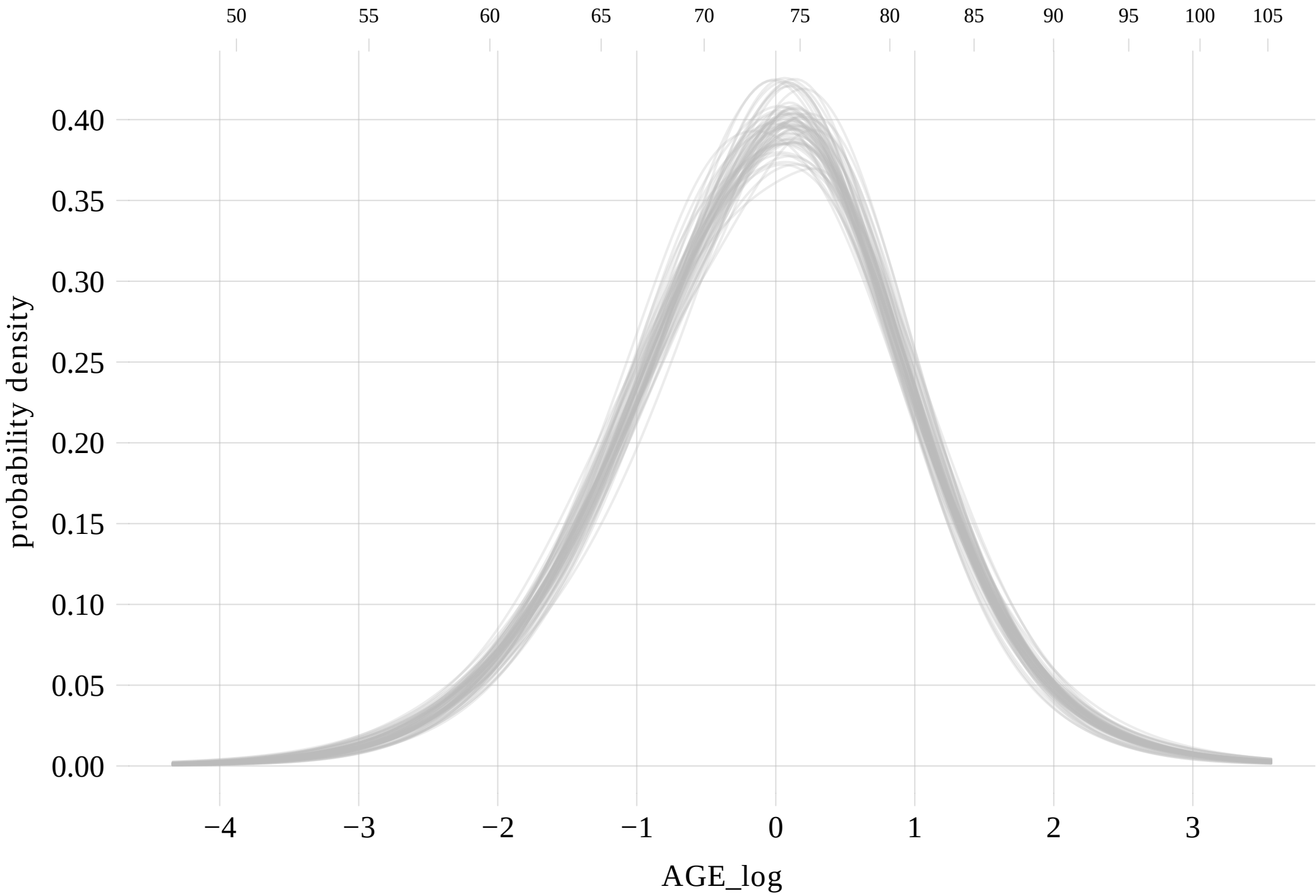
−− STATS maxD −−
min ESS = 15.4727660802891
max BMK = 0.48939465896499
max MCSE = 11.5447905779295
all stationary: FALSE
burn: 0

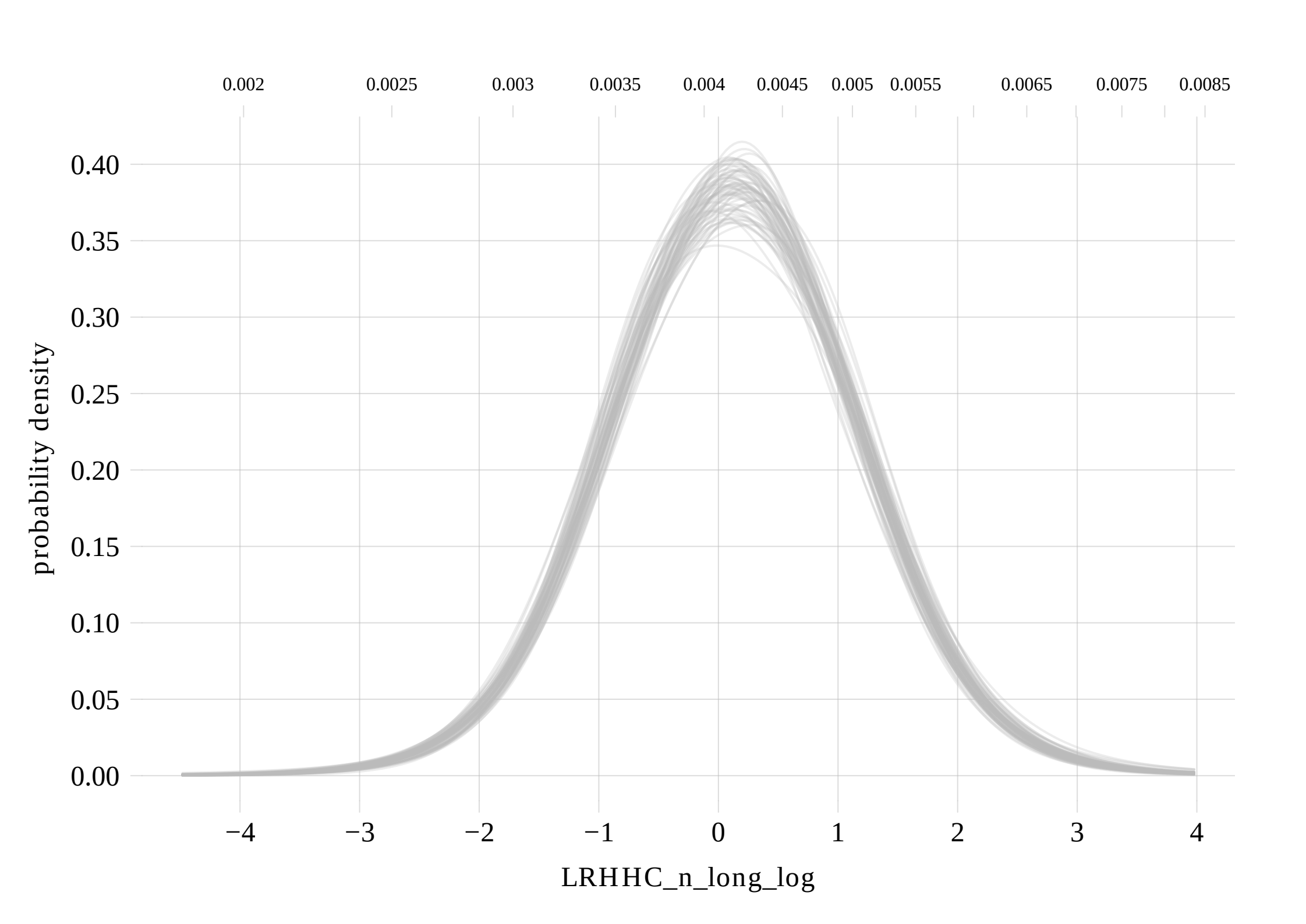
−− STATS 2D −−
min ESS = 579.863747939655
max BMK = 0.101127786582172
max MCSE = 3.81757424240752
all stationary: FALSE
burn: 0

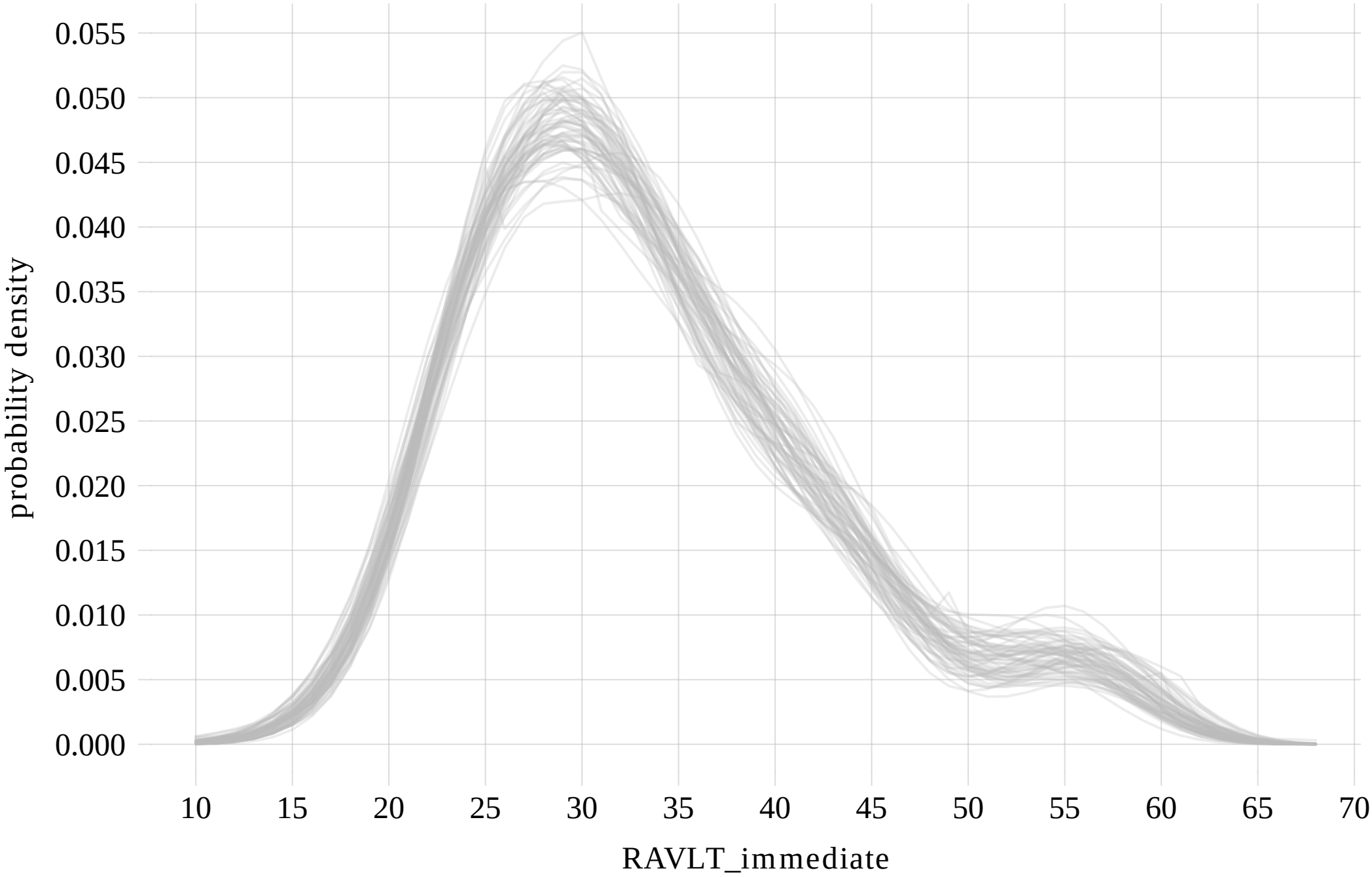
WARNINGS:

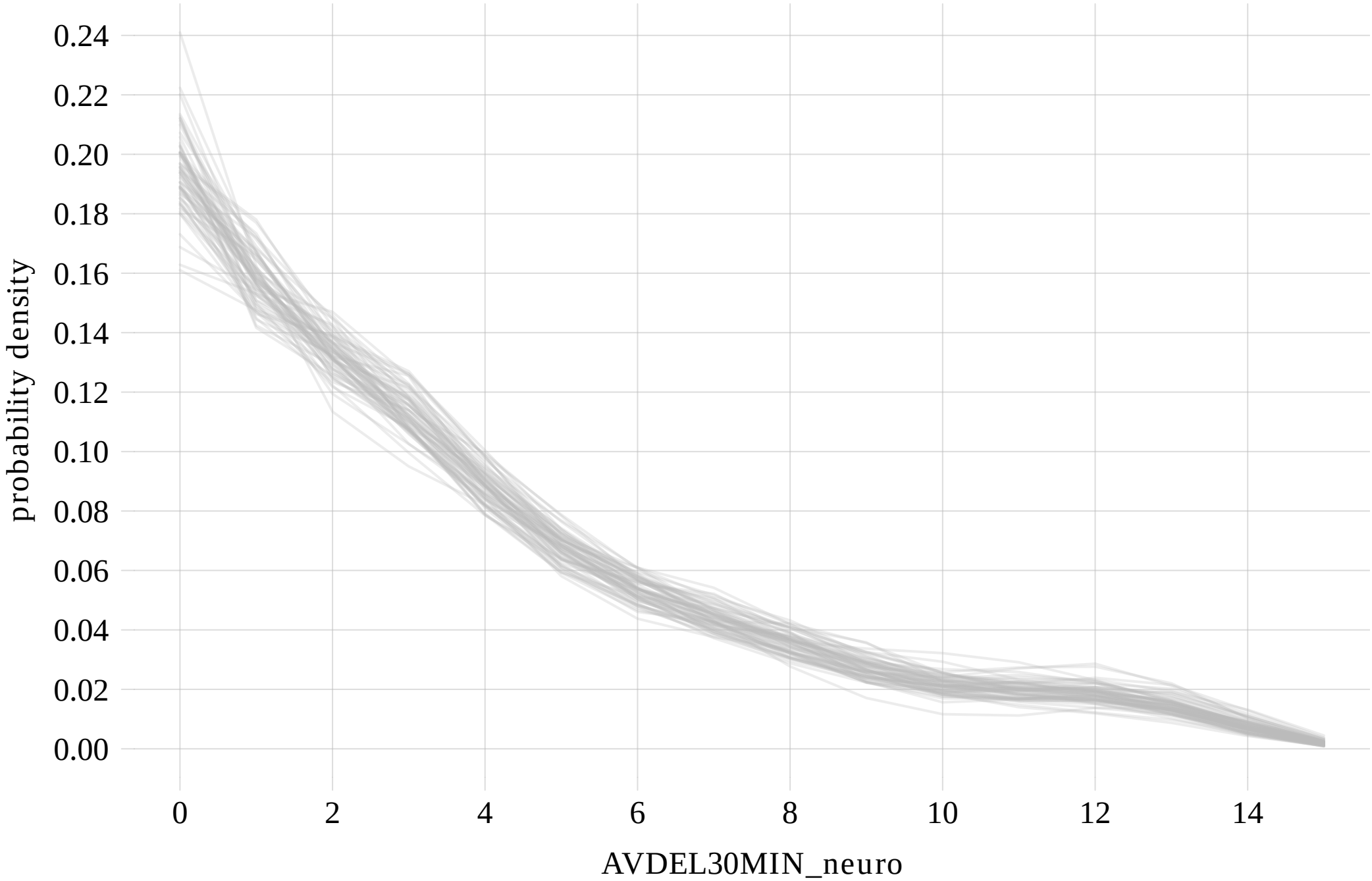
−− STATS 1D −−
min ESS = 437.770869129221
max BMK = 0.309679106731643
max MCSE = 3.97142964497055
all stationary: FALSE
burn: 1020

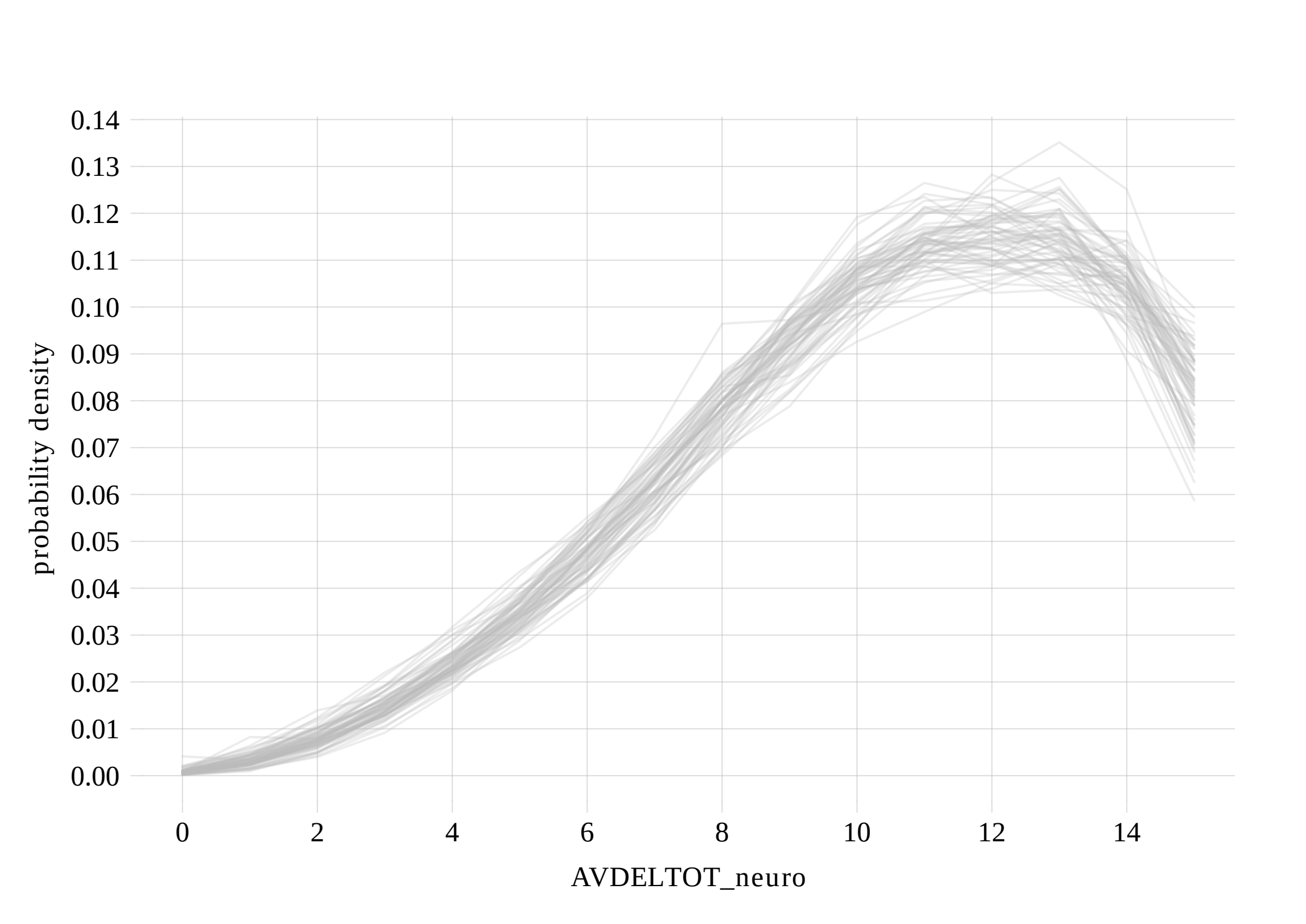
Occupied clusters: −1 of 75
LL: −1910 +− 6.89

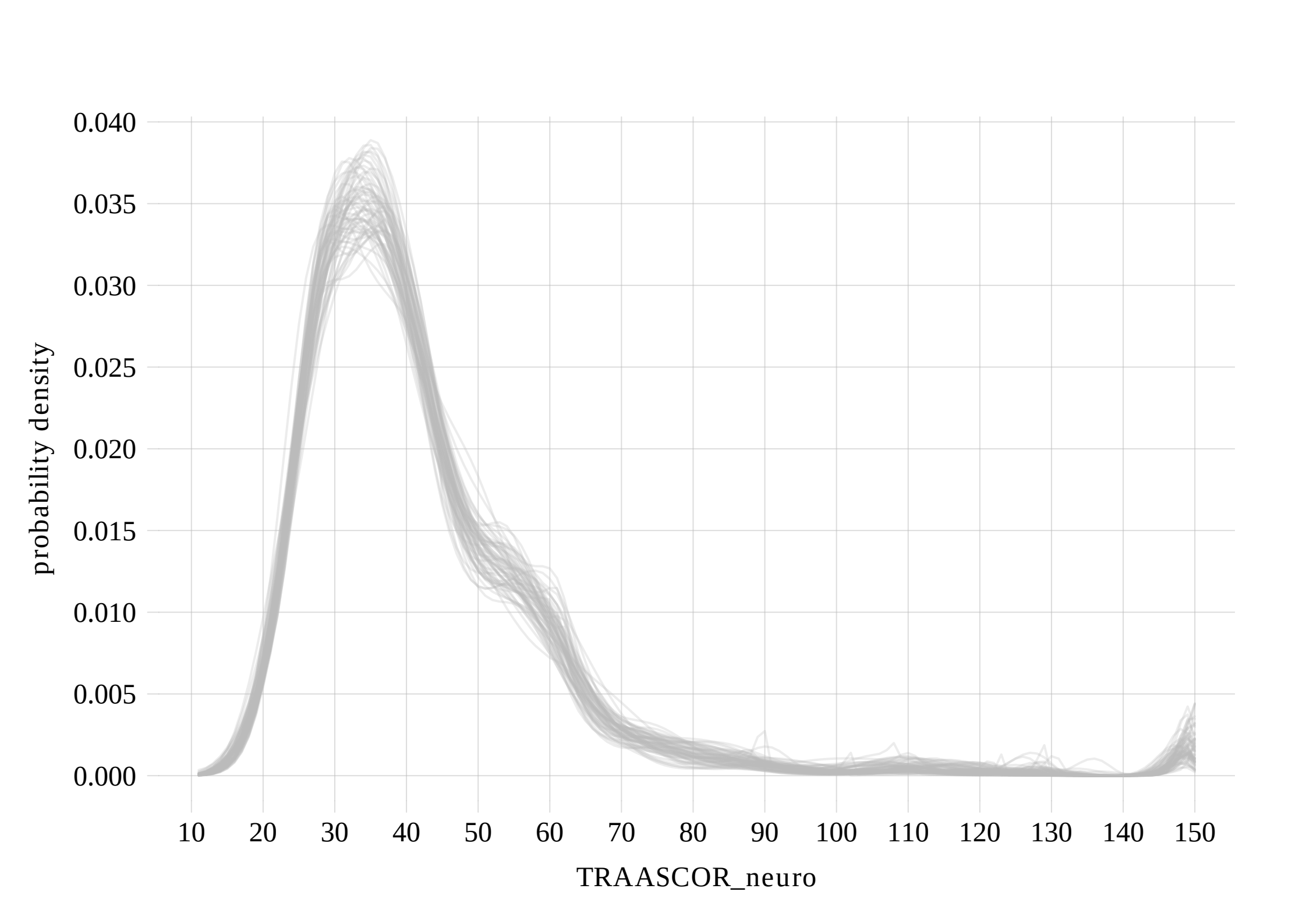

50
55
60
65
70
75
80
85
90
95
100
105
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
AGE_log

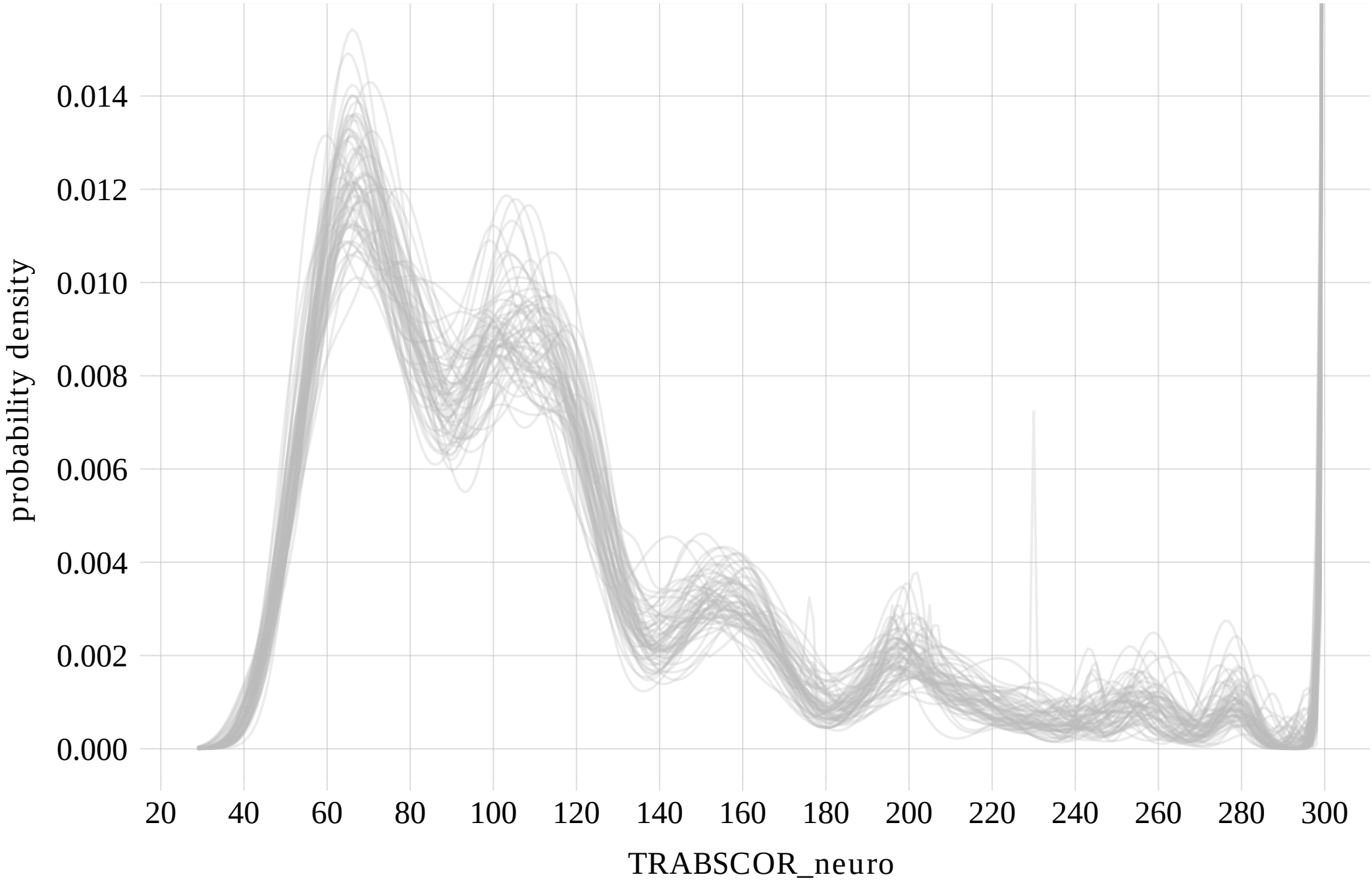

0.002
0.0025
0.003
0.0035
0.004
0.0045
0.005
0.0055
0.0065
0.0075
0.0085
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
−4
−3
−2
−1
0
1
2
3
4
LRHHC_n_long_log

