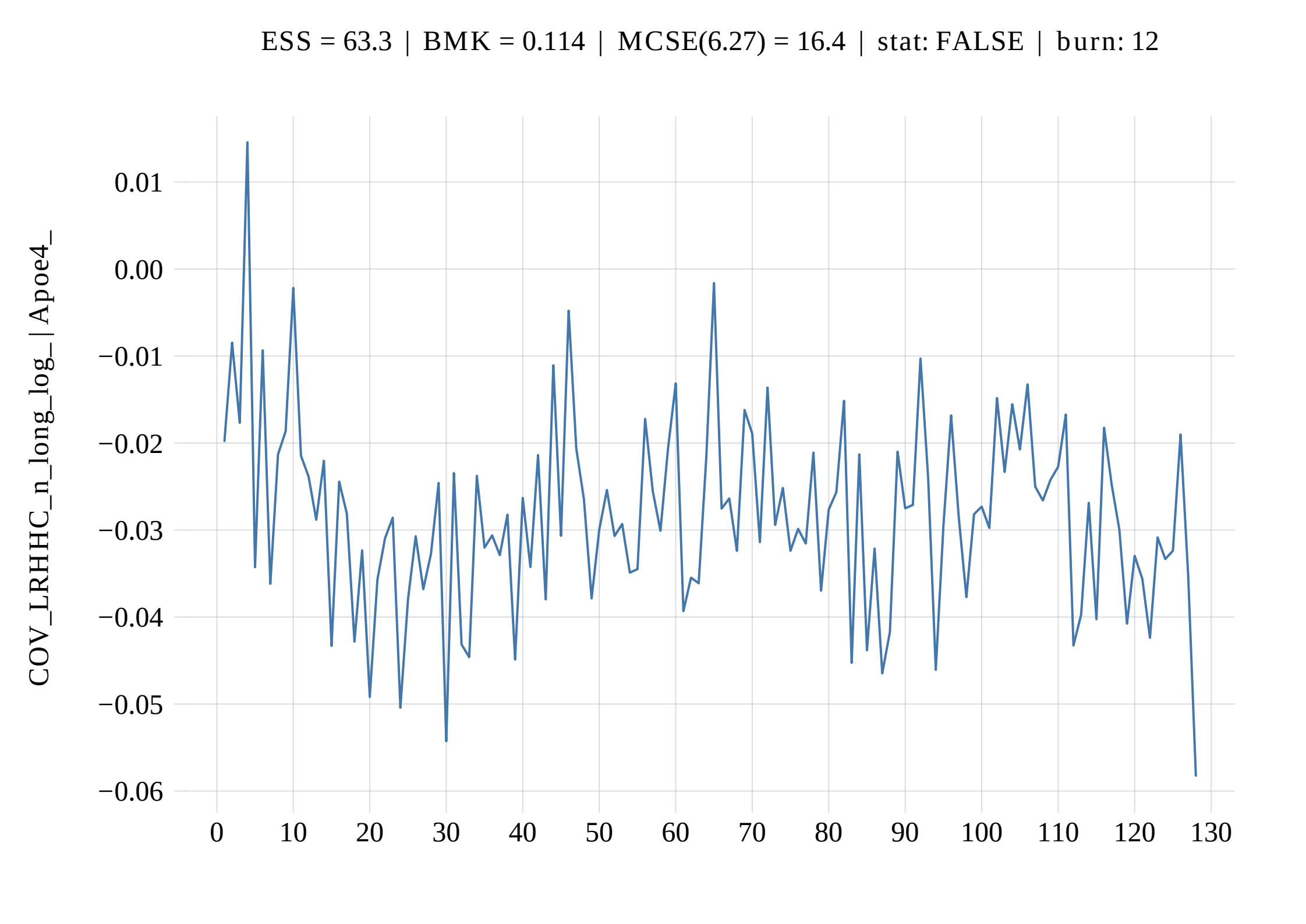

ESS = 78 | BMK = 0.113 | MCSE(6.27) = 15.2 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_|CATANIMSC_neuro
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

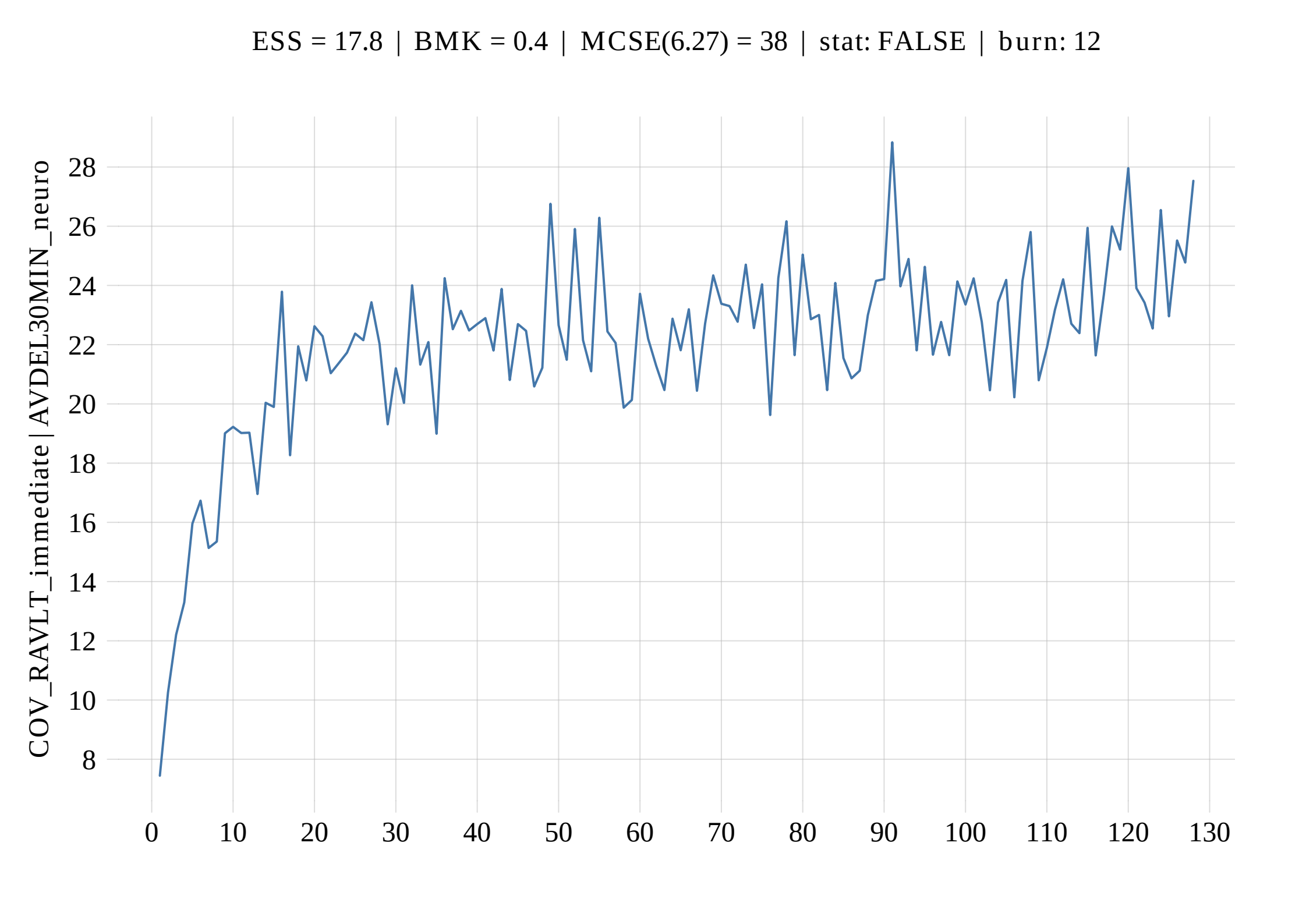

ESS = 128 | BMK = 0.205 | MCSE(6.27) = 9.04 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_|GDTOTAL_gds
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
0
10
20
30
40
50
60
70
80
90
100
110
120
130

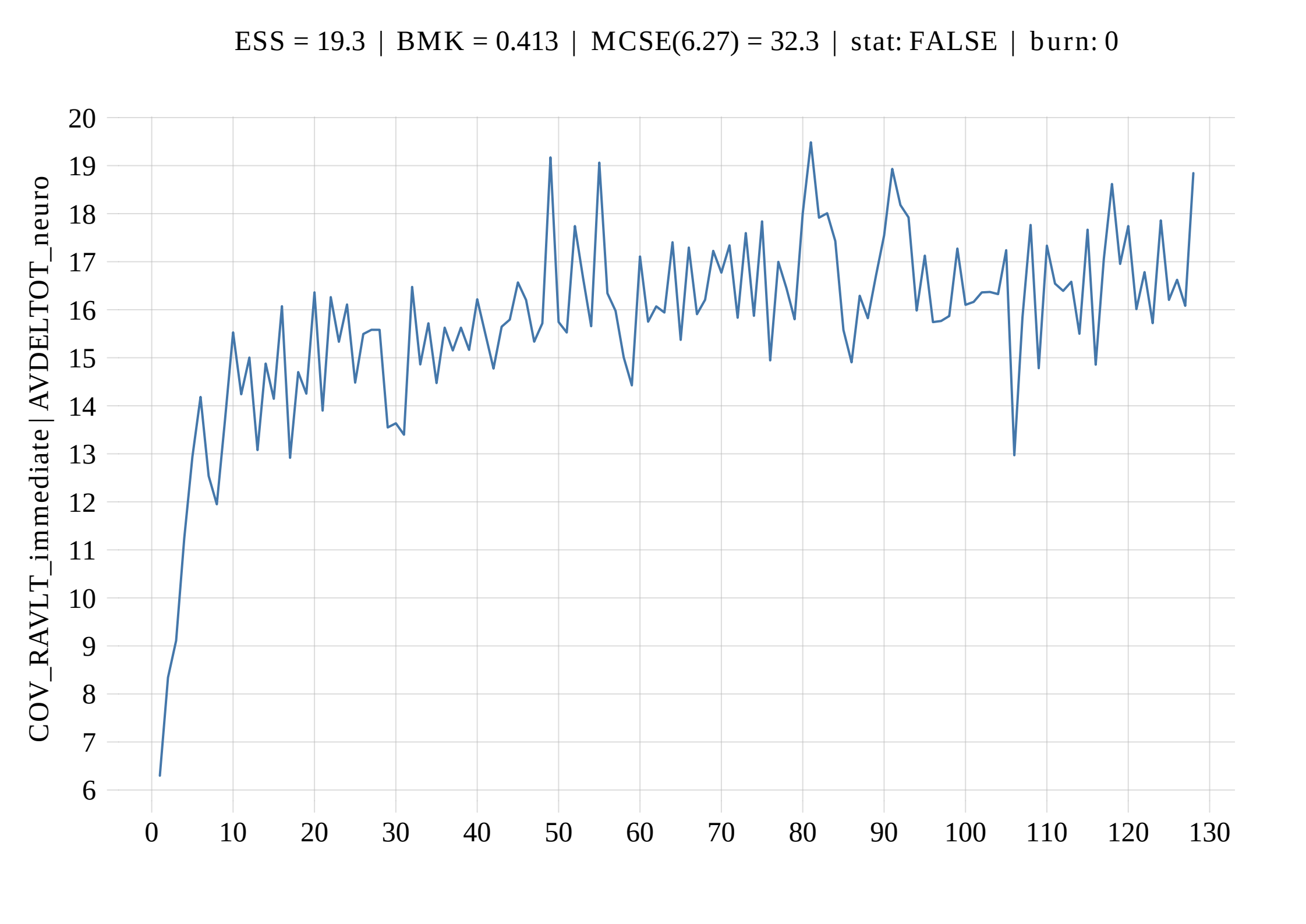

ESS = 78.6 | BMK = 0.188 | MCSE(6.27) = 13.3 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_|ANARTERR_neuro
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
0
10
20
30
40
50
60
70
80
90
100
110
120
130

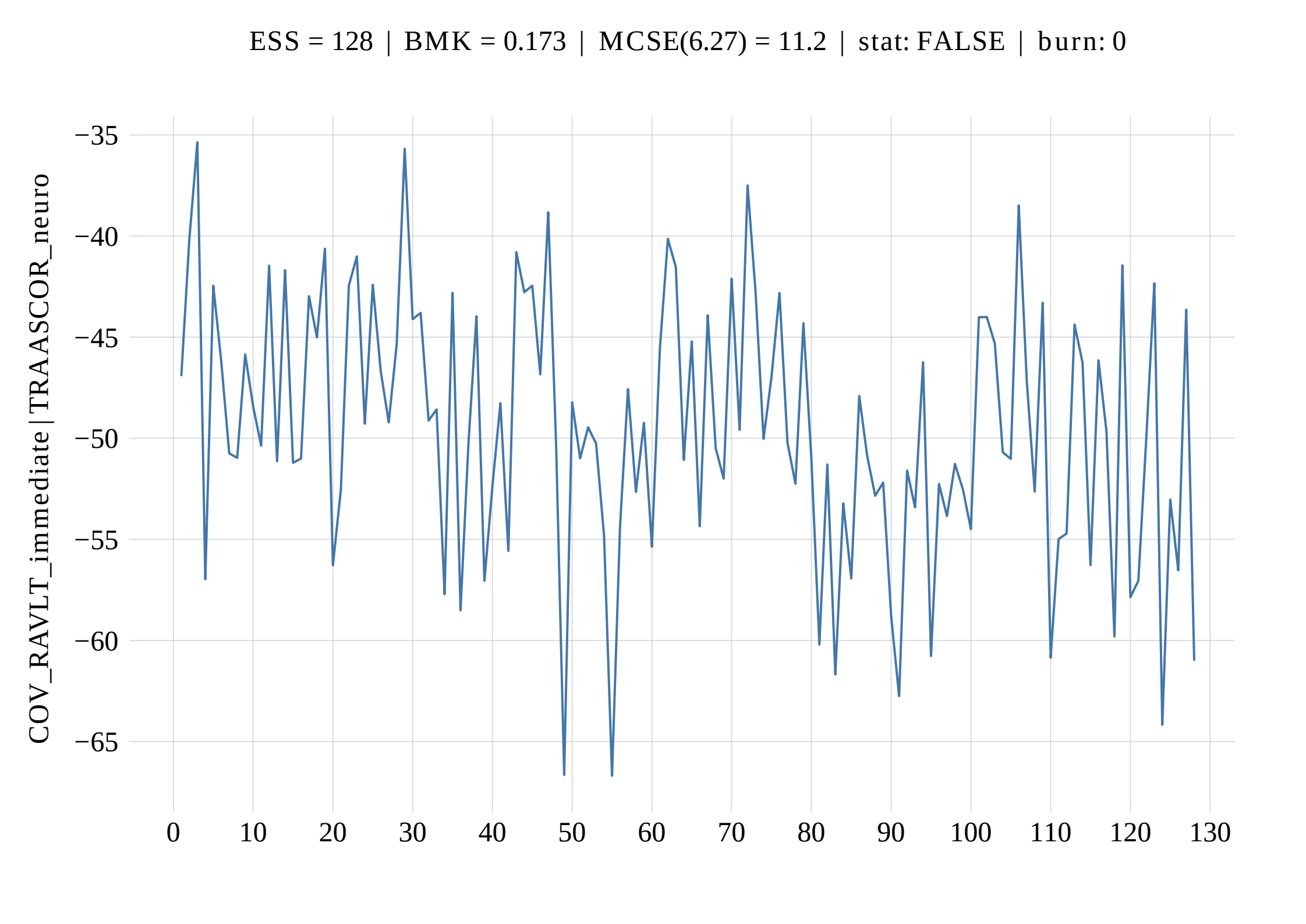

ESS = 46 | BMK = 0.199 | MCSE(6.27) = 18.8 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log_|Subgroup_num_
−0.04
−0.05
−0.06
−0.07
−0.08
−0.09
−0.10
−0.11
−0.12
0
10
20
30
40
50
60
70
80
90
100
110
120
130

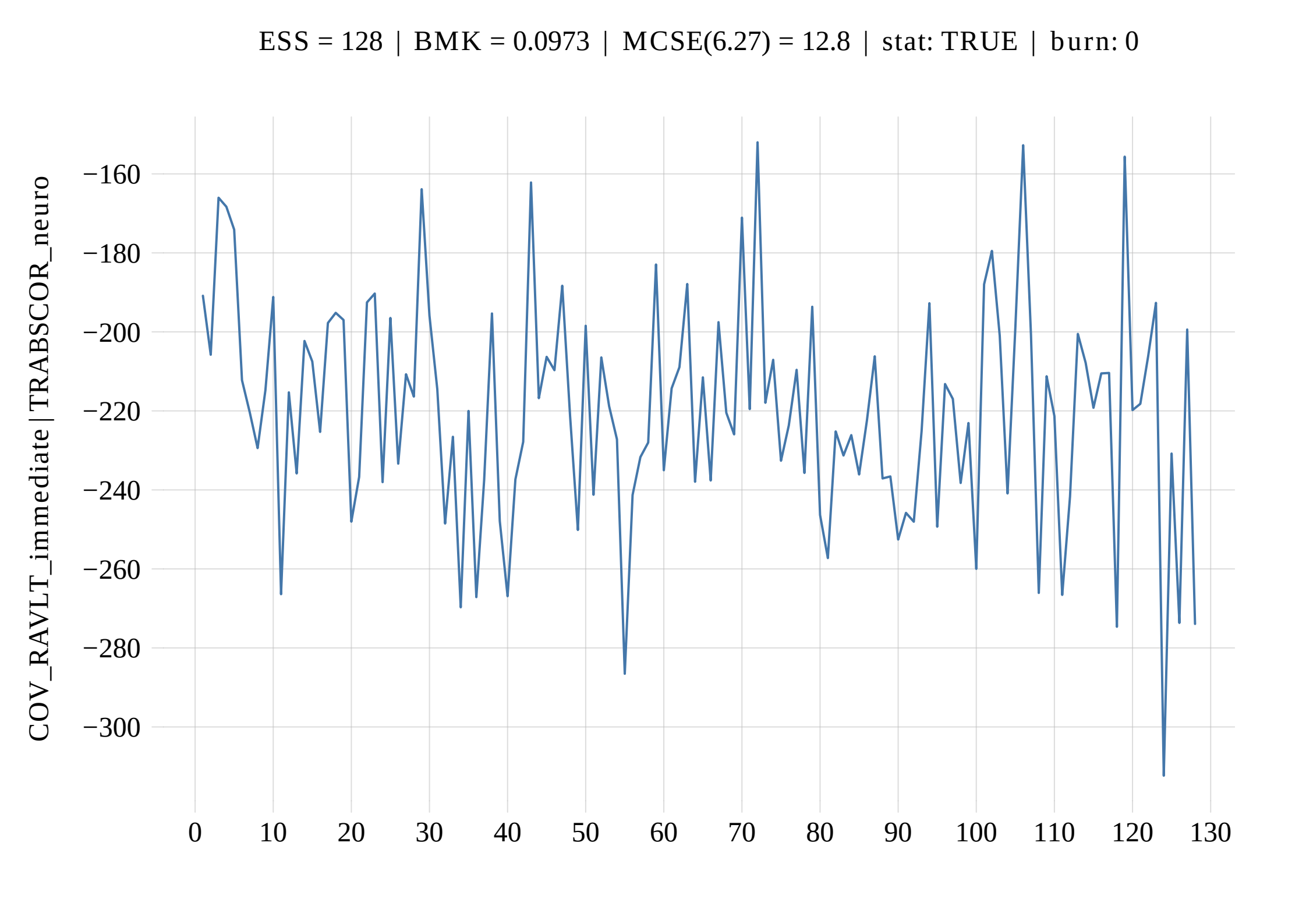

ESS = 67.1 | BMK = 0.12 | MCSE(6.27) = 15.9 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log_|Gender_num_
0.075
0.070
0.065
0.060
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0
10
20
30
40
50
60
70
80
90
100
110
120
130

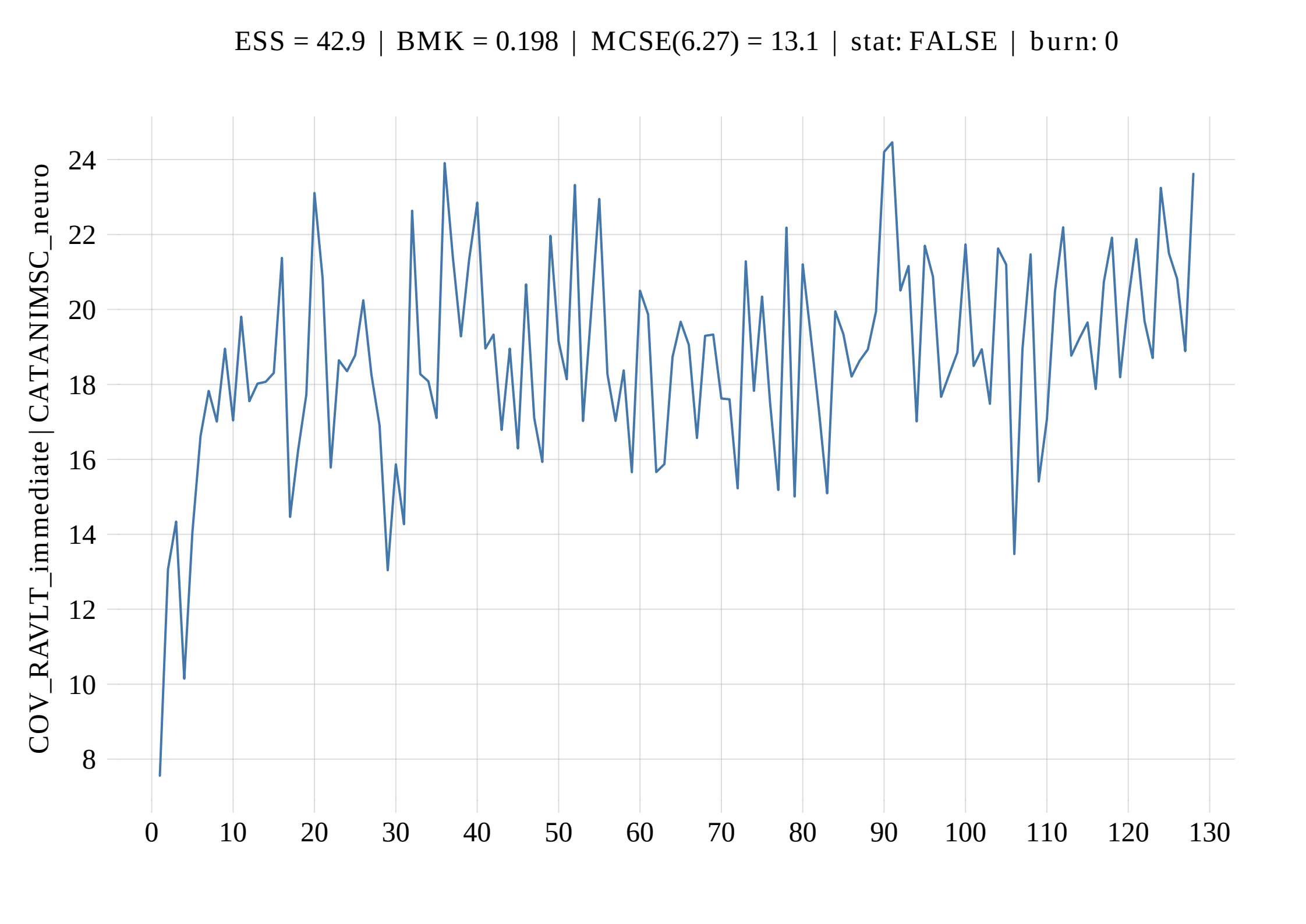

ESS = 63.3 | BMK = 0.114 | MCSE(6.27) = 16.4 | stat: FALSE | burn: 12
COV_LRHHC_n_long_log_|Apoe4_
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
0
10
20
30
40
50
60
70
80
90
100
110
120
130

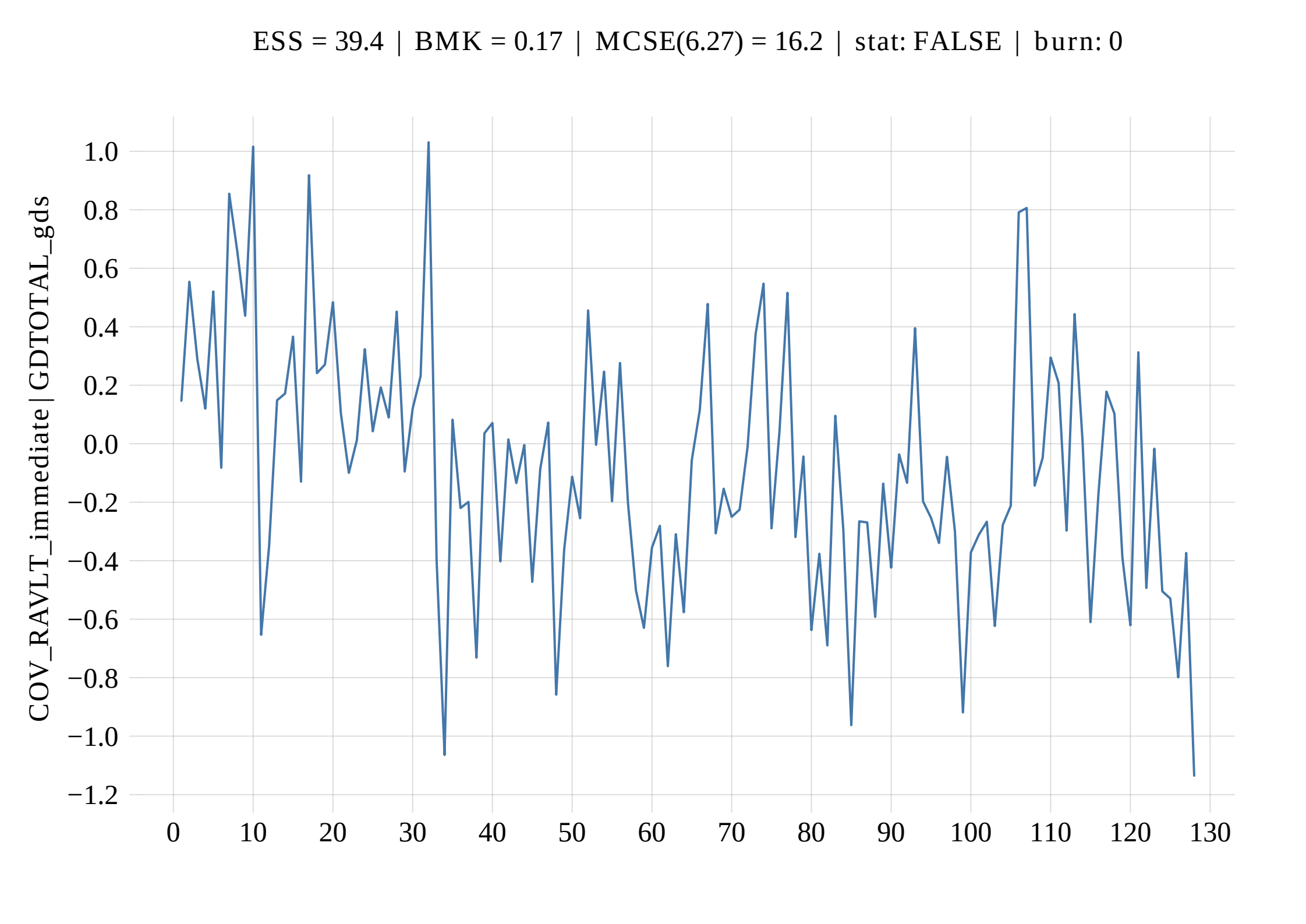

ESS = 17.8 | BMK = 0.4 | MCSE(6.27) = 38 | stat: FALSE | burn: 12
COV_RAVLT_immediate | AVDEL30MIN_neuro
28
26
24
22
20
18
16
14
12
10
8
0
10
20
30
40
50
60
70
80
90
100
110
120
130