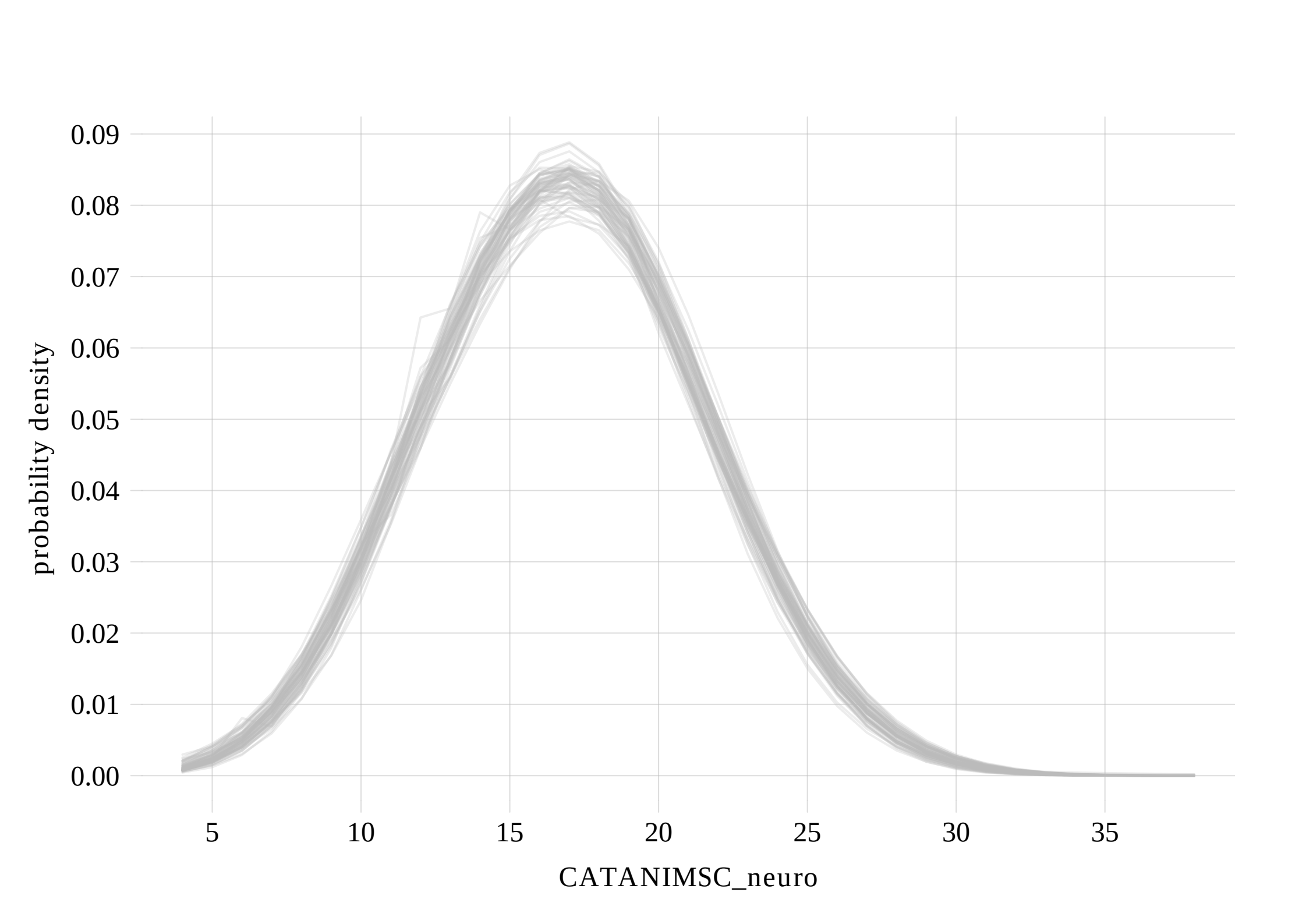

0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
probability density
10
15
20
25
30
35
40
45
50
55
60
65
70
RAVLT_immediate

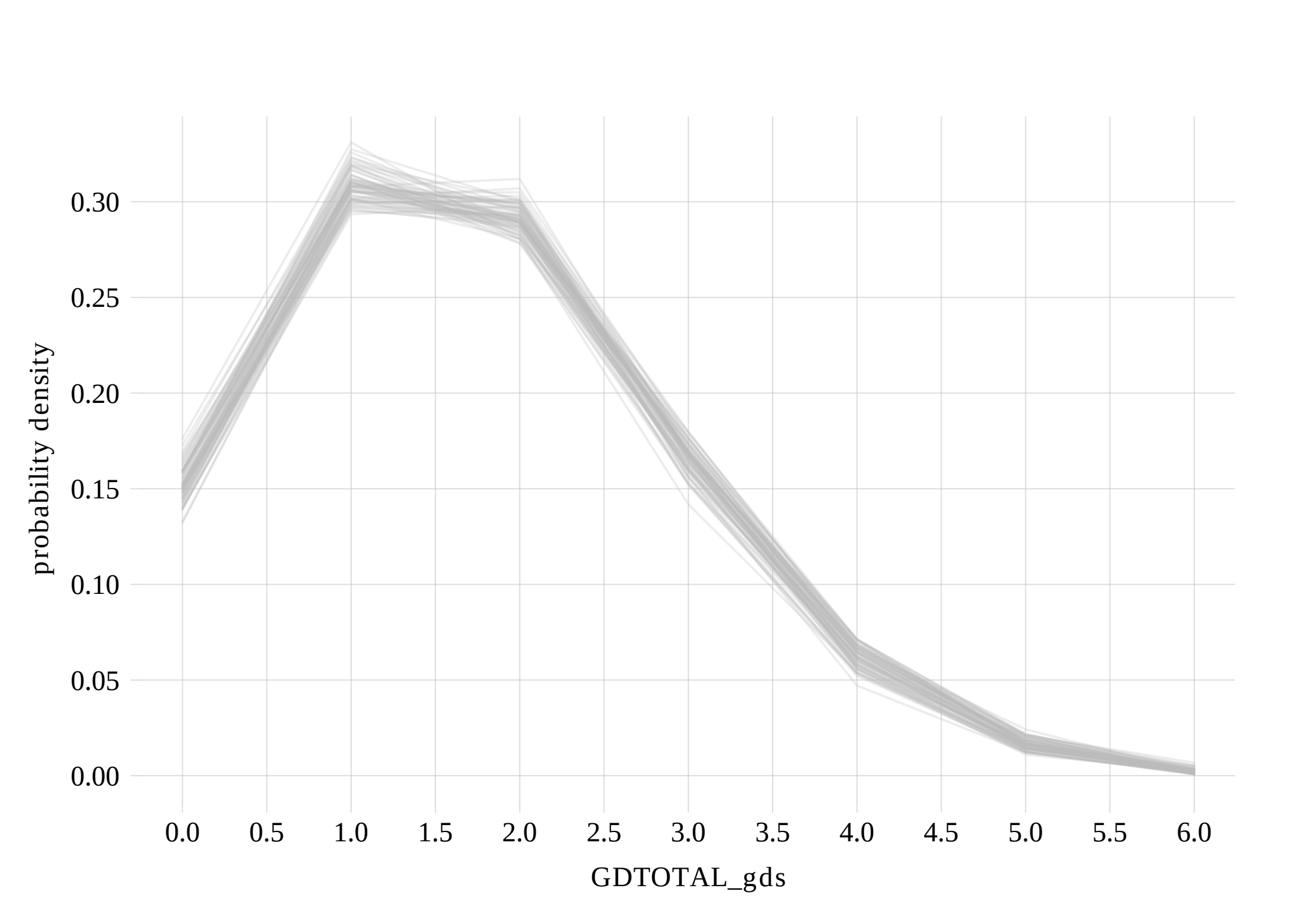

probability density
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
2
4
6
8
10
12
14
AVDEL30MIN_neuro

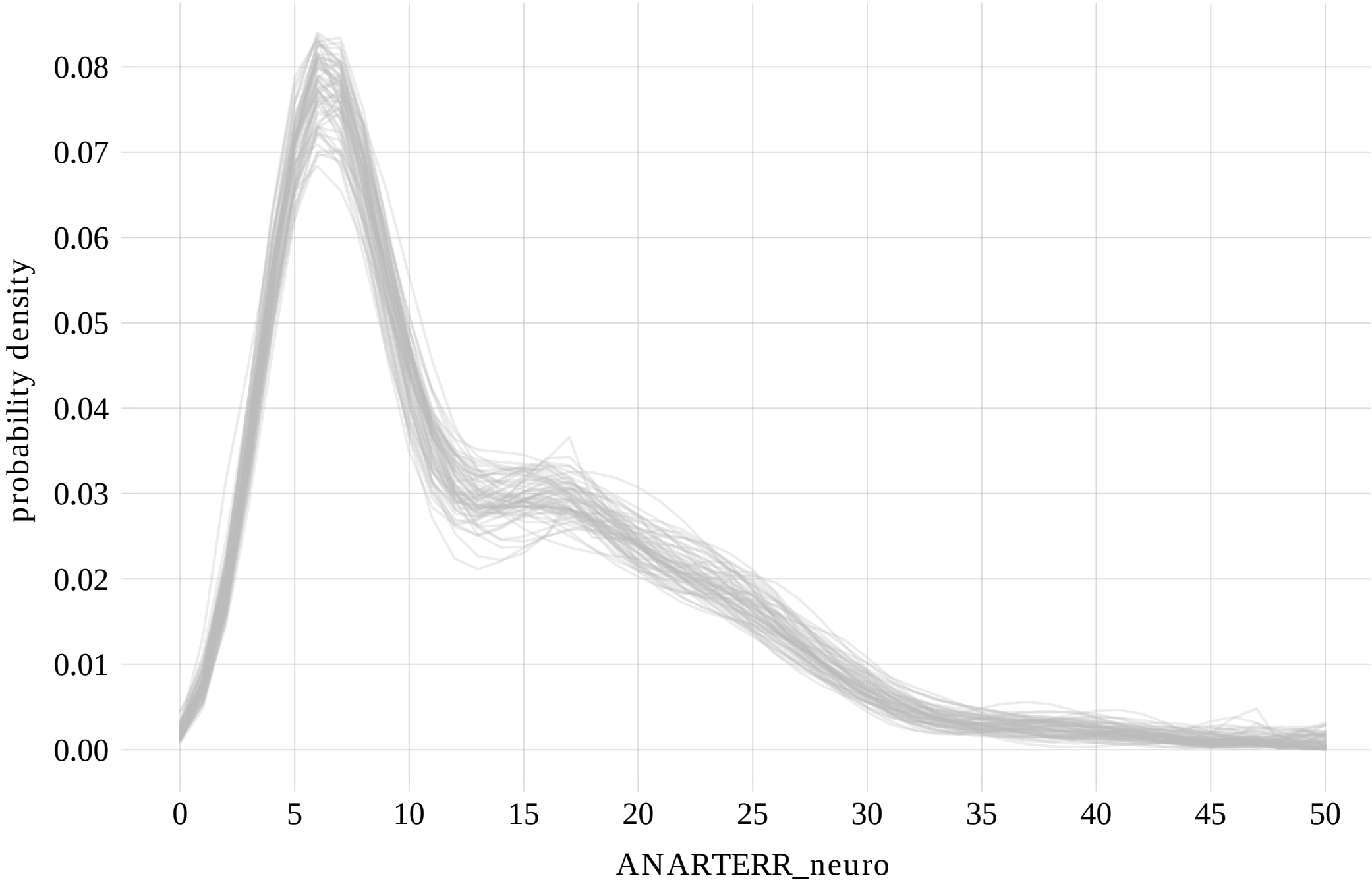

0.14
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability density
0
2
4
6
8
10
12
14
AVDELTOT_neuro

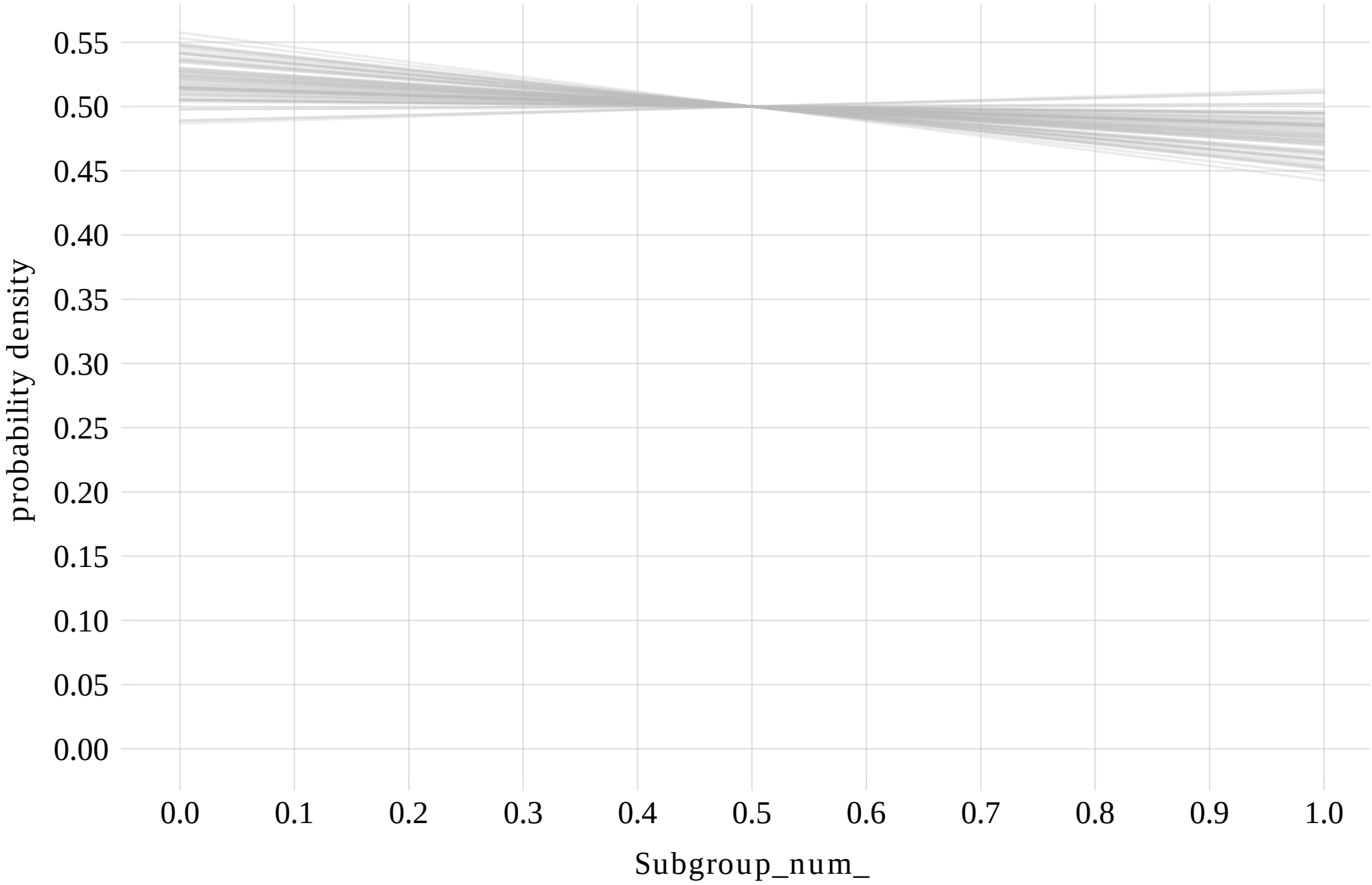

0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
probability density
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
TRAASCOR_neuro

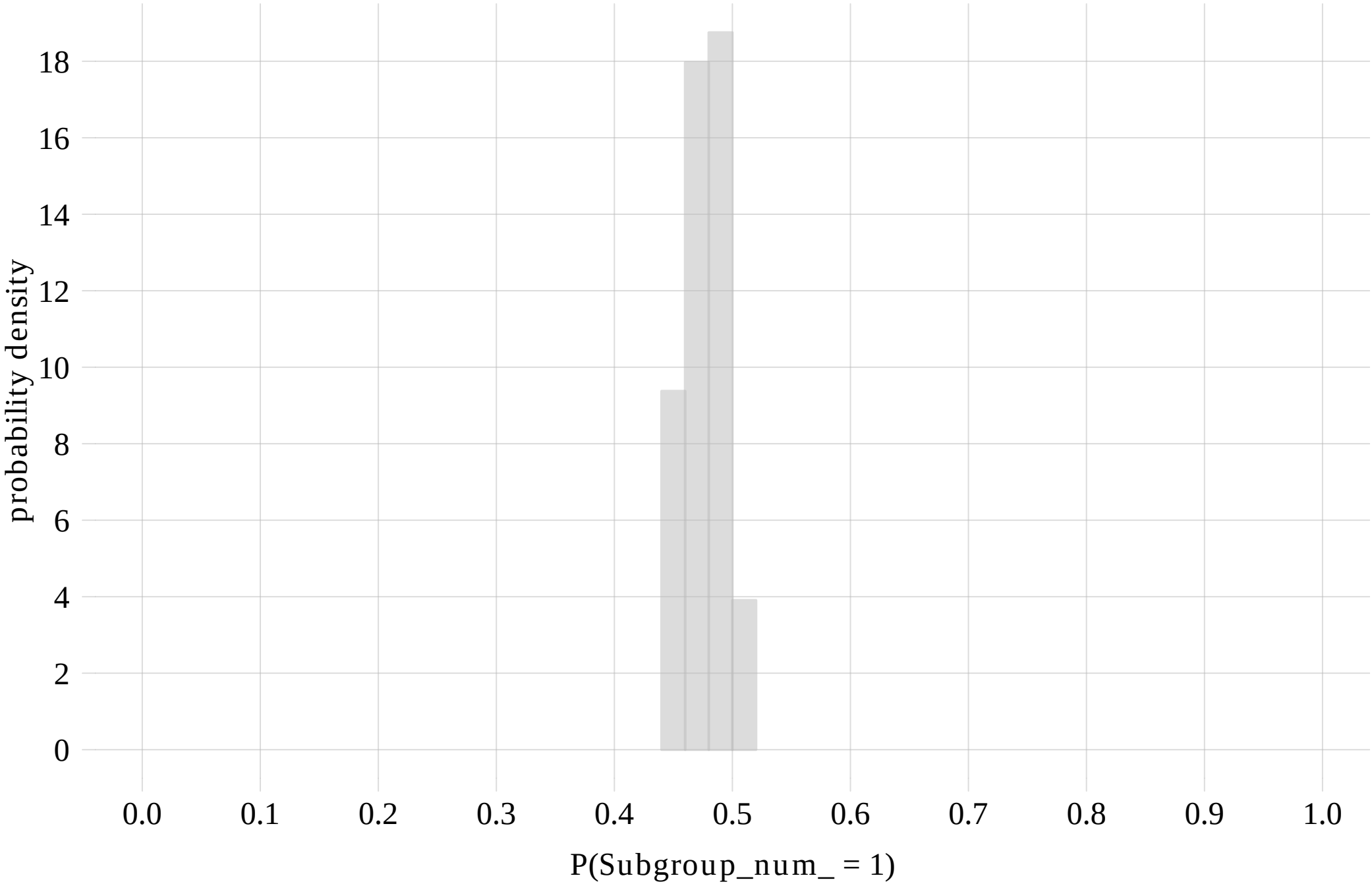

probability density
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
TRABSCOR_neuro

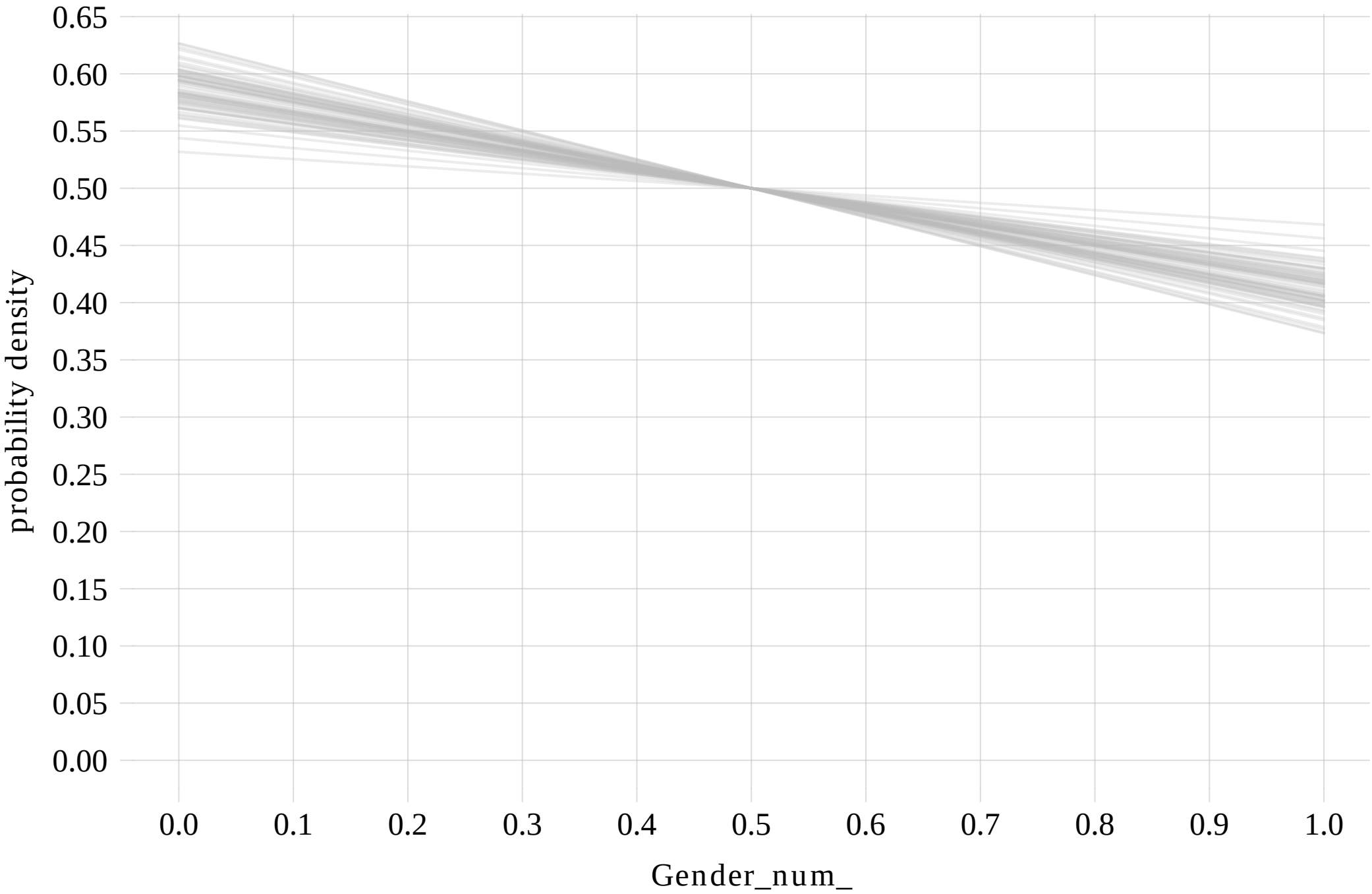

0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
probability density
5
10
15
20
25
30
35
CATANIMSC_neuro

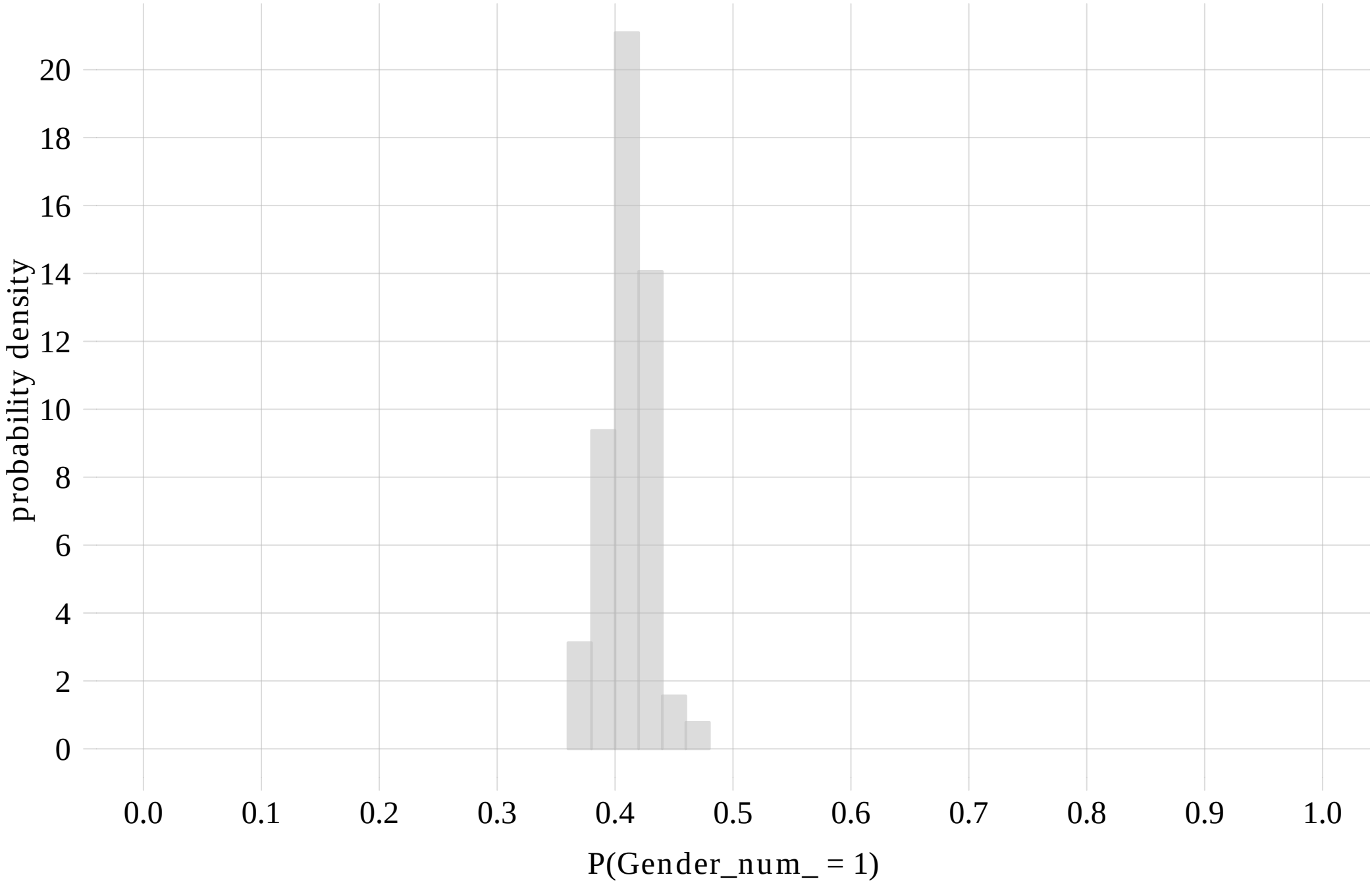

probability density
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
GDTOTAL_gds

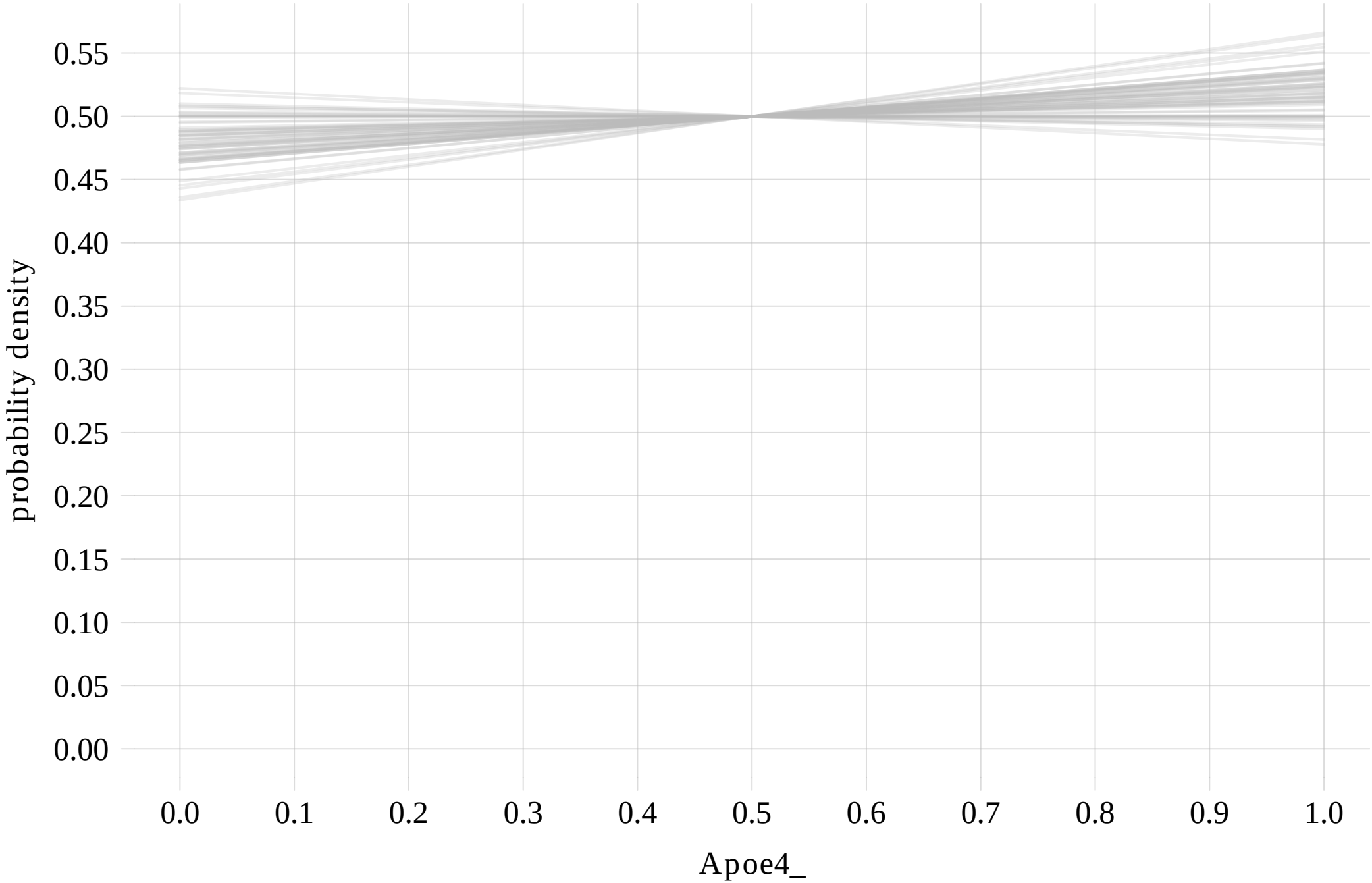

probability density
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
5
10
15
20
25
30
35
40
45
50
ANARTERR_neuro

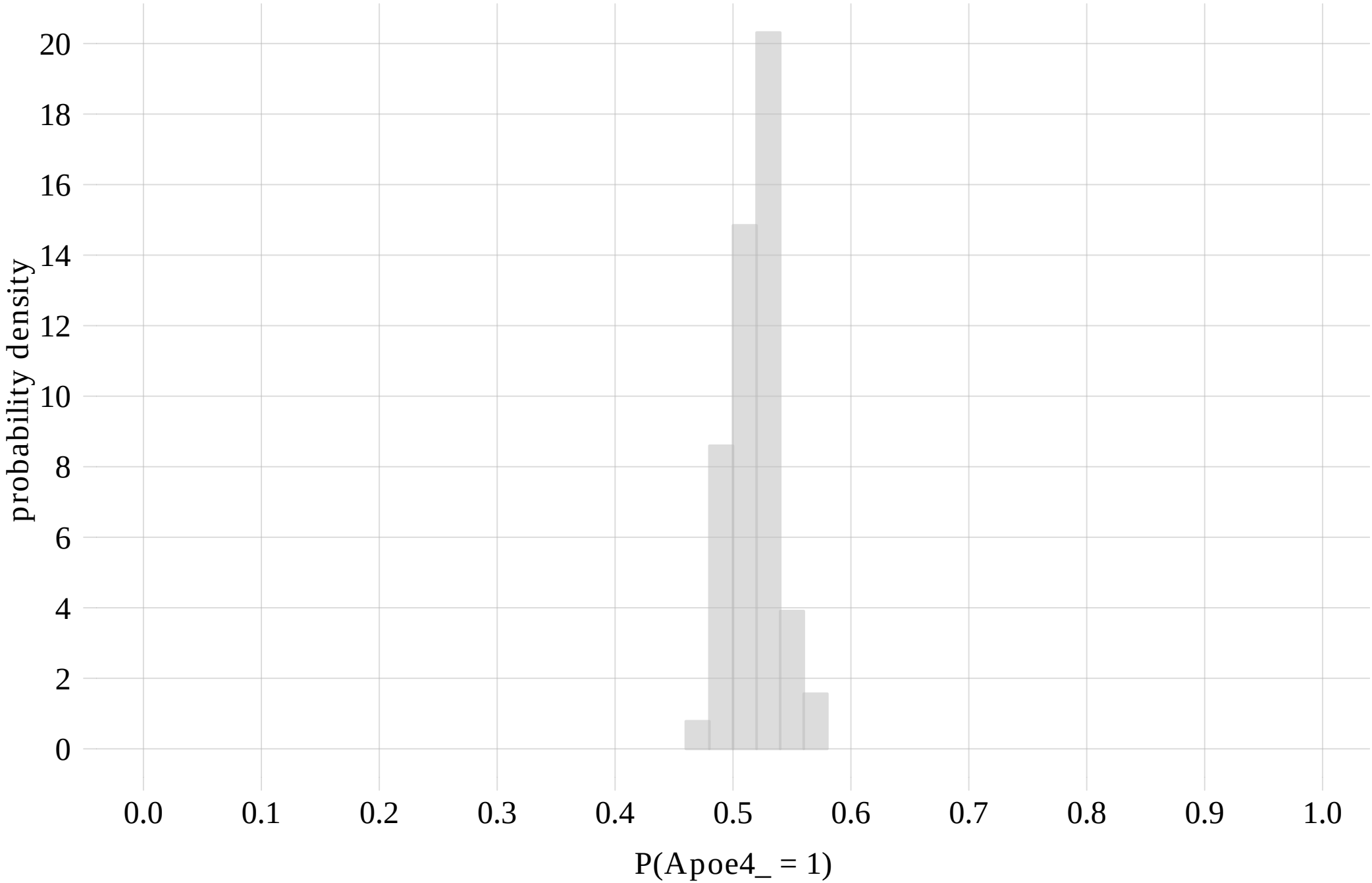

0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Subgroup_num_

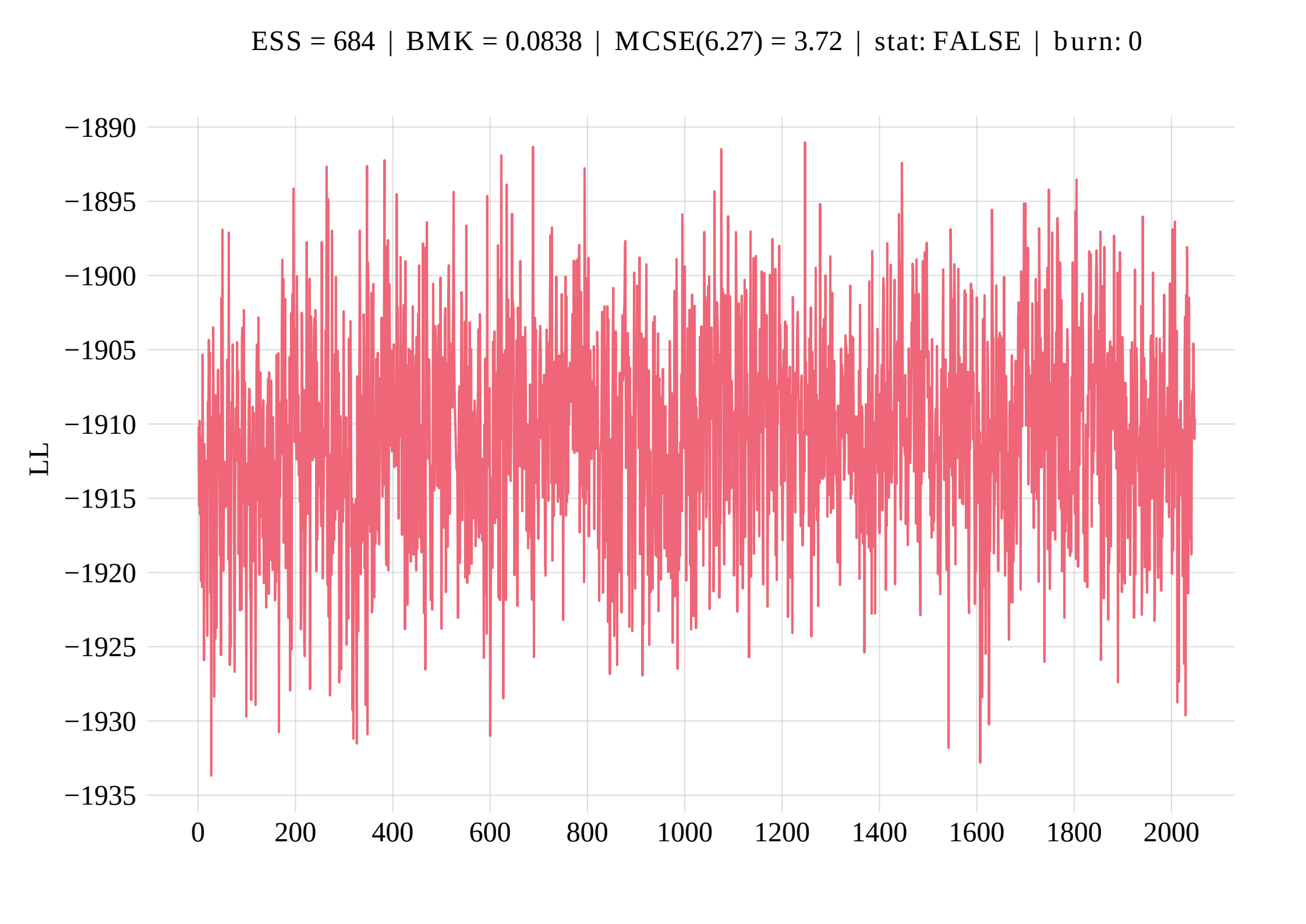

probability density
18
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Subgroup_num_ = 1)

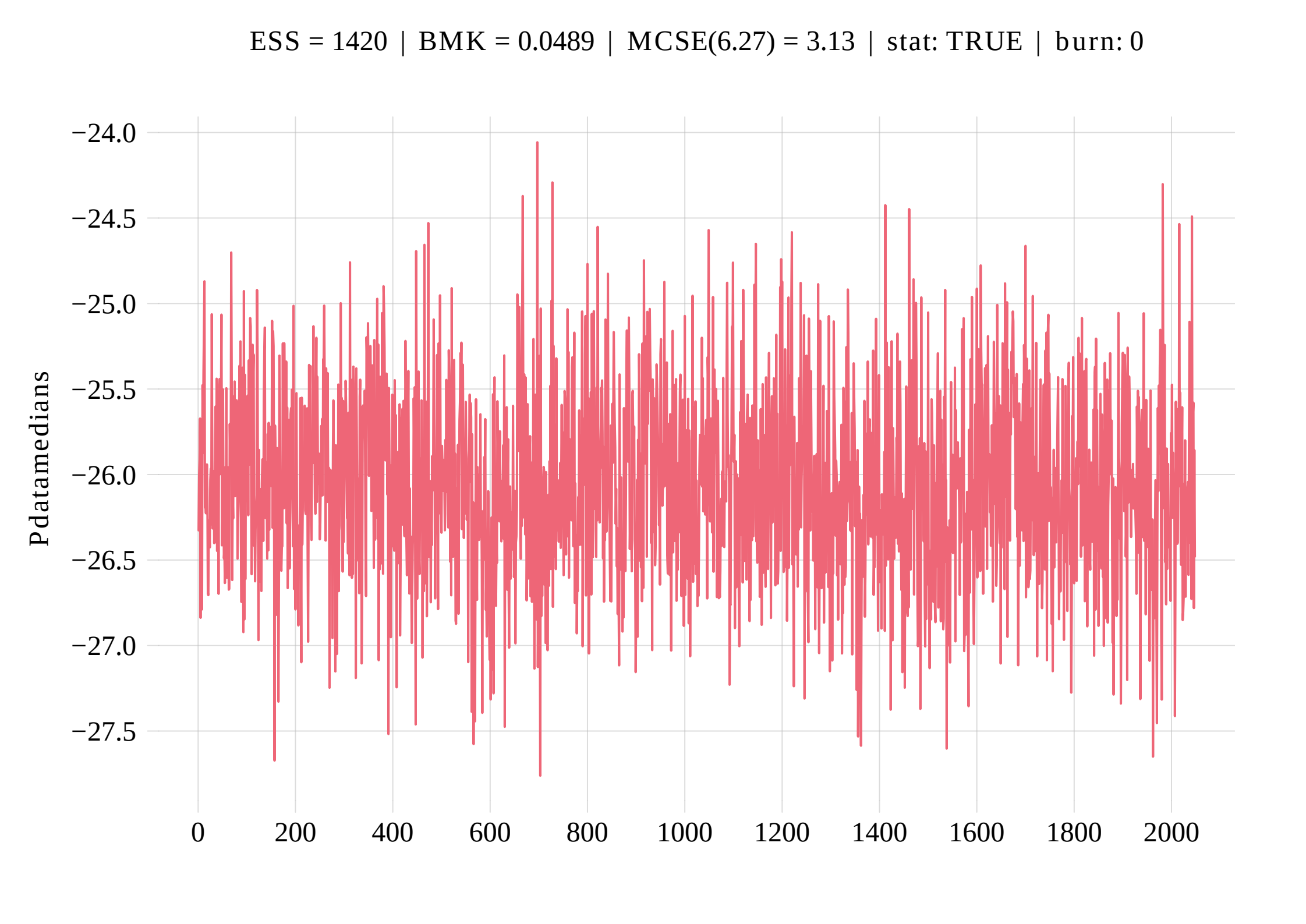

0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Gender_num_

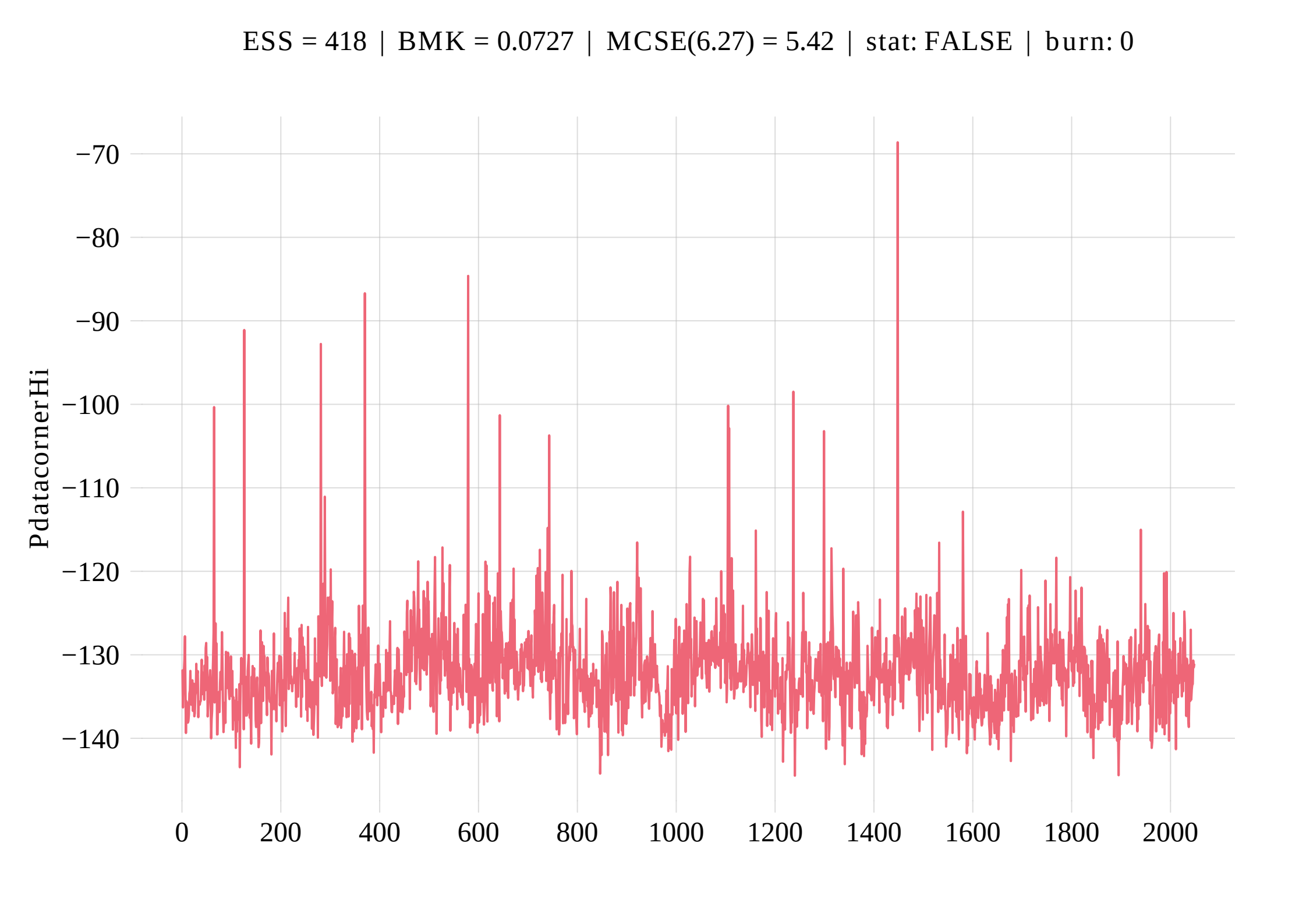

probability density
20
18
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Gender_num_ = 1)

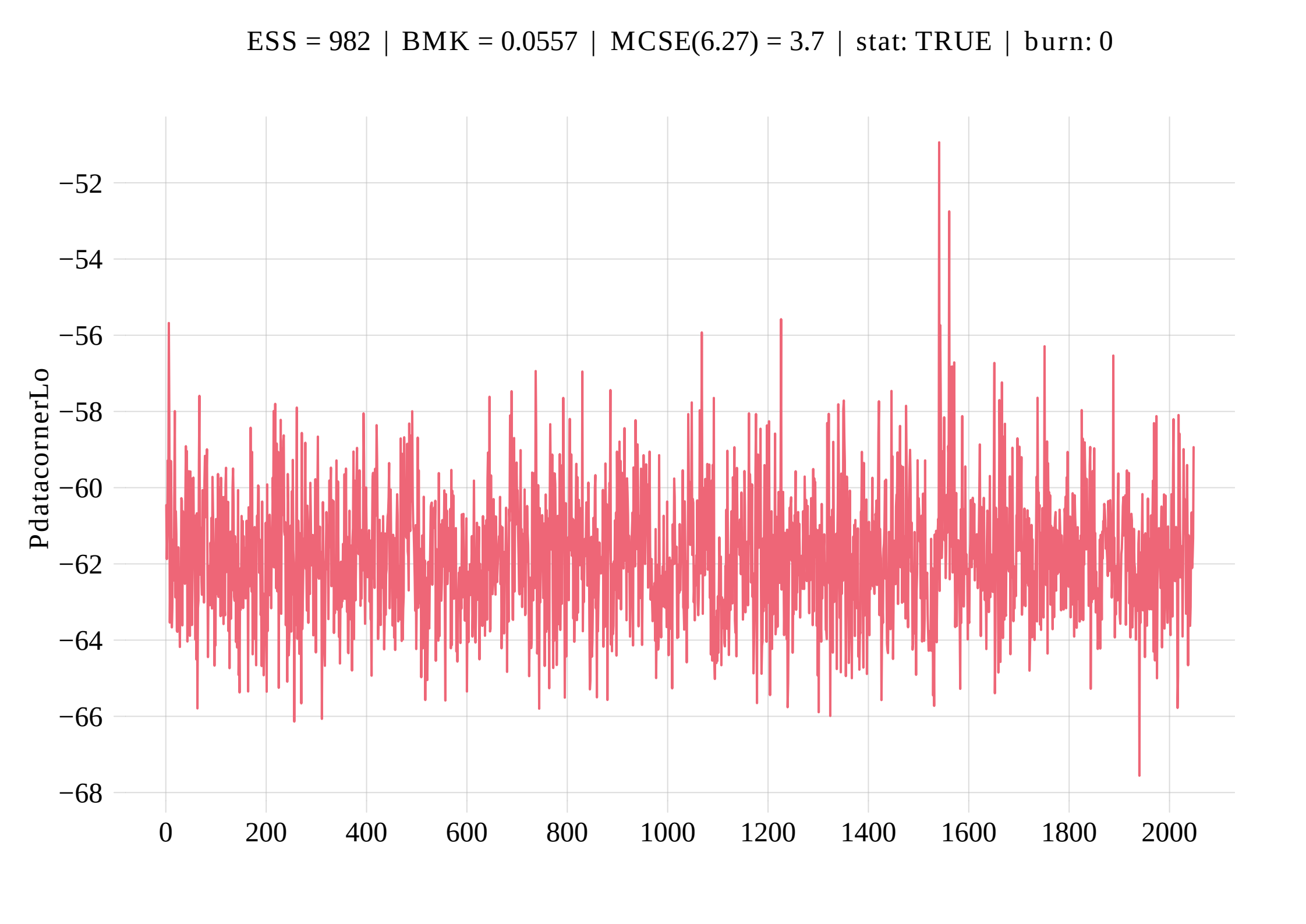

0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
probability density
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
Apoe4_