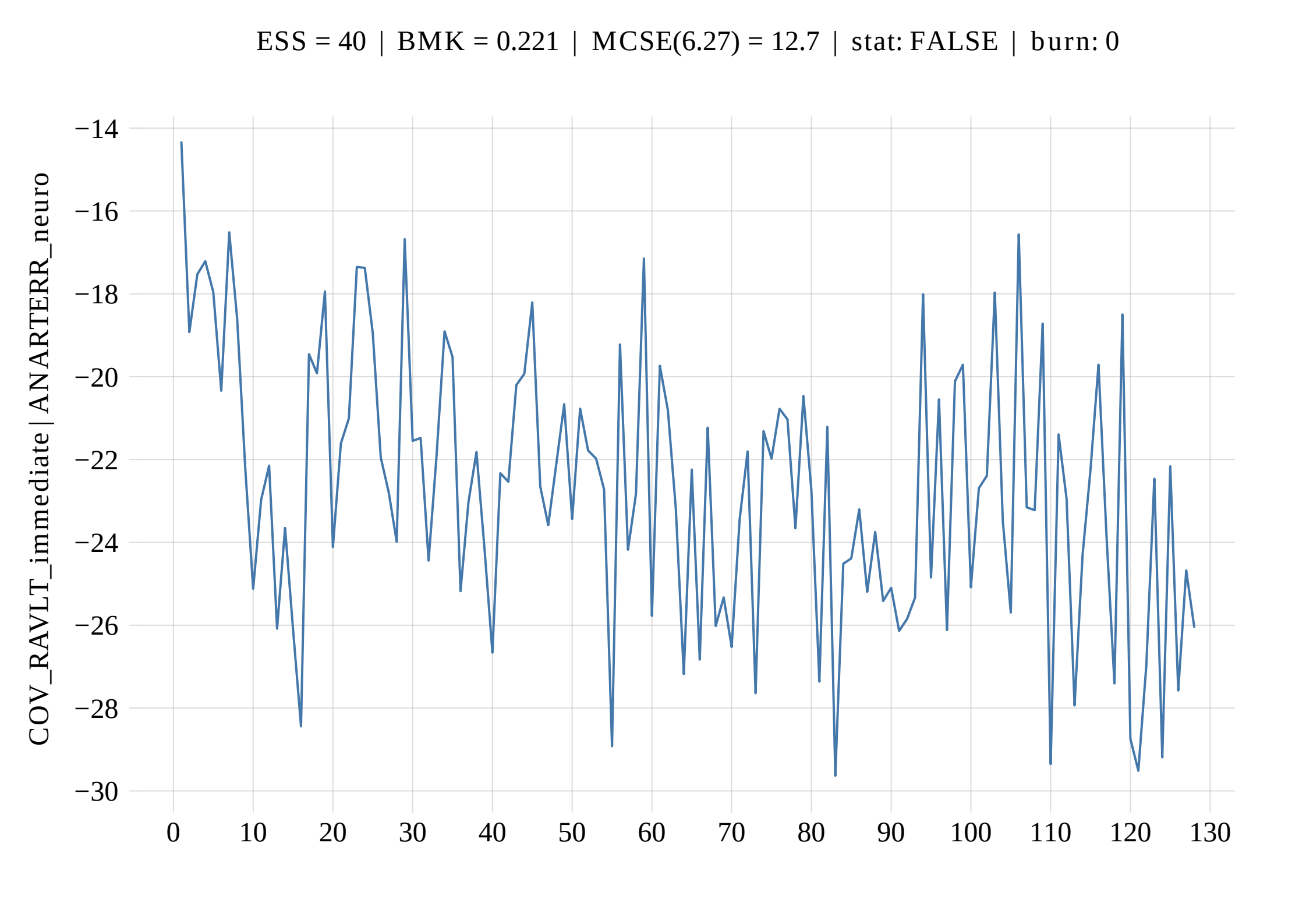

ESS = 19.3 | BMK = 0.413 | MCSE(6.27) = 32.3 | stat: FALSE | burn: 0
COV_RAVLT_immediate | AVDELTOT_neuro
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
0
10
20
30
40
50
60
70
80
90
100
110
120
130

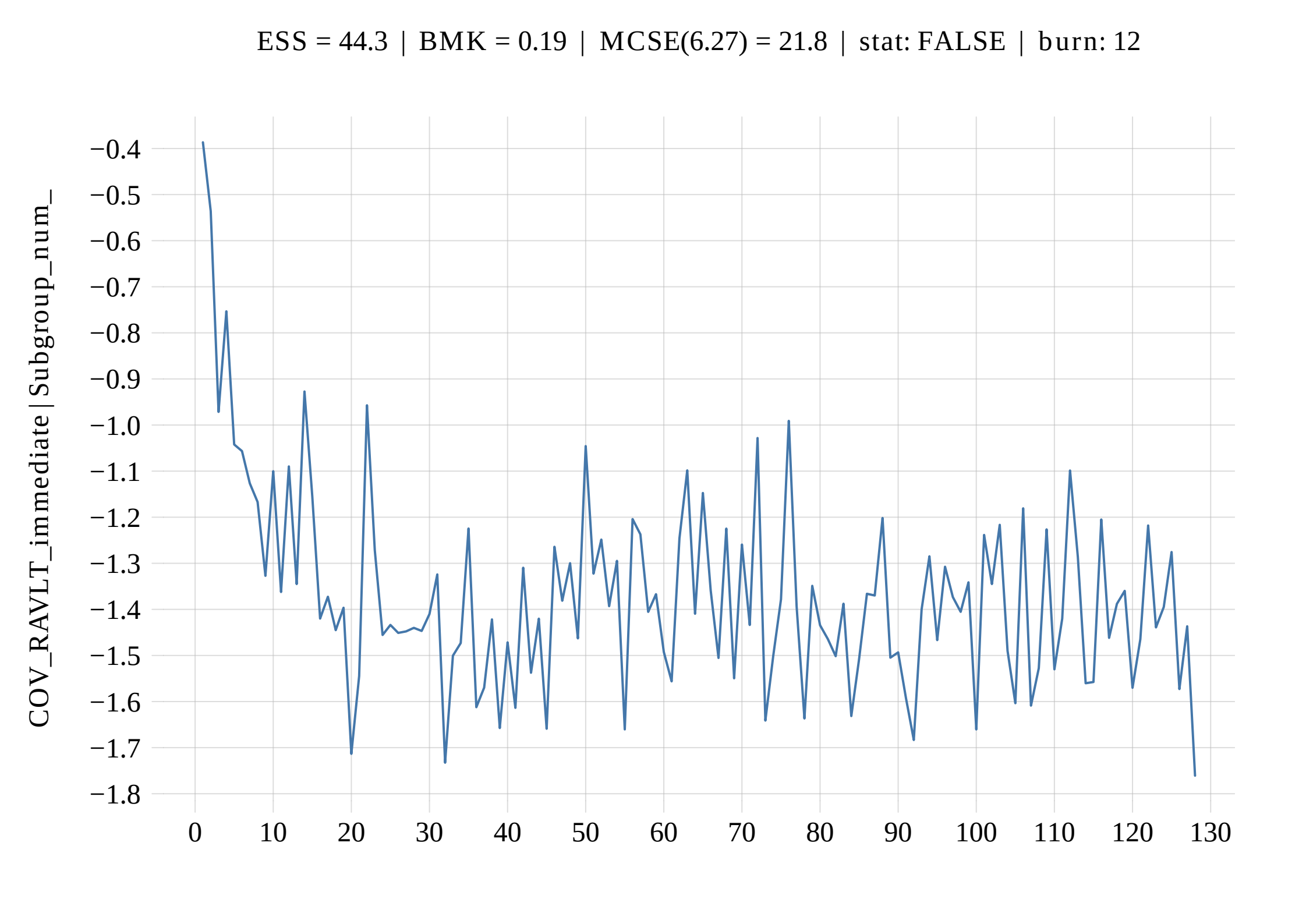

ESS = 128 | BMK = 0.173 | MCSE(6.27) = 11.2 | stat: FALSE | burn: 0
COV_RAVLT_immediate | TRAASCOR_neuro
−35
−40
−45
−50
−55
−60
−65
0
10
20
30
40
50
60
70
80
90
100
110
120
130

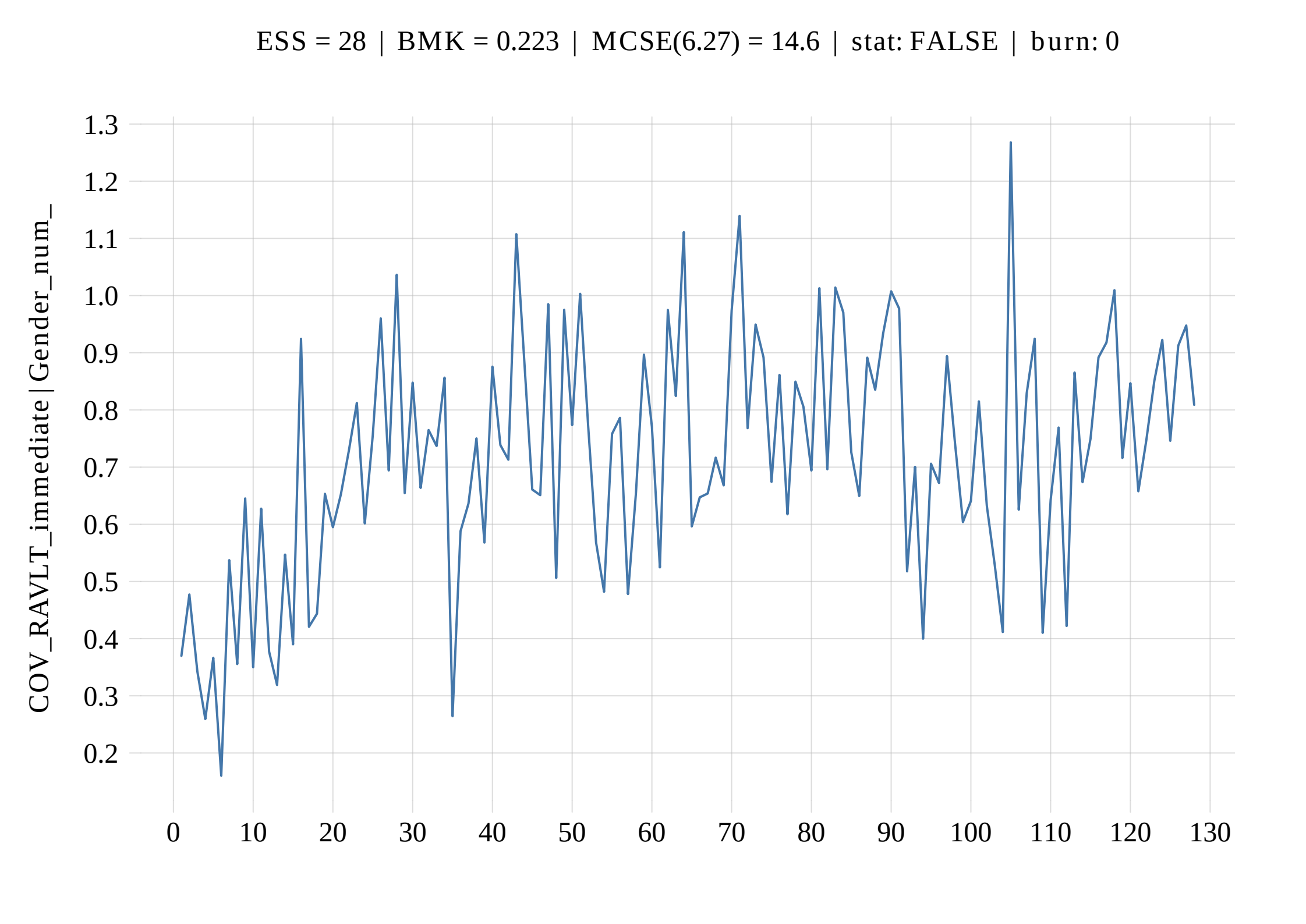

ESS = 128 | BMK = 0.0973 | MCSE(6.27) = 12.8 | stat: TRUE | burn: 0
COV_RAVLT_immediate|TRABSCOR_neuro
−160
−180
−200
−220
−240
−260
−280
−300
0
10
20
30
40
50
60
70
80
90
100
110
120
130

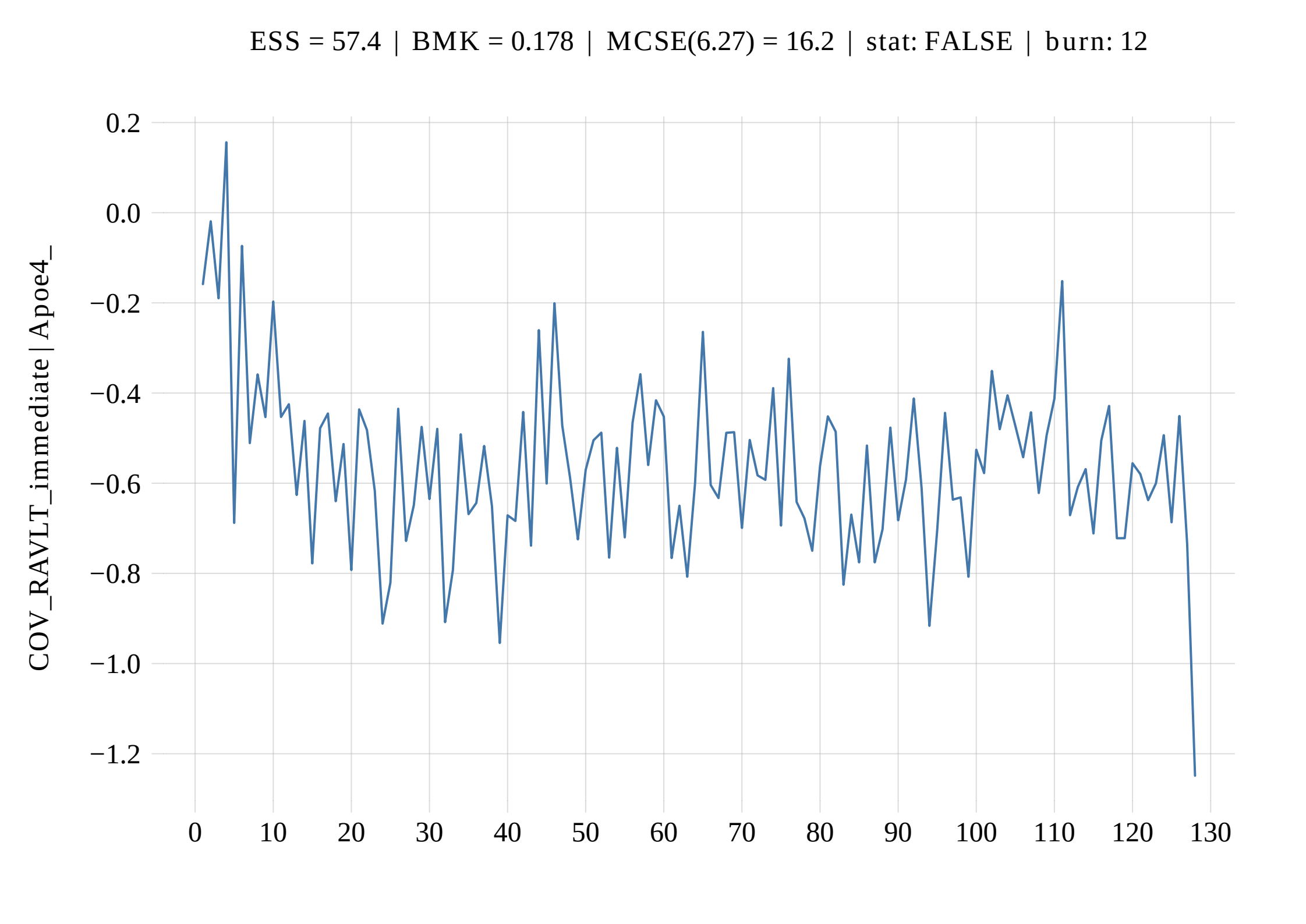

ESS = 42.9 | BMK = 0.198 | MCSE(6.27) = 13.1 | stat: FALSE | burn: 0
COV_RAVLT_immediate|CATANIMSC_neuro
24
22
20
18
16
14
12
10
8
0
10
20
30
40
50
60
70
80
90
100
110
120
130

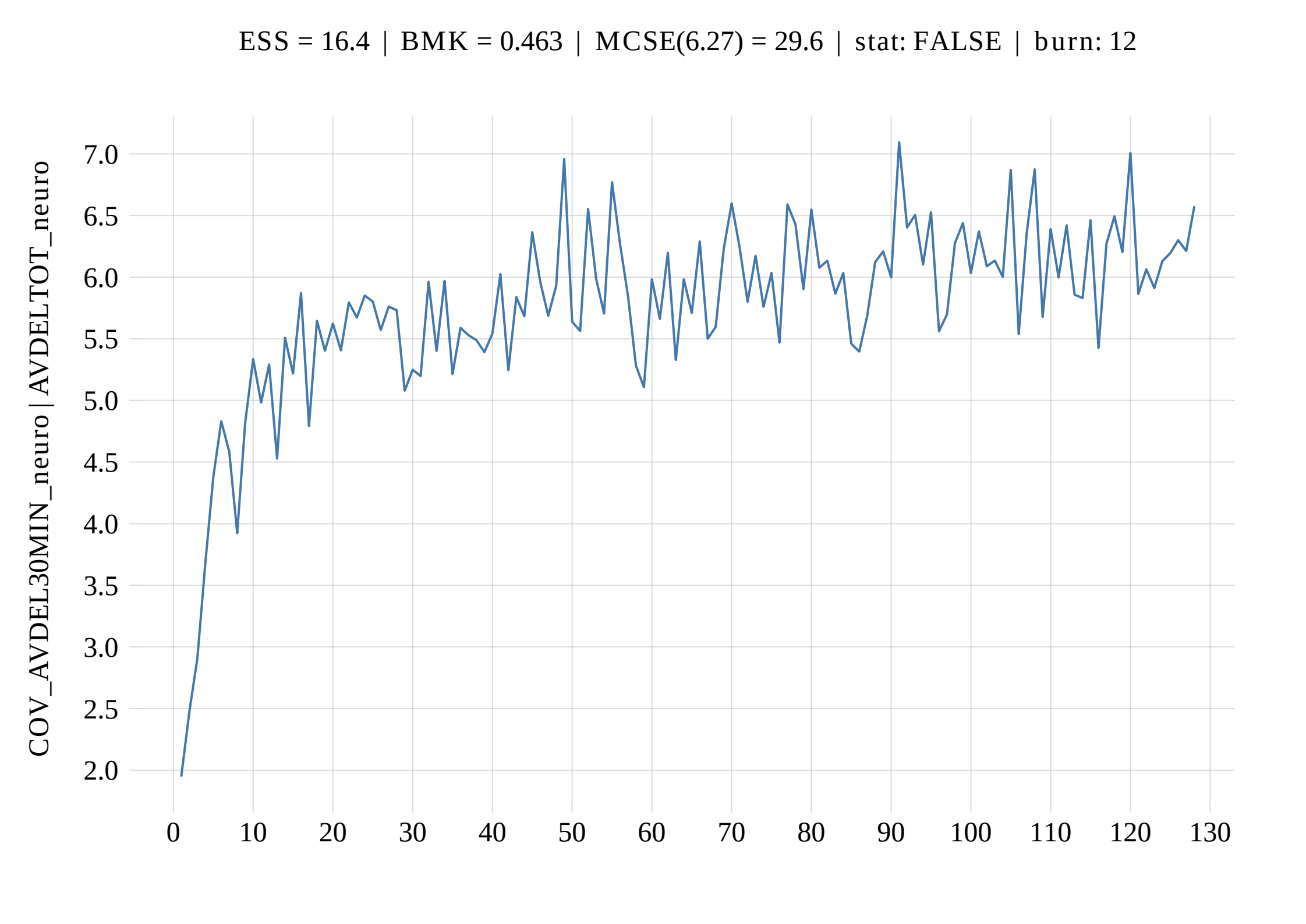

ESS = 39.4 | BMK = 0.17 | MCSE(6.27) = 16.2 | stat: FALSE | burn: 0
COV_RAVLT_immediate|GDTOTAL_gds
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
10
20
30
40
50
60
70
80
90
100
110
120
130

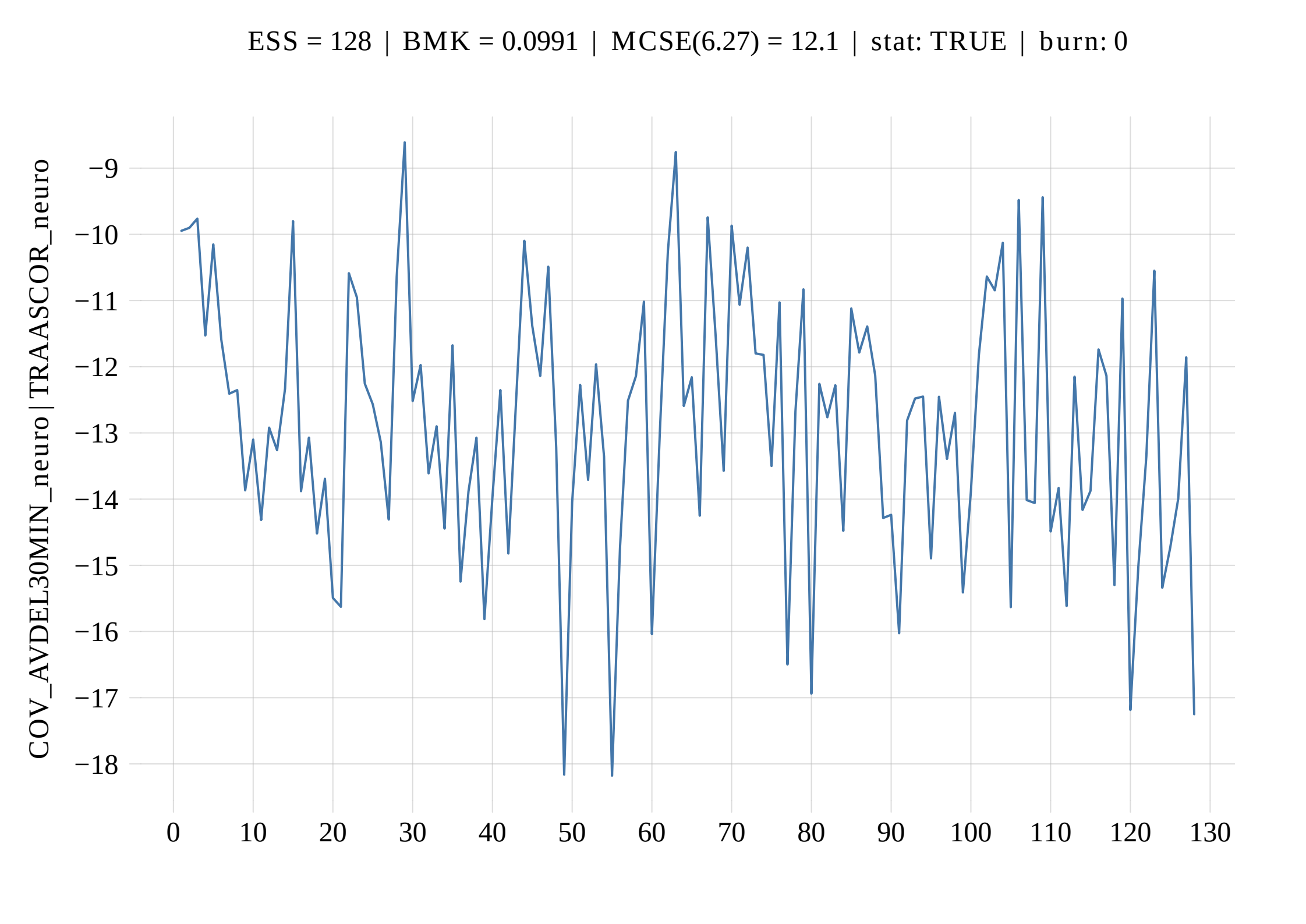

ESS = 40 | BMK = 0.221 | MCSE(6.27) = 12.7 | stat: FALSE | burn: 0
COV_RAVLT_immediate | ANARTERR_neuro
−14
−16
−18
−20
−22
−24
−26
−28
−30
0
10
20
30
40
50
60
70
80
90
100
110
120
130

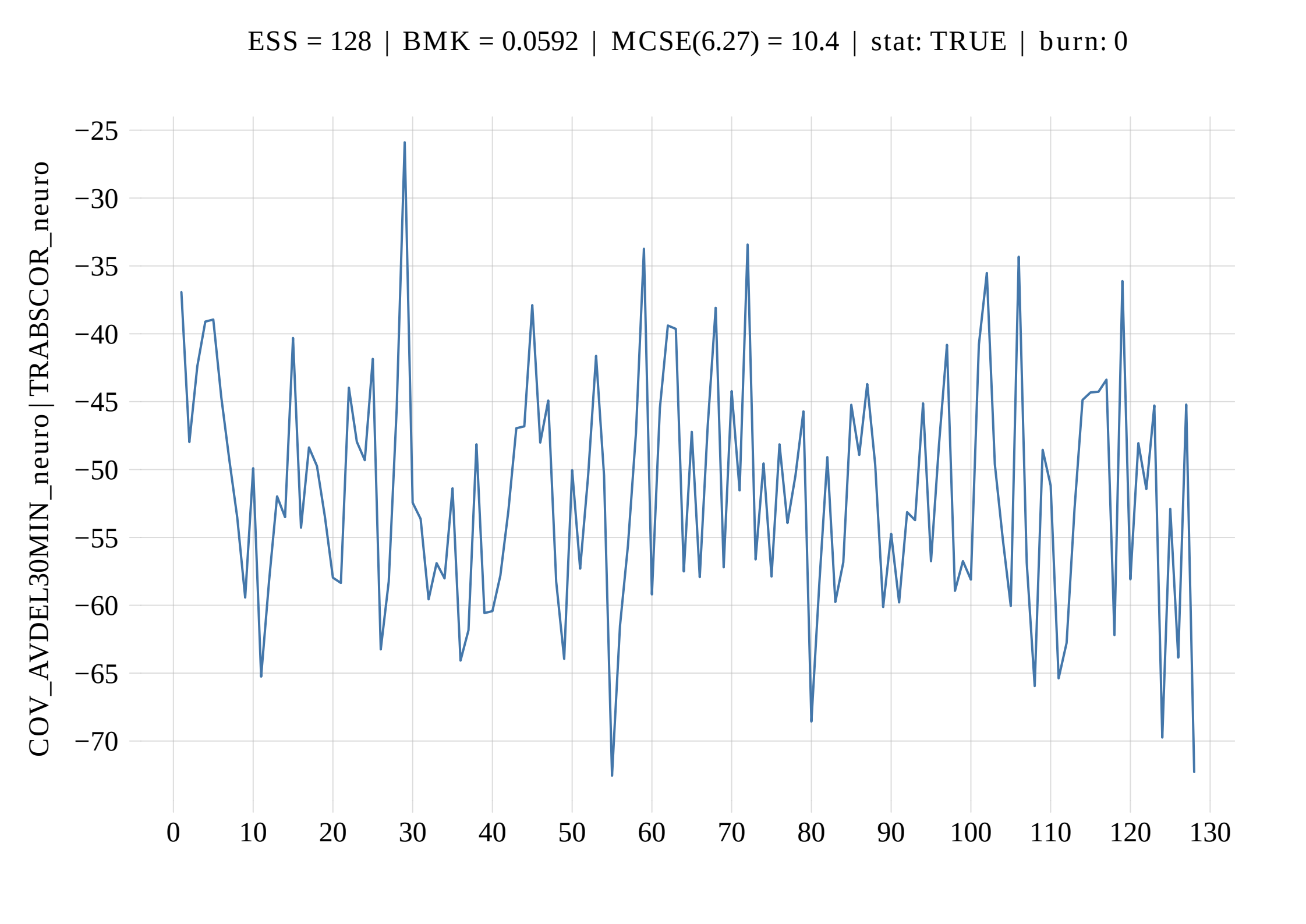

ESS = 44.3 | BMK = 0.19 | MCSE(6.27) = 21.8 | stat: FALSE | burn: 12
COV_RAVLT_immediate | Subgroup_num_
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
−1.2
−1.3
−1.4
−1.5
−1.6
−1.7
−1.8
0
10
20
30
40
50
60
70
80
90
100
110
120
130