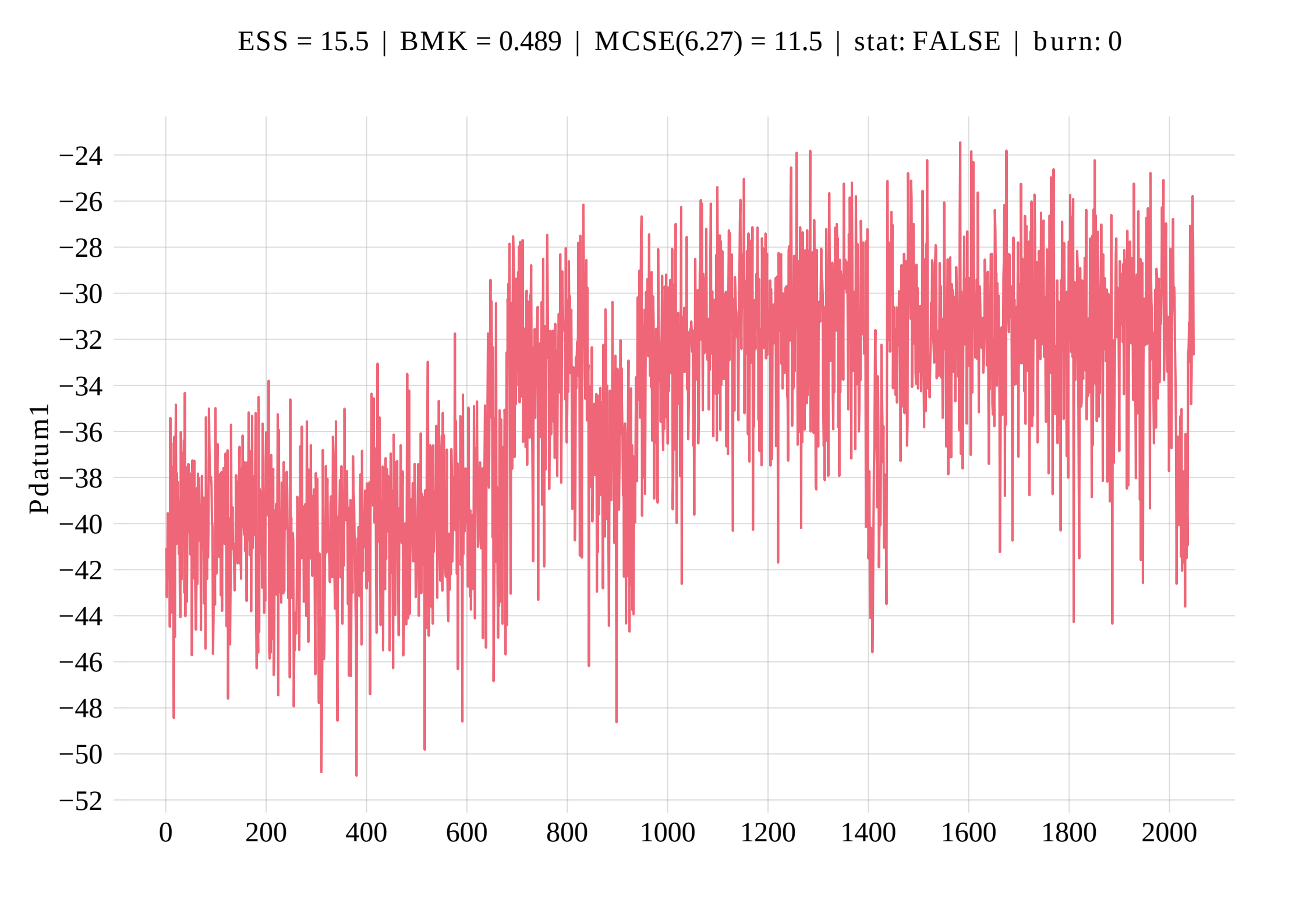

probability density
20
18
16
14
12
10
8
6
4
2
0
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
P(Apoe4_ = 1)

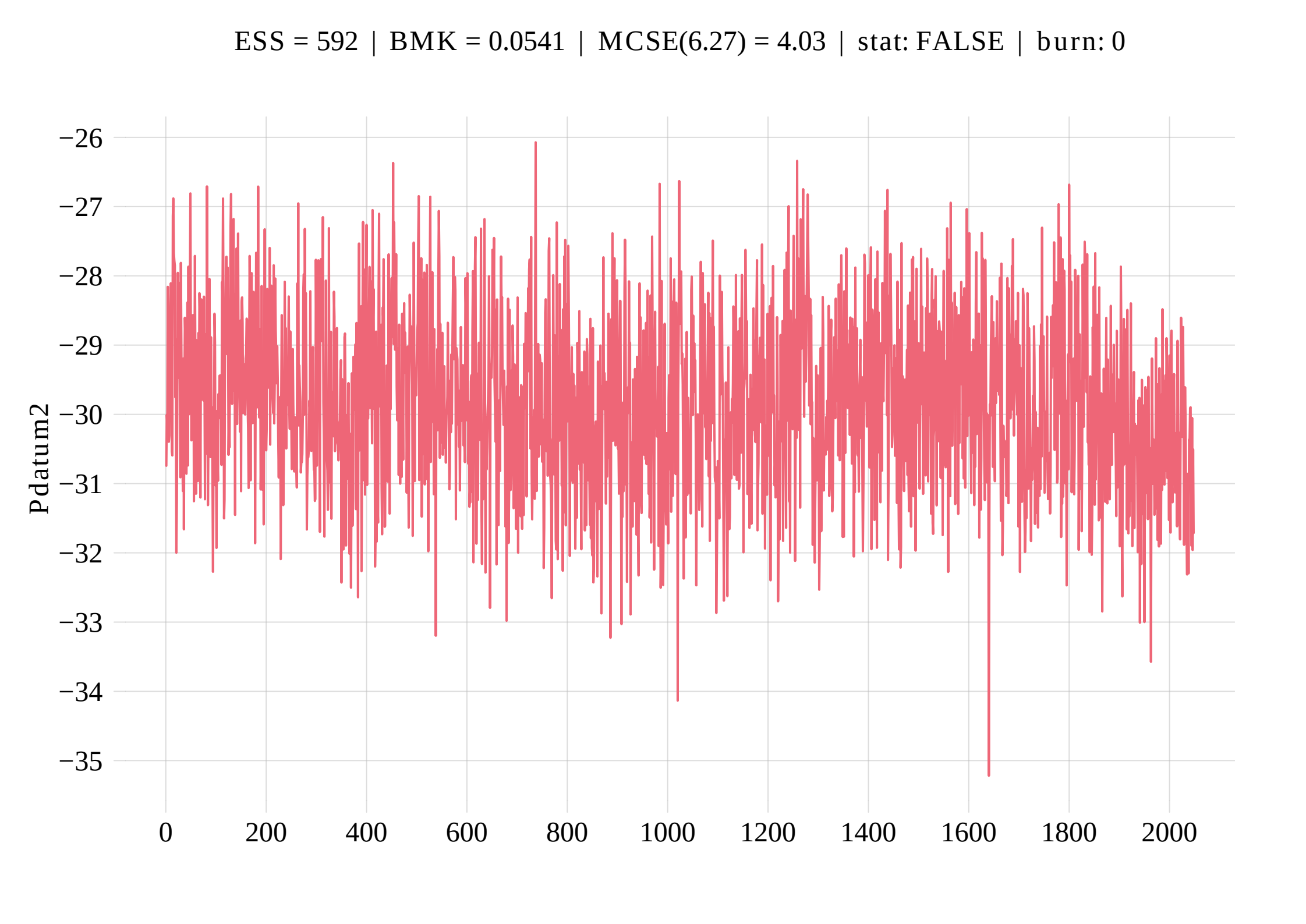

ESS = 684 | BMK = 0.0838 | MCSE(6.27) = 3.72 | stat: FALSE | burn: 0
LL
−1890
−1895
−1900
−1905
−1910
−1915
−1920
−1925
−1930
−1935
0
200
400
600
800
1000
1200
1400
1600
1800
2000

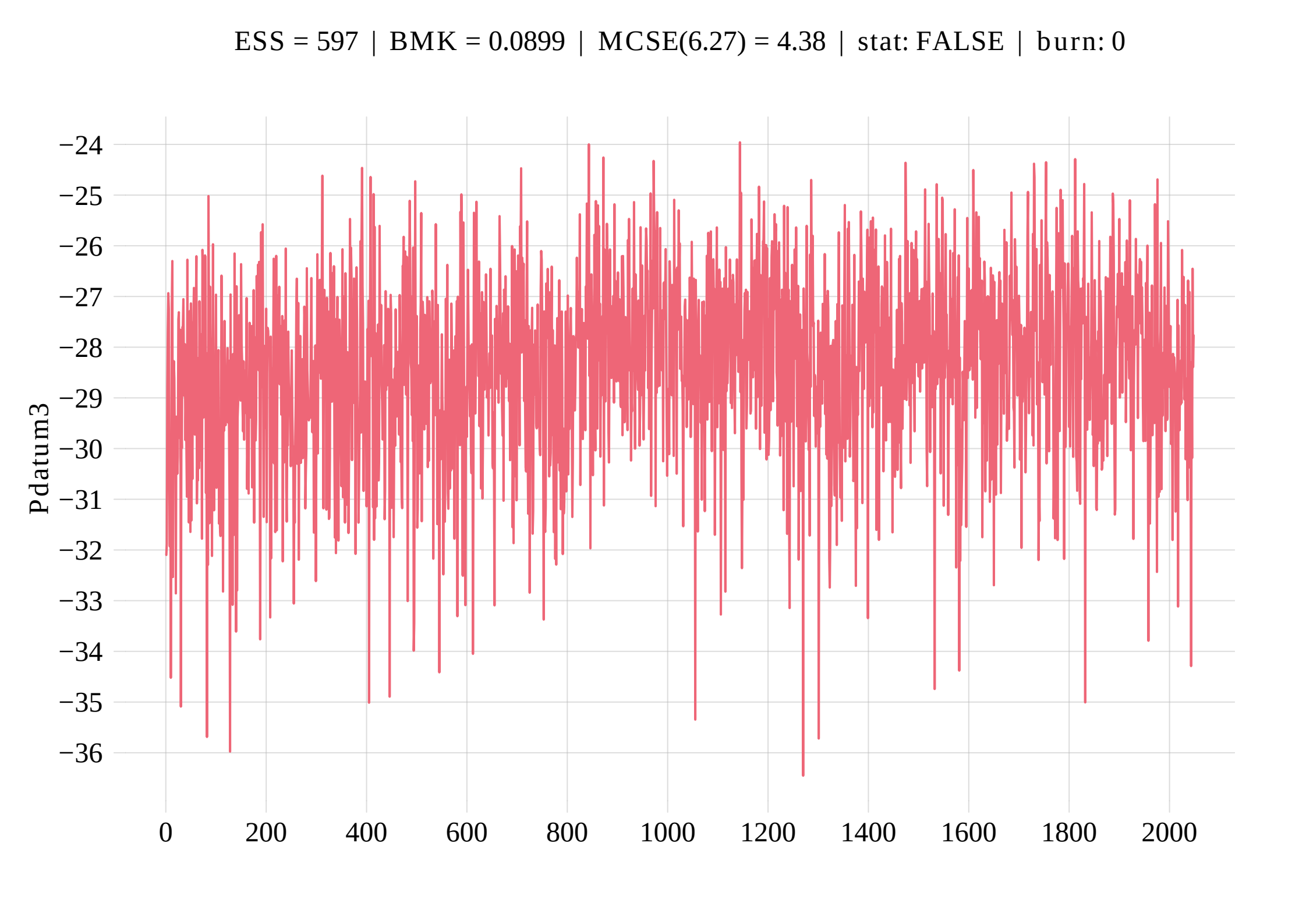

ESS = 1420 | BMK = 0.0489 | MCSE(6.27) = 3.13 | stat: TRUE | burn: 0
Pdatamedians
−24.0
−24.5
−25.0
−25.5
−26.0
−26.5
−27.0
−27.5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

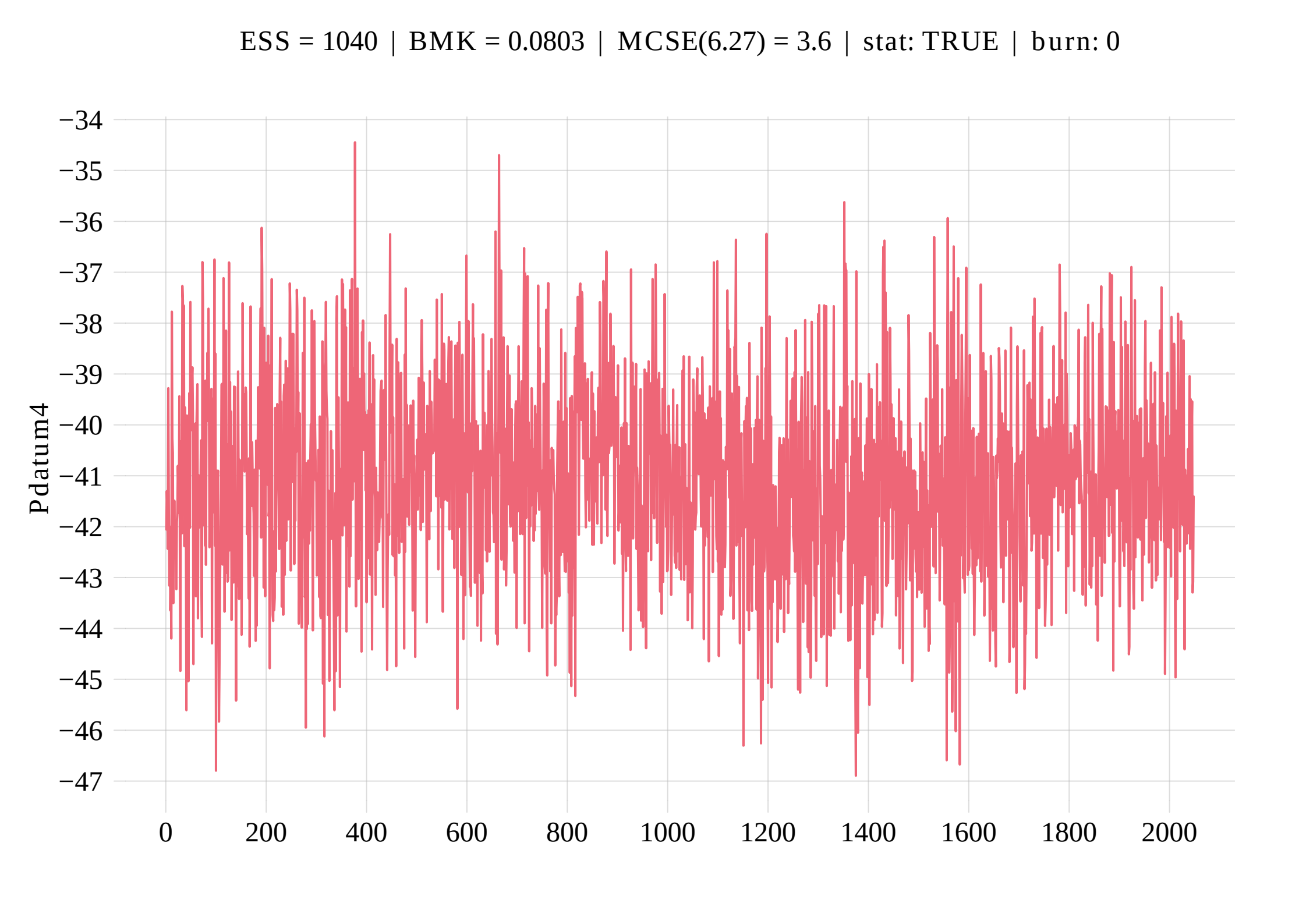

ESS = 418 | BMK = 0.0727 | MCSE(6.27) = 5.42 | stat: FALSE | burn: 0
PdatacornerHi
−70
−80
−90
−100
−110
−120
−130
−140
0
200
400
600
800
1000
1200
1400
1600
1800
2000

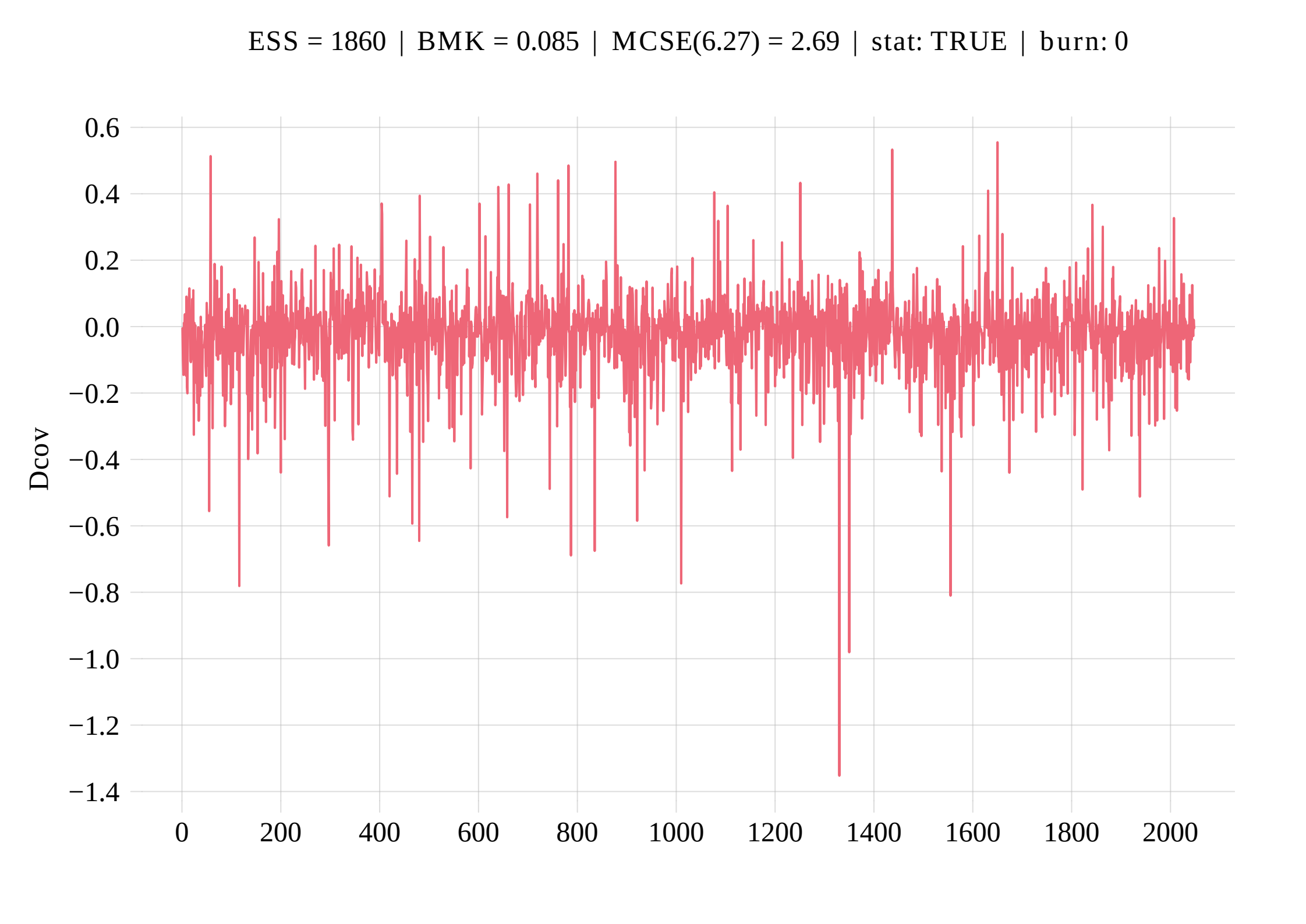

ESS = 982 | BMK = 0.0557 | MCSE(6.27) = 3.7 | stat: TRUE | burn: 0
PdatacornerLo
−52
−54
−56
−58
−60
−62
−64
−66
−68
0
200
400
600
800
1000
1200
1400
1600
1800
2000

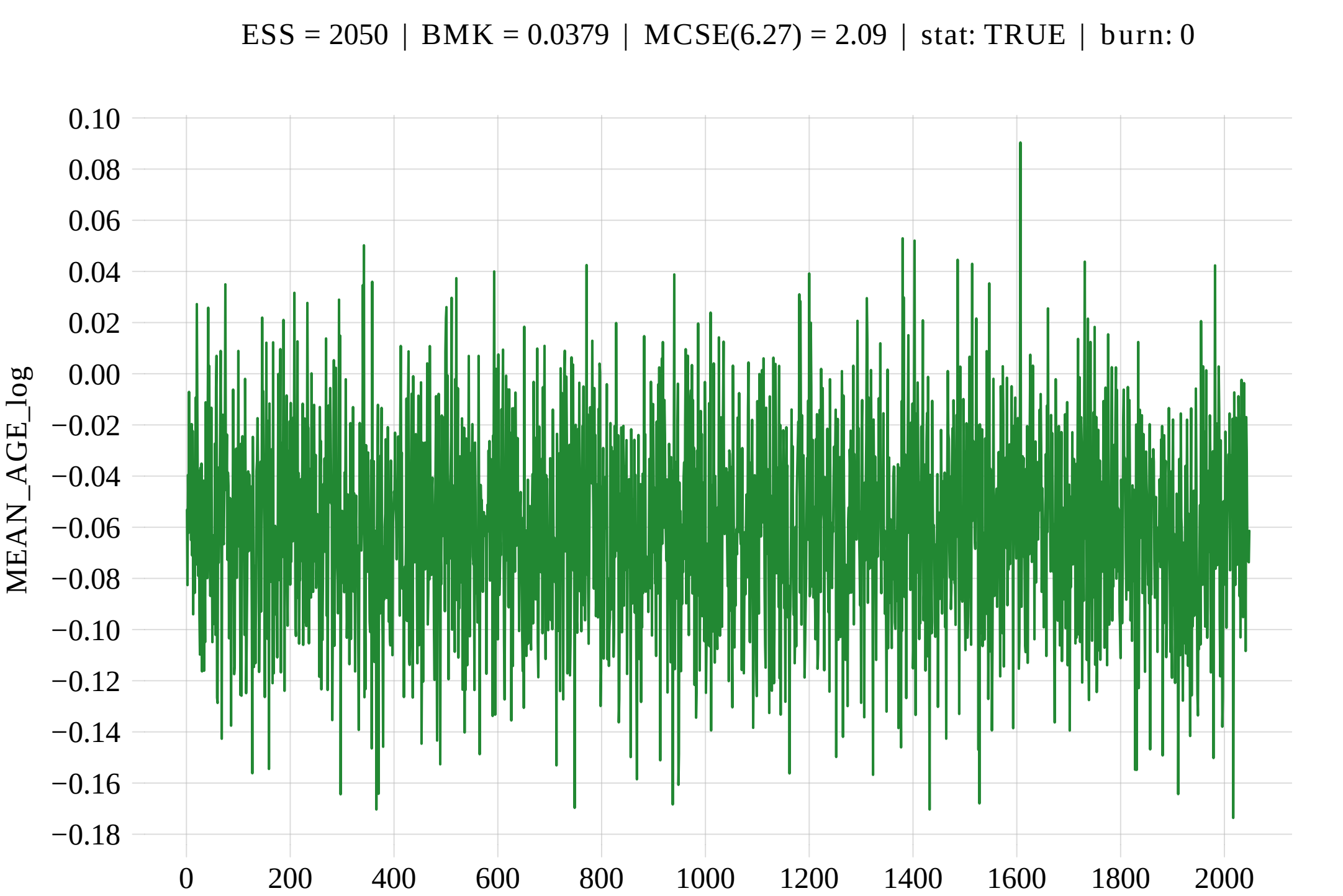

ESS = 15.5 | BMK = 0.489 | MCSE(6.27) = 11.5 | stat: FALSE | burn: 0
Pdatum1
−24
−26
−28
−30
−32
−34
−36
−38
−40
−42
−44
−46
−48
−50
−52
0
200
400
600
800
1000
1200
1400
1600
1800
2000

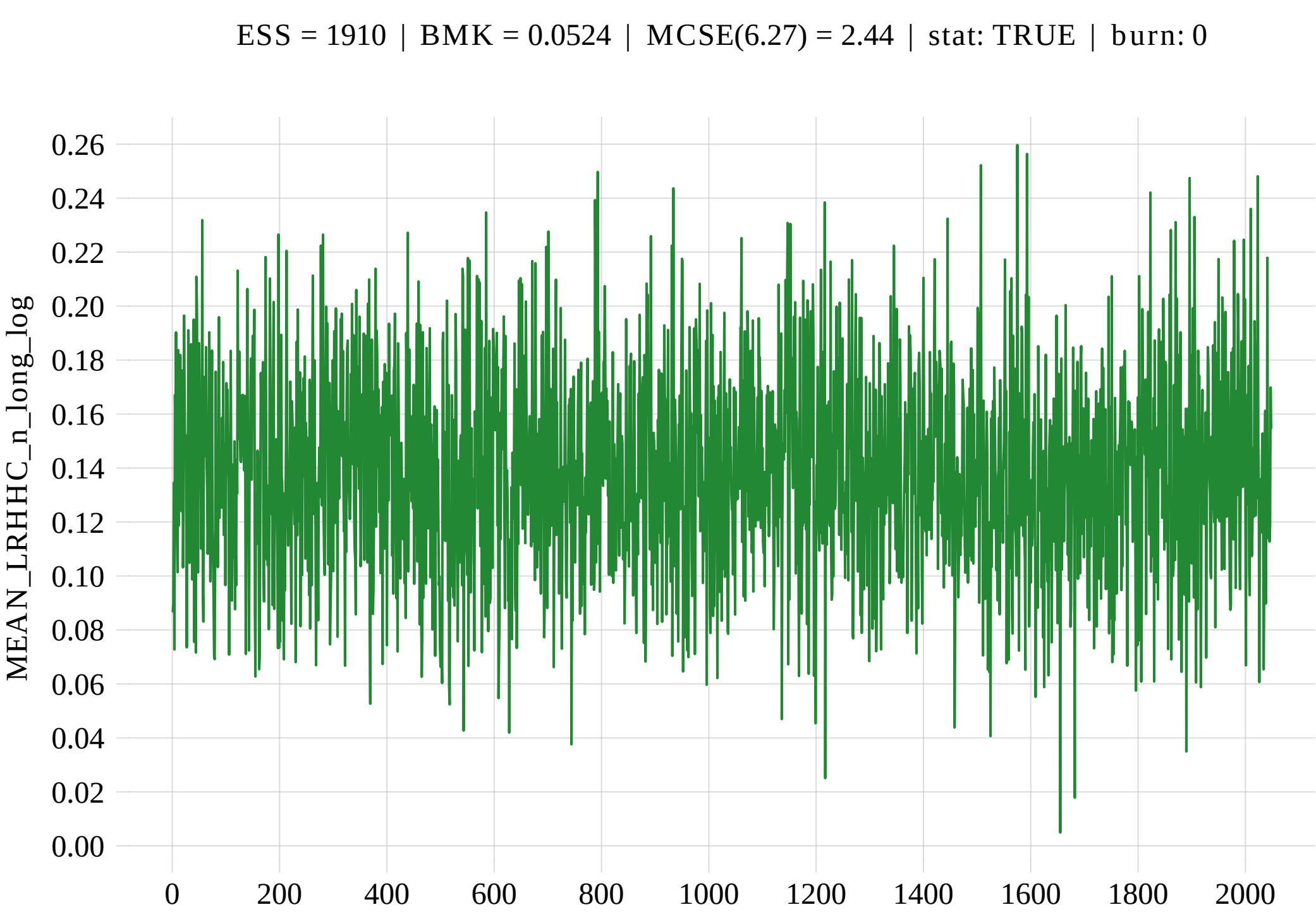

ESS = 592 | BMK = 0.0541 | MCSE(6.27) = 4.03 | stat: FALSE | burn: 0
Pdatum2
−26
−27
−28
−29
−30
−31
−32
−33
−34
−35
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 597 | BMK = 0.0899 | MCSE(6.27) = 4.38 | stat: FALSE | burn: 0
Pdatum3
−24
−25
−26
−27
−28
−29
−30
−31
−32
−33
−34
−35
−36
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 1040 | BMK = 0.0803 | MCSE(6.27) = 3.6 | stat: TRUE | burn: 0
Pdatum4
−34
−35
−36
−37
−38
−39
−40
−41
−42
−43
−44
−45
−46
−47
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 1860 | BMK = 0.085 | MCSE(6.27) = 2.69 | stat: TRUE | burn: 0
Dcov
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 2050 | BMK = 0.0379 | MCSE(6.27) = 2.09 | stat: TRUE | burn: 0
MEAN_AGE_log
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
−0.16
−0.18
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 1910 | BMK = 0.0524 | MCSE(6.27) = 2.44 | stat: TRUE | burn: 0
MEAN_LRHHC_n_long_log
0.26
0.24
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
200
400
600
800
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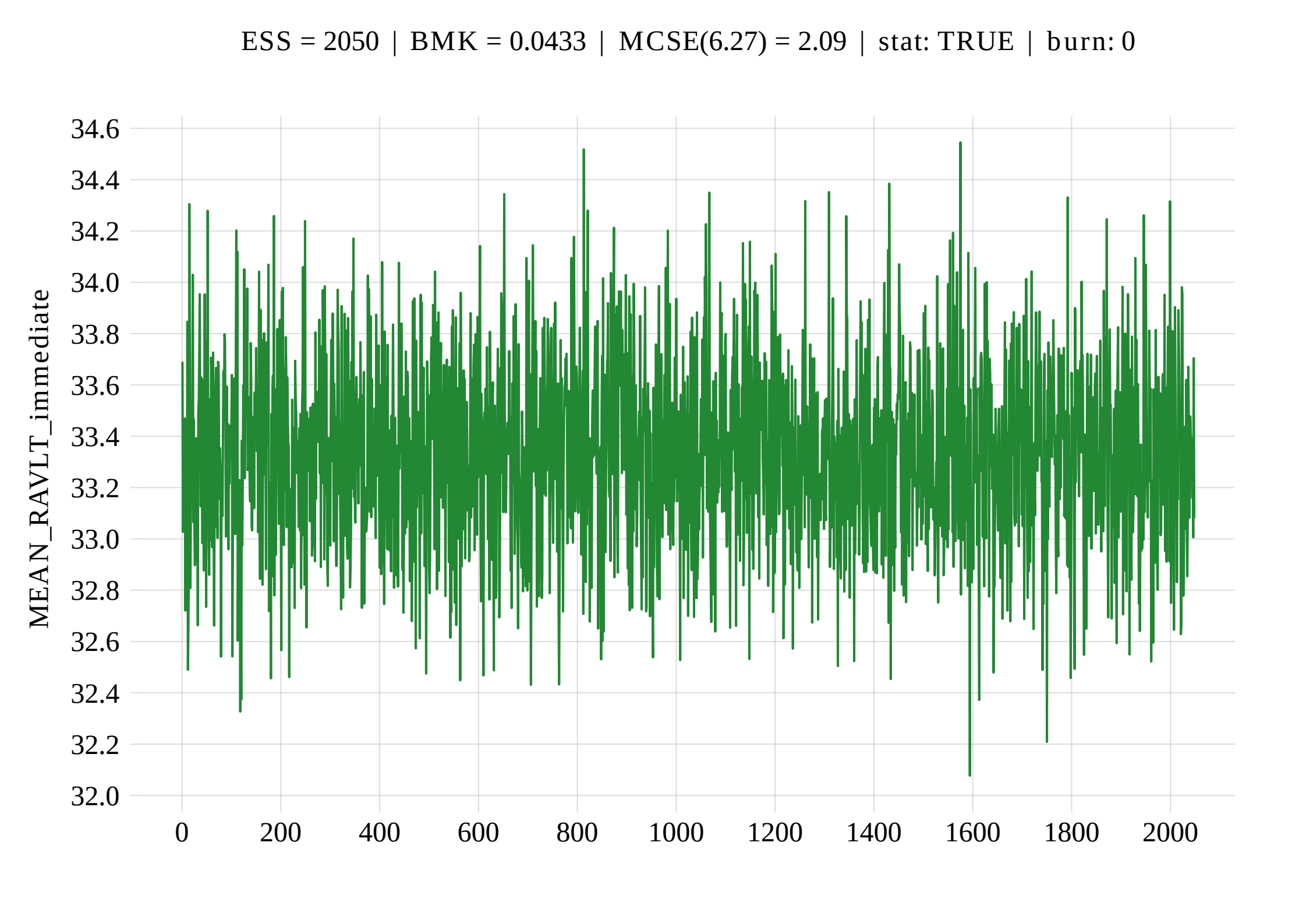
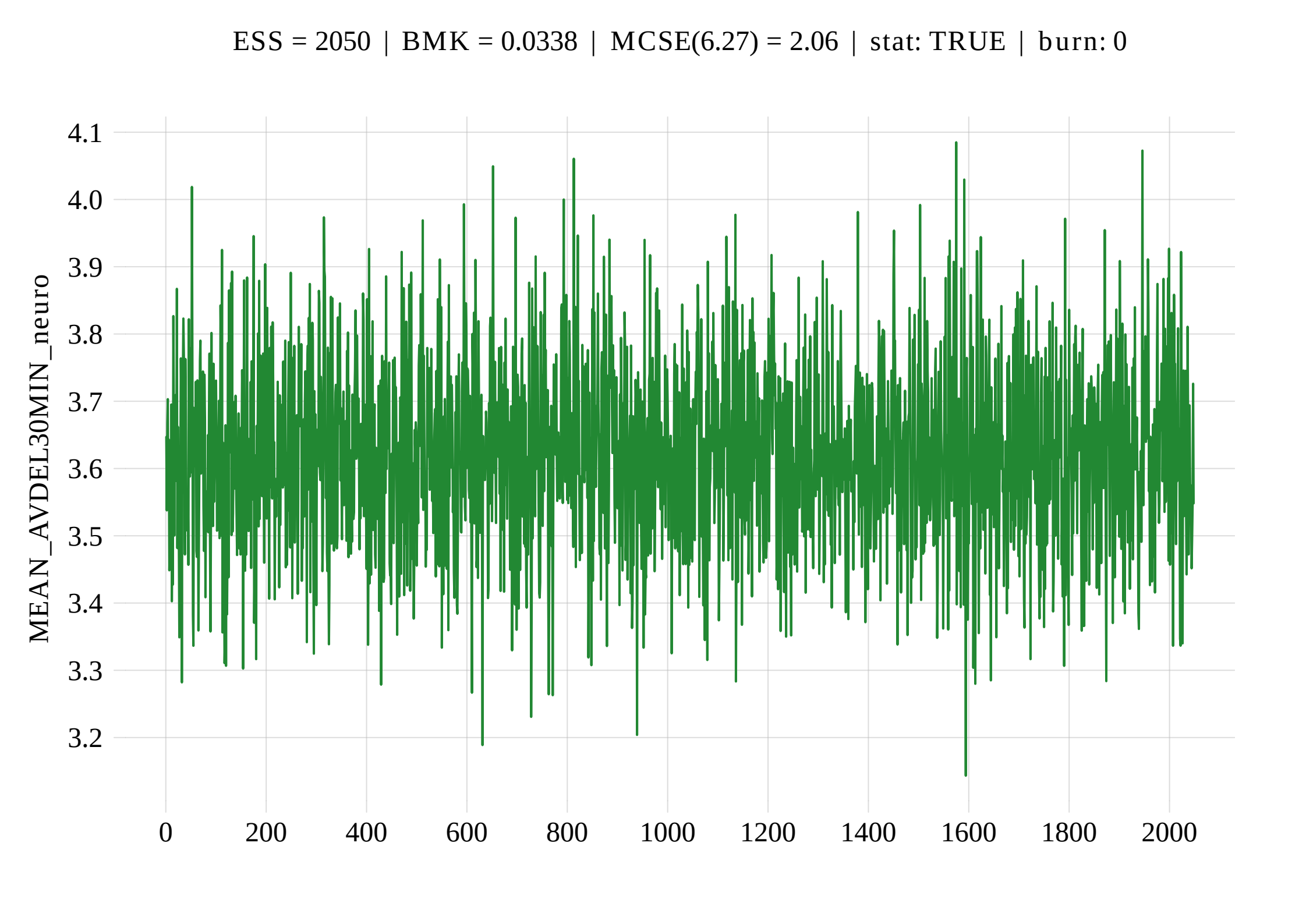
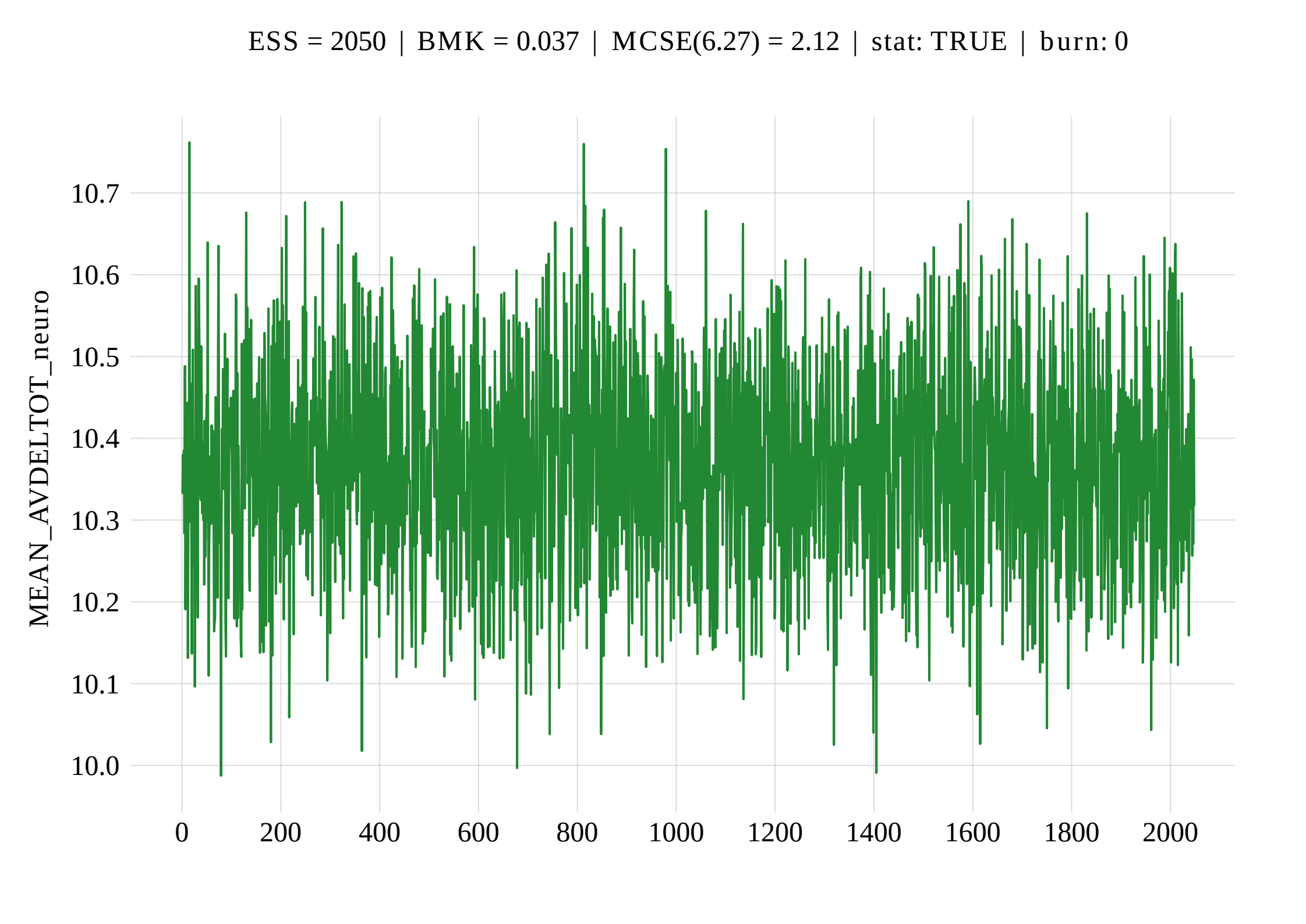
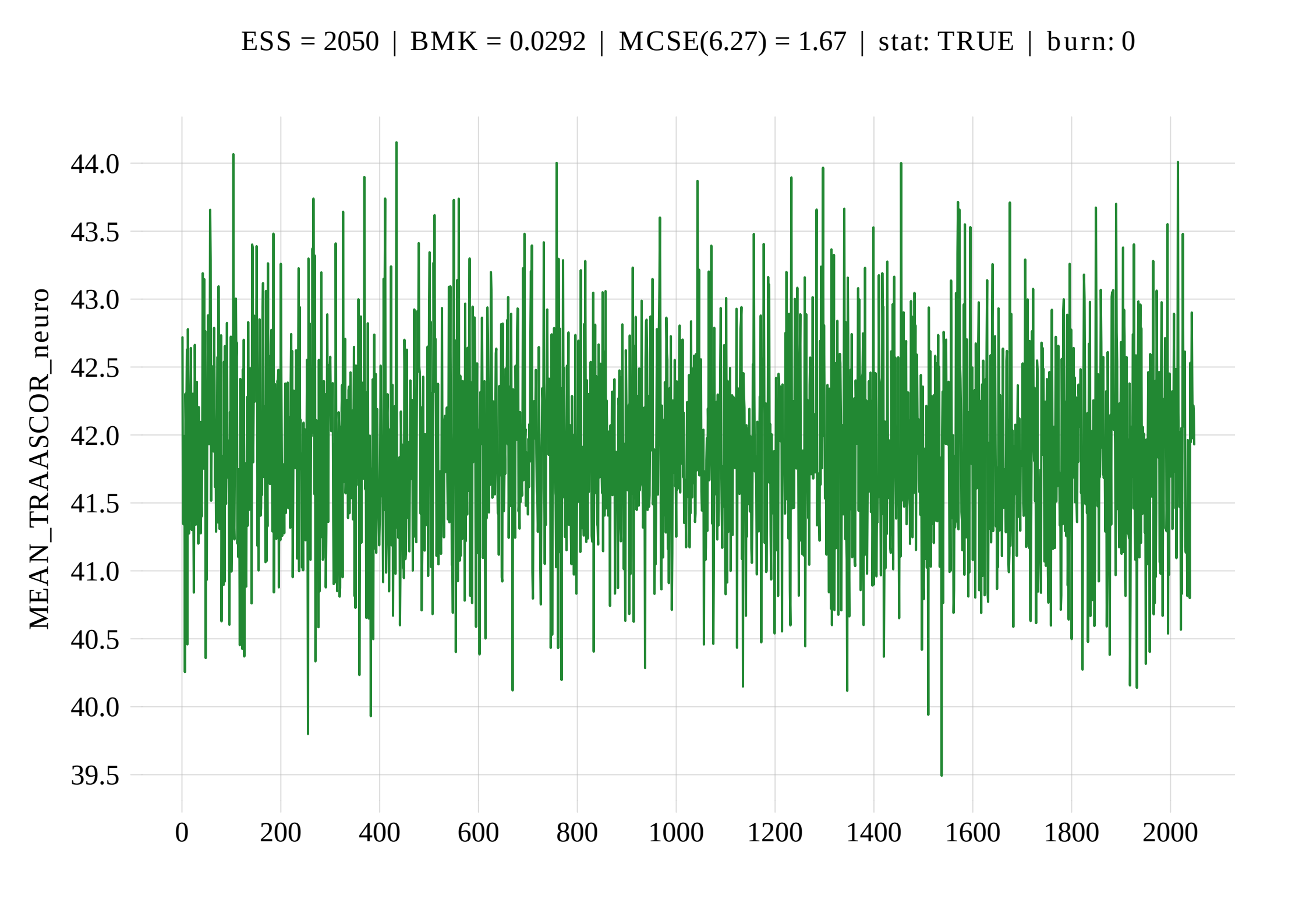
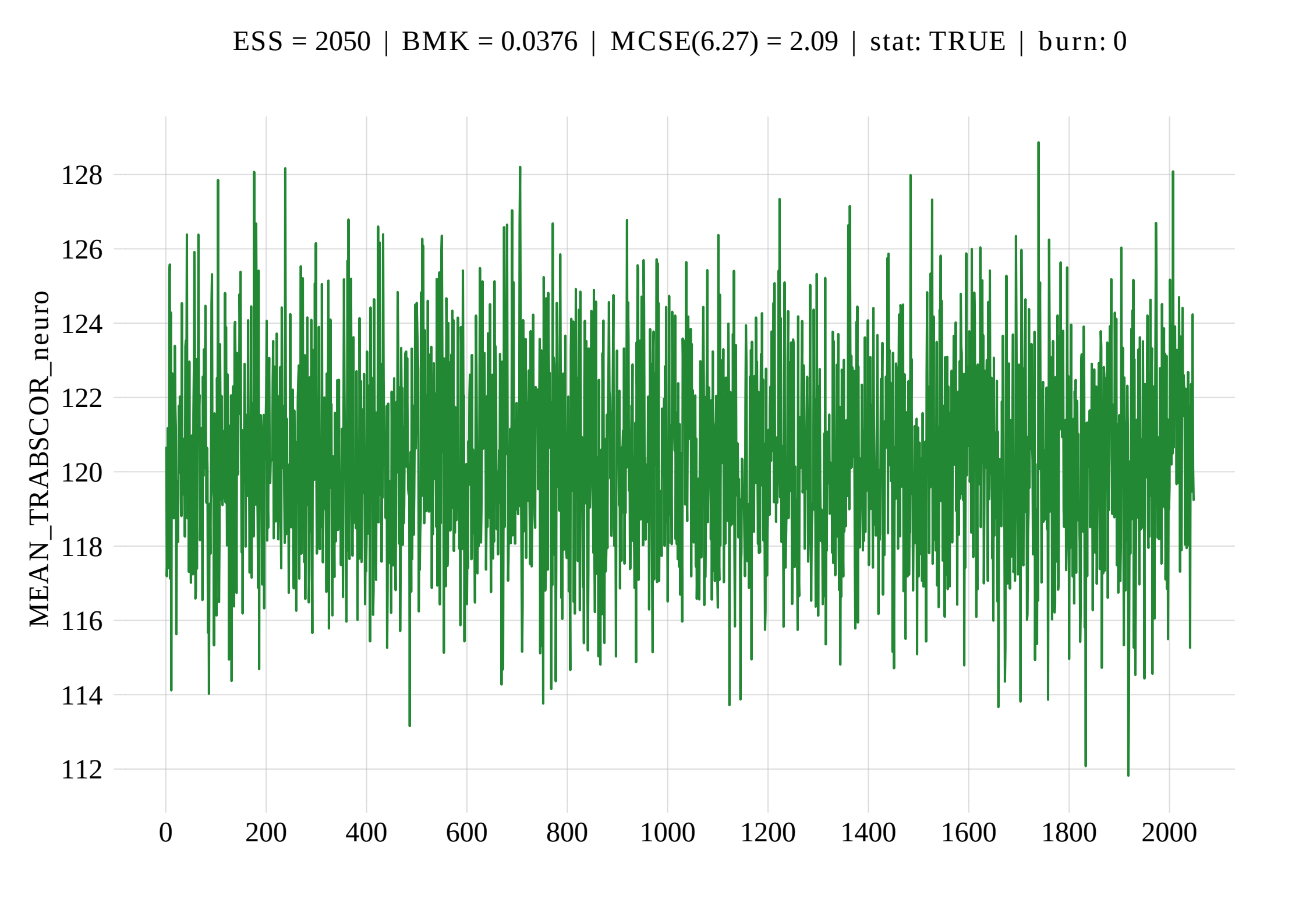
1200
1400
1600
1800
2000