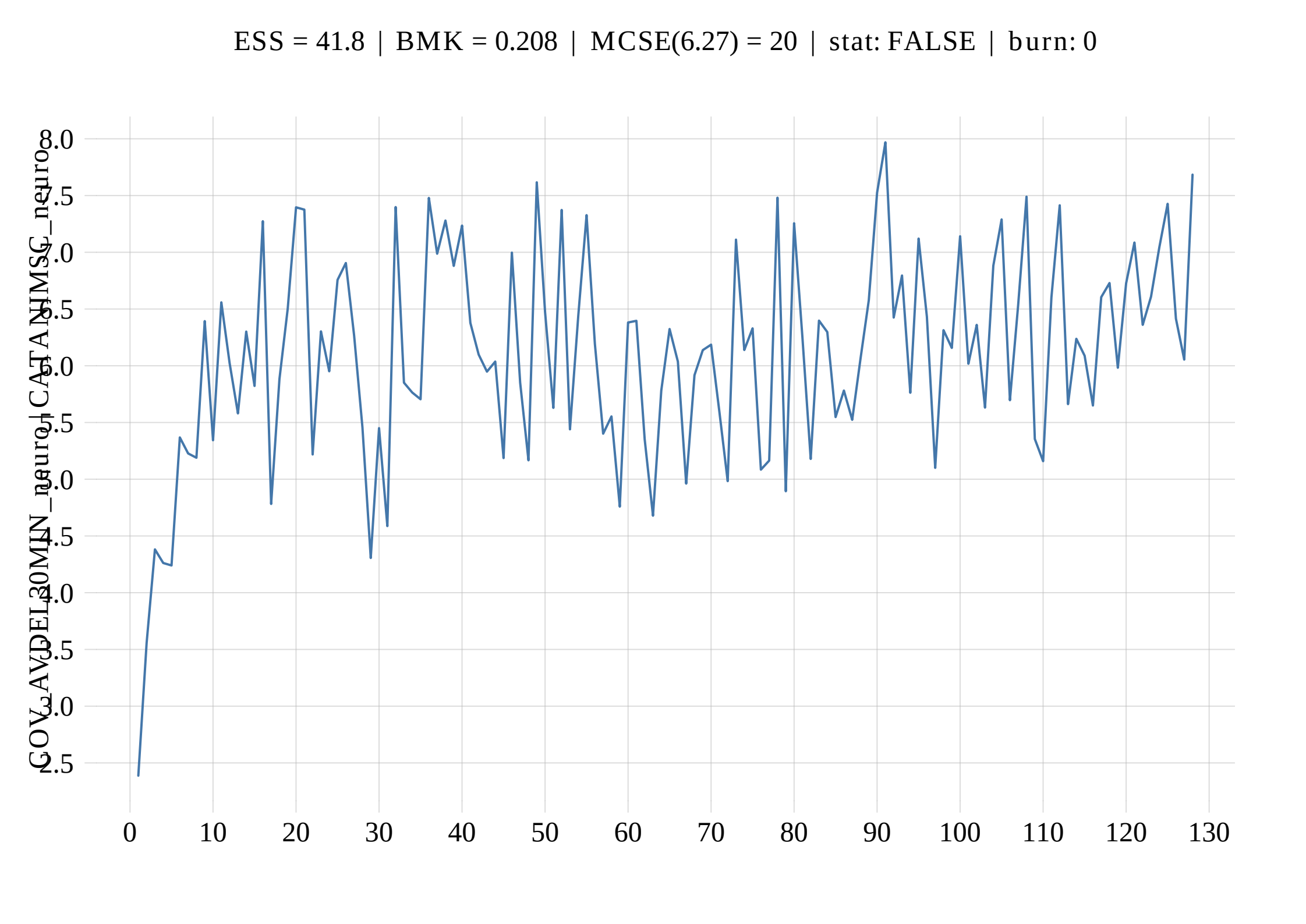

ESS = 28 | BMK = 0.223 | MCSE(6.27) = 14.6 | stat: FALSE | burn: 0
COV_RAVLT_immediate|Gender_num_
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0
10
20
30
40
50
60
70
80
90
100
110
120
130

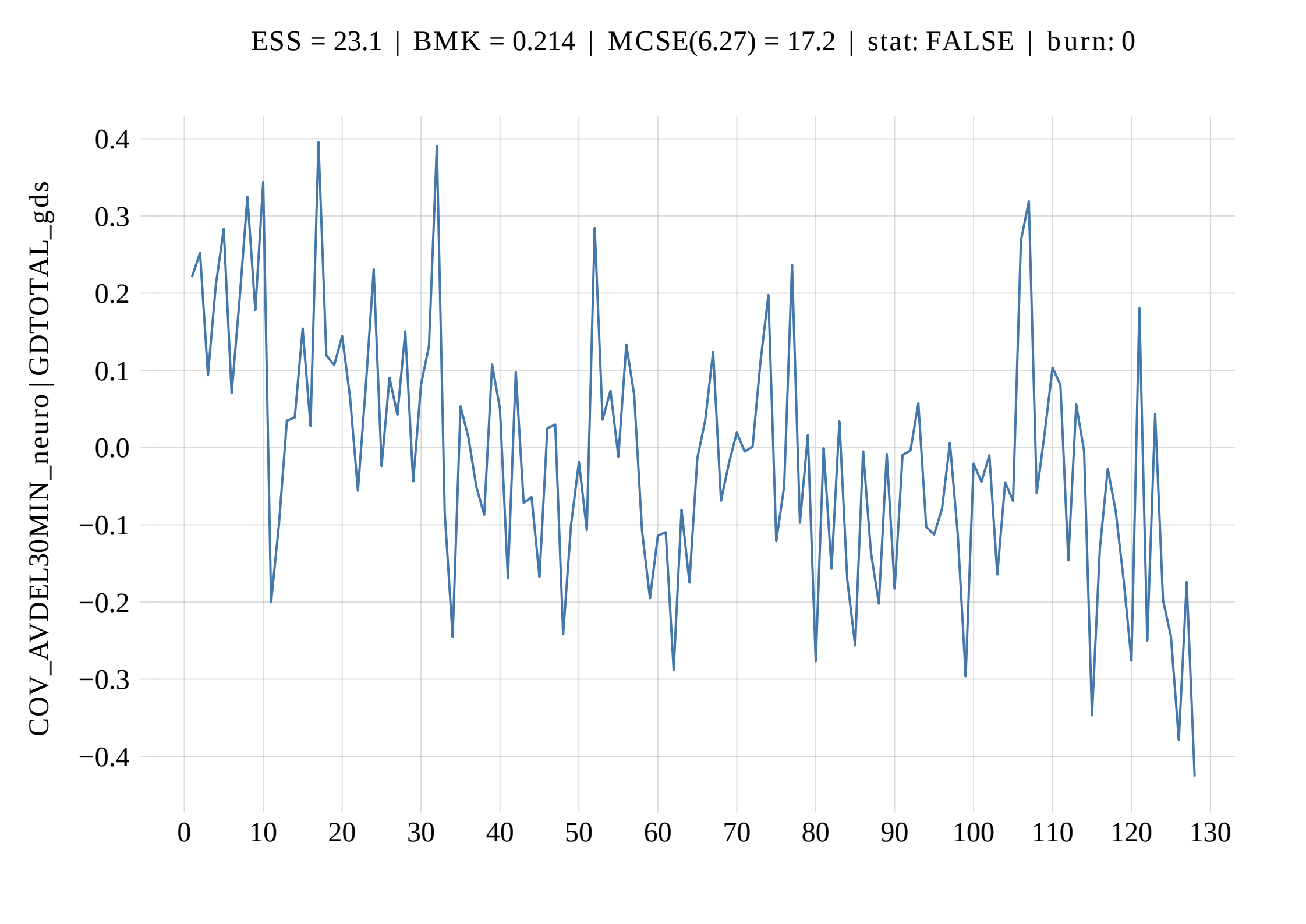

ESS = 57.4 | BMK = 0.178 | MCSE(6.27) = 16.2 | stat: FALSE | burn: 12
COV_RAVLT_immediate | Apoe4_
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
10
20
30
40
50
60
70
80
90
100
110
120
130

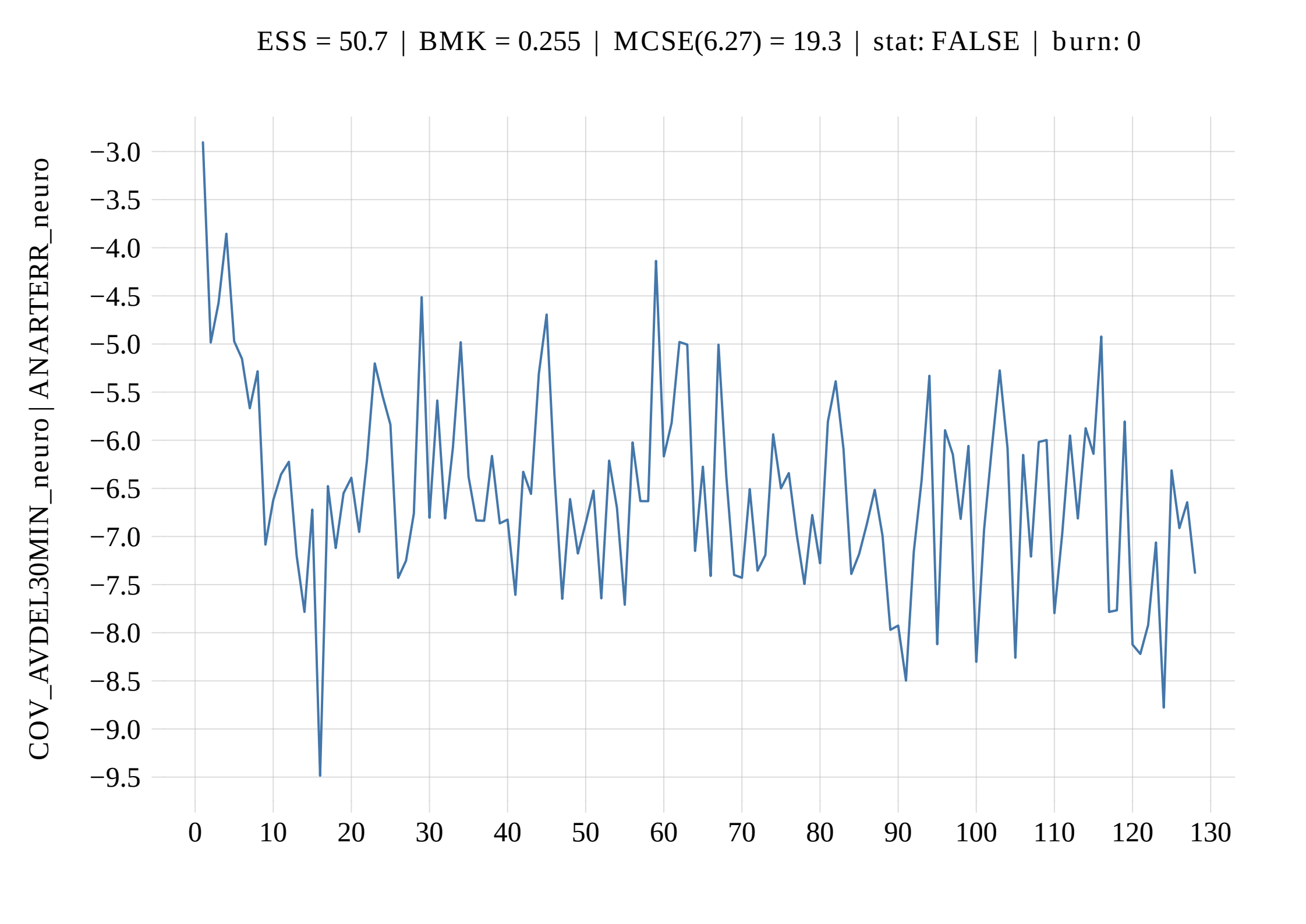

ESS = 16.4 | BMK = 0.463 | MCSE(6.27) = 29.6 | stat: FALSE | burn: 12
COV_AVDEL30MIN_neuro | AVDELTOT_neuro
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

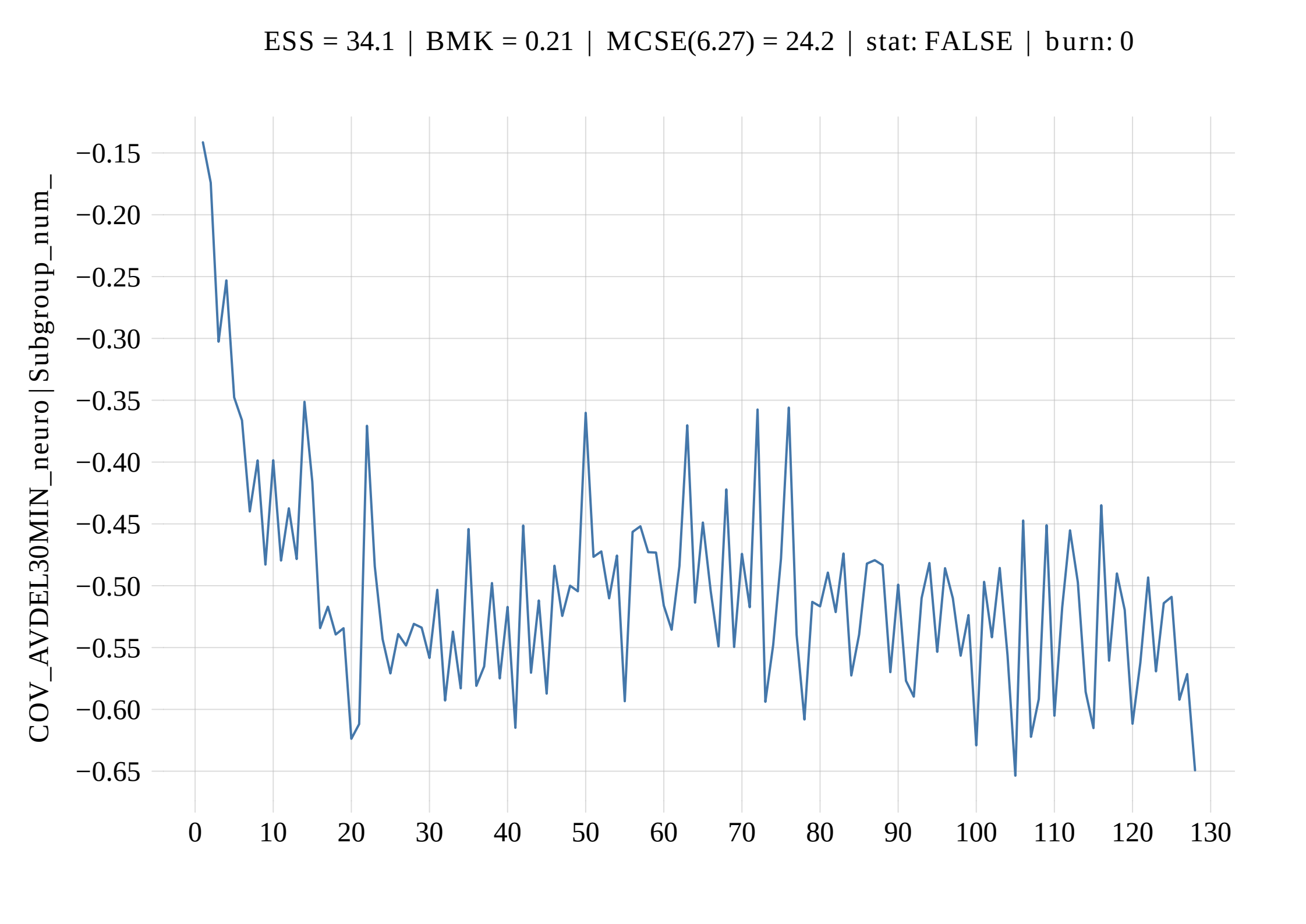

ESS = 128 | BMK = 0.0991 | MCSE(6.27) = 12.1 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | TRAASCOR_neuro
−9
−10
−11
−12
−13
−14
−15
−16
−17
−18
0
10
20
30
40
50
60
70
80
90
100
110
120
130

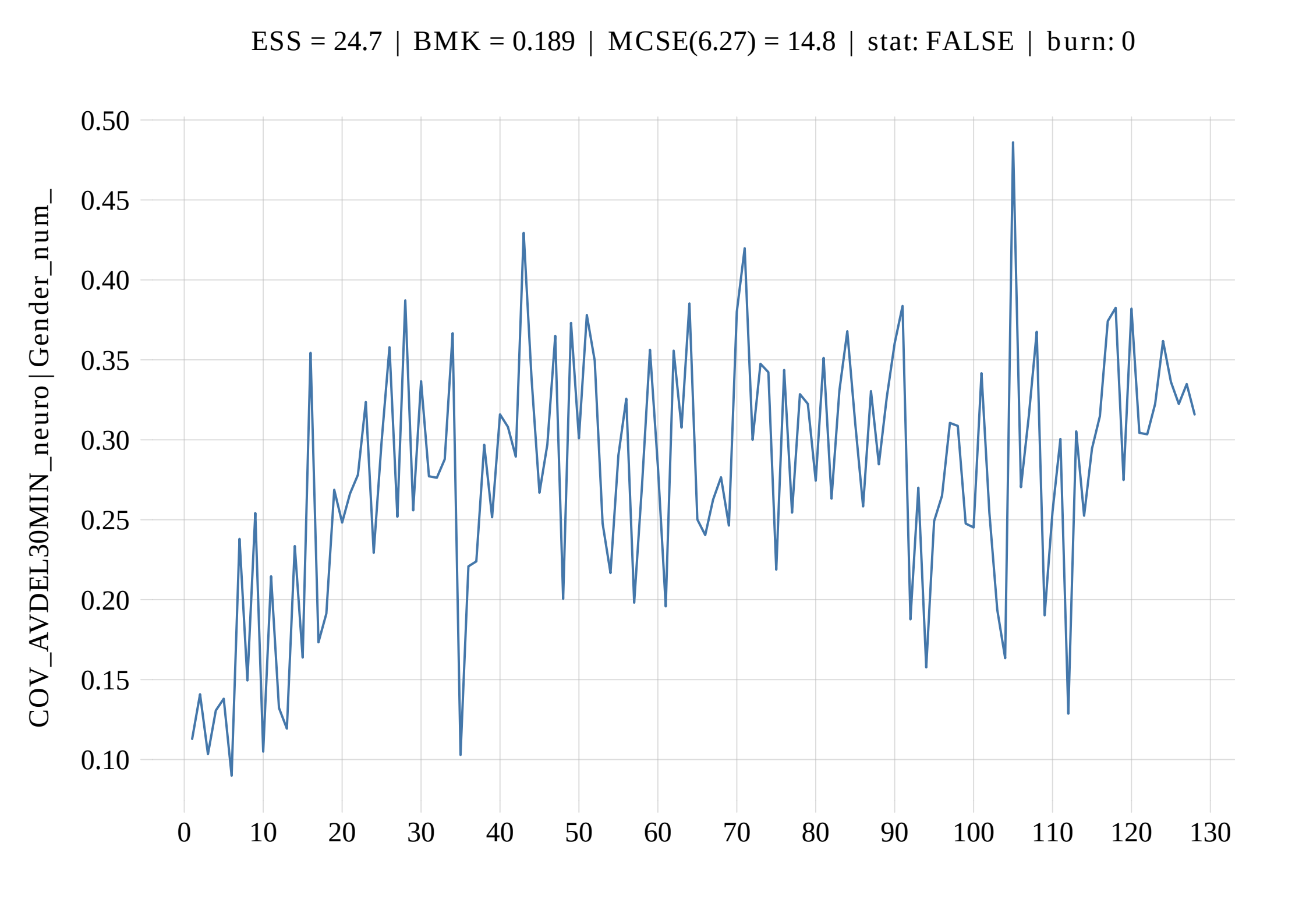

ESS = 128 | BMK = 0.0592 | MCSE(6.27) = 10.4 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | TRABSCOR_neuro
−25
−30
−35
−40
−45
−50
−55
−60
−65
−70
0
10
20
30
40
50
60
70
80
90
100
110
120
130

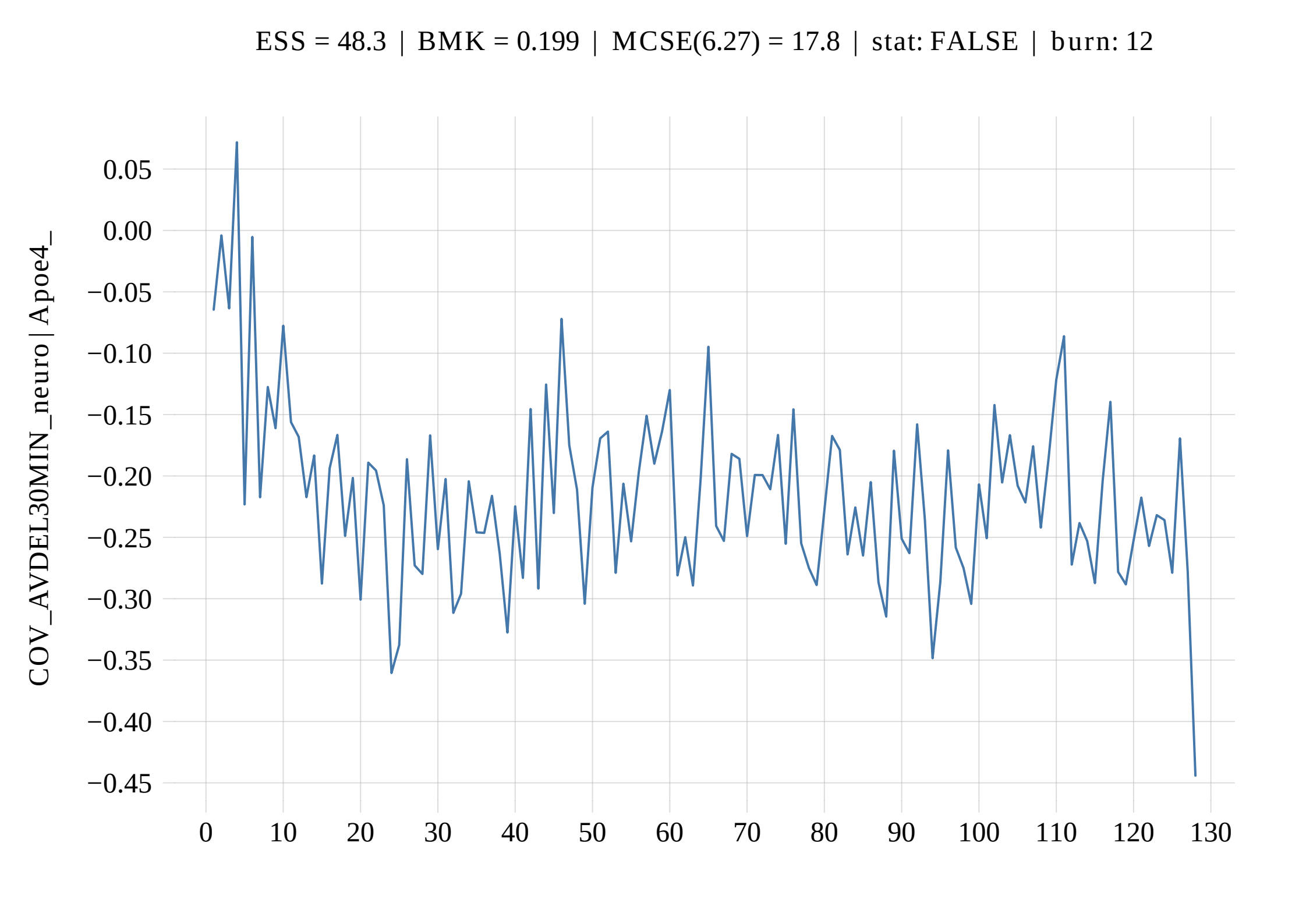

ESS = 41.8 | BMK = 0.208 | MCSE(6.27) = 20 | stat: FALSE | burn: 0
COV_AVDEL_30MIN_neuro | CATANIMSC_neuro
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

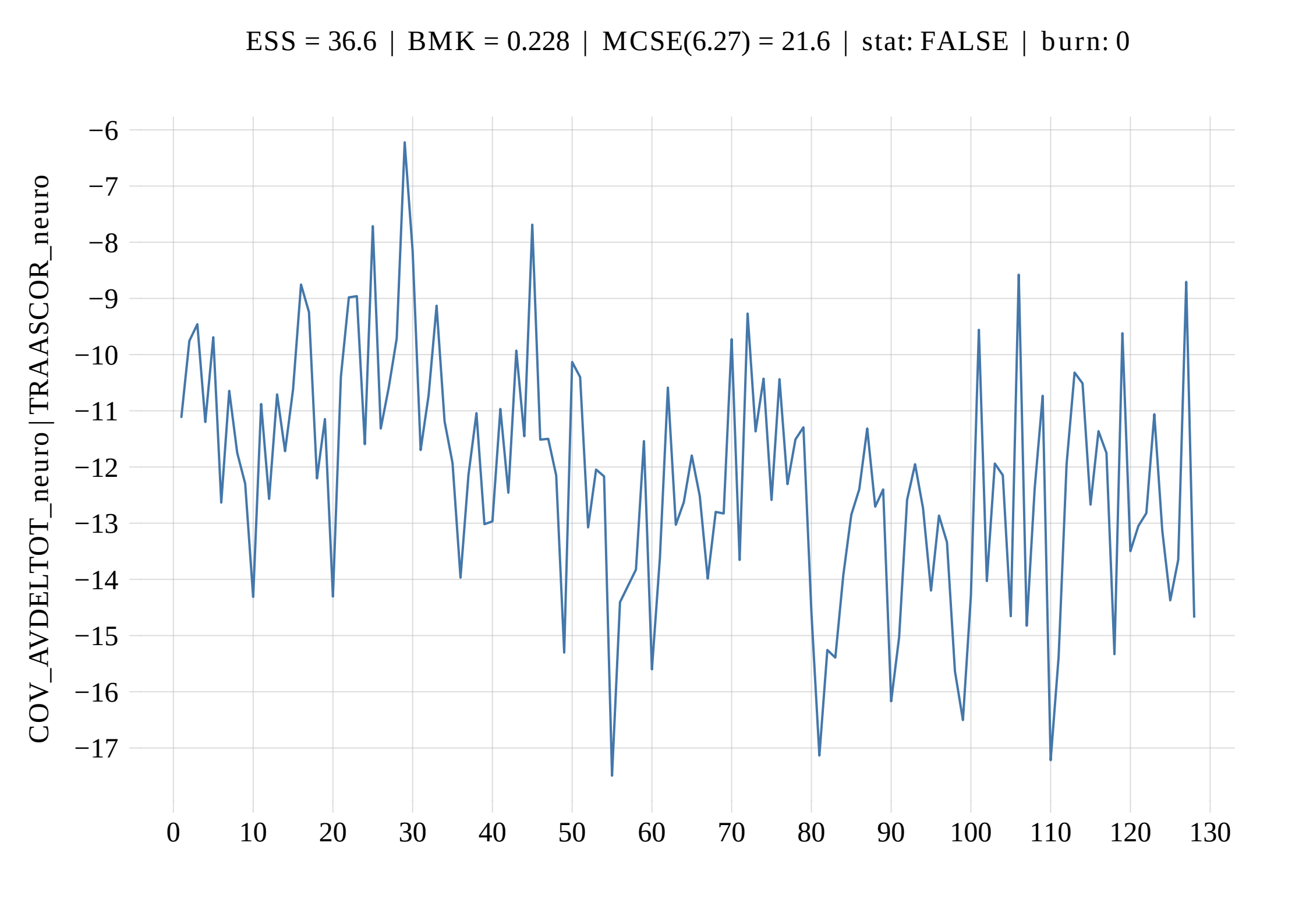

ESS = 23.1 | BMK = 0.214 | MCSE(6.27) = 17.2 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|GDTOTAL_gds
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
10
20
30
40
50
60
70
80
90
100
110
120
130