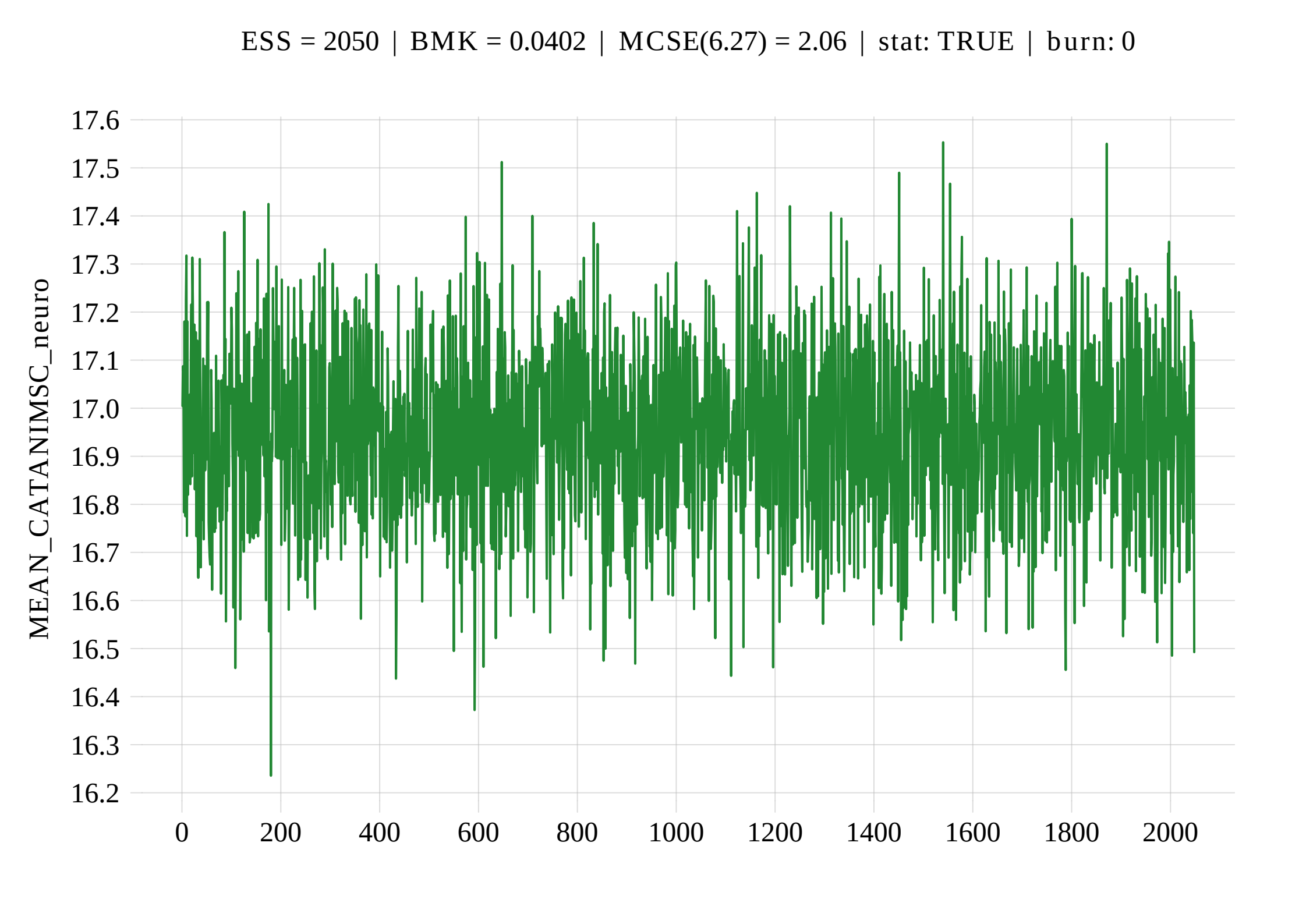

ESS = 2050 | BMK = 0.0433 | MCSE(6.27) = 2.09 | stat: TRUE | burn: 0
MEAN_RAVLT_immediate
34.6
34.4
34.2
34.0
33.8
33.6
33.4
33.2
33.0
32.8
32.6
32.4
32.2
32.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

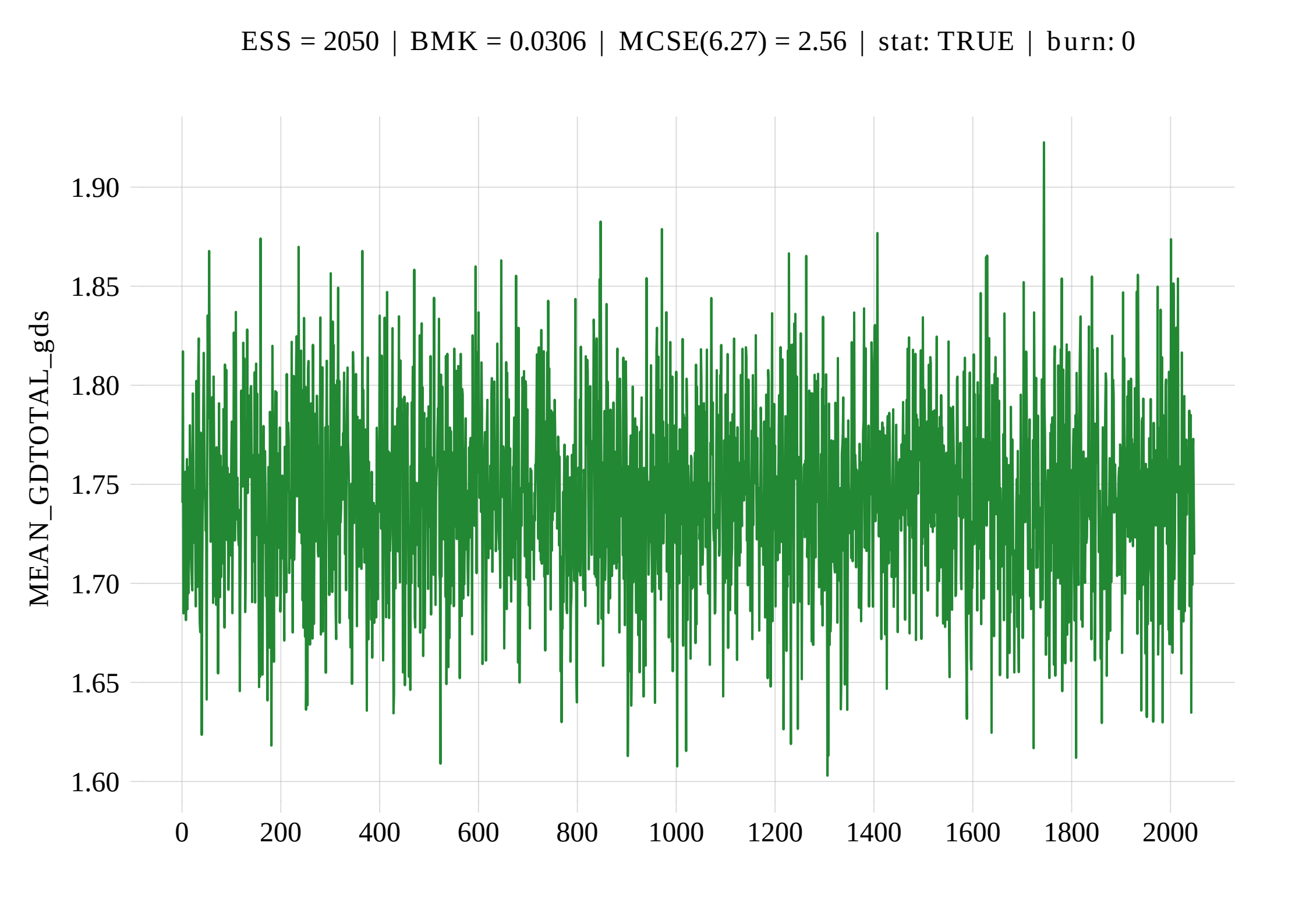

ESS = 2050 | BMK = 0.0338 | MCSE(6.27) = 2.06 | stat: TRUE | burn: 0
MEAN_AVDEL30MIN_neuro
4.1
4.0
3.9
3.8
3.7
3.6
3.5
3.4
3.3
3.2
0
200
400
600
800
1000
1200
1400
1600
1800
2000

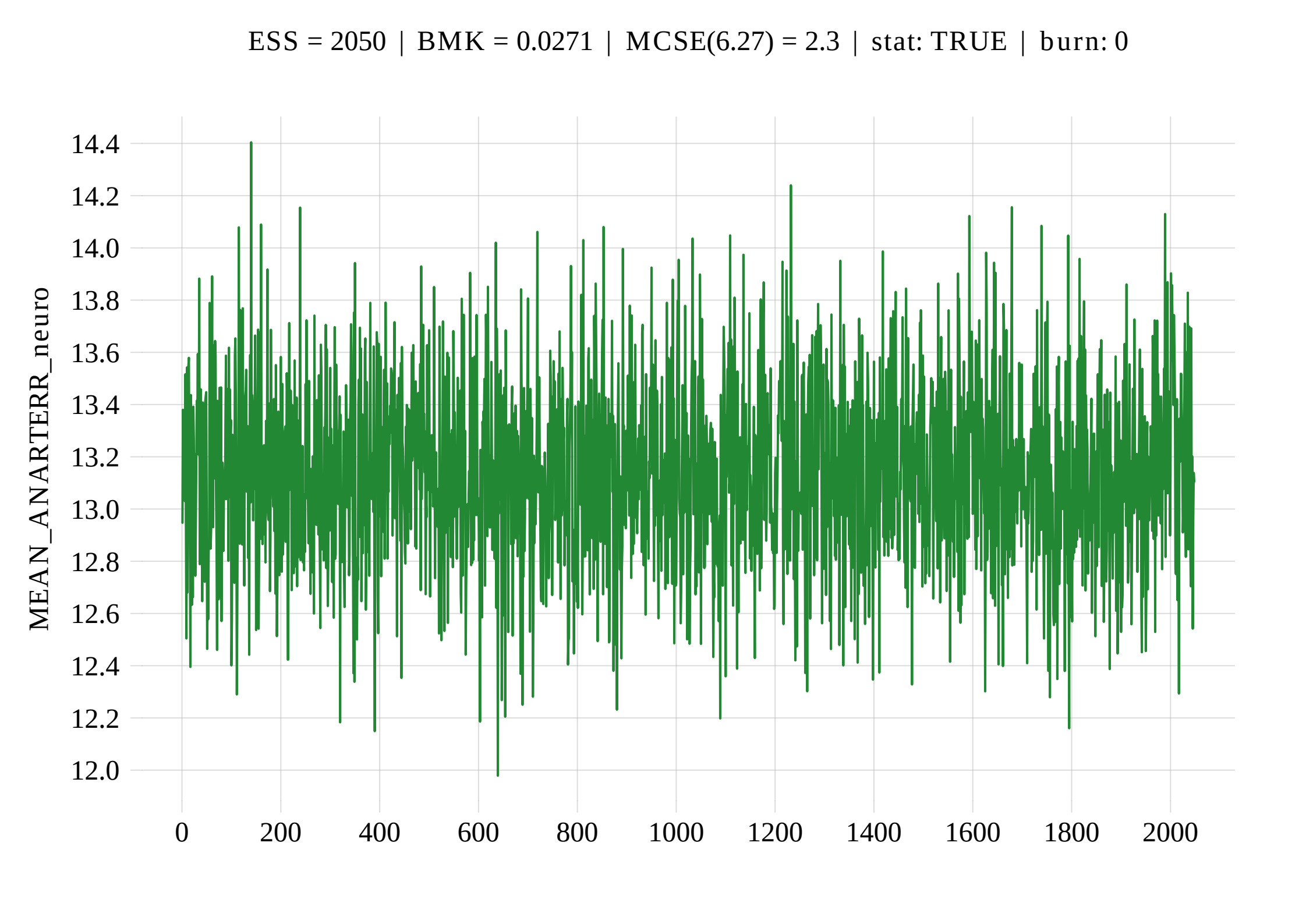

ESS = 2050 | BMK = 0.037 | MCSE(6.27) = 2.12 | stat: TRUE | burn: 0
MEAN_AVDELTOT_neuro
10.7
10.6
10.5
10.4
10.3
10.2
10.1
10.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

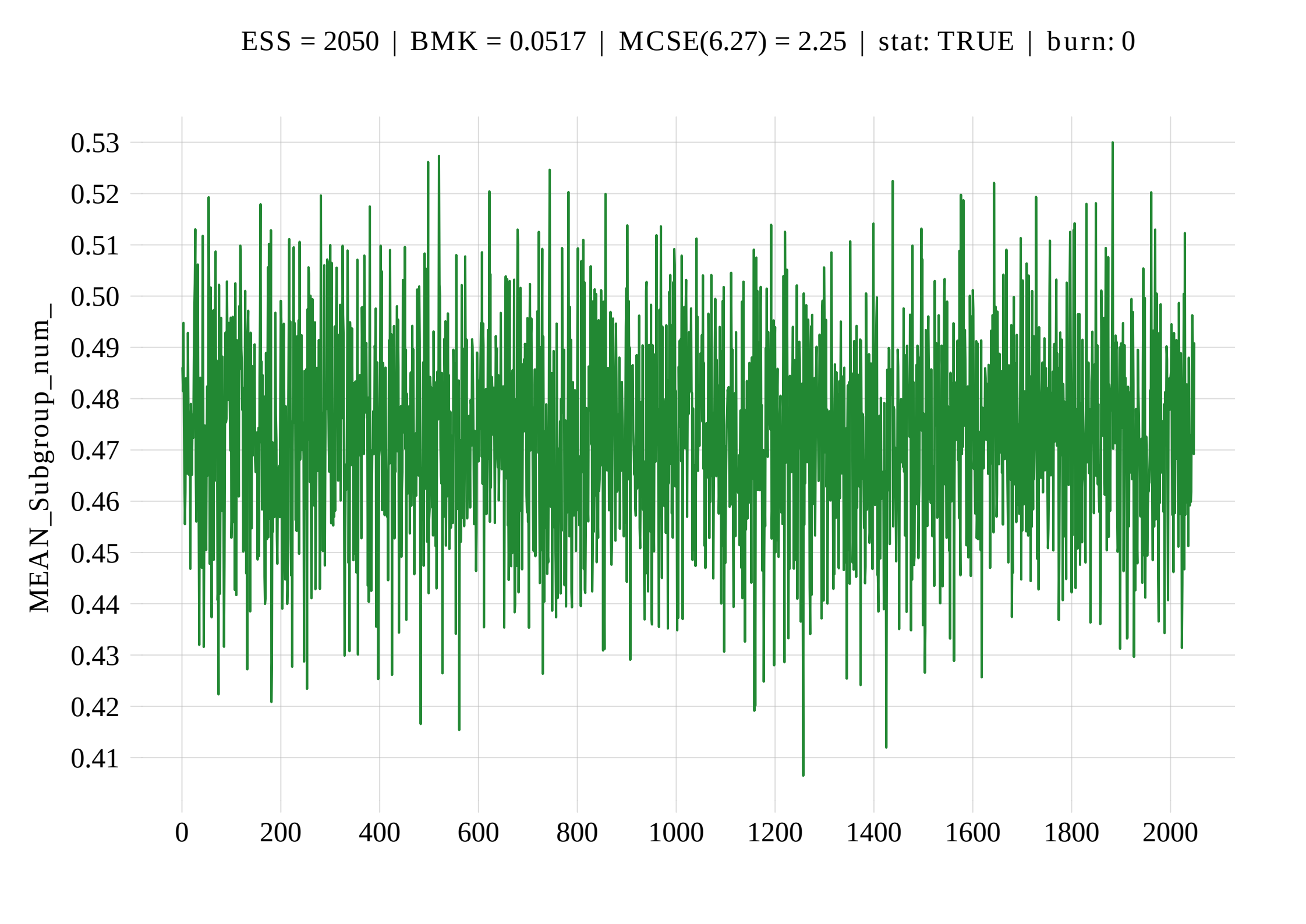

ESS = 2050 | BMK = 0.0292 | MCSE(6.27) = 1.67 | stat: TRUE | burn: 0
MEAN_TRAASCOR_neuro
44.0
43.5
43.0
42.5
42.0
41.5
41.0
40.5
40.0
39.5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

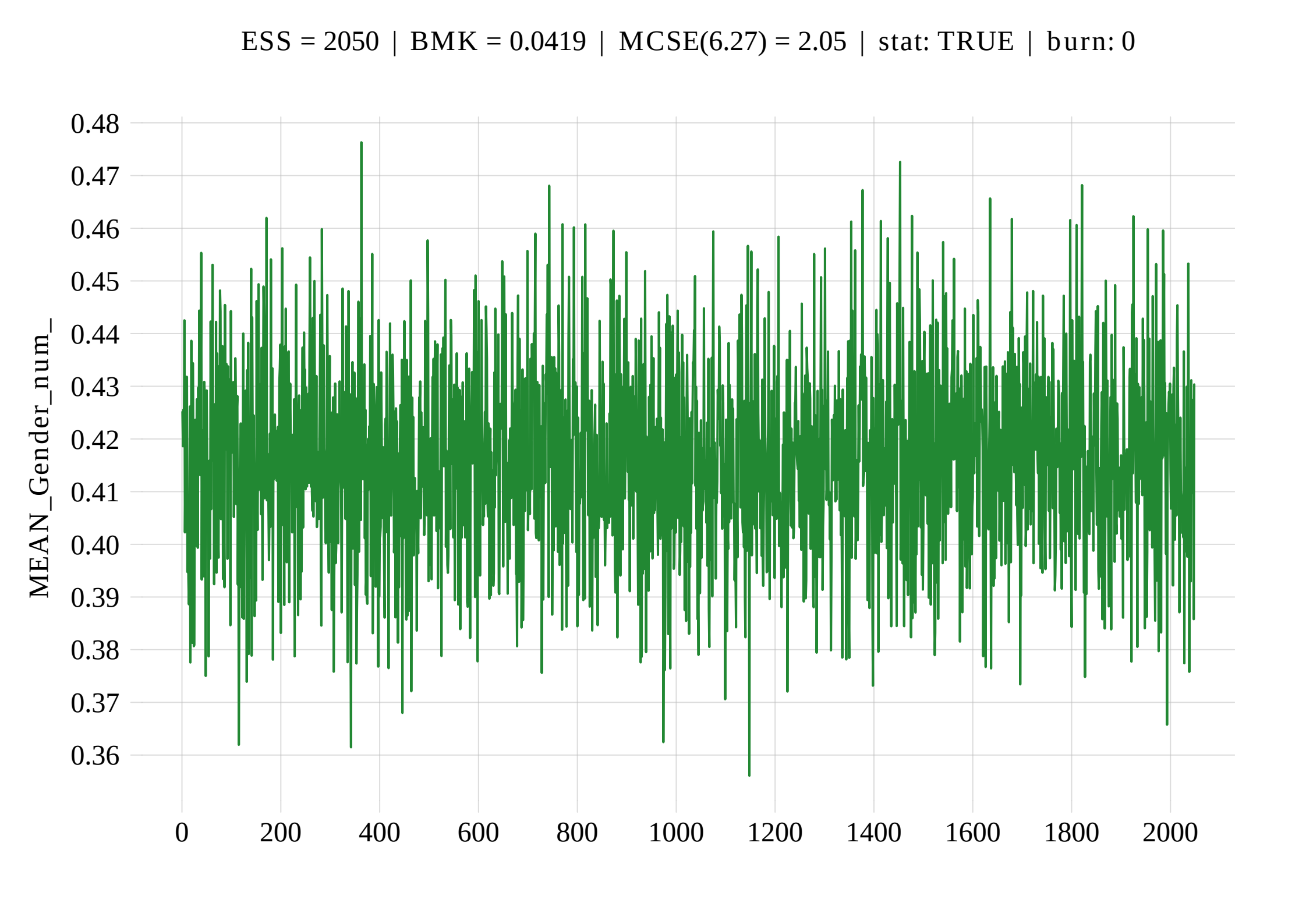

ESS = 2050 | BMK = 0.0376 | MCSE(6.27) = 2.09 | stat: TRUE | burn: 0
MEAN_TRABSCOR_neuro
128
126
124
122
120
118
116
114
112
0
200
400
600
800
1000
1200
1400
1600
1800
2000

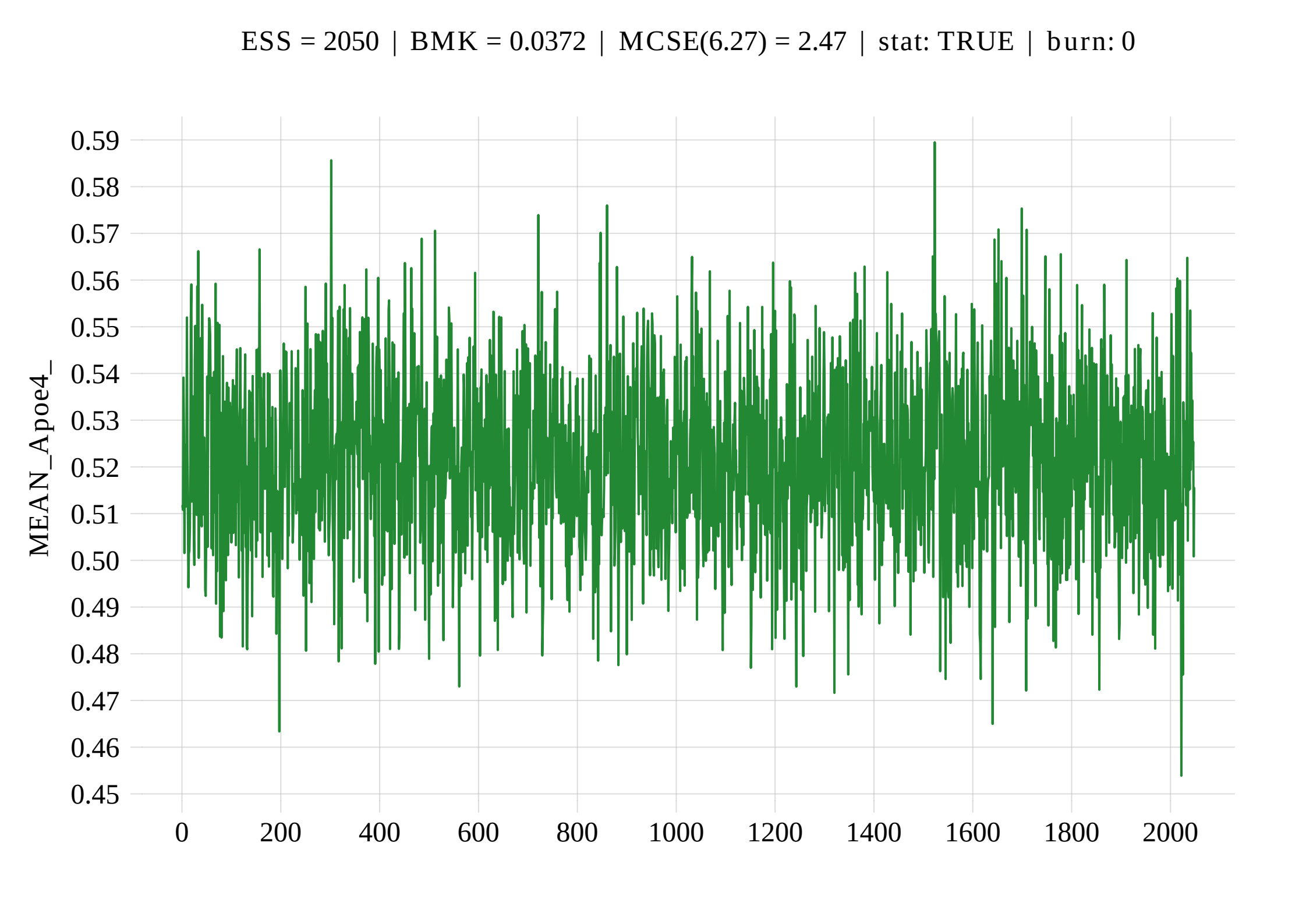

ESS = 2050 | BMK = 0.0402 | MCSE(6.27) = 2.06 | stat: TRUE | burn: 0
MEAN_CATANIMSC_neuro
17.6
17.5
17.4
17.3
17.2
17.1
17.0
16.9
16.8
16.7
16.6
16.5
16.4
16.3
16.2
0
200
400
600
800
1000
1200
1400
1600
1800
2000

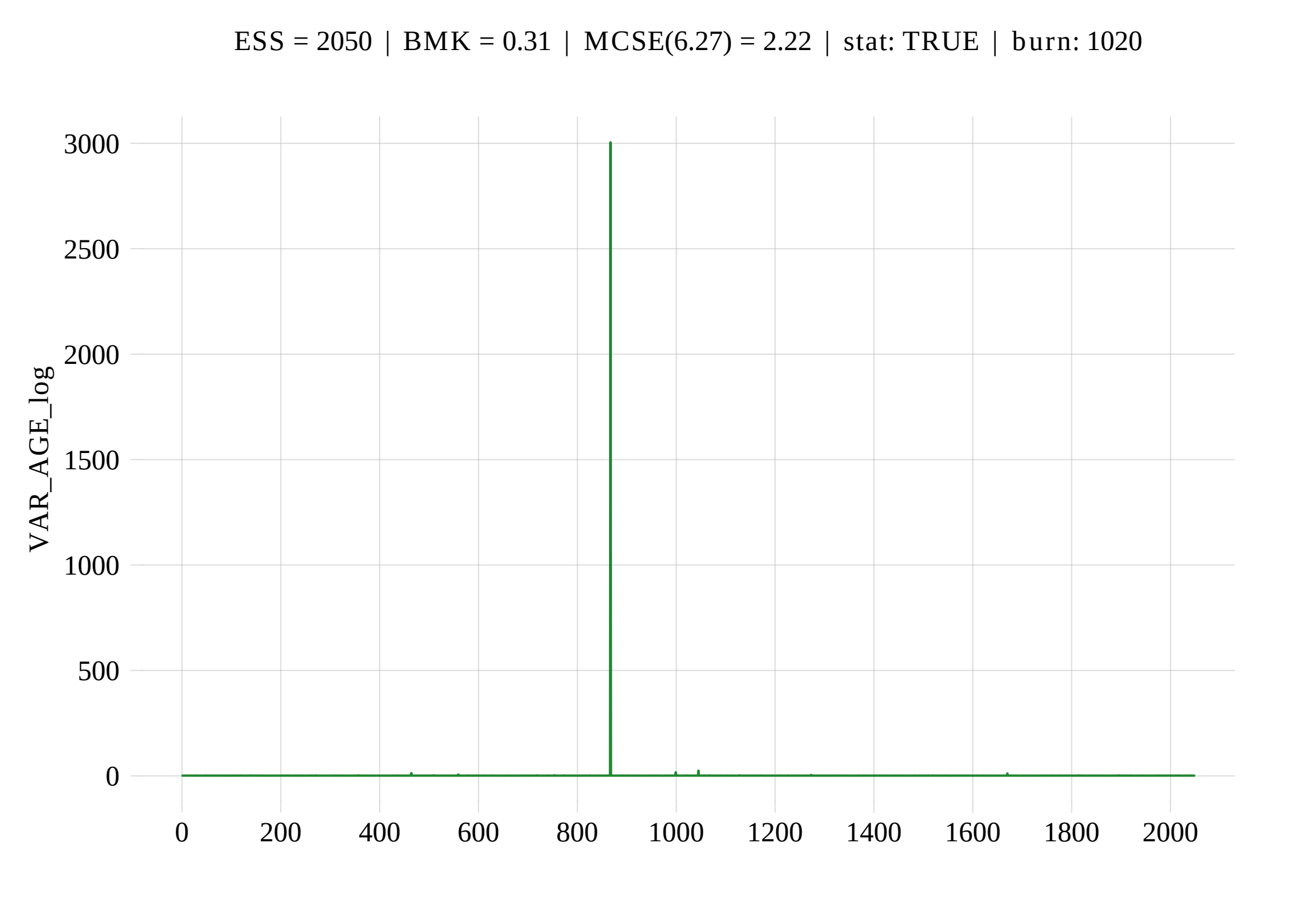

ESS = 2050 | BMK = 0.0306 | MCSE(6.27) = 2.56 | stat: TRUE | burn: 0
MEAN_GDTOTAL_gds
1.90
1.85
1.80
1.75
1.70
1.65
1.60
0
200
400
600
800
1000
1200
1400
1600
1800
2000

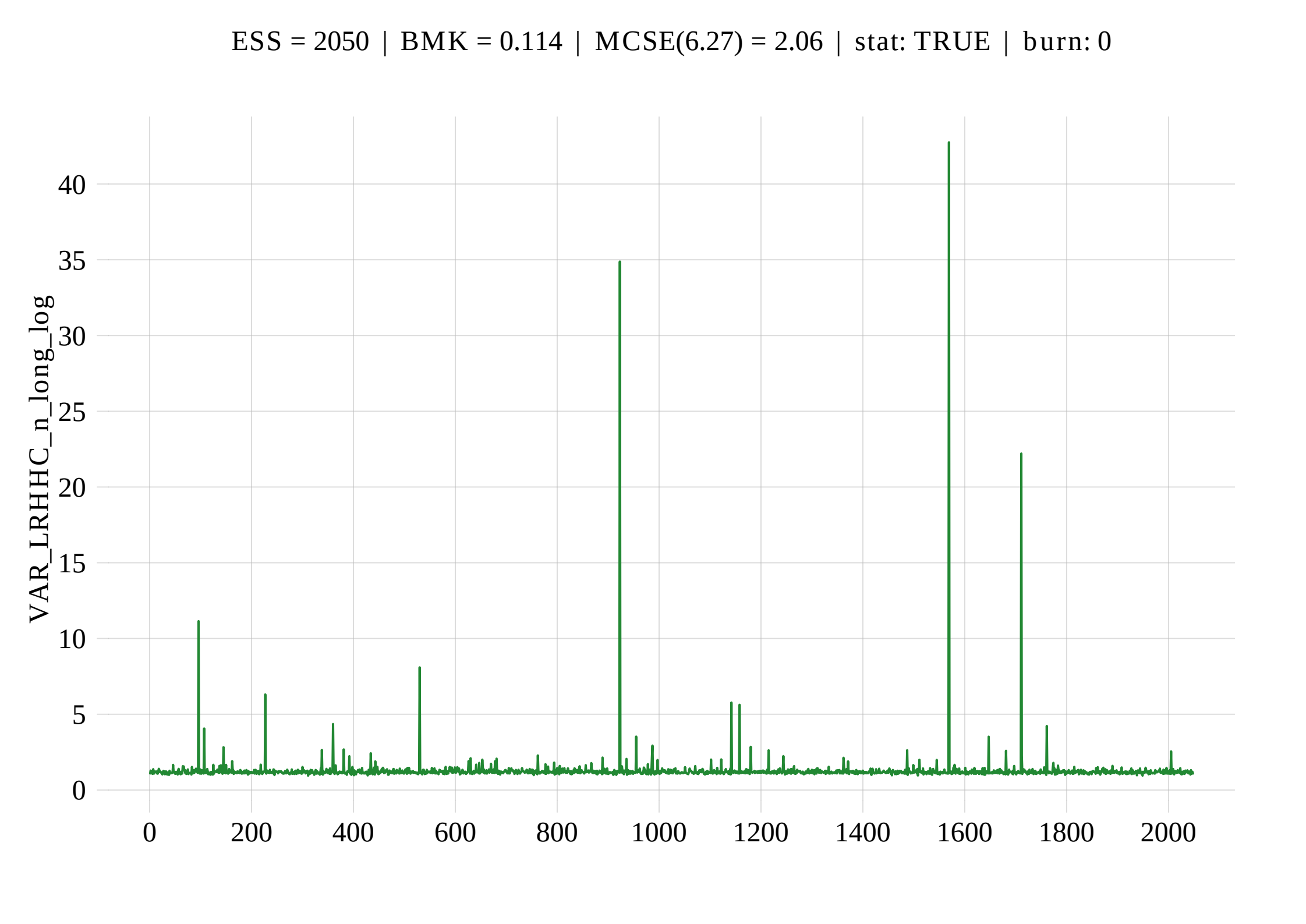

ESS = 2050 | BMK = 0.0271 | MCSE(6.27) = 2.3 | stat: TRUE | burn: 0
MEAN_ANARTERR_neuro
14.4
14.2
14.0
13.8
13.6
13.4
13.2
13.0
12.8
12.6
12.4
12.2
12.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

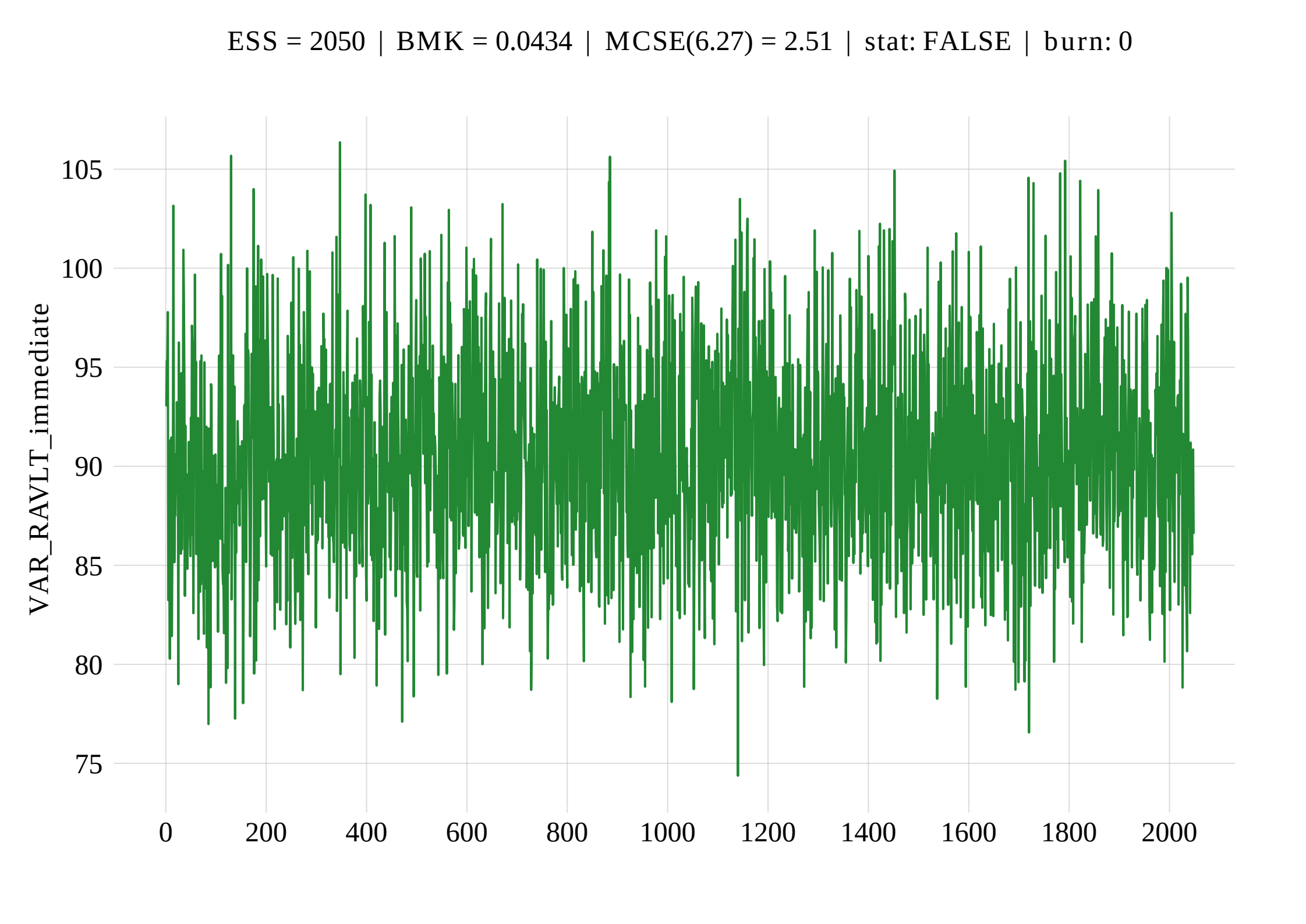

ESS = 2050 | BMK = 0.0517 | MCSE(6.27) = 2.25 | stat: TRUE | burn: 0
MEAN_Subgroup_num_
0.53
0.52
0.51
0.50
0.49
0.48
0.47
0.46
0.45
0.44
0.43
0.42
0.41
0
200
400
600
800
1000
1200
1400
1600
1800
2000

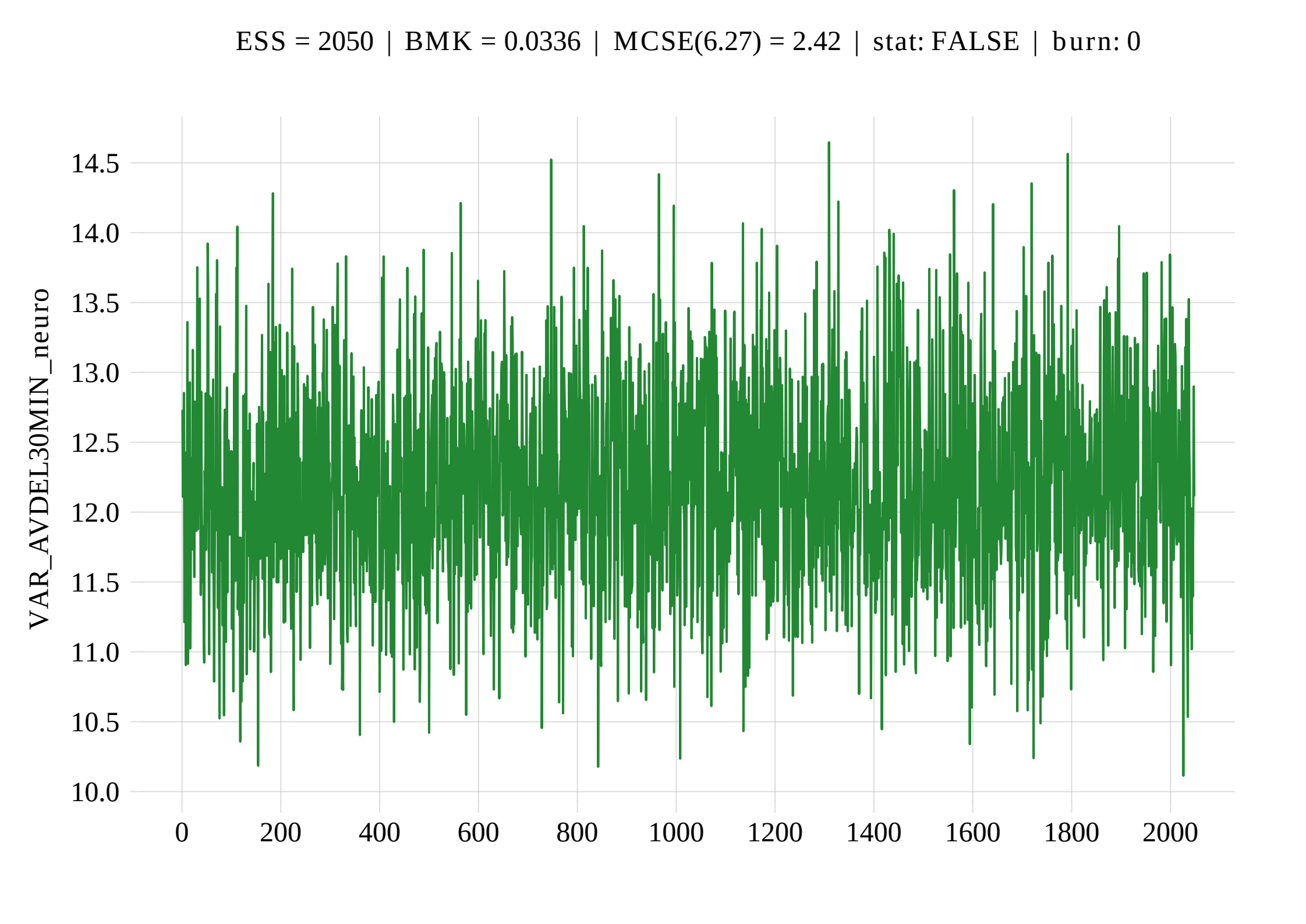

ESS = 2050 | BMK = 0.0419 | MCSE(6.27) = 2.05 | stat: TRUE | burn: 0
MEAN_Gender_num_
0.48
0.47
0.46
0.45
0.44
0.43
0.42
0.41
0.40
0.39
0.38
0.37
0.36
0
200
400
600
800
1000
1200
1400
1600
1800
2000

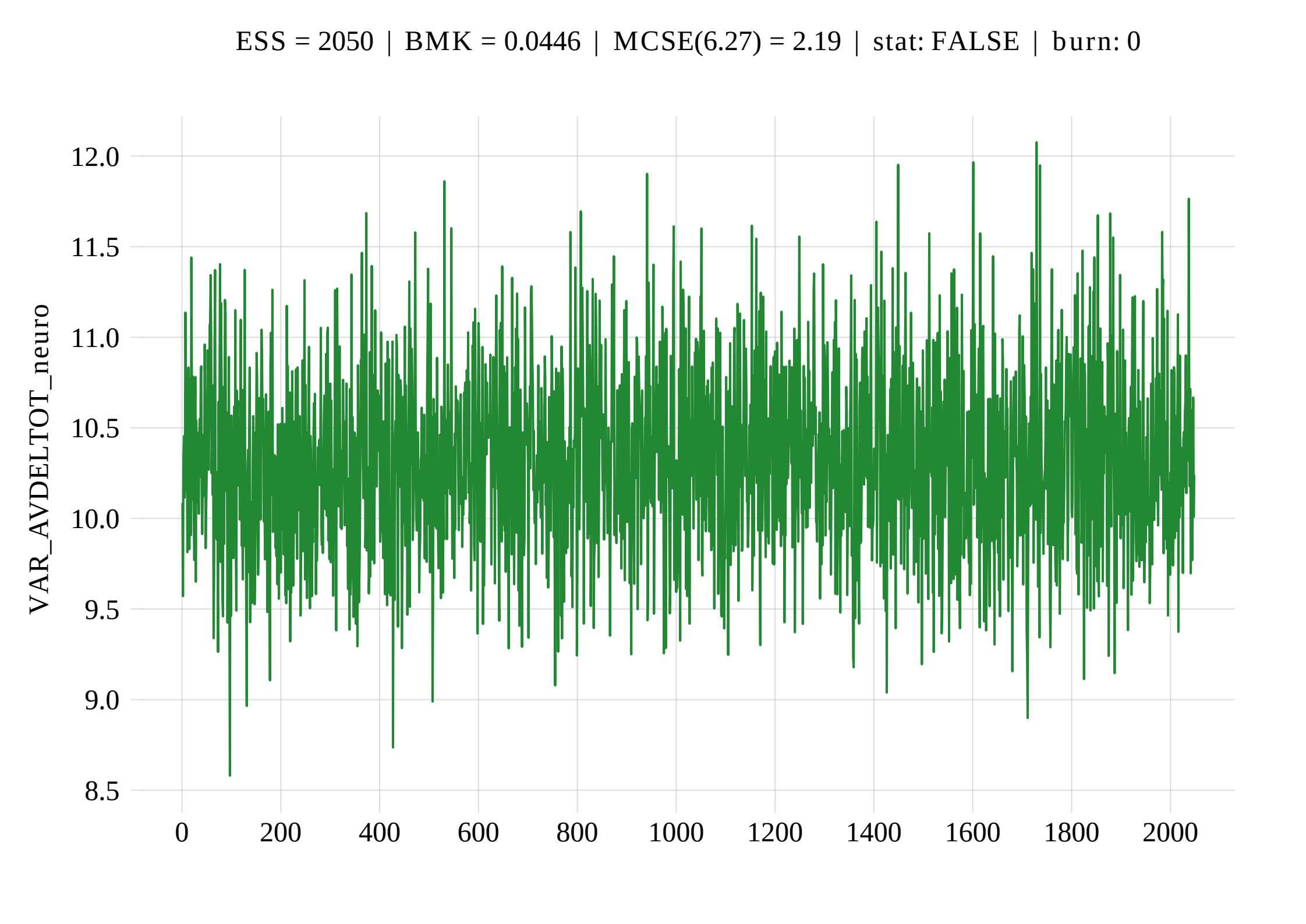

ESS = 2050 | BMK = 0.0372 | MCSE(6.27) = 2.47 | stat: TRUE | burn: 0
MEAN_Apoe4_
0.59
0.58
0.57
0.56
0.55
0.54
0.53
0.52
0.51
0.50
0.49
0.48
0.47
0.46
0.45
0
200
400
600
800
1000
1200
1400
1600
1800
2000

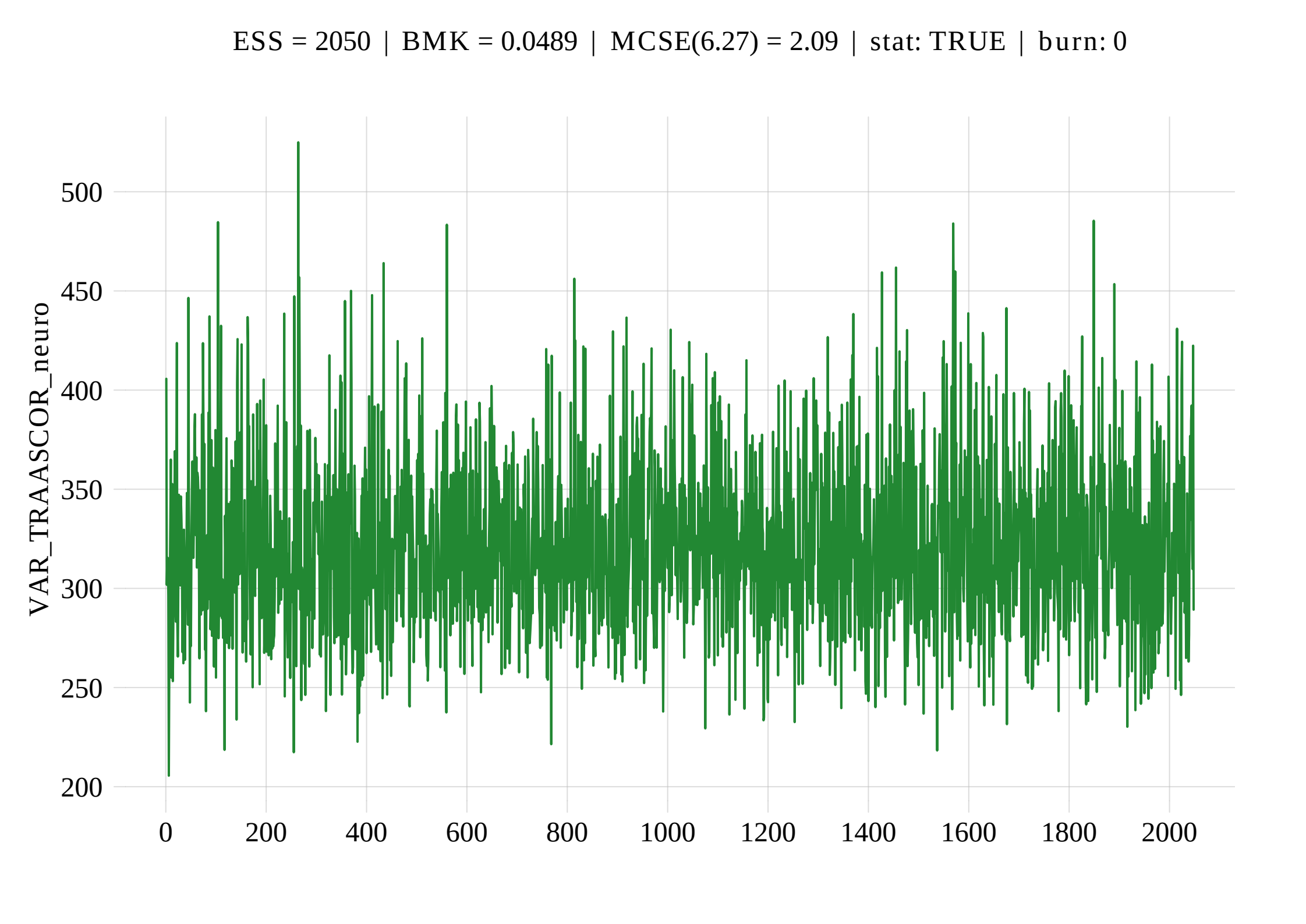

ESS = 2050 | BMK = 0.31 | MCSE(6.27) = 2.22 | stat: TRUE | burn: 1020
VAR_AGE_log
3000
2500
2000
1500
1000
500
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

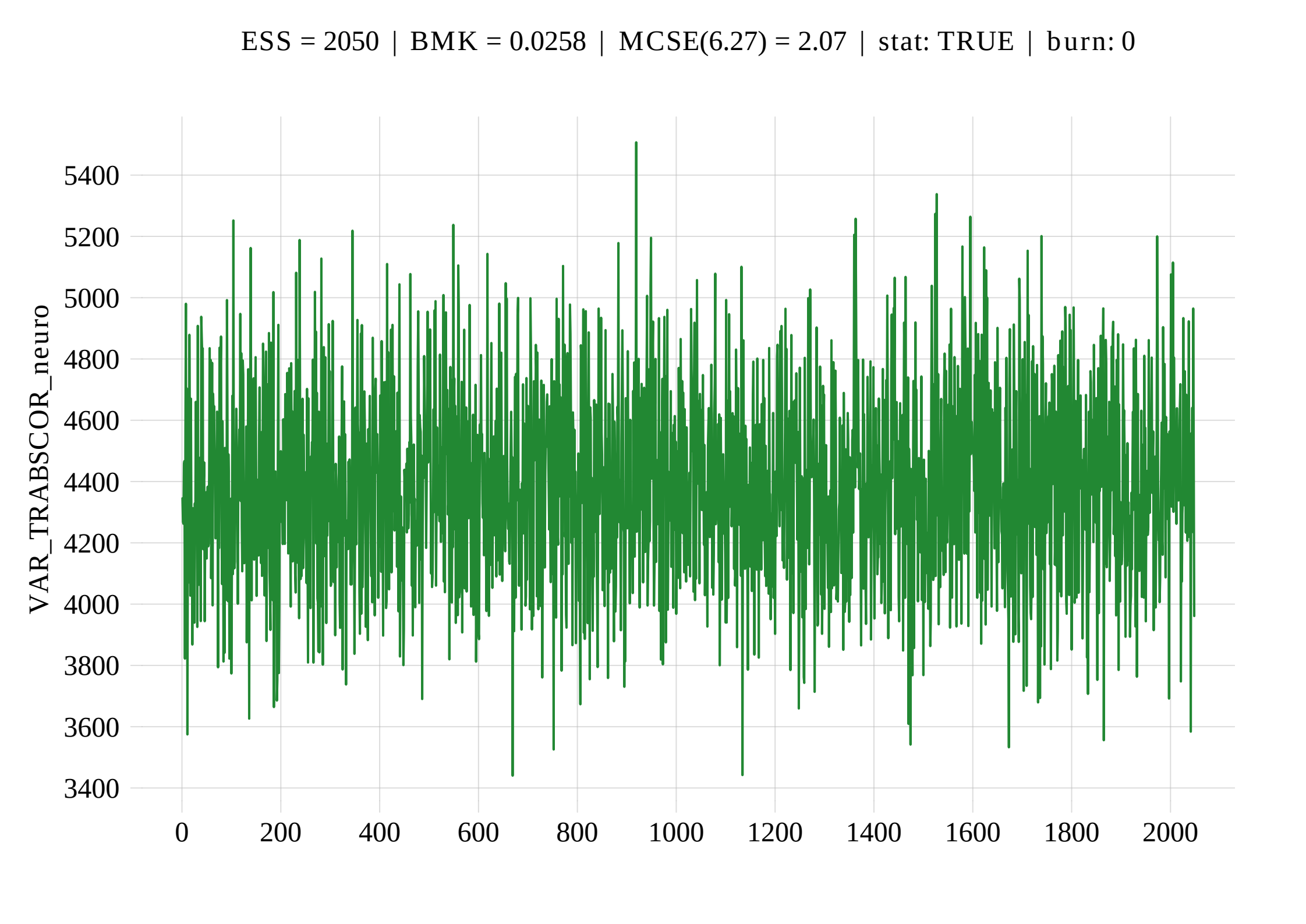

ESS = 2050 | BMK = 0.114 | MCSE(6.27) = 2.06 | stat: TRUE | burn: 0
VAR_LRHHC_n_long_log
0
5
10
15
20
25
30
35
40
0
200
400
600
800
1000
1200
1400
1600
1800
2000