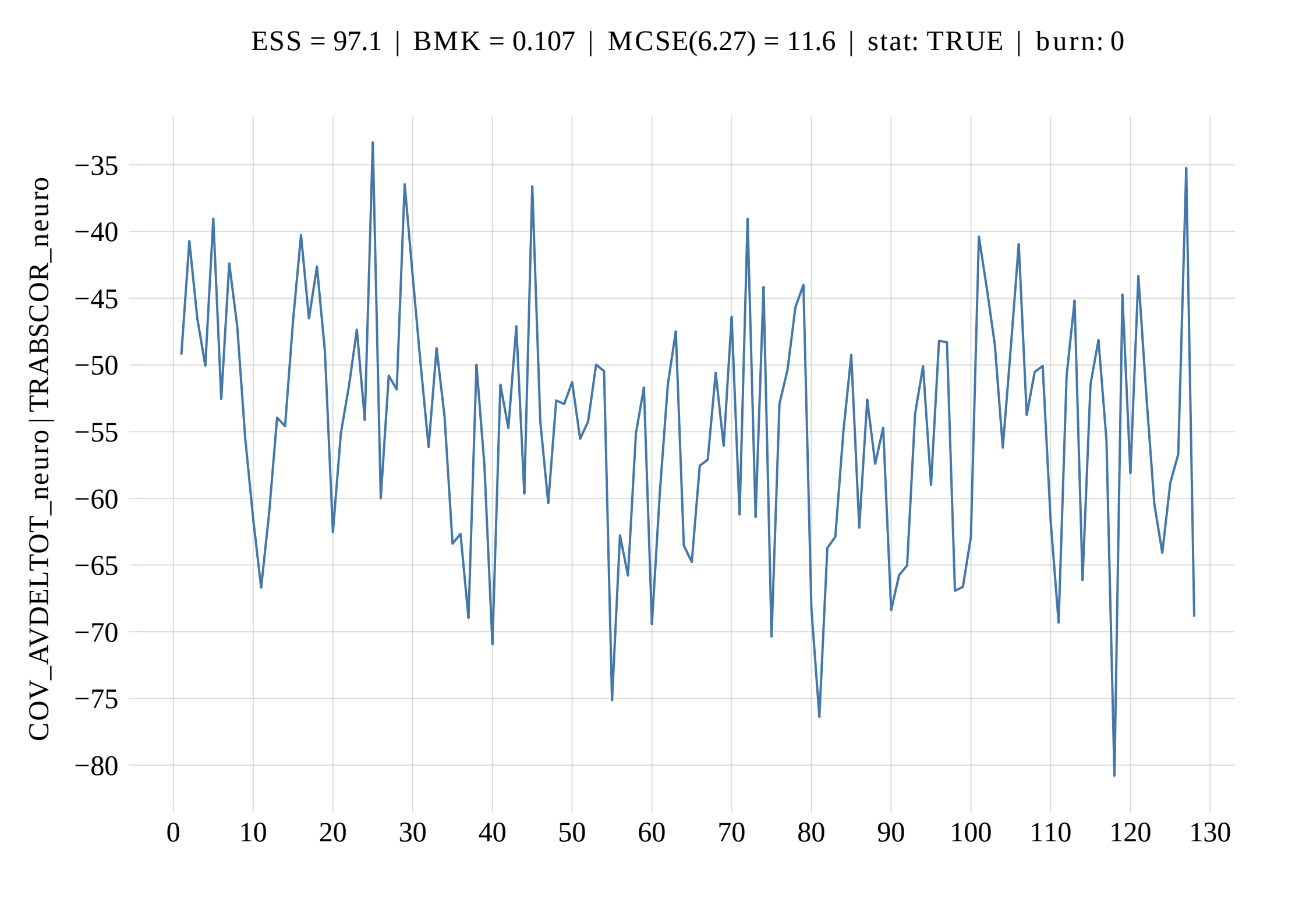

ESS = 50.7 | BMK = 0.255 | MCSE(6.27) = 19.3 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | ANARTERR_neuro
−3.0
−3.5
−4.0
−4.5
−5.0
−5.5
−6.0
−6.5
−7.0
−7.5
−8.0
−8.5
−9.0
−9.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

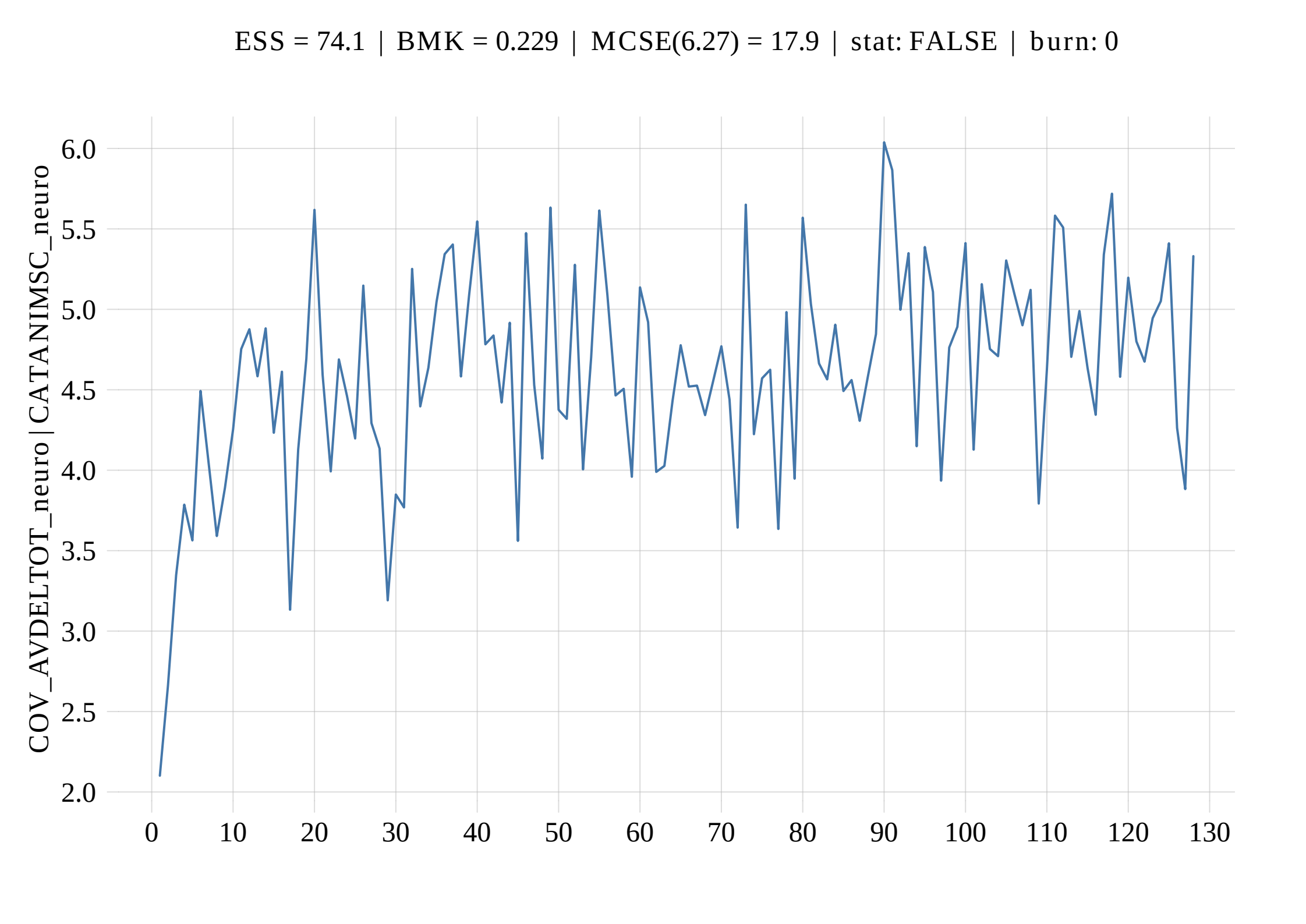

ESS = 34.1 | BMK = 0.21 | MCSE(6.27) = 24.2 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|Subgroup_num_
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
−0.65
0
10
20
30
40
50
60
70
80
90
100
110
120
130

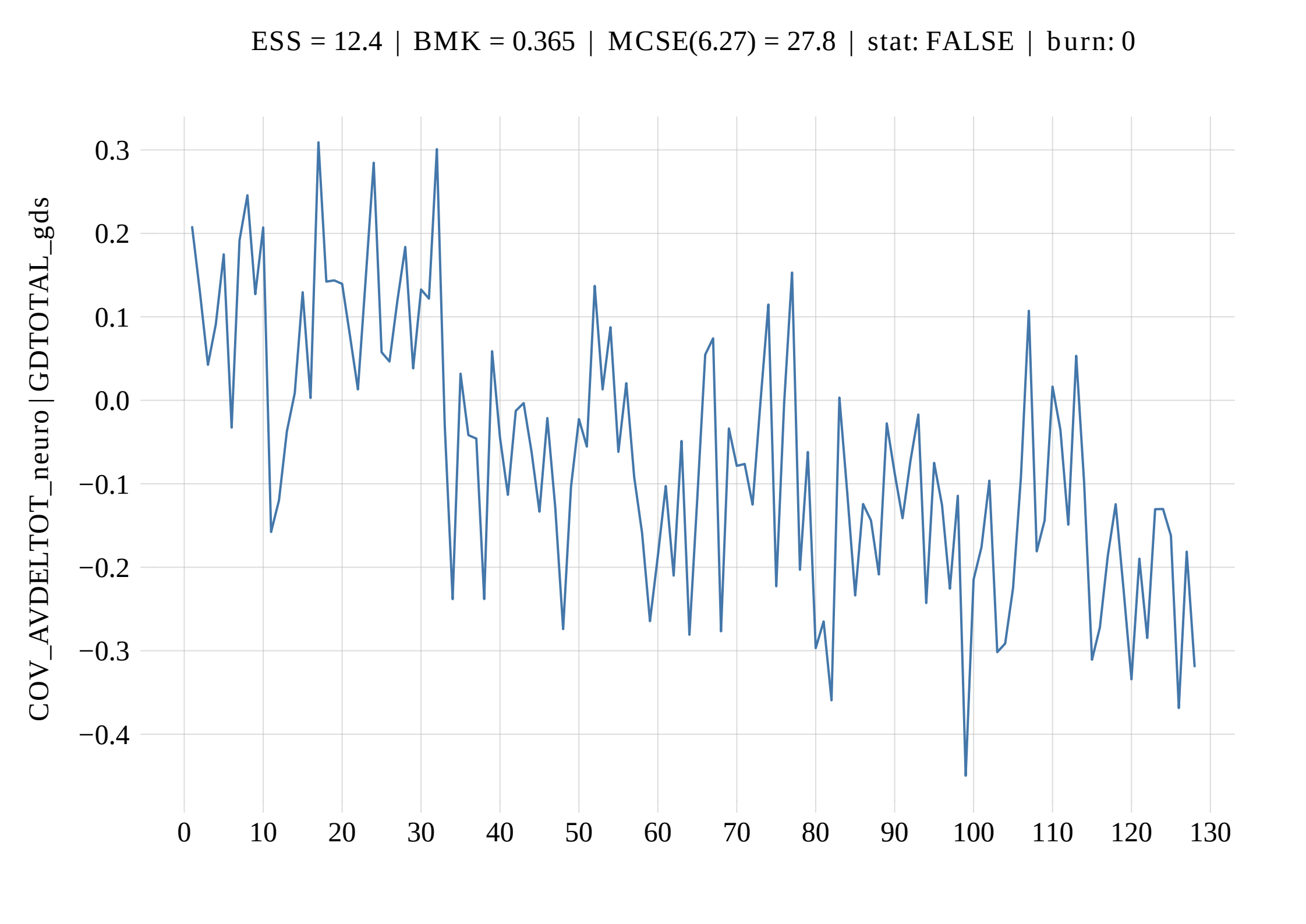

ESS = 24.7 | BMK = 0.189 | MCSE(6.27) = 14.8 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro|Gender_num_
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0
10
20
30
40
50
60
70
80
90
100
110
120
130

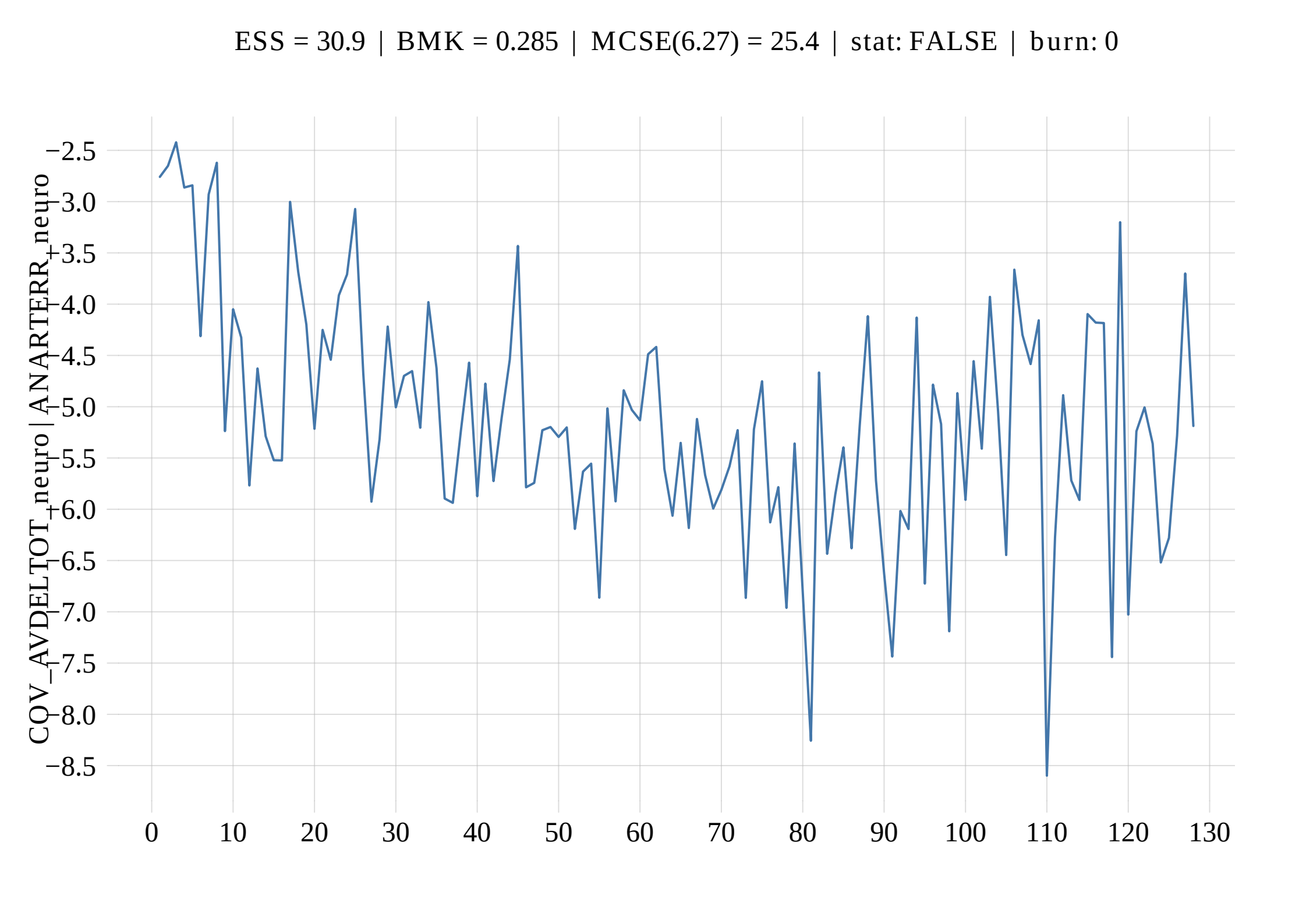

ESS = 48.3 | BMK = 0.199 | MCSE(6.27) = 17.8 | stat: FALSE | burn: 12
COV_AVDEL30MIN_neuro|Apoe4_
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
0
10
20
30
40
50
60
70
80
90
100
110
120
130

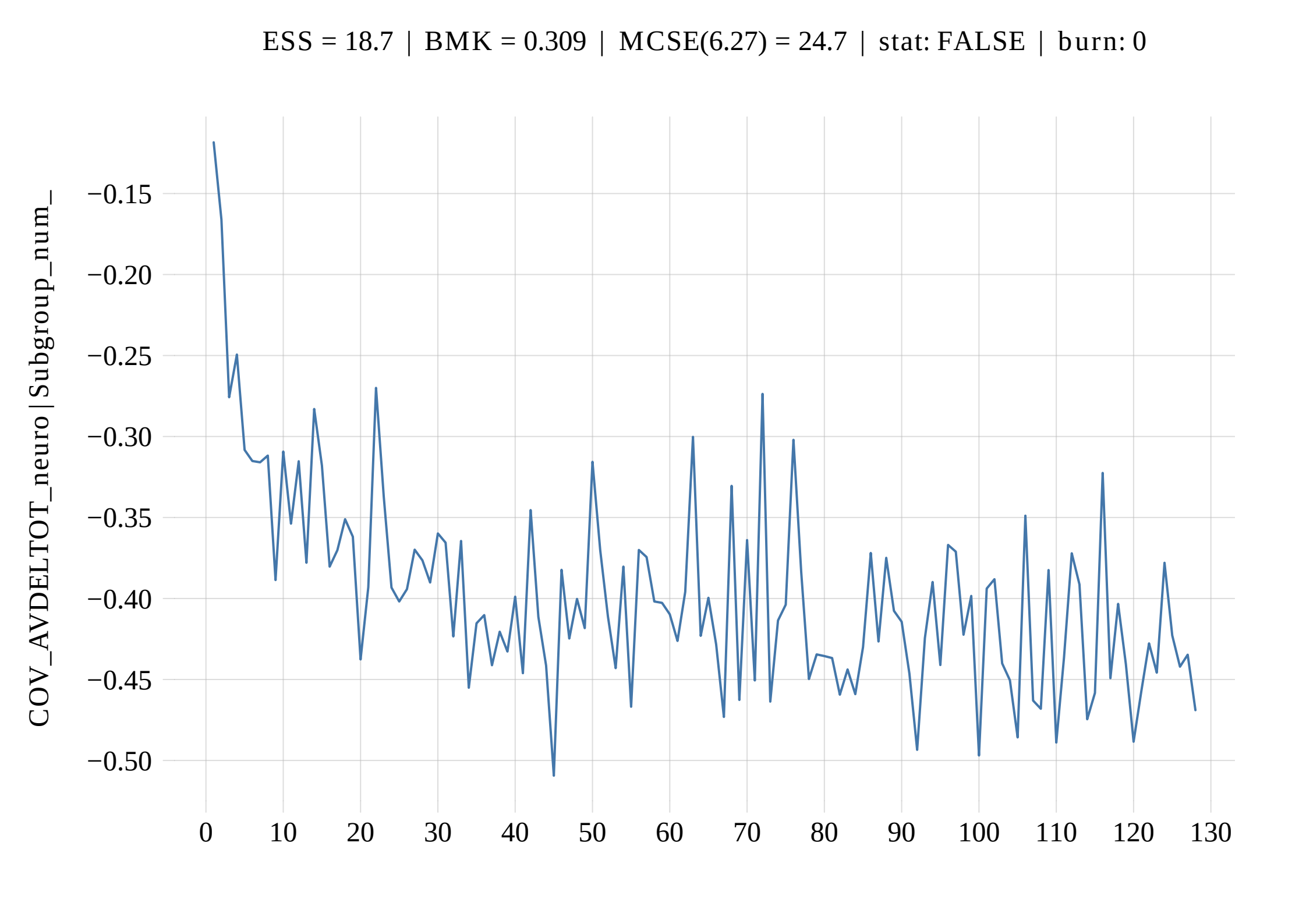

ESS = 36.6 | BMK = 0.228 | MCSE(6.27) = 21.6 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | TRAASCOR_neuro
−6
−7
−8
−9
−10
−11
−12
−13
−14
−15
−16
−17
0
10
20
30
40
50
60
70
80
90
100
110
120
130

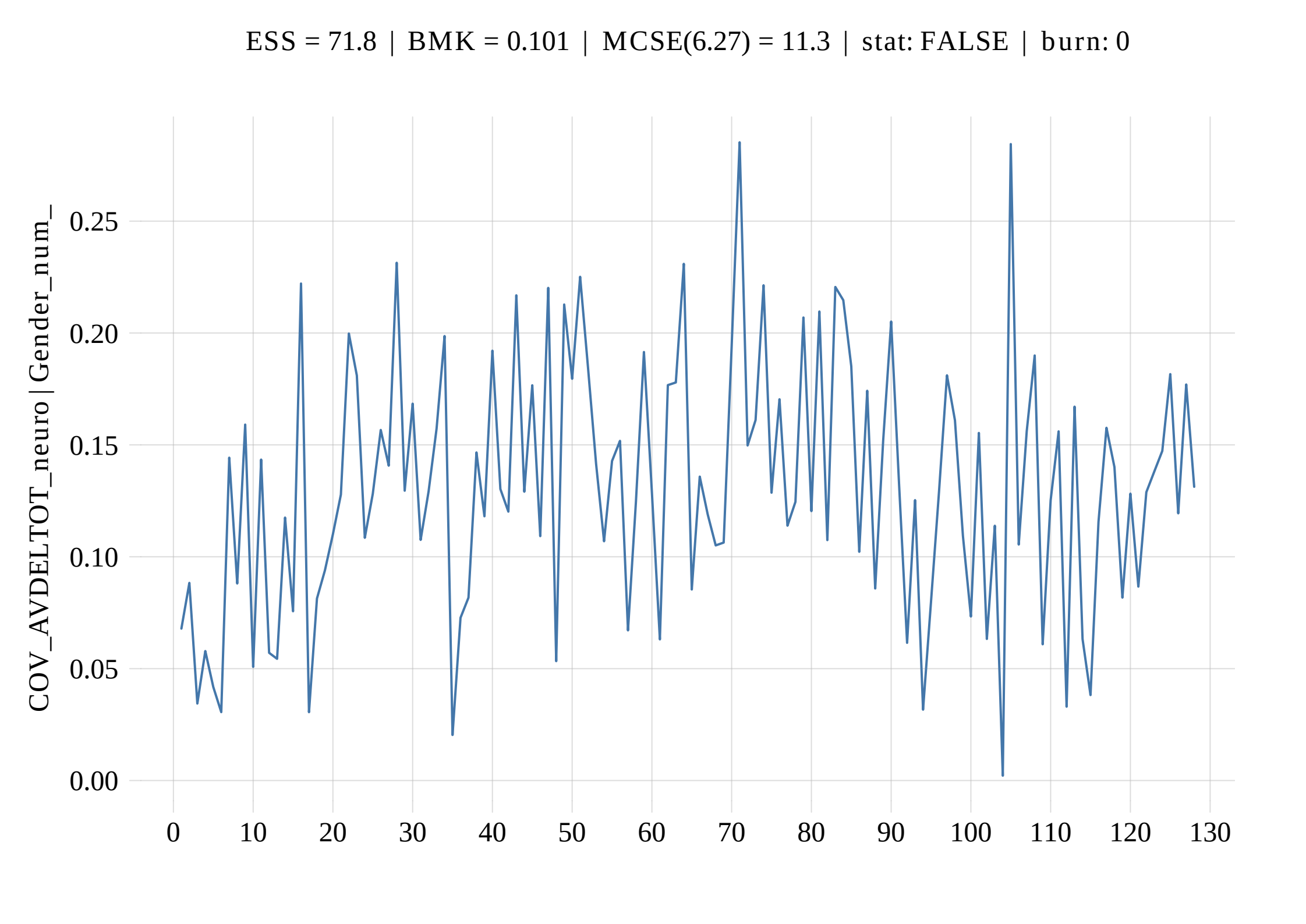

ESS = 97.1 | BMK = 0.107 | MCSE(6.27) = 11.6 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | TRABSCOR_neuro
−35
−40
−45
−50
−55
−60
−65
−70
−75
−80
0
10
20
30
40
50
60
70
80
90
100
110
120
130

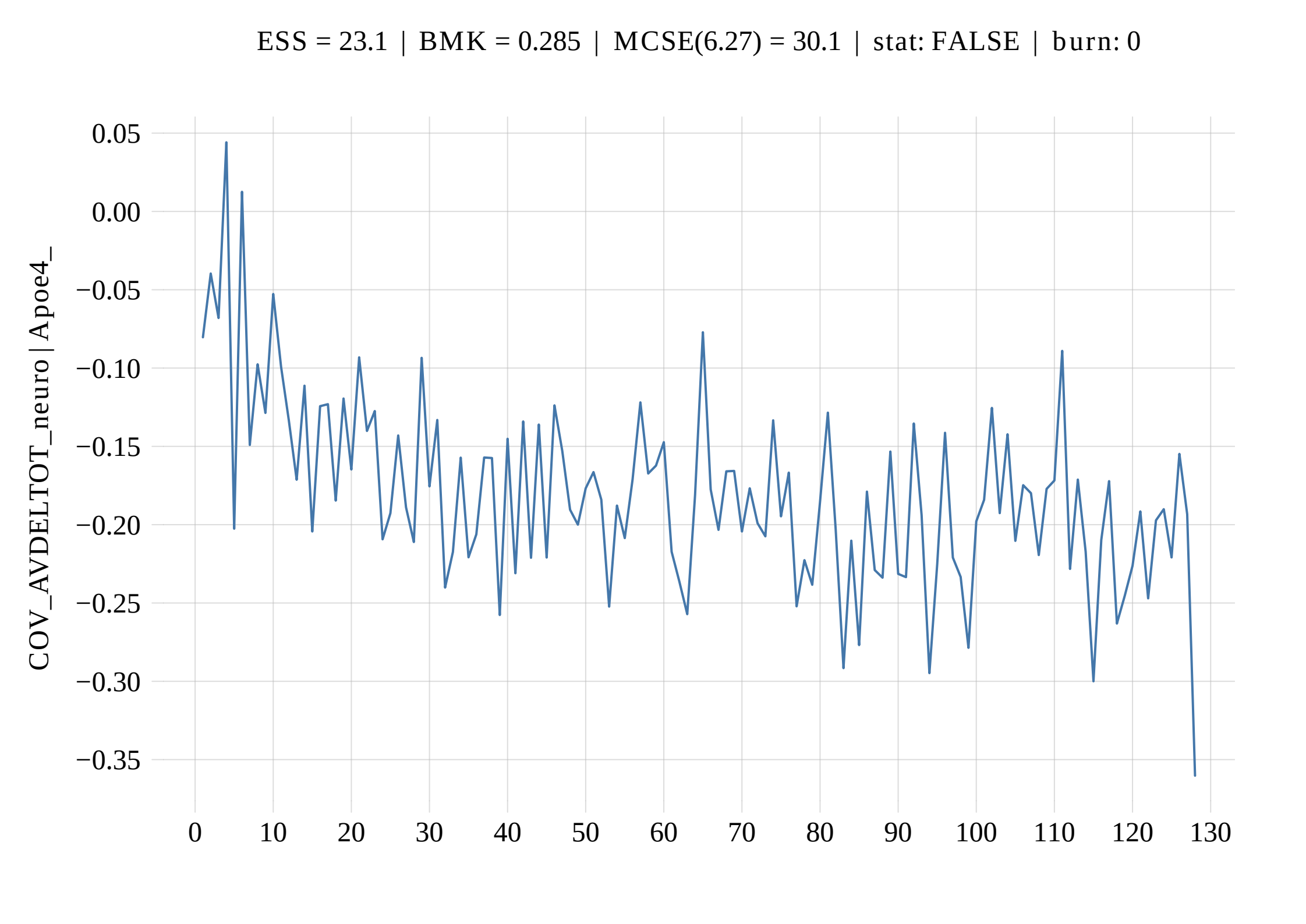

ESS = 74.1 | BMK = 0.229 | MCSE(6.27) = 17.9 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | CATANIMSC_neuro
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

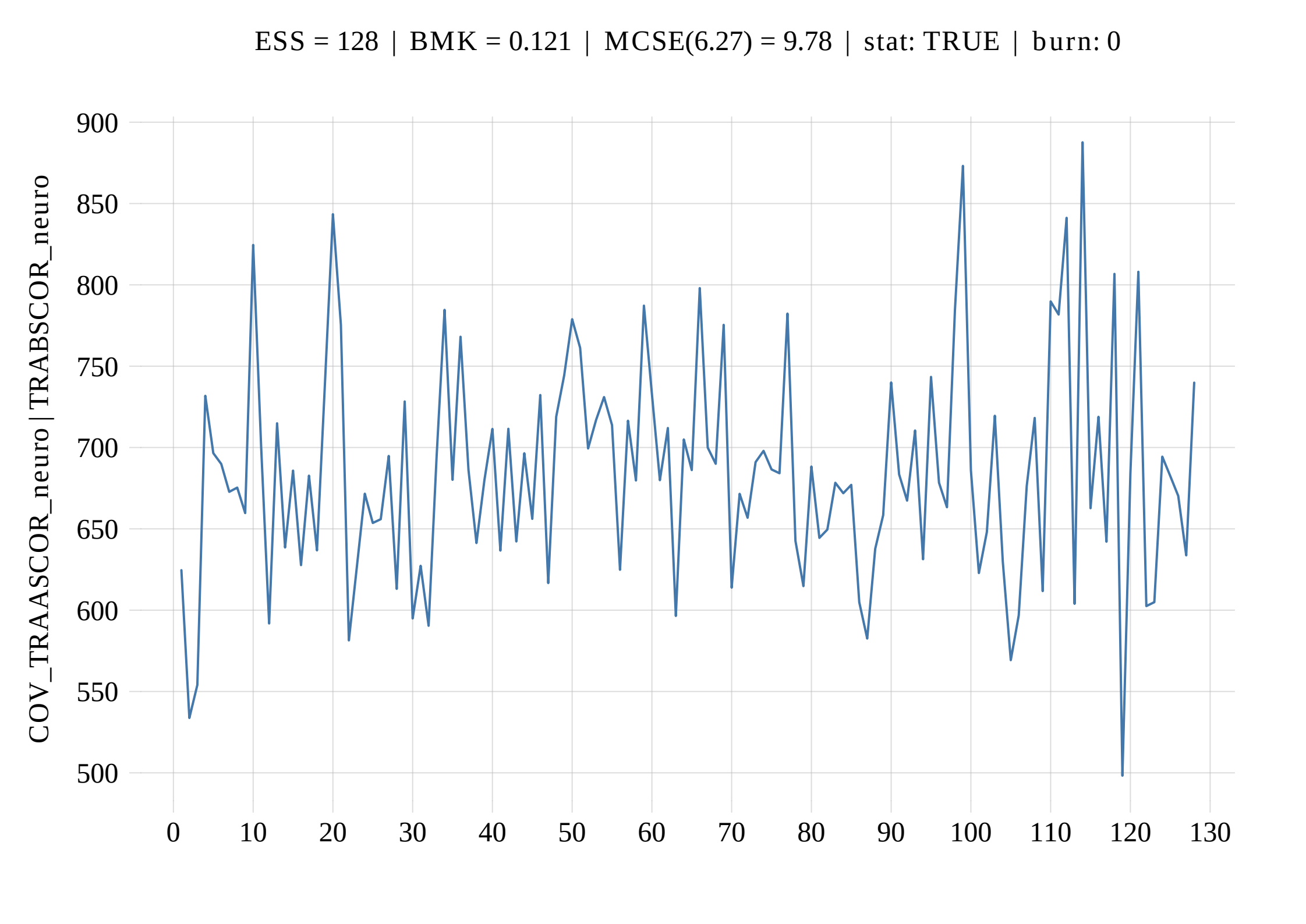

ESS = 12.4 | BMK = 0.365 | MCSE(6.27) = 27.8 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | GDTOTAL_gds
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
10
20
30
40
50
60
70
80
90
100
110
120
130

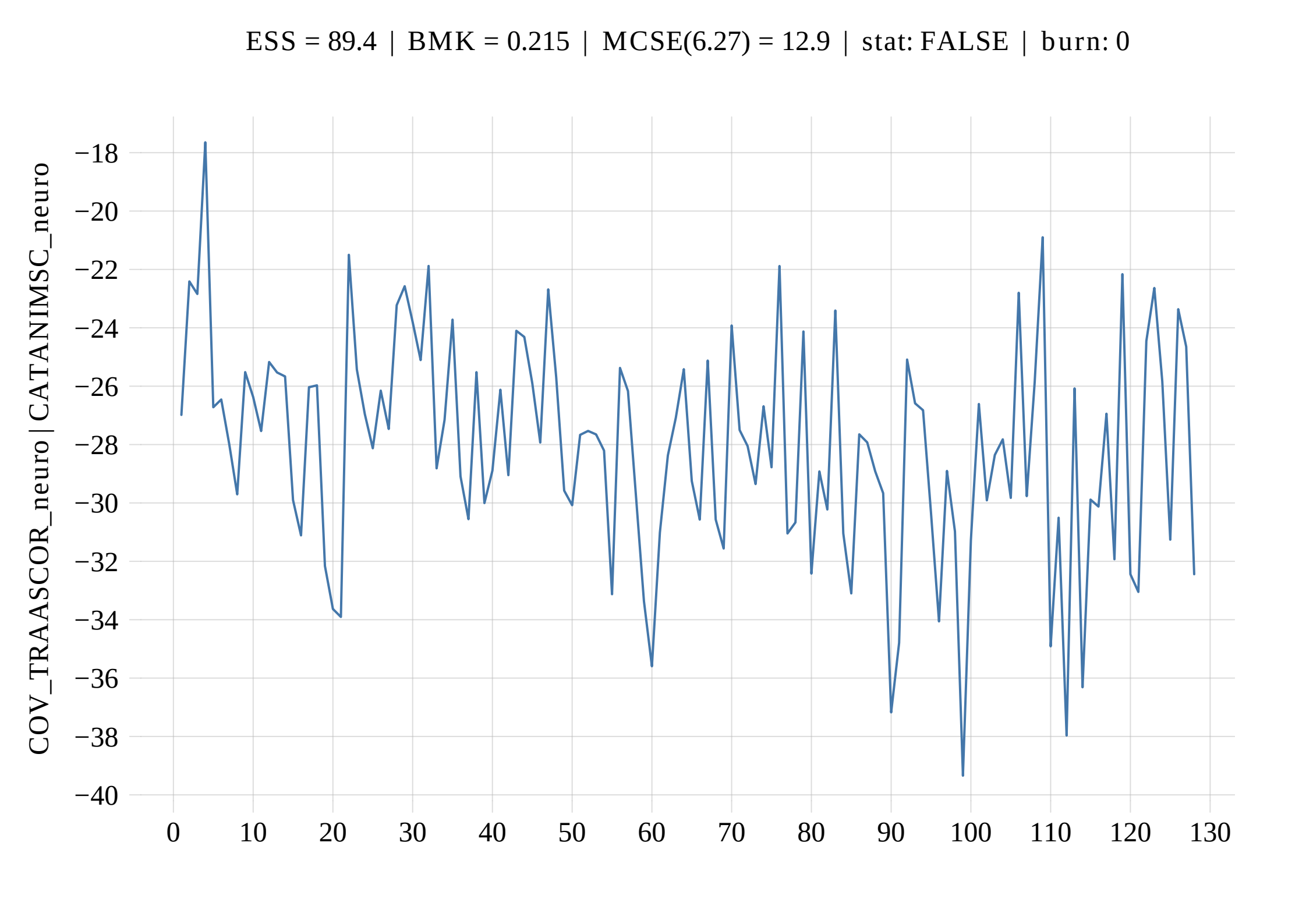

ESS = 30.9 | BMK = 0.285 | MCSE(6.27) = 25.4 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | ANARTERR_neuro
−2.5
−3.0
−3.5
−4.0
−4.5
−5.0
−5.5
−6.0
−6.5
−7.0
−7.5
−8.0
−8.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

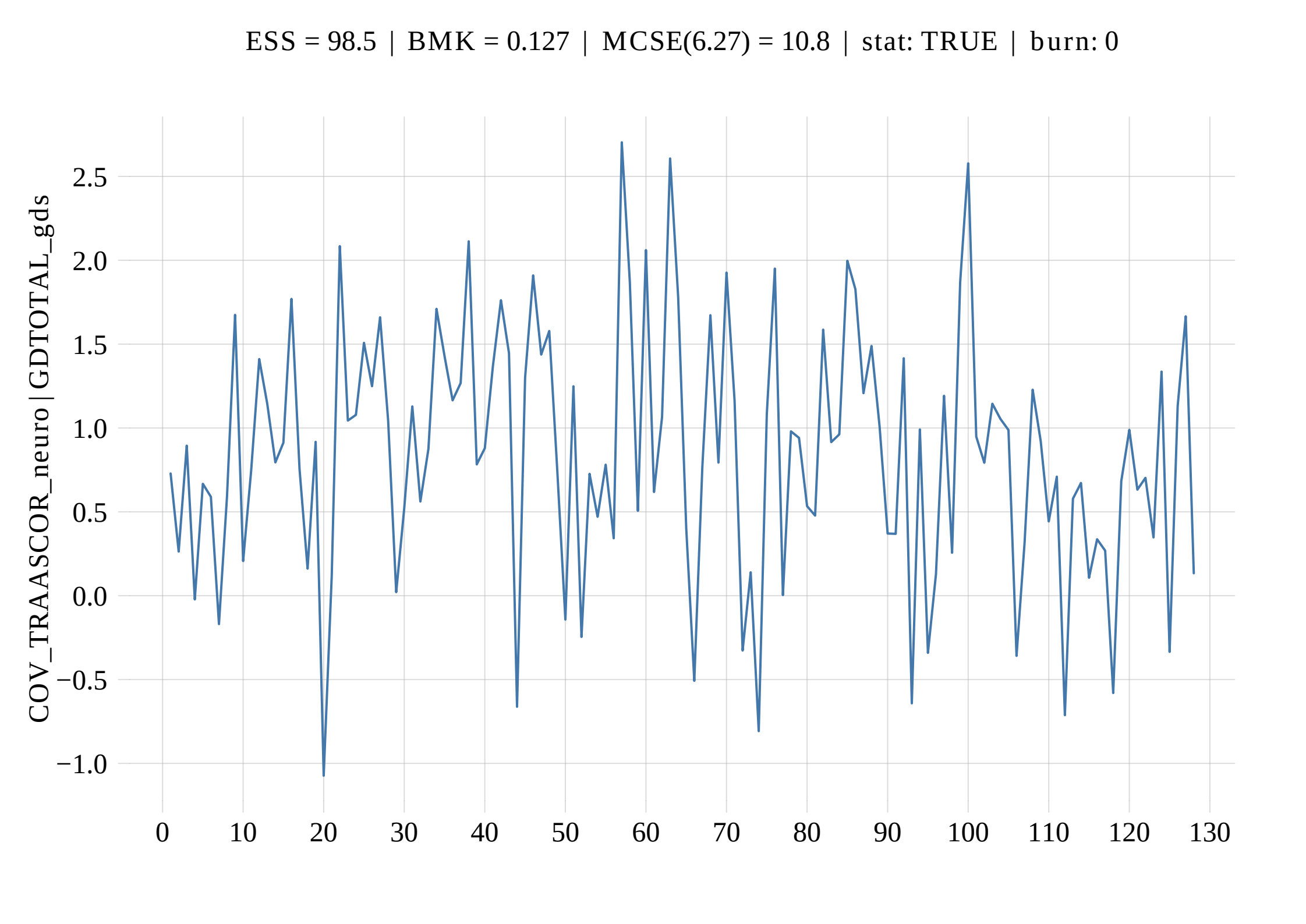

ESS = 18.7 | BMK = 0.309 | MCSE(6.27) = 24.7 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|Subgroup_num_
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
0
10
20
30
40
50
60
70
80
90
100
110
120
130

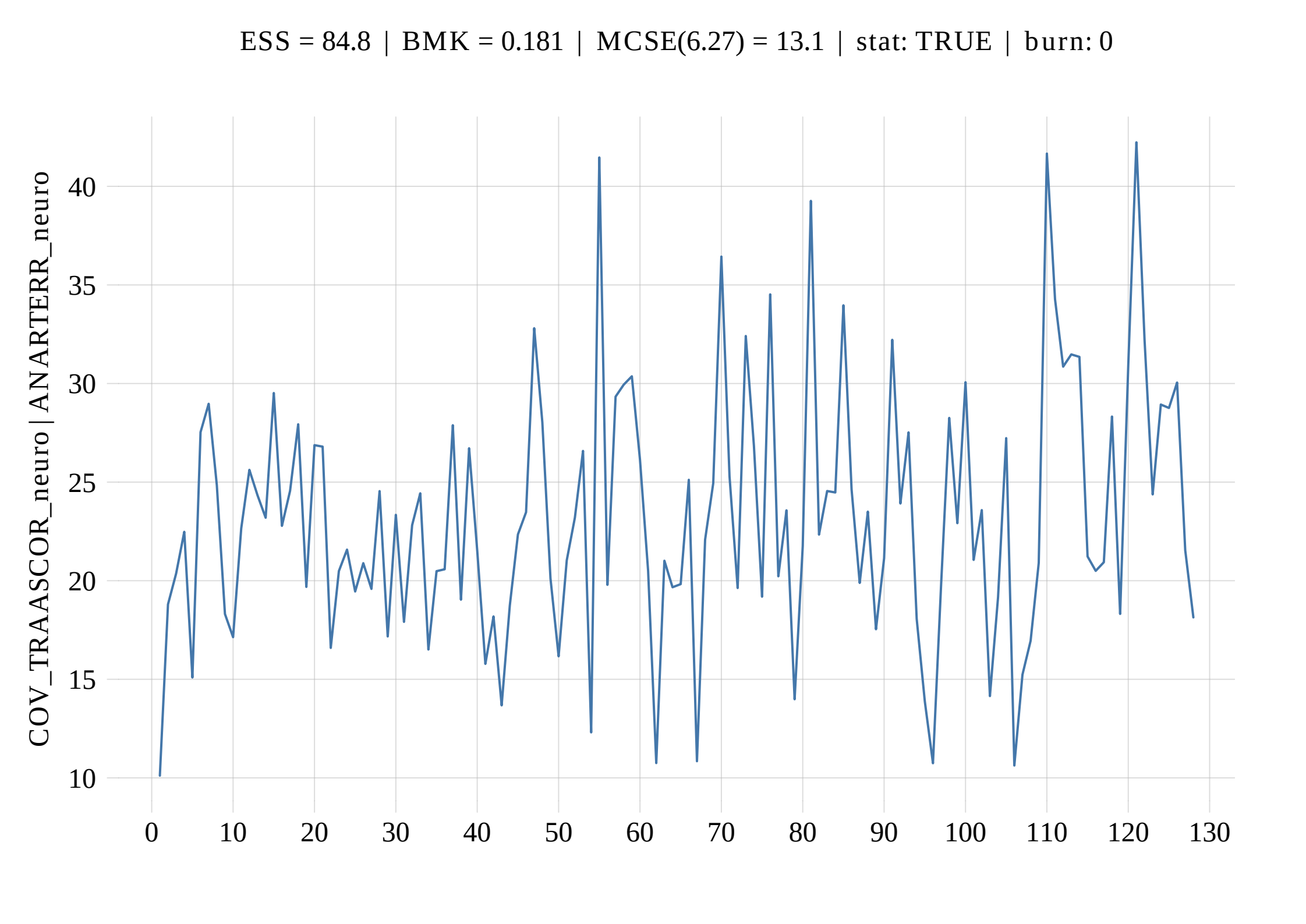

ESS = 71.8 | BMK = 0.101 | MCSE(6.27) = 11.3 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | Gender_num_
0.25
0.20
0.15
0.10
0.05
0.00
0
10
20
30
40
50
60
70
80
90
100
110
120
130

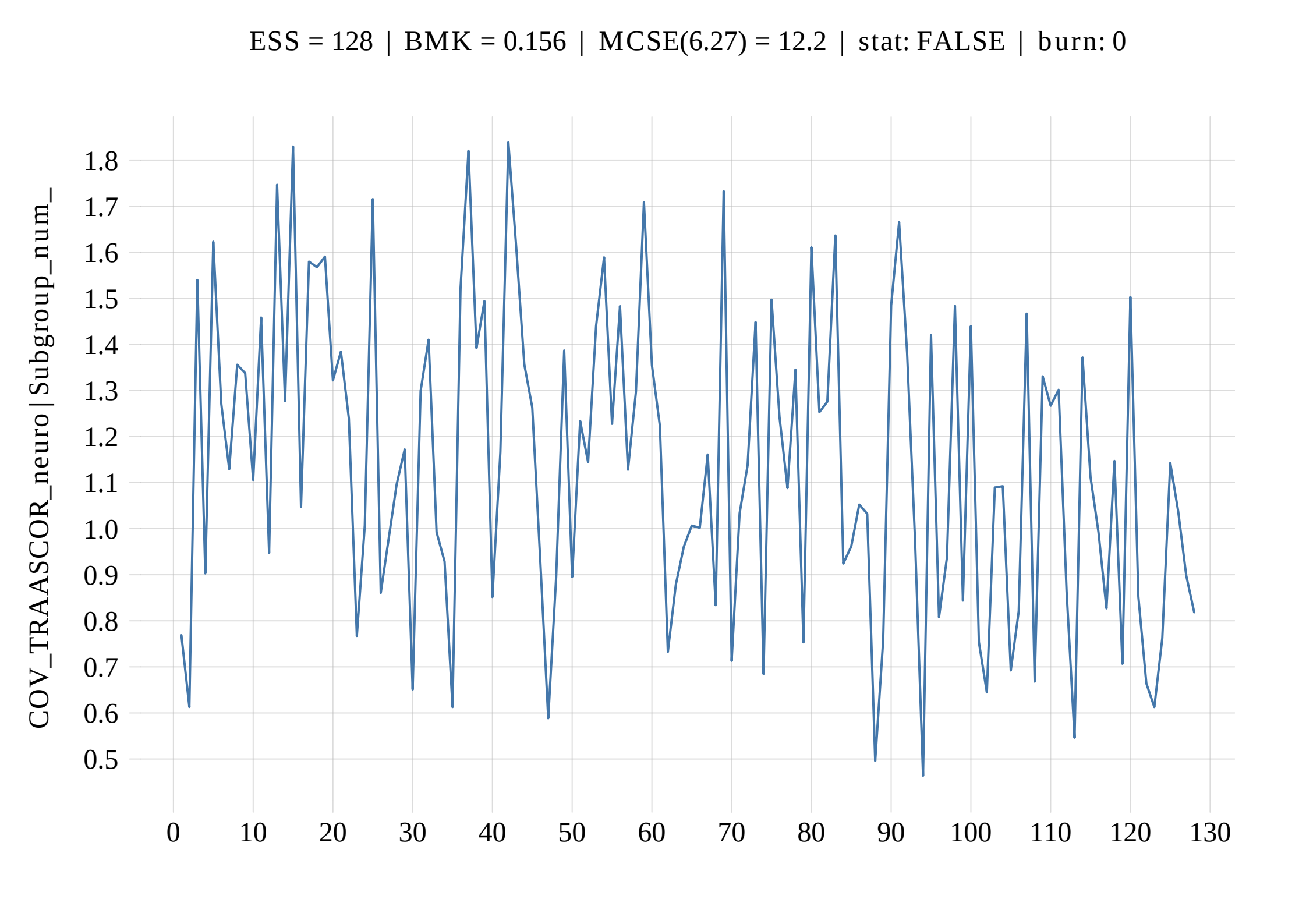

ESS = 23.1 | BMK = 0.285 | MCSE(6.27) = 30.1 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro | Apoe4_
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
0
10
20
30
40
50
60
70
80
90
100
110
120
130

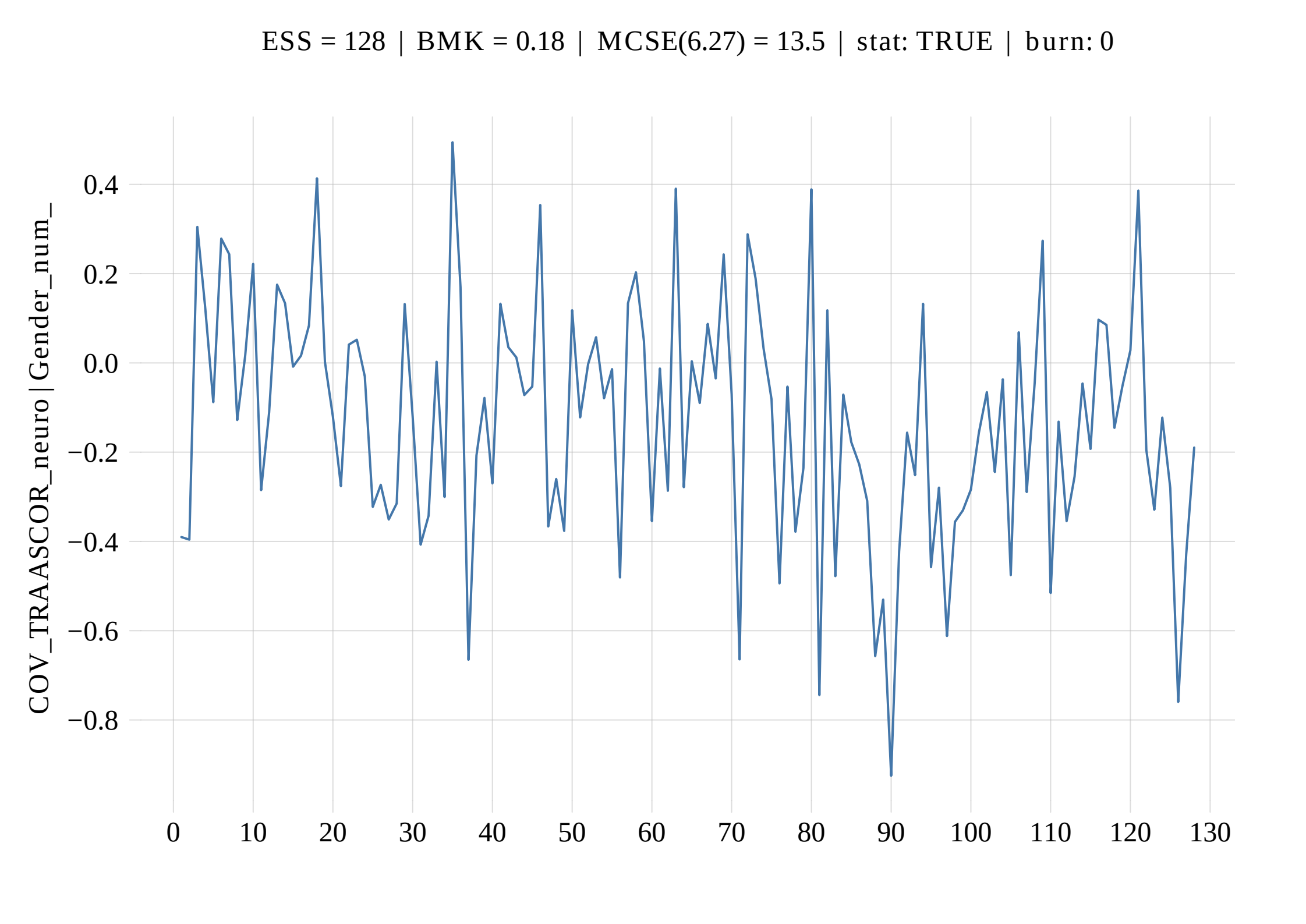

ESS = 128 | BMK = 0.121 | MCSE(6.27) = 9.78 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro | TRABSCOR_neuro
900
850
800
750
700
650
600
550
500
0
10
20
30
40
50
60
70
80
90
100
110
120
130

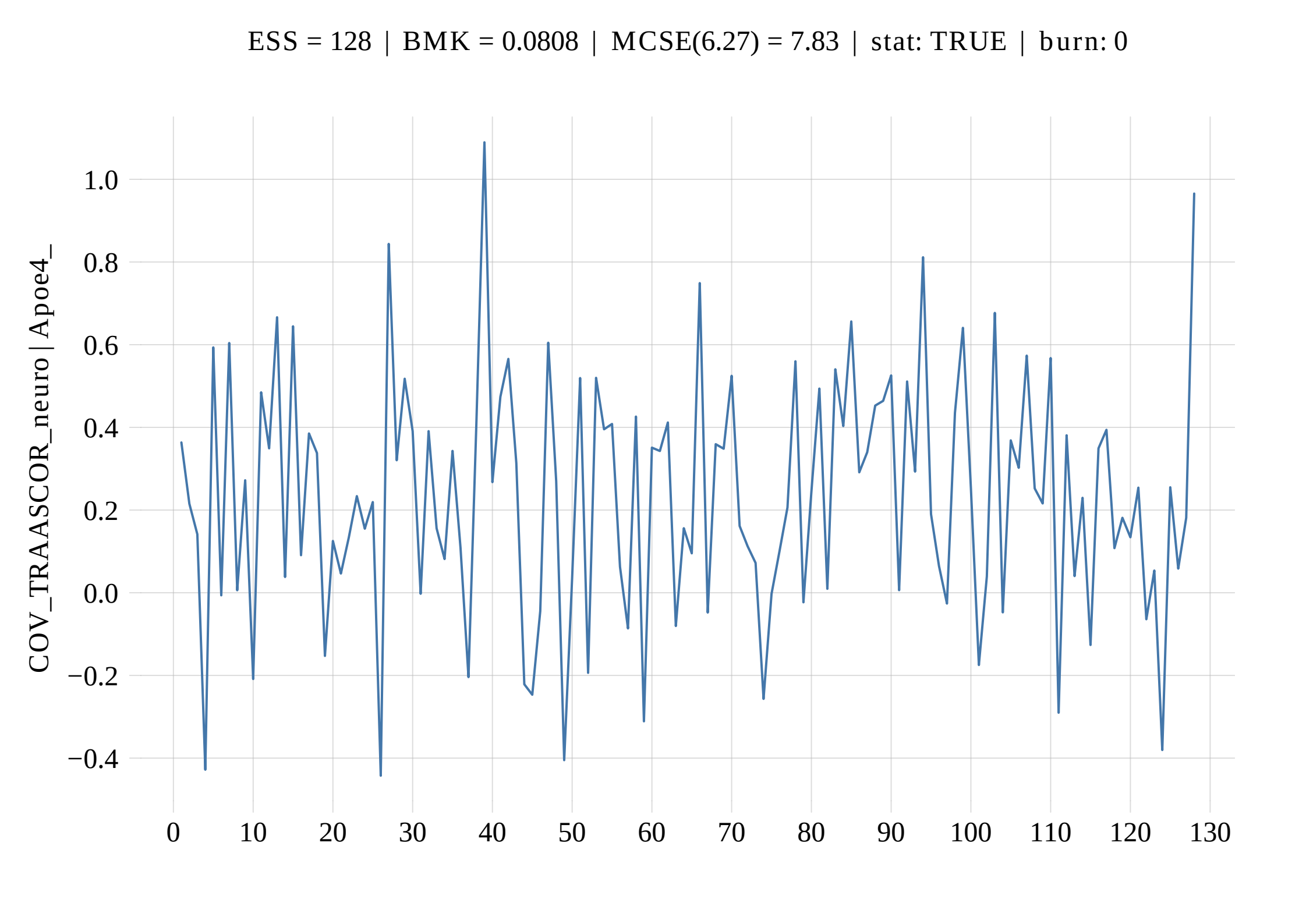

ESS = 89.4 | BMK = 0.215 | MCSE(6.27) = 12.9 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro | CATANIMSC_neuro
−18
−20
−22
−24
−26
−28
−30
−32
−34
−36
−38
−40
0
10
20
30
40
50
60
70
80
90
100
110
120
130

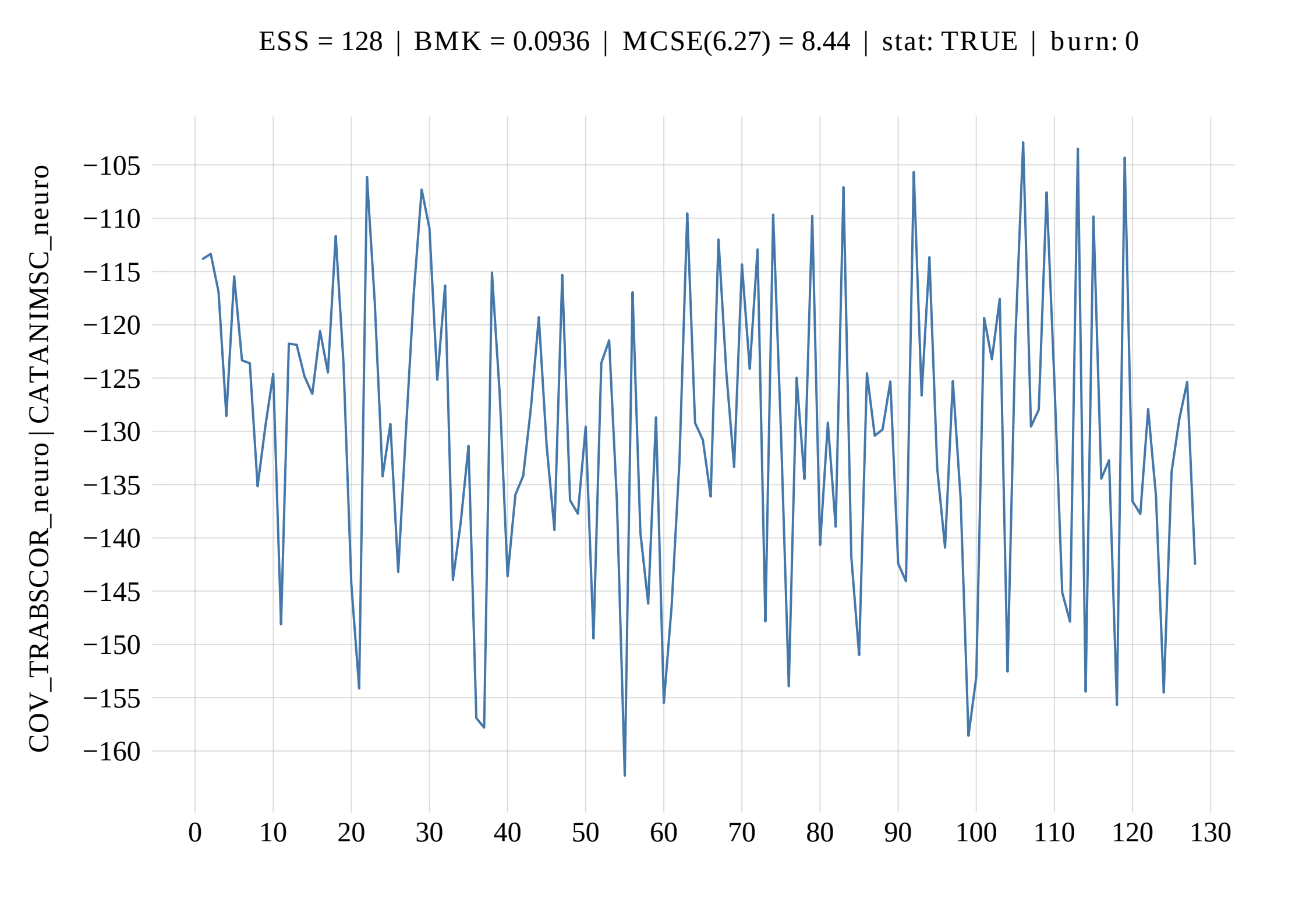

ESS = 98.5 | BMK = 0.127 | MCSE(6.27) = 10.8 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|GDTOTAL_gds
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

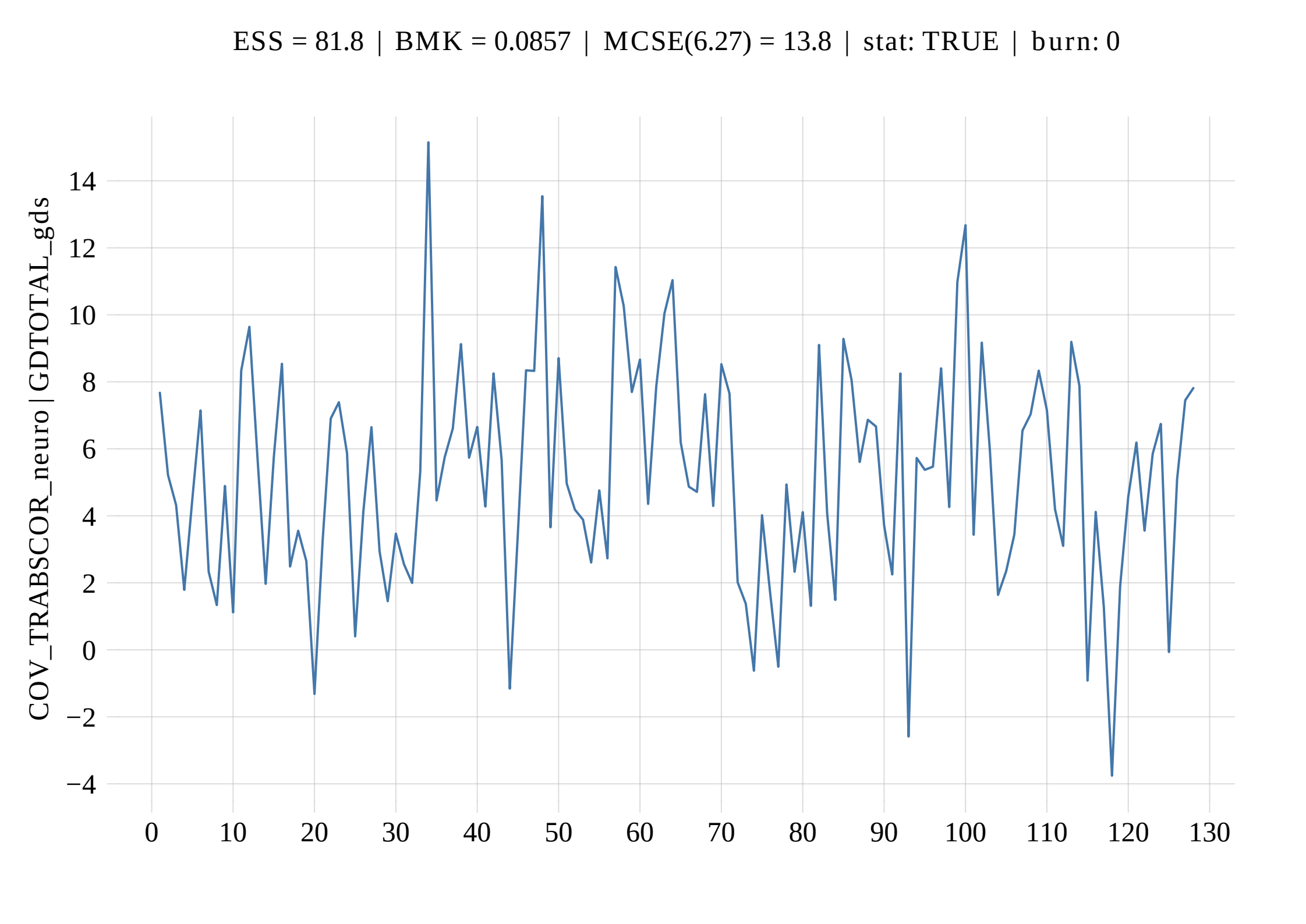

ESS = 84.8 | BMK = 0.181 | MCSE(6.27) = 13.1 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro | ANARTERR_neuro
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80
90
100
110
120
130

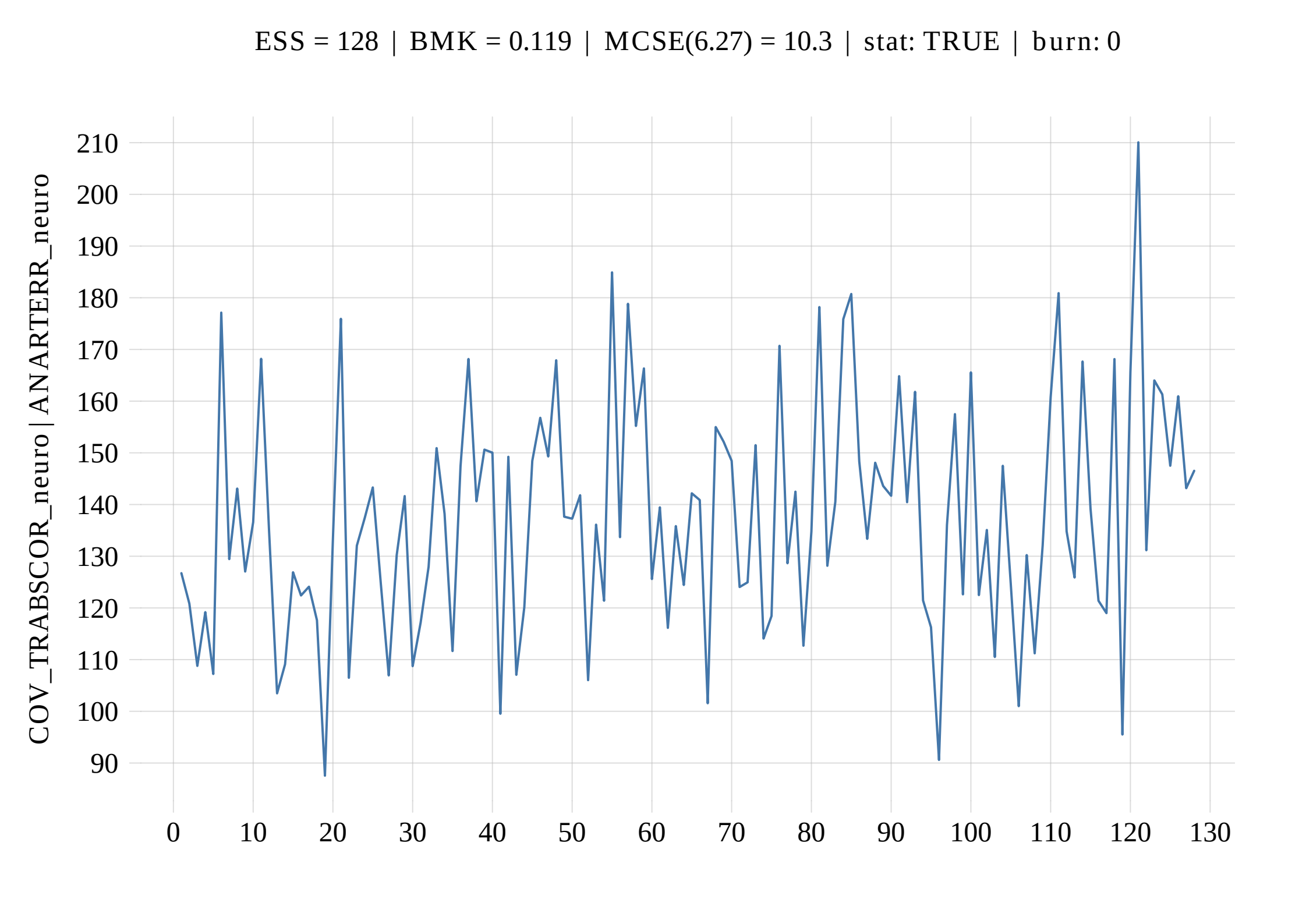

ESS = 128 | BMK = 0.156 | MCSE(6.27) = 12.2 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|Subgroup_num_
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

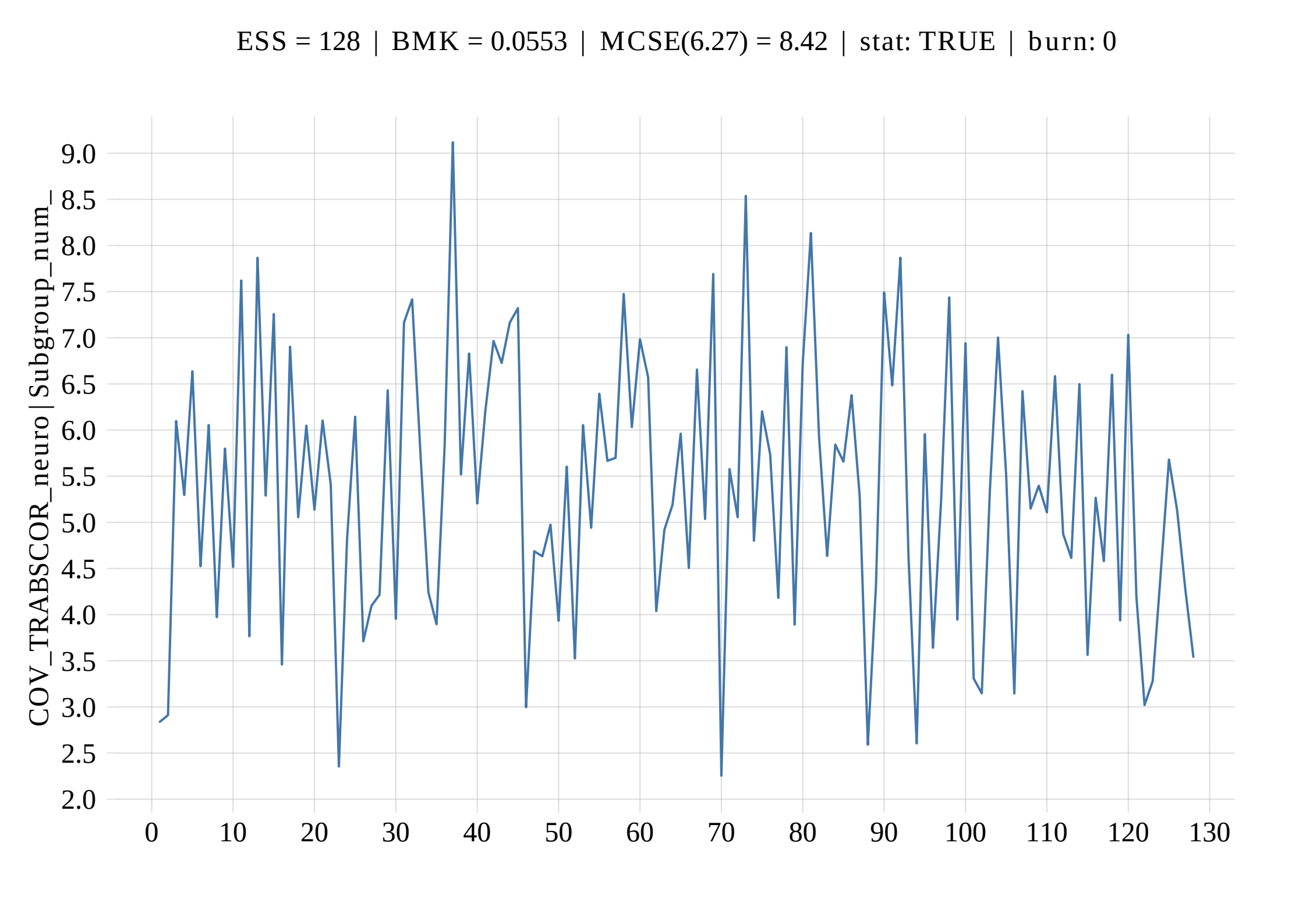

ESS = 128 | BMK = 0.18 | MCSE(6.27) = 13.5 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|Gender_num_
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
10
20
30
40
50
60
70
80
90
100
110
120
130

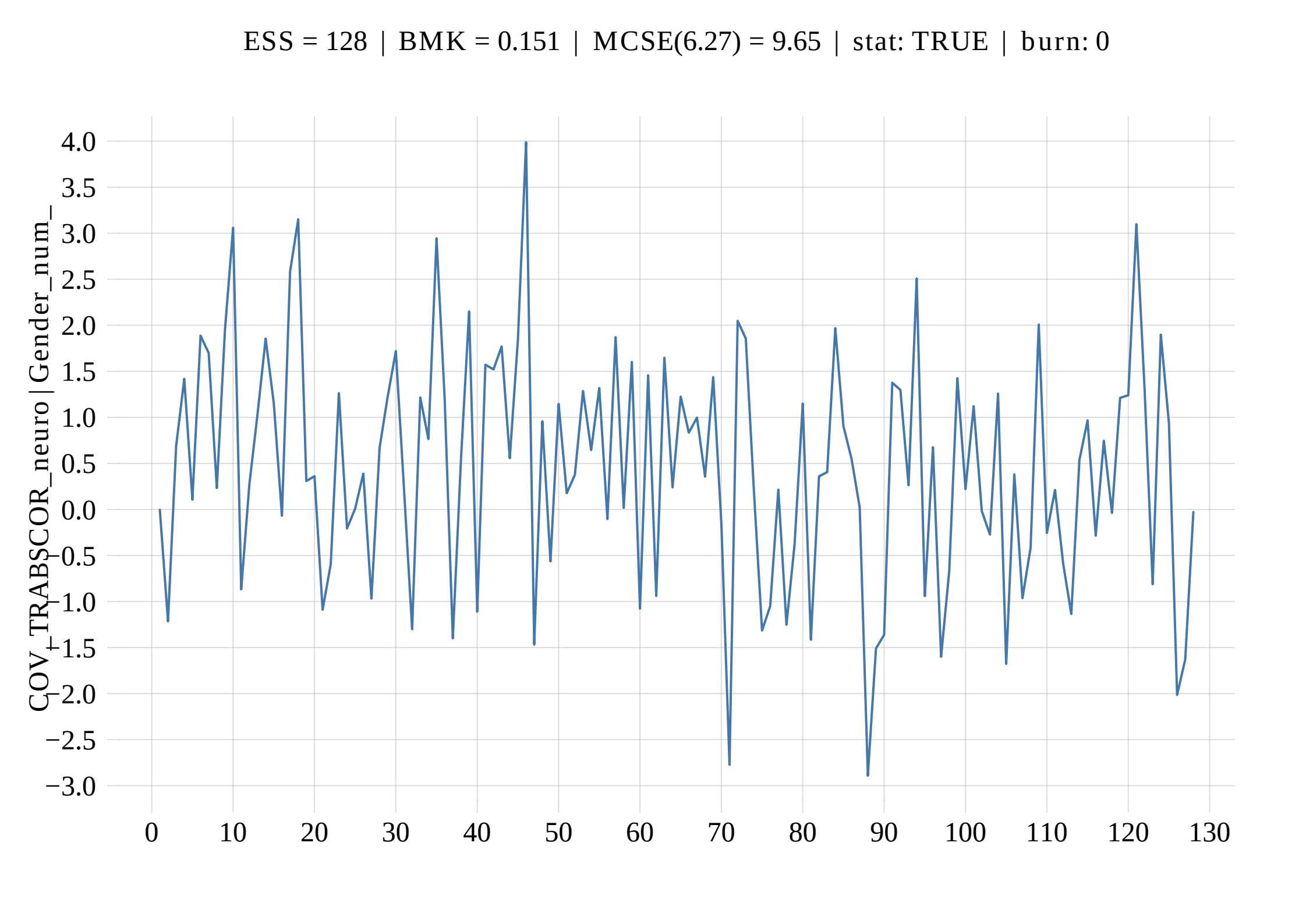

ESS = 128 | BMK = 0.0808 | MCSE(6.27) = 7.83 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro | Apoe4_
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
10
20
30
40
50
60
70
80
90
100
110
120
130

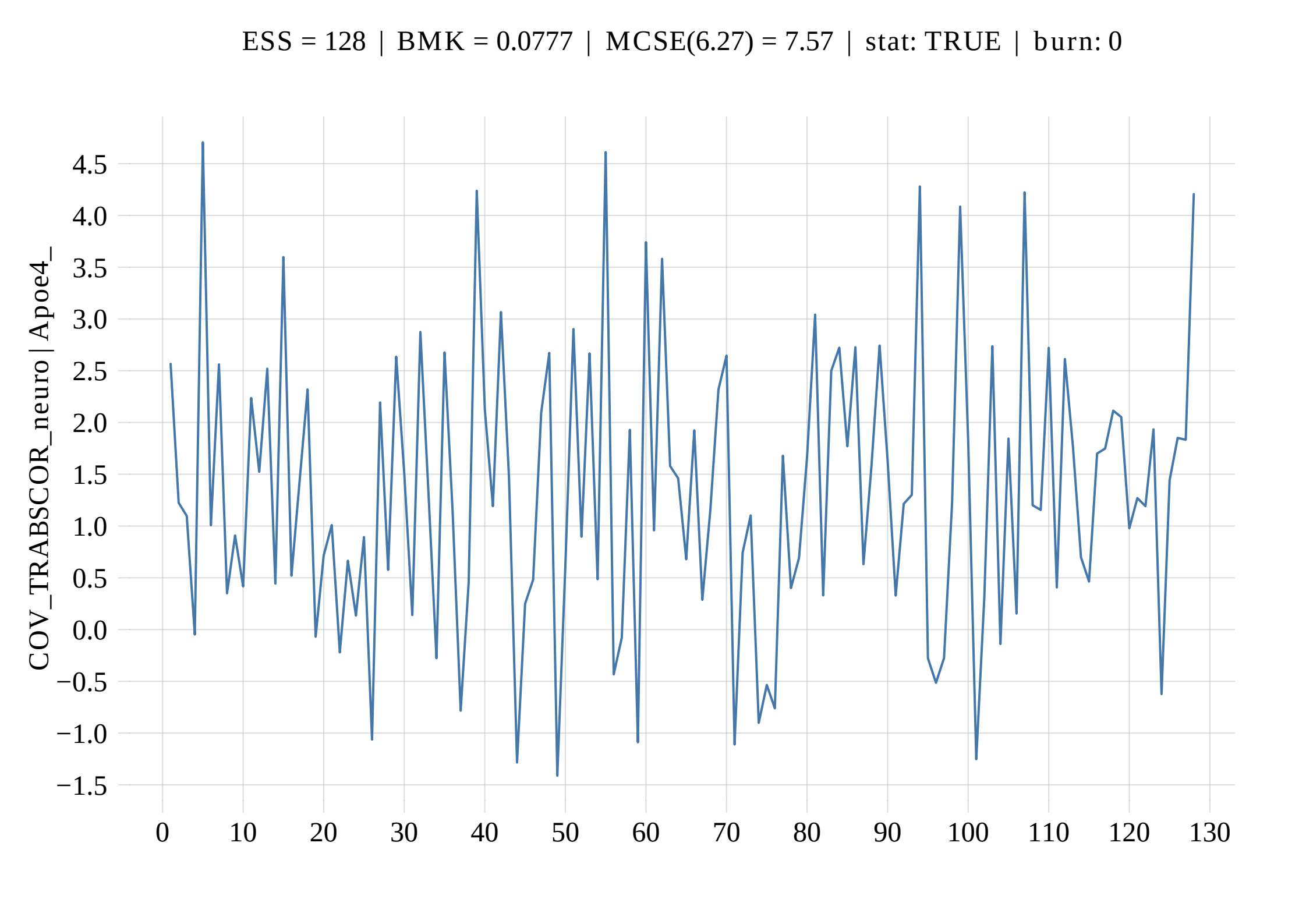

ESS = 128 | BMK = 0.0936 | MCSE(6.27) = 8.44 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | CATANIMSC_neuro
−105
−110
−115
−120
−125
−130
−135
−140
−145
−150
−155
−160
0
10
20
30
40
50
60
70
80
90
100
110
120
130

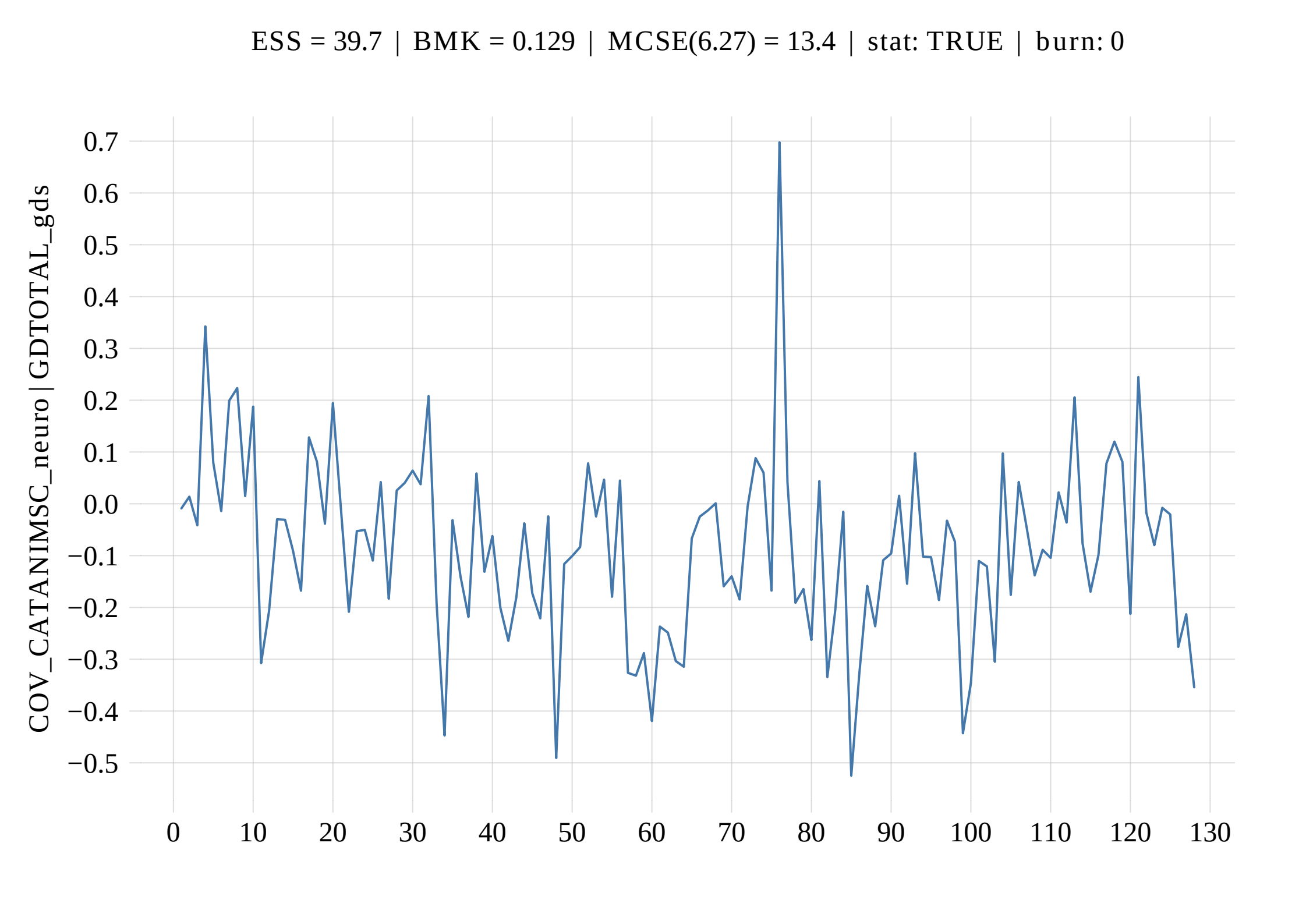

ESS = 81.8 | BMK = 0.0857 | MCSE(6.27) = 13.8 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|GDTOTAL_gds
14
12
10
8
6
4
2
0
−2
−4
0
10
20
30
40
50
60
70
80
90
100
110
120
130

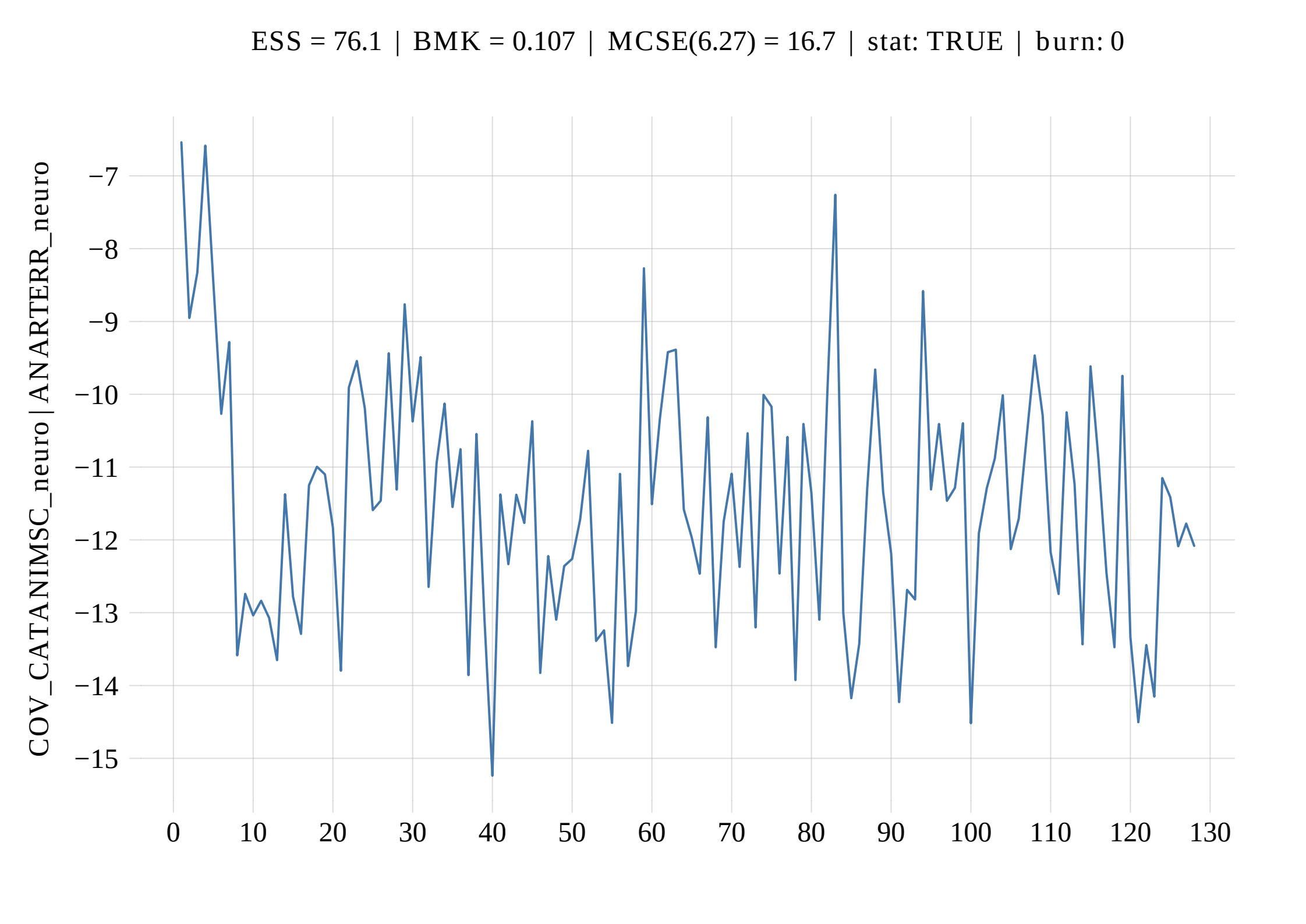

ESS = 128 | BMK = 0.119 | MCSE(6.27) = 10.3 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | ANARTERR_neuro
210
200
190
180
170
160
150
140
130
120
110
100
90
0
10
20
30
40
50
60
70
80
90
100
110
120
130

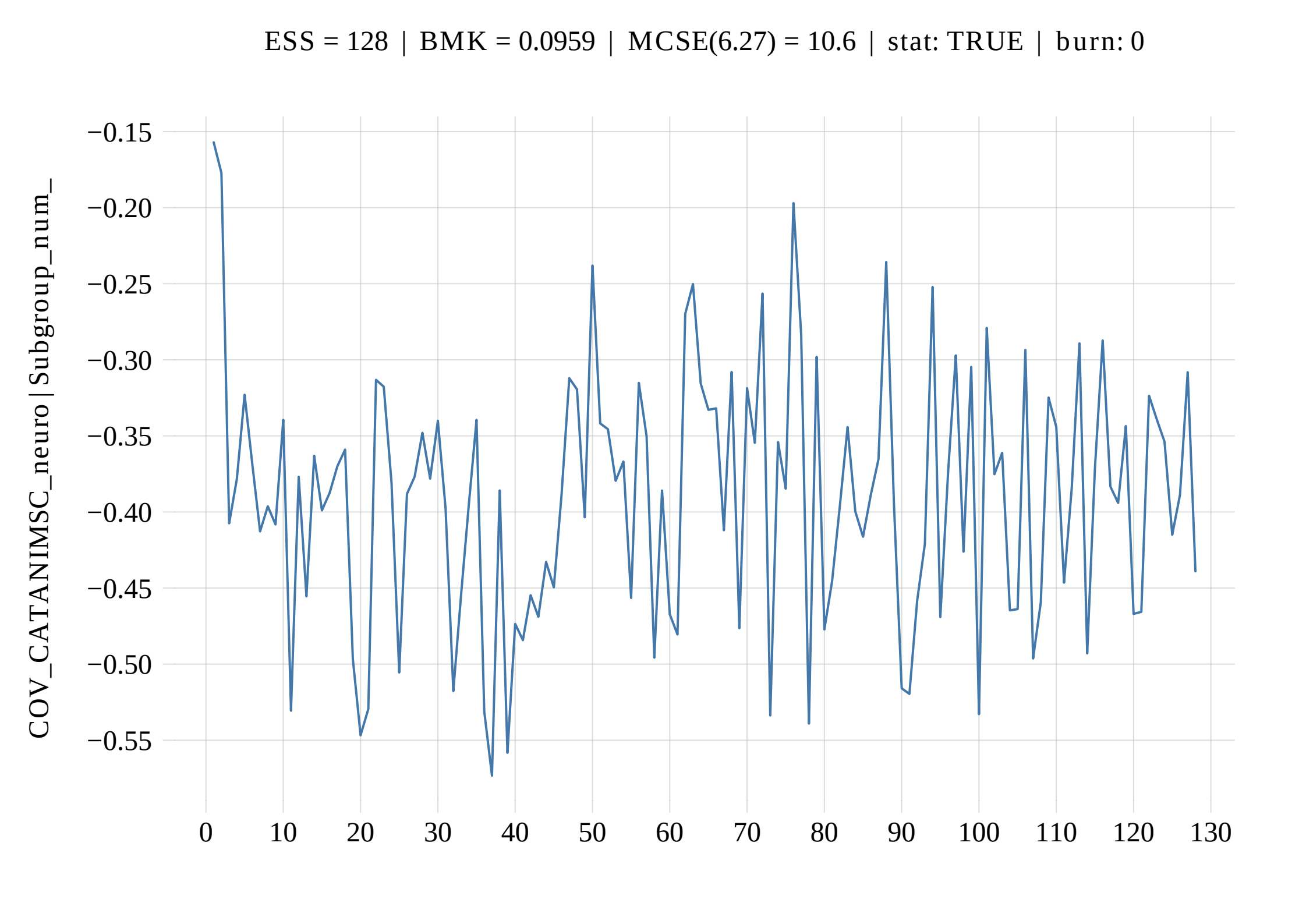

ESS = 128 | BMK = 0.0553 | MCSE(6.27) = 8.42 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Subgroup_num_
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

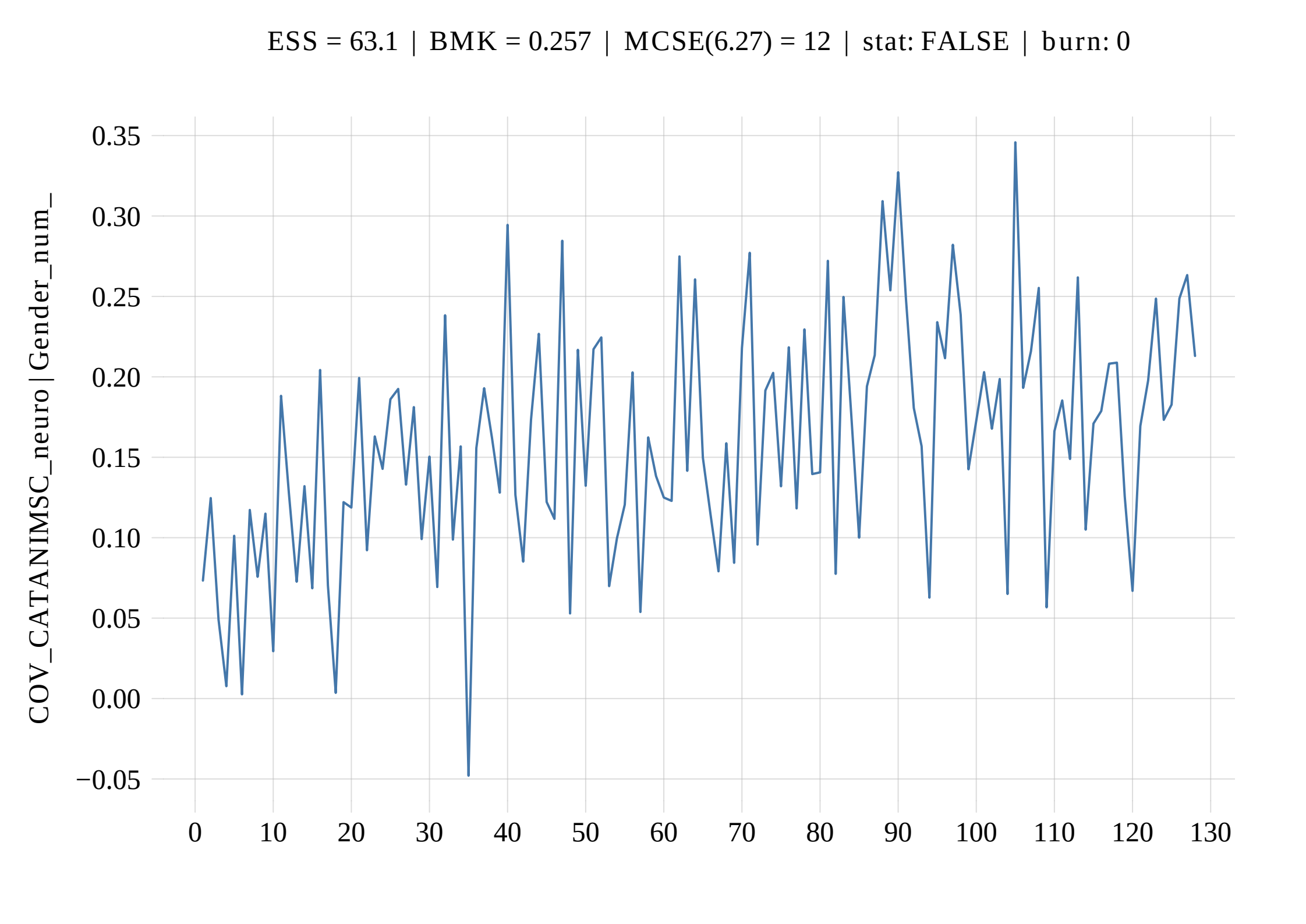

ESS = 128 | BMK = 0.151 | MCSE(6.27) = 9.65 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Gender_num_
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
0
10
20
30
40
50
60
70
80
90
100
110
120
130

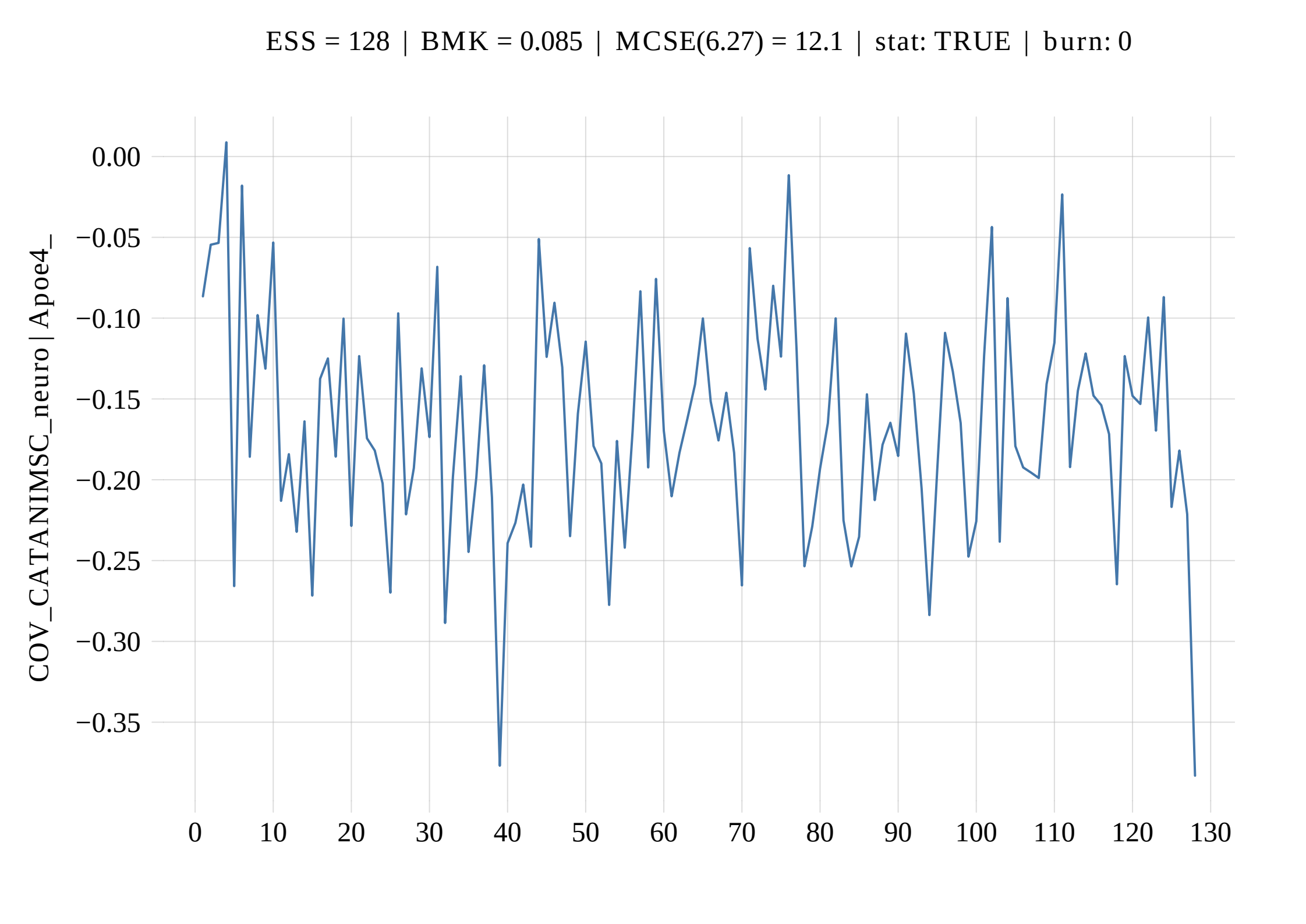

ESS = 128 | BMK = 0.0777 | MCSE(6.27) = 7.57 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Apoe4_
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

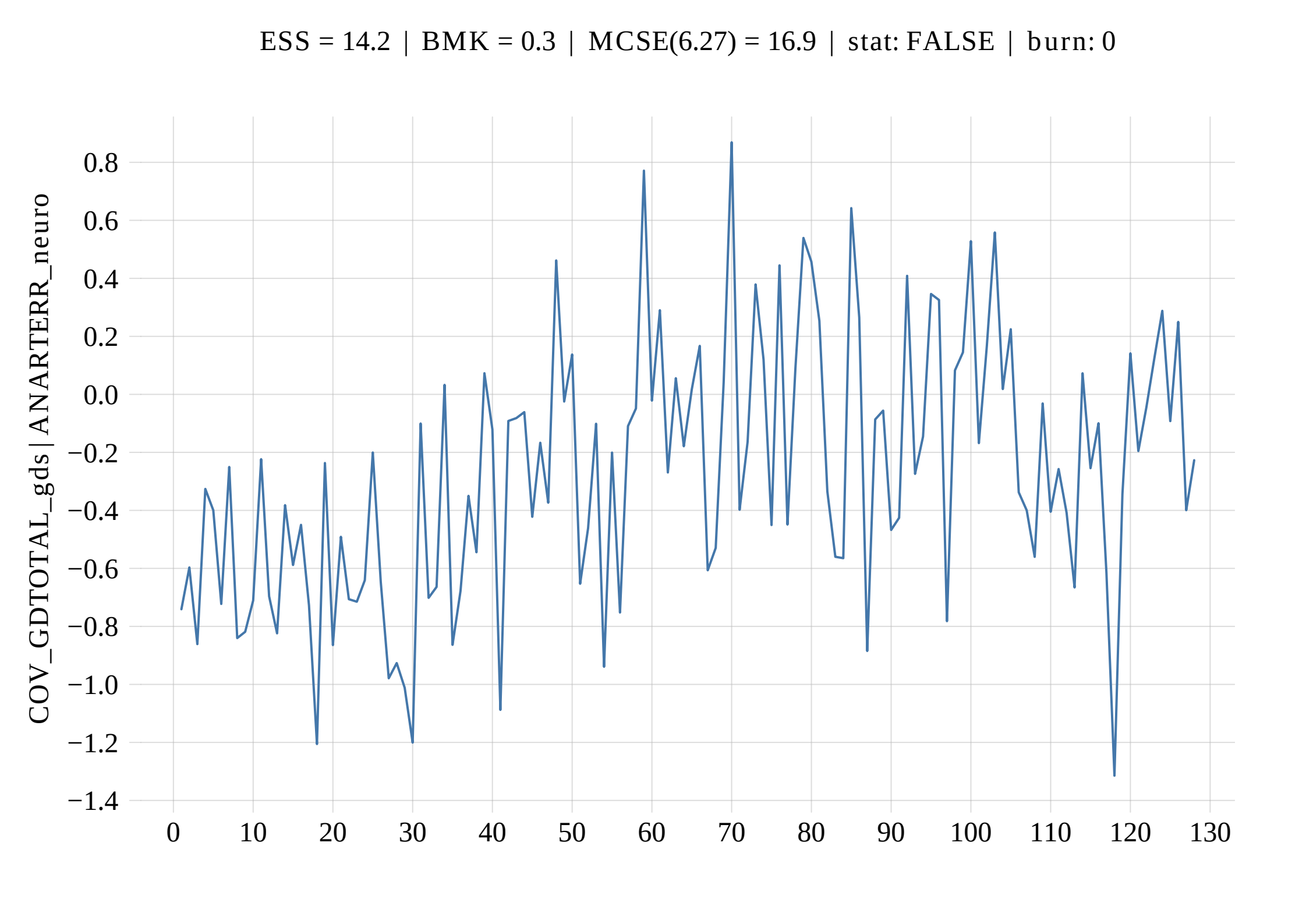

ESS = 39.7 | BMK = 0.129 | MCSE(6.27) = 13.4 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|GDTOTAL_gds
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
0
10
20
30
40
50
60
70
80
90
100
110
120
130

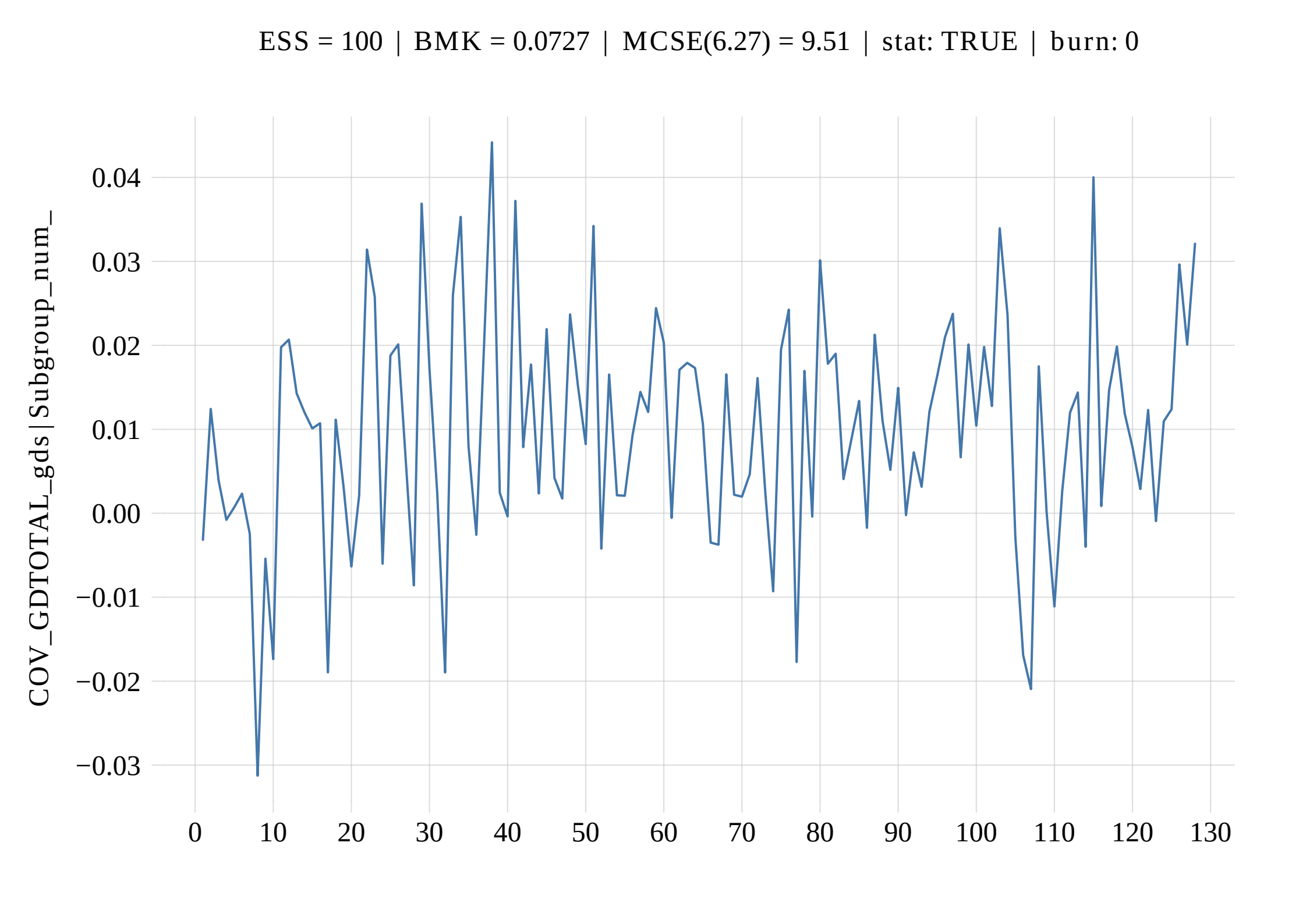

ESS = 76.1 | BMK = 0.107 | MCSE(6.27) = 16.7 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro | ANARTERR_neuro
−7
−8
−9
−10
−11
−12
−13
−14
−15
0
10
20
30
40
50
60
70
80
90
100
110
120
130

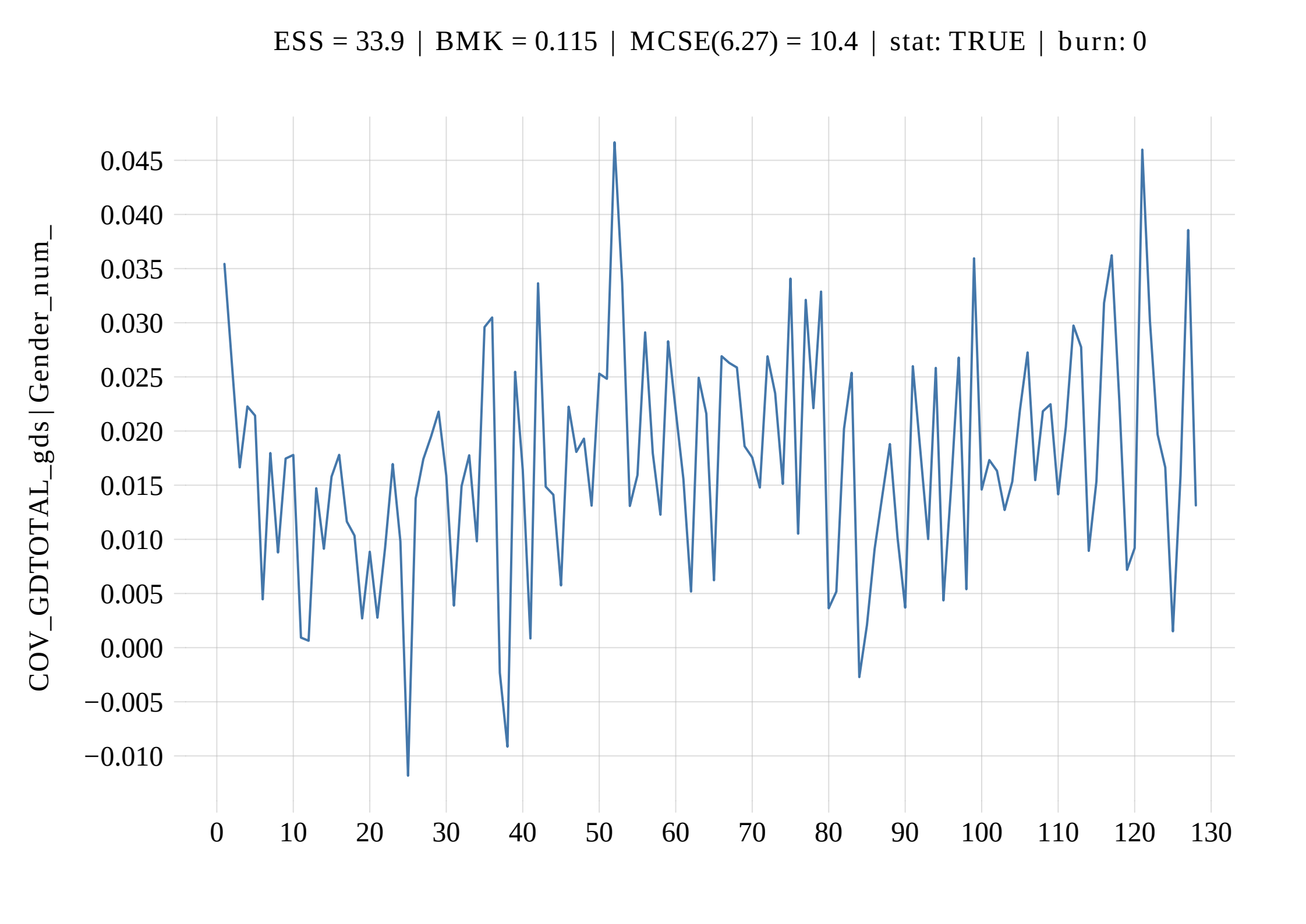

ESS = 128 | BMK = 0.0959 | MCSE(6.27) = 10.6 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|Subgroup_num_
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
0
10
20
30
40
50
60
70
80
90
100
110
120
130

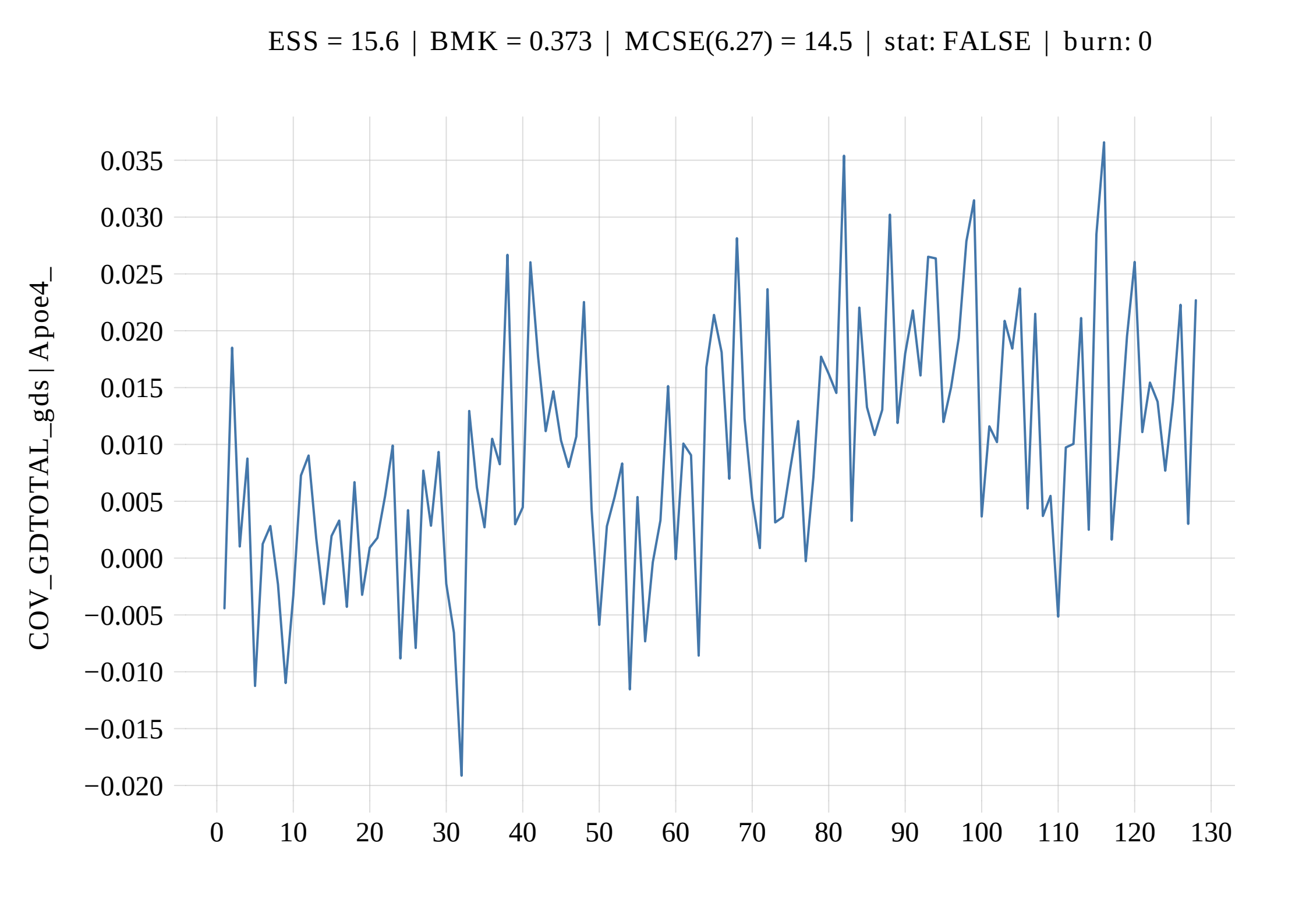

ESS = 63.1 | BMK = 0.257 | MCSE(6.27) = 12 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro | Gender_num_
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
0
10
20
30
40
50
60
70
80
90
100
110
120
130

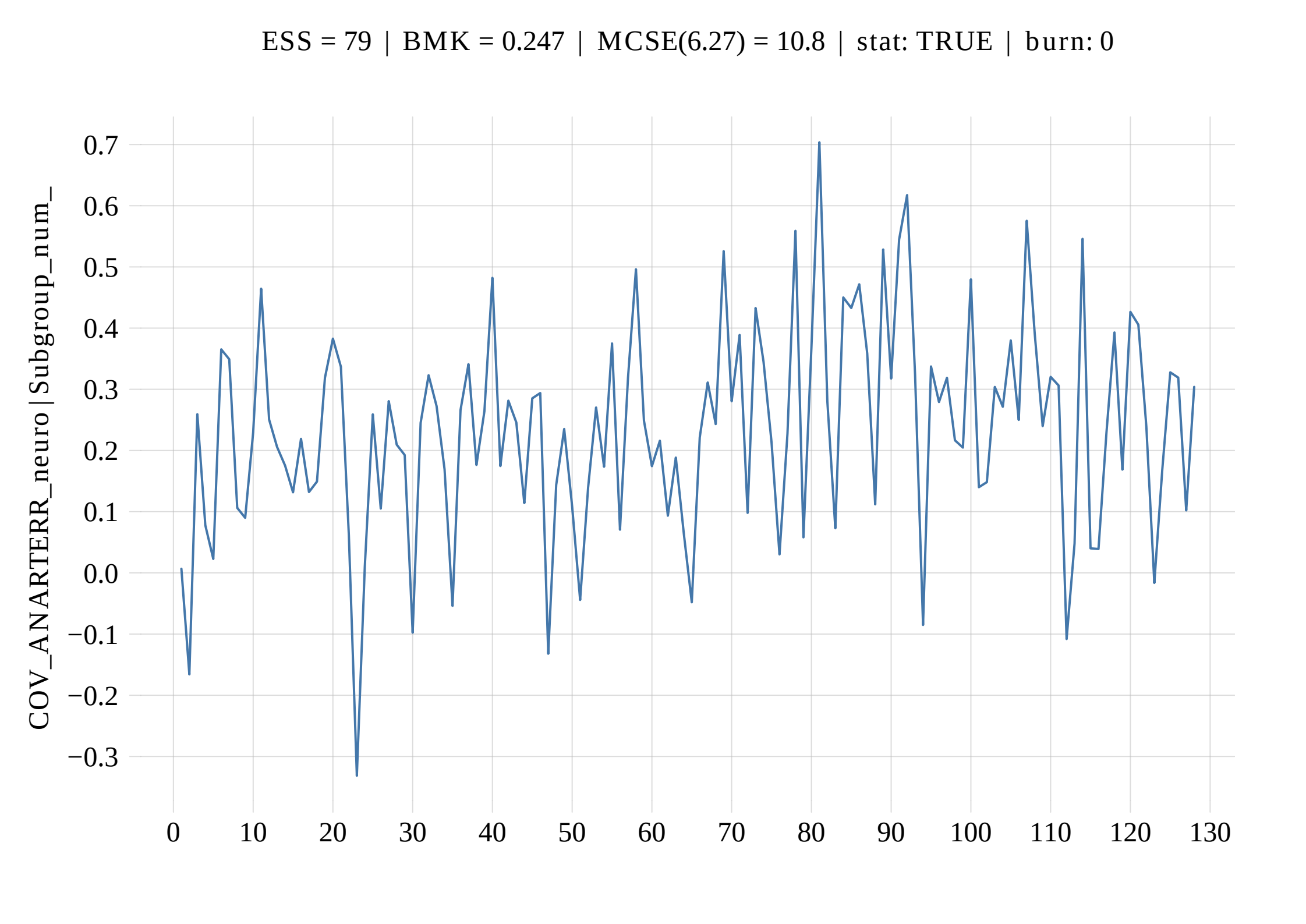

ESS = 128 | BMK = 0.085 | MCSE(6.27) = 12.1 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro | Apoe4_
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
0
10
20
30
40
50
60
70
80
90
100
110
120
130

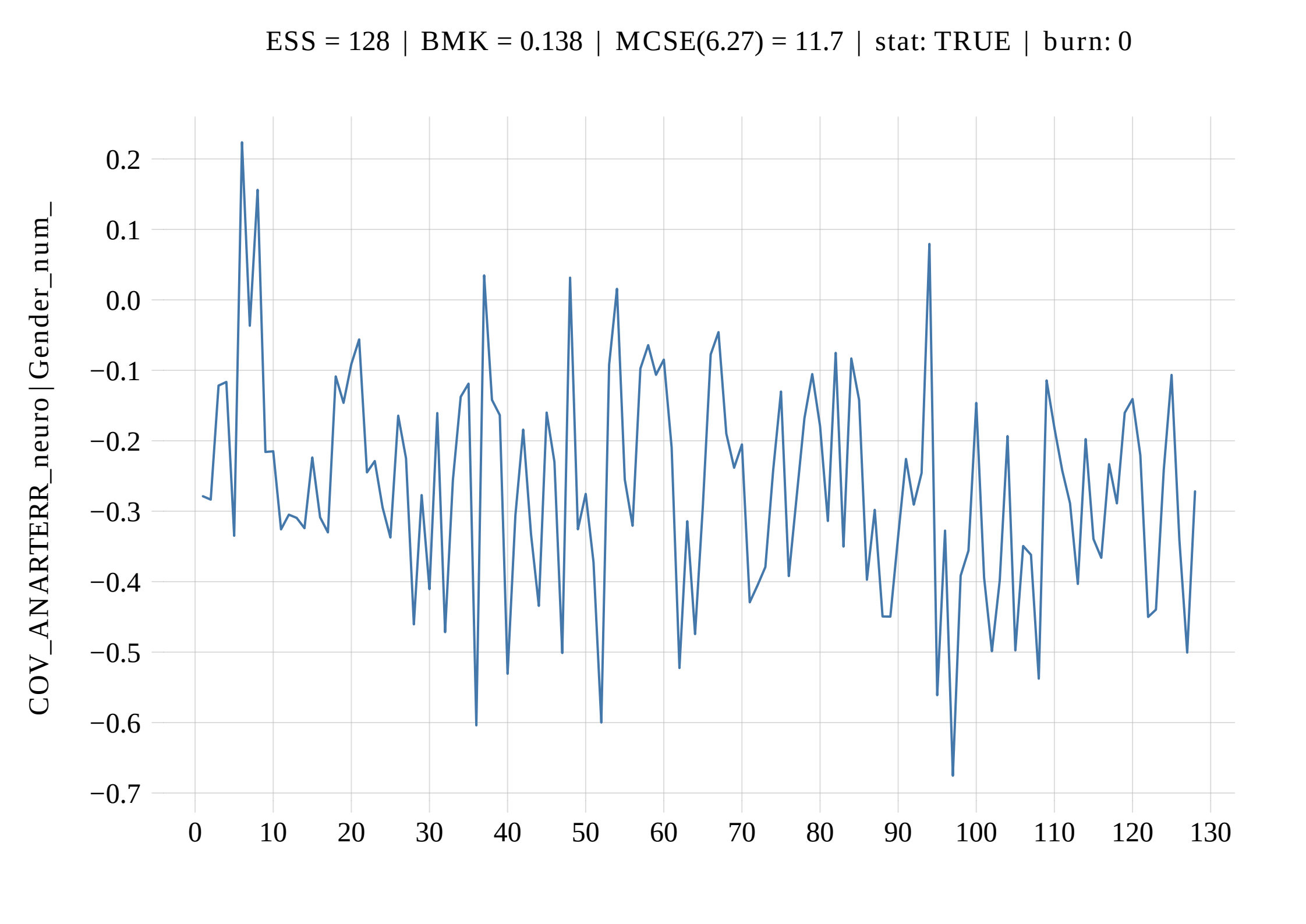

ESS = 14.2 | BMK = 0.3 | MCSE(6.27) = 16.9 | stat: FALSE | burn: 0
COV_GDTOTAL_gds | ANARTERR_neuro
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
0
10
20
30
40
50
60
70
80
90
100
110
120
130

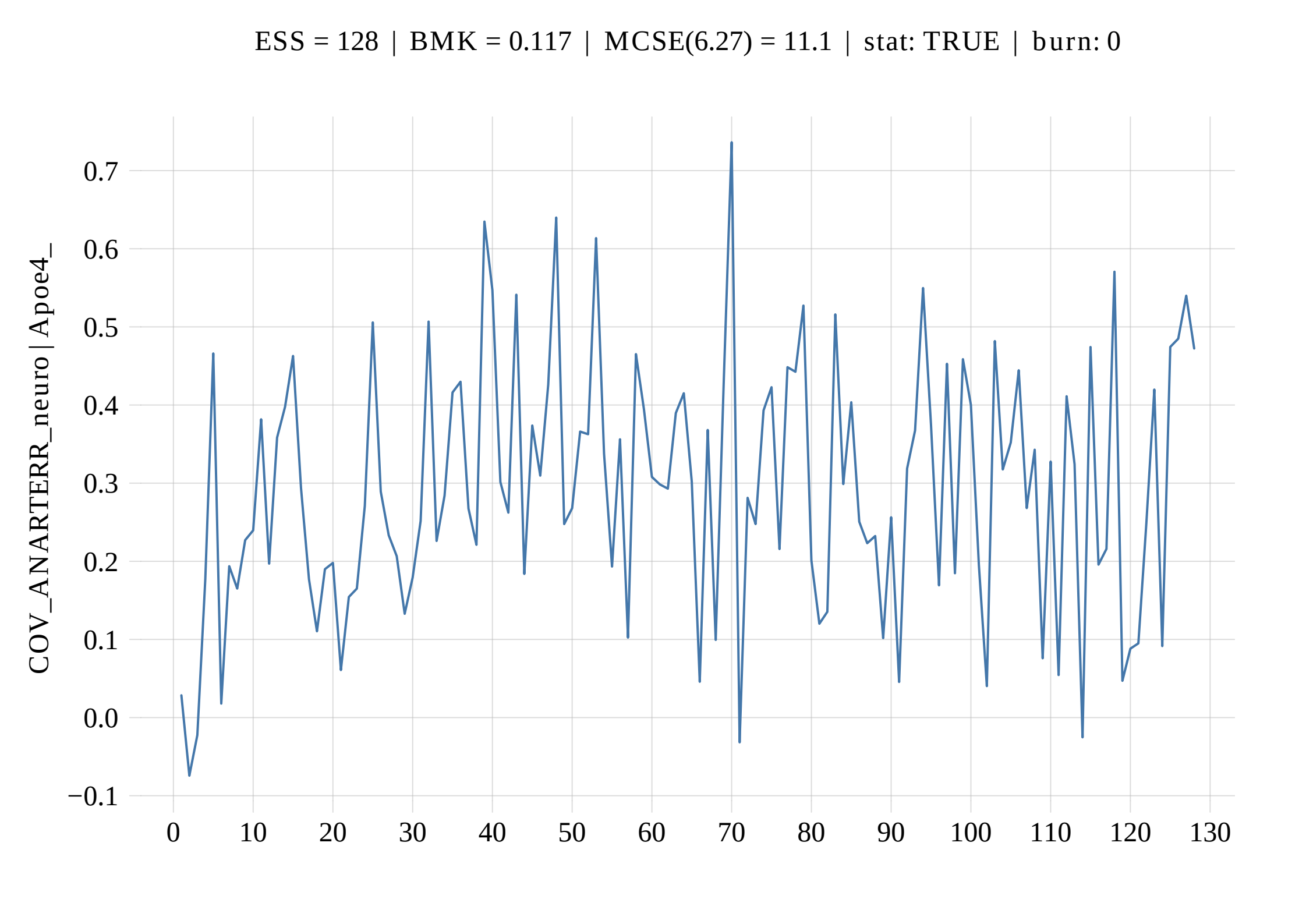

ESS = 100 | BMK = 0.0727 | MCSE(6.27) = 9.51 | stat: TRUE | burn: 0
COV_GDTOTAL_gds | Subgroup_num_
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
0
10
20
30
40
50
60
70
80
90
100
110
120
130

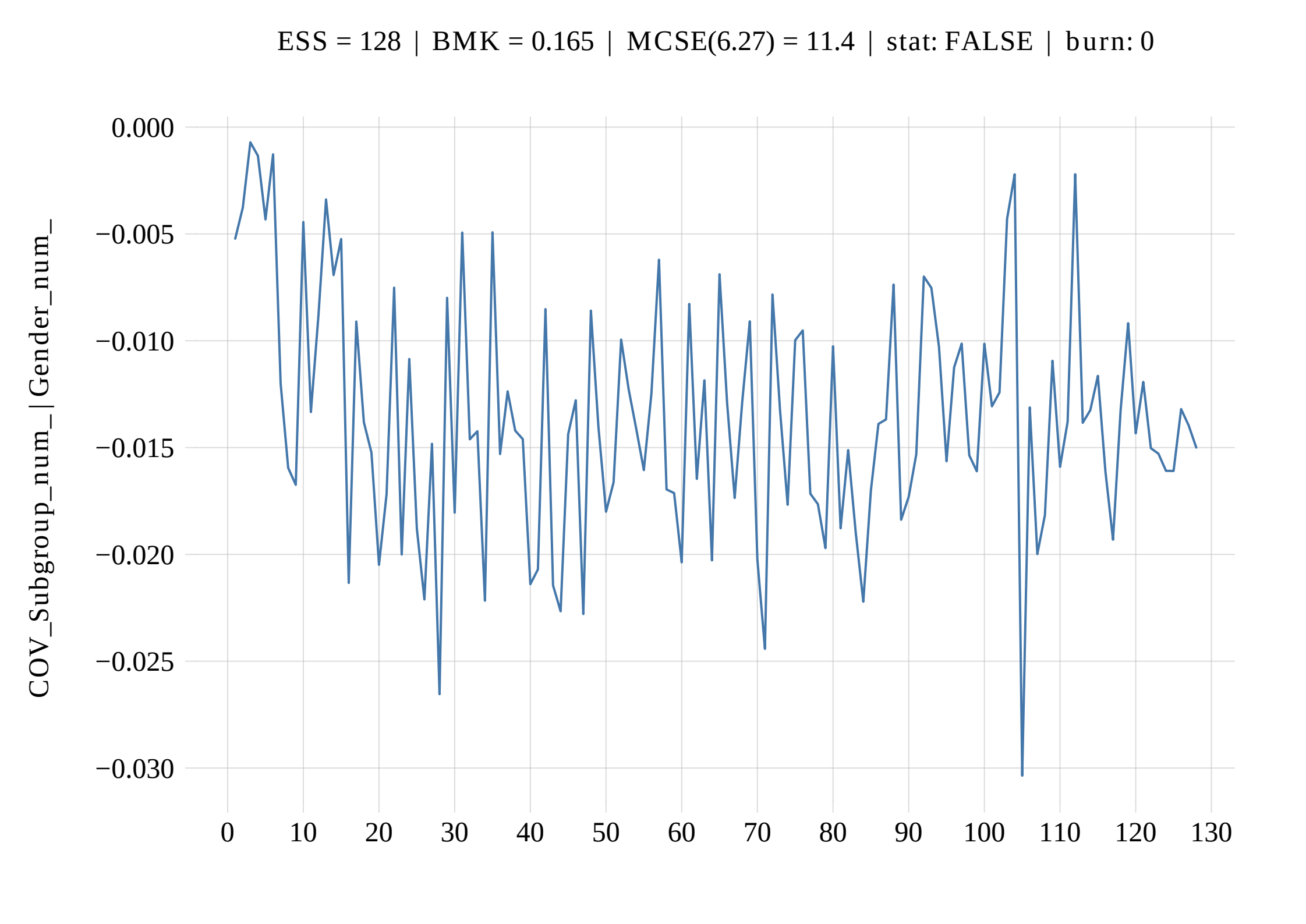

ESS = 33.9 | BMK = 0.115 | MCSE(6.27) = 10.4 | stat: TRUE | burn: 0
COV_GDTOTAL_gds | Gender_num_
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−0.005
−0.010
0
10
20
30
40
50
60
70
80
90
100
110
120
130

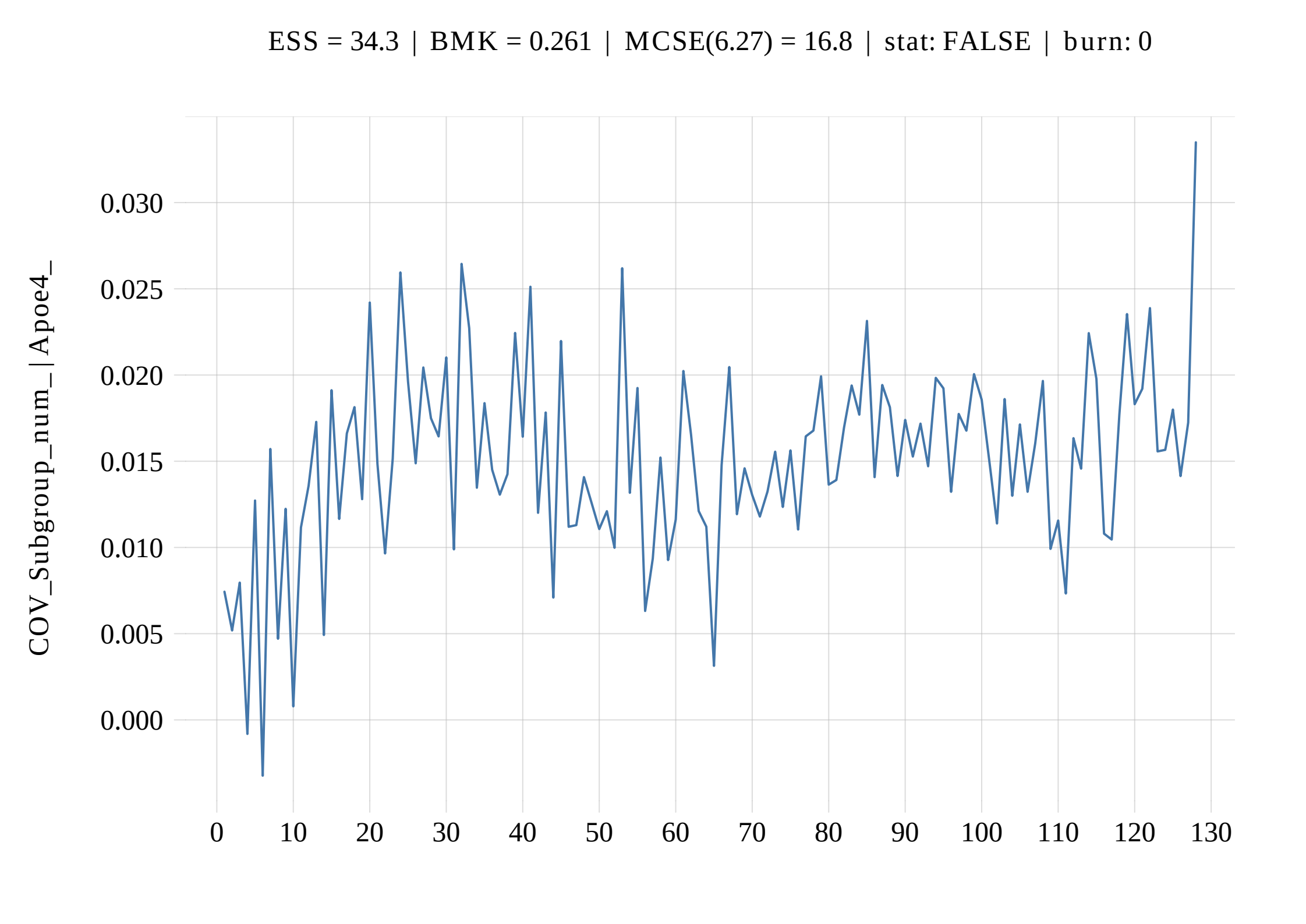

ESS = 15.6 | BMK = 0.373 | MCSE(6.27) = 14.5 | stat: FALSE | burn: 0
COV_GDTOTAL_gds | Apoe4_
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
0
10
20
30
40
50
60
70
80
90
100
110
120
130

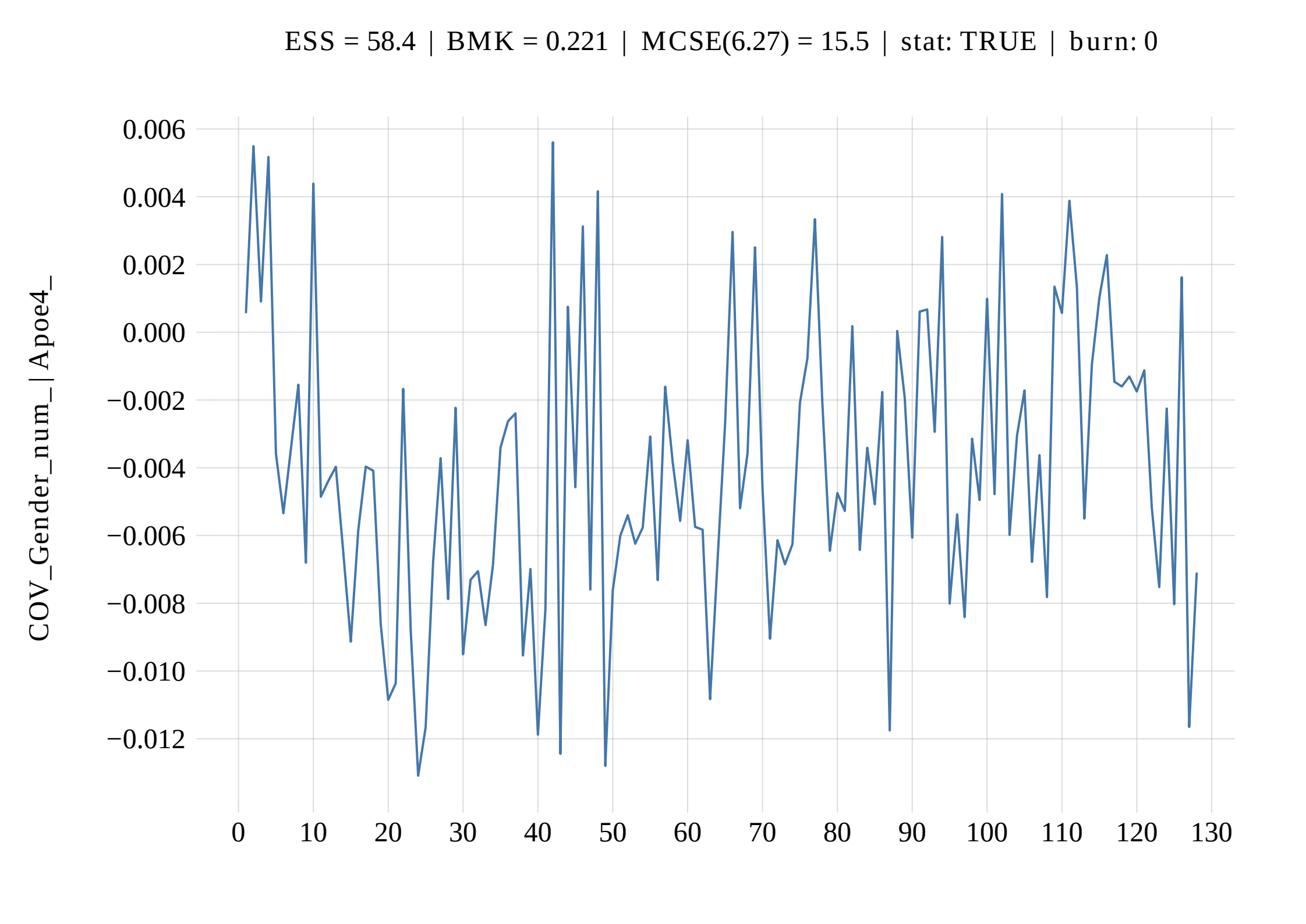

ESS = 79 | BMK = 0.247 | MCSE(6.27) = 10.8 | stat: TRUE | burn: 0
COV_ANARTERR_neuro|Subgroup_num_
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 128 | BMK = 0.138 | MCSE(6.27) = 11.7 | stat: TRUE | burn: 0
COV_ANARTERR_neuro|Gender_num_
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 128 | BMK = 0.117 | MCSE(6.27) = 11.1 | stat: TRUE | burn: 0
COV_ANARTERR_neuro | Apoe4_
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 128 | BMK = 0.165 | MCSE(6.27) = 11.4 | stat: FALSE | burn: 0
COV_Subgroup_num_|Gender_num_
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 34.3 | BMK = 0.261 | MCSE(6.27) = 16.8 | stat: FALSE | burn: 0
COV_Subgroup_num_|Apoe4_
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0
10
20
30
40
50
60
70
80
90
100
110
120
130


ESS = 58.4 | BMK = 0.221 | MCSE(6.27) = 15.5 | stat: TRUE | burn: 0
COV_Gender_num_|Apoe4_
0.006
0.004
0.002
0.000
−0.002
−0.004
−0.006
−0.008
−0.010
−0.012
0
10
20
30
40
50
60
70
80
90
100
110
120
130