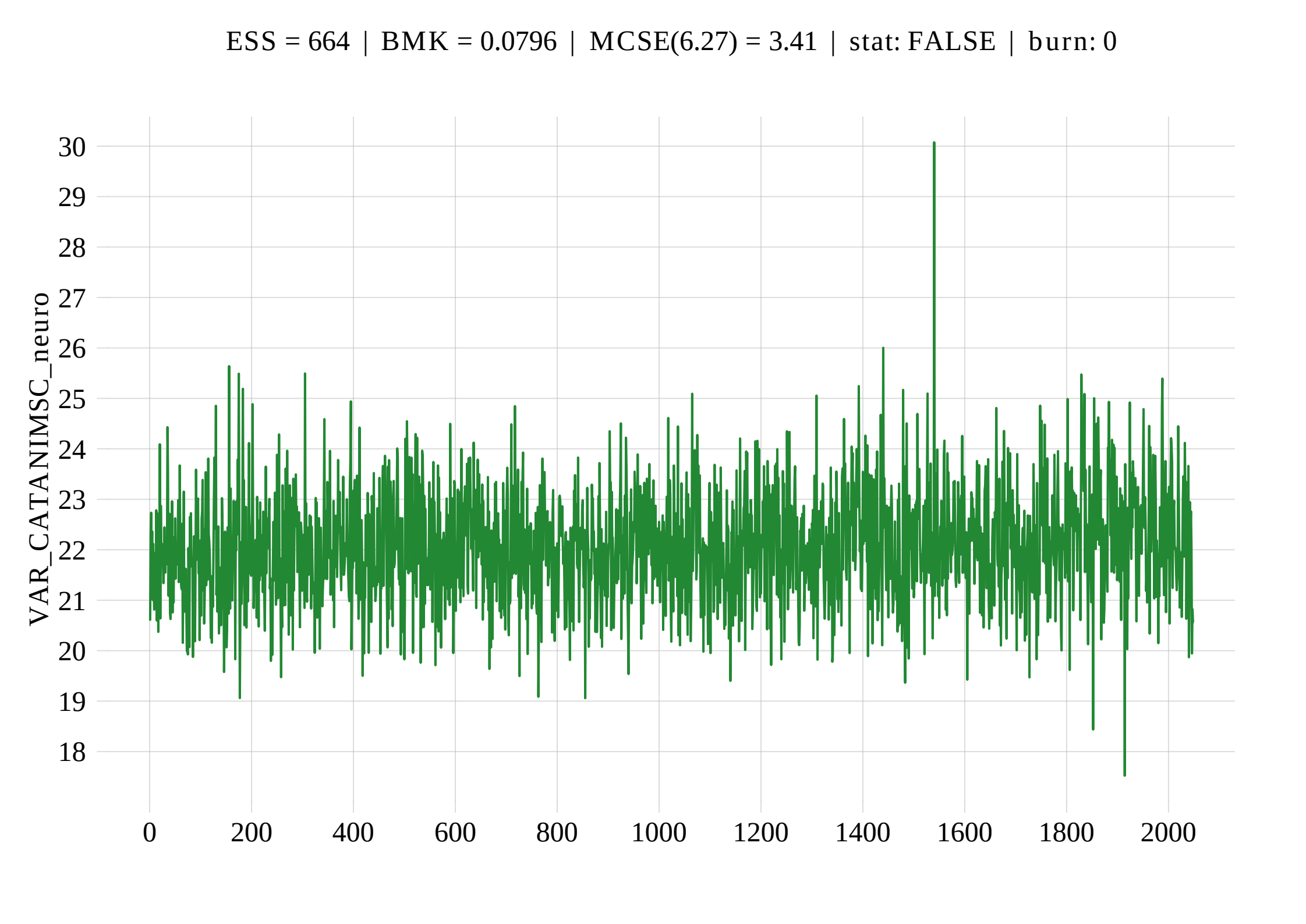

ESS = 2050 | BMK = 0.0434 | MCSE(6.27) = 2.51 | stat: FALSE | burn: 0
VAR_RAVLT_immediate
105
100
95
90
85
80
75
0
200
400
600
800
1000
1200
1400
1600
1800
2000

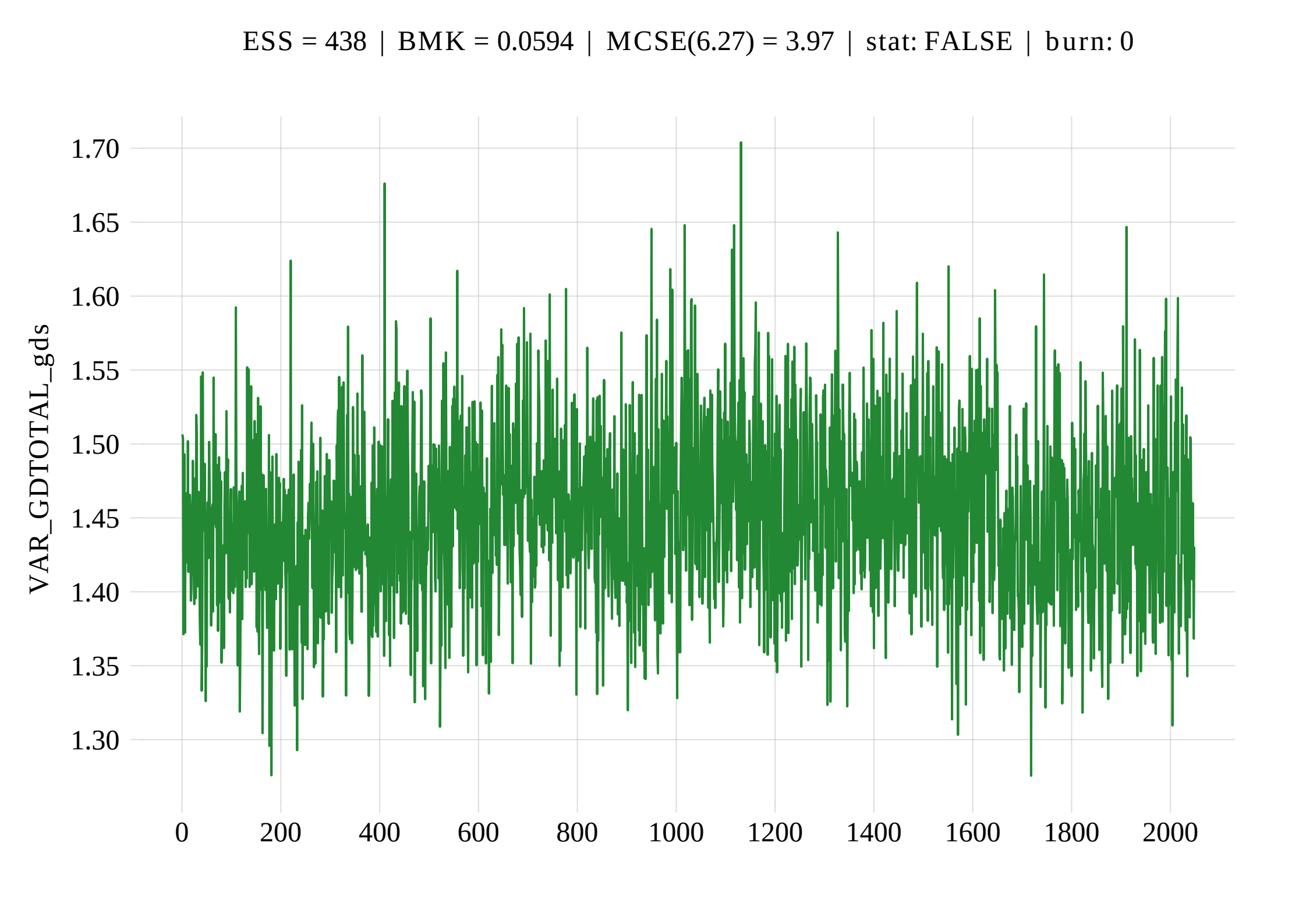

ESS = 2050 | BMK = 0.0336 | MCSE(6.27) = 2.42 | stat: FALSE | burn: 0
VAR_AVDEL30MIN_neuro
14.5
14.0
13.5
13.0
12.5
12.0
11.5
11.0
10.5
10.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

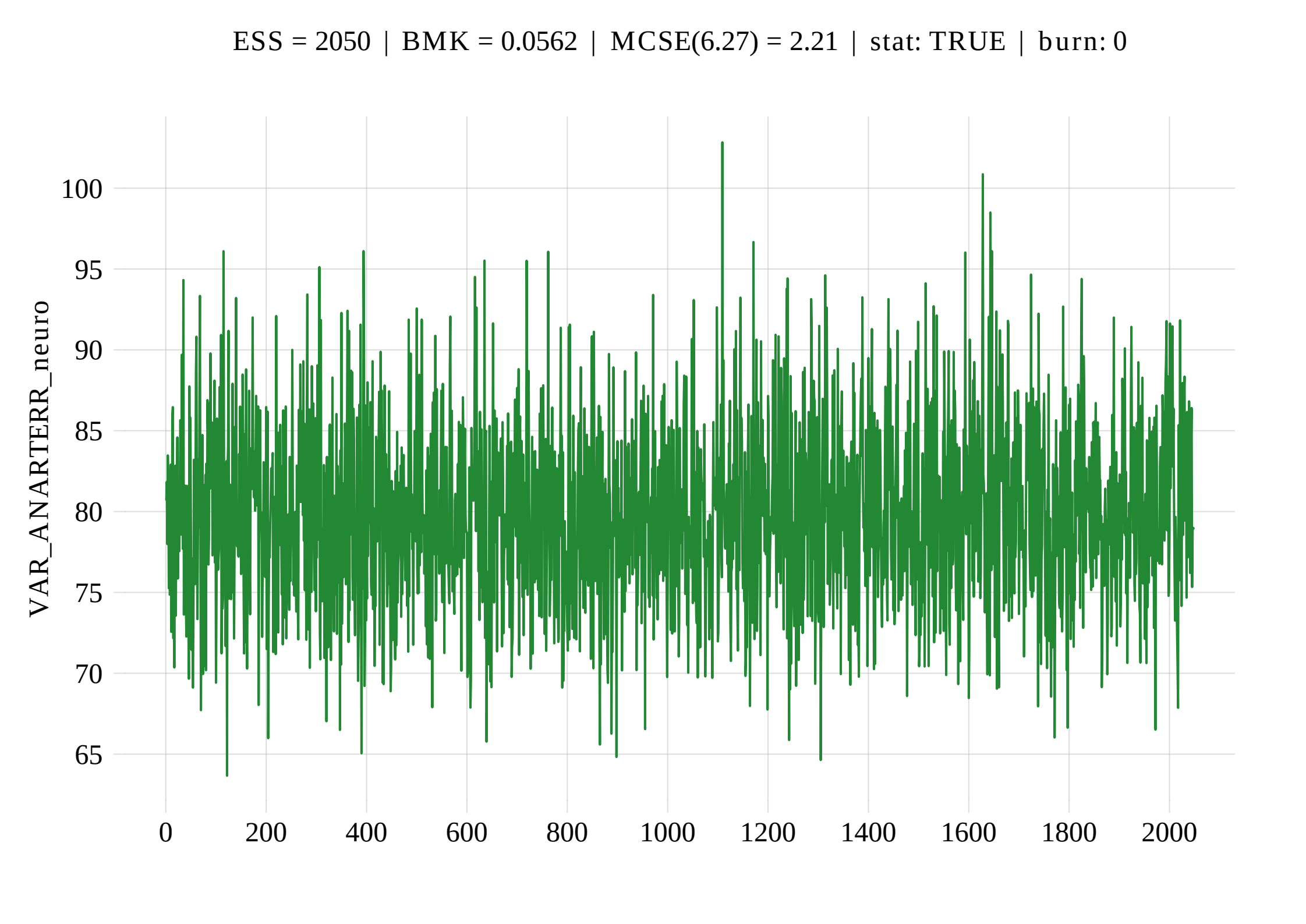

ESS = 2050 | BMK = 0.0446 | MCSE(6.27) = 2.19 | stat: FALSE | burn: 0
VAR_AVDELTOT_neuro
12.0
11.5
11.0
10.5
10.0
9.5
9.0
8.5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

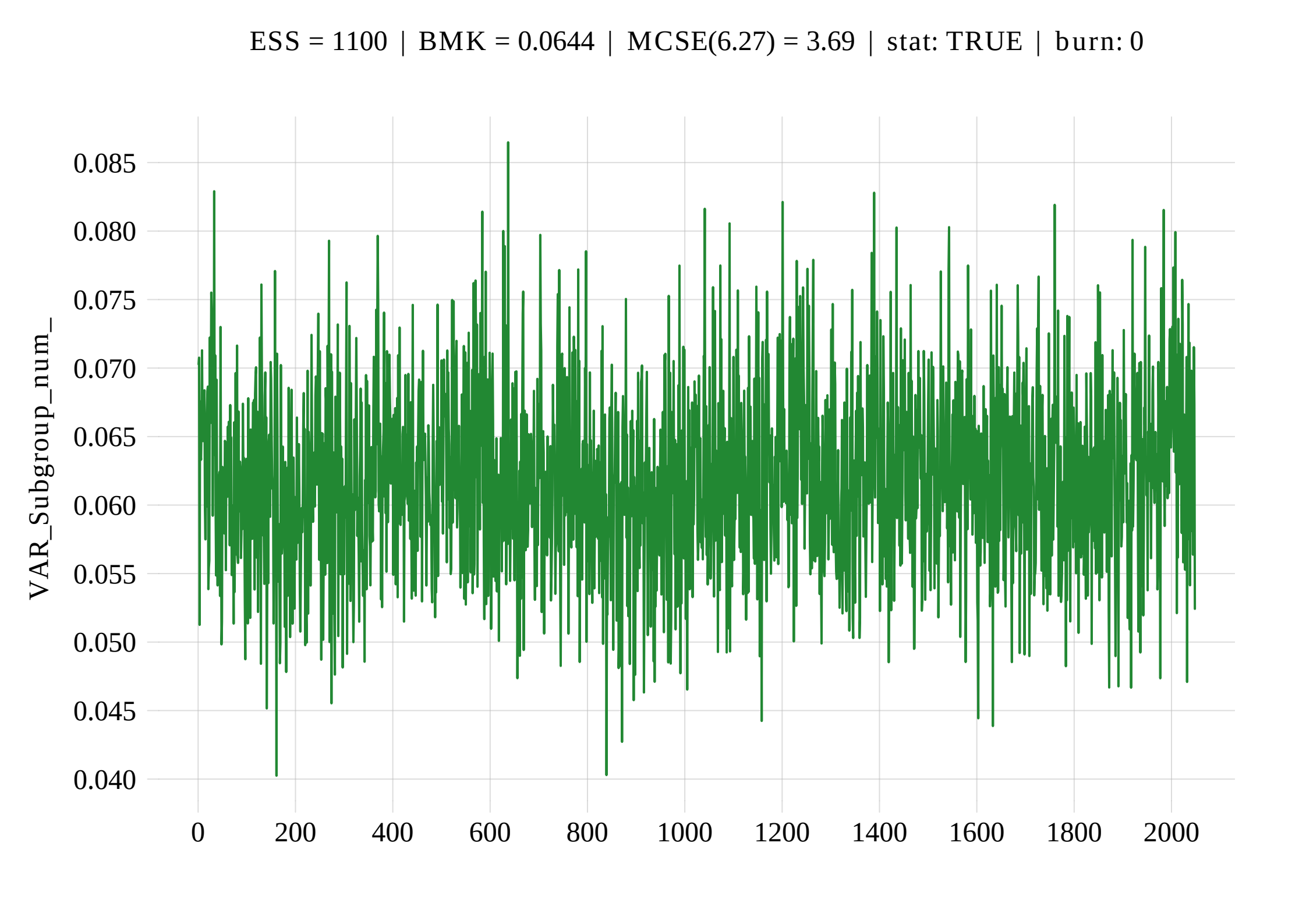

ESS = 2050 | BMK = 0.0489 | MCSE(6.27) = 2.09 | stat: TRUE | burn: 0
VAR_TRAASCOR_neuro
500
450
400
350
300
250
200
0
200
400
600
800
1000
1200
1400
1600
1800
2000

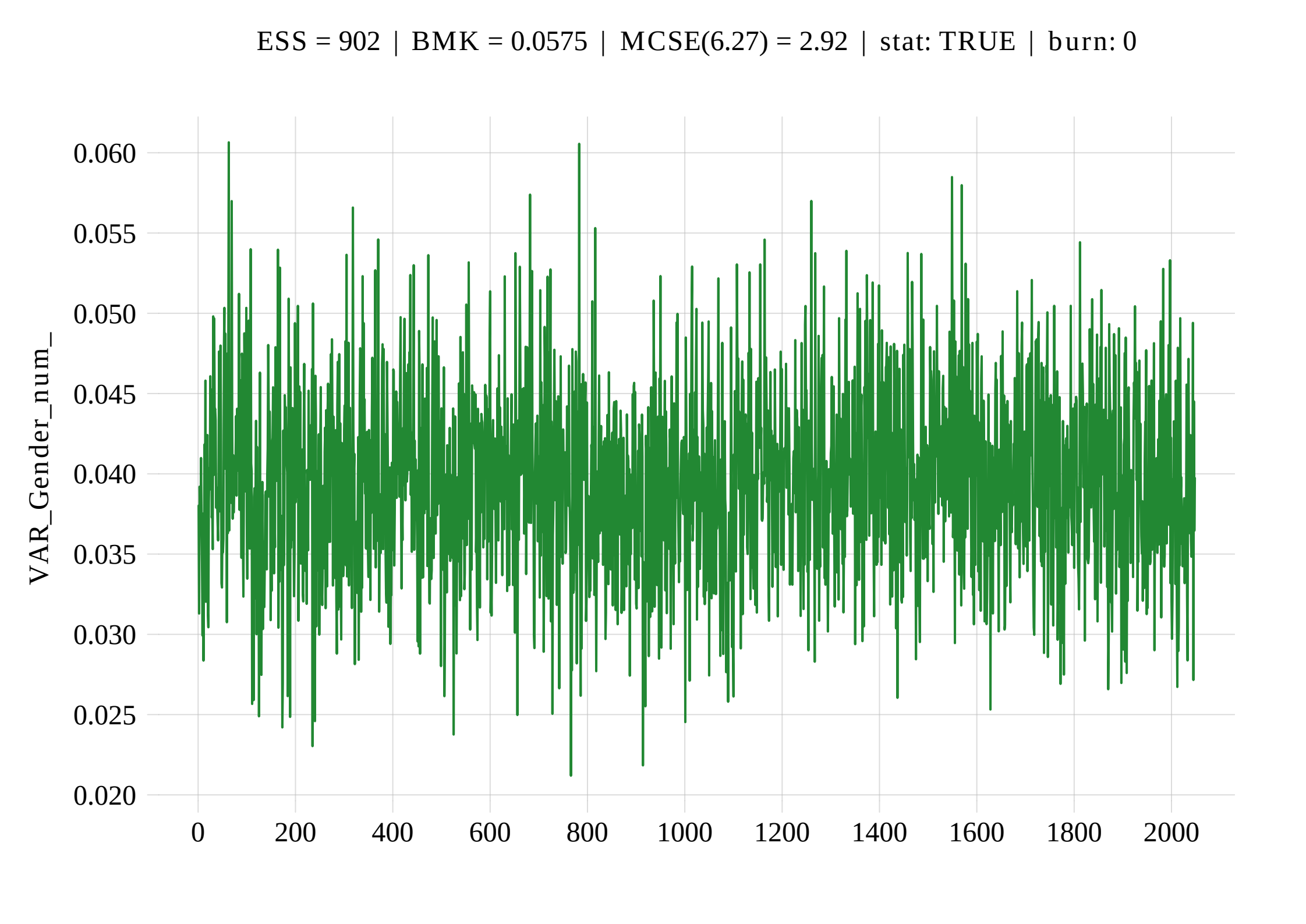

ESS = 2050 | BMK = 0.0258 | MCSE(6.27) = 2.07 | stat: TRUE | burn: 0
VAR_TRABSCOR_neuro
5400
5200
5000
4800
4600
4400
4200
4000
3800
3600
3400
0
200
400
600
800
1000
1200
1400
1600
1800
2000

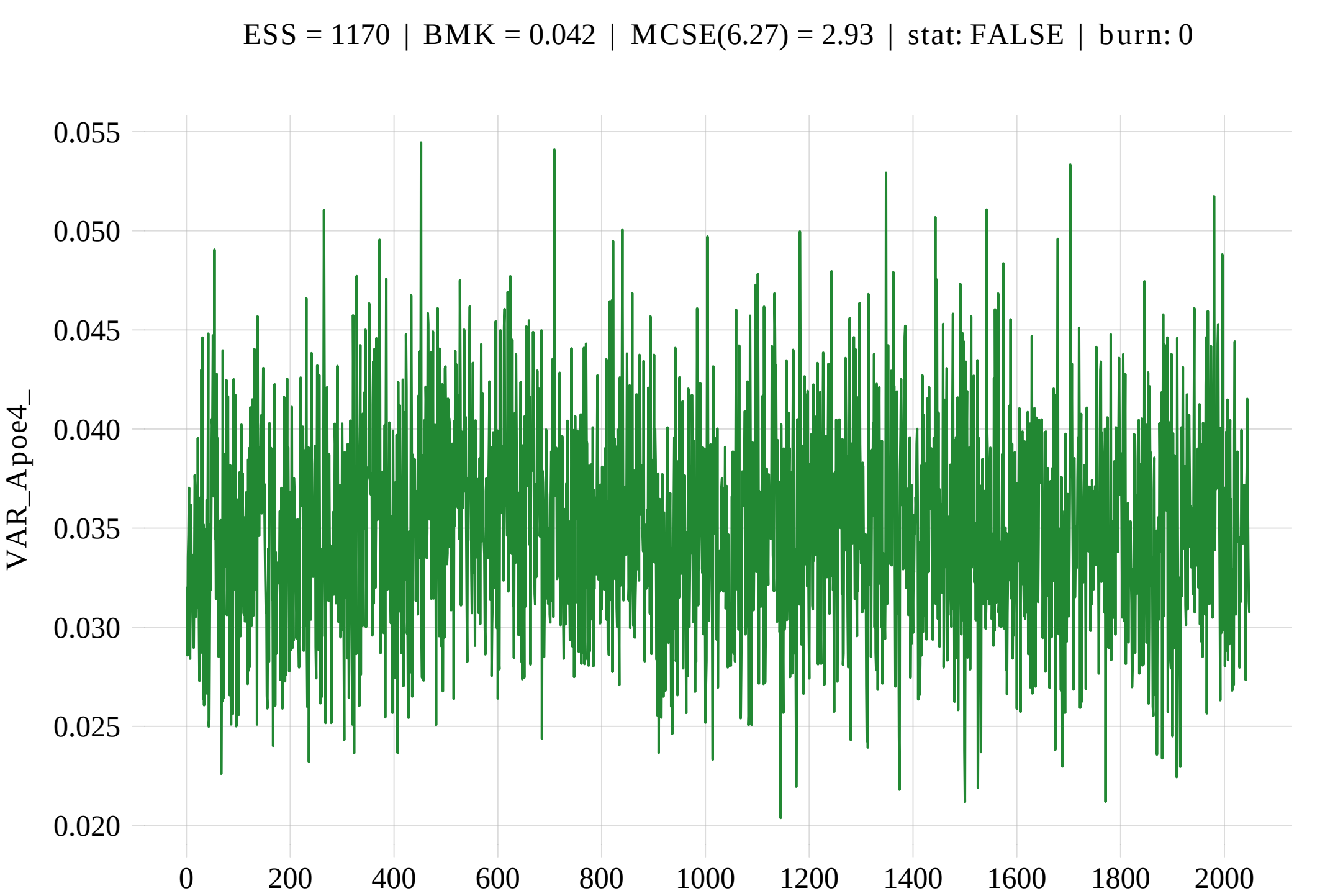

ESS = 664 | BMK = 0.0796 | MCSE(6.27) = 3.41 | stat: FALSE | burn: 0
VAR_CATANIMSC_neuro
30
29
28
27
26
25
24
23
22
21
20
19
18
0
200
400
600
800
1000
1200
1400
1600
1800
2000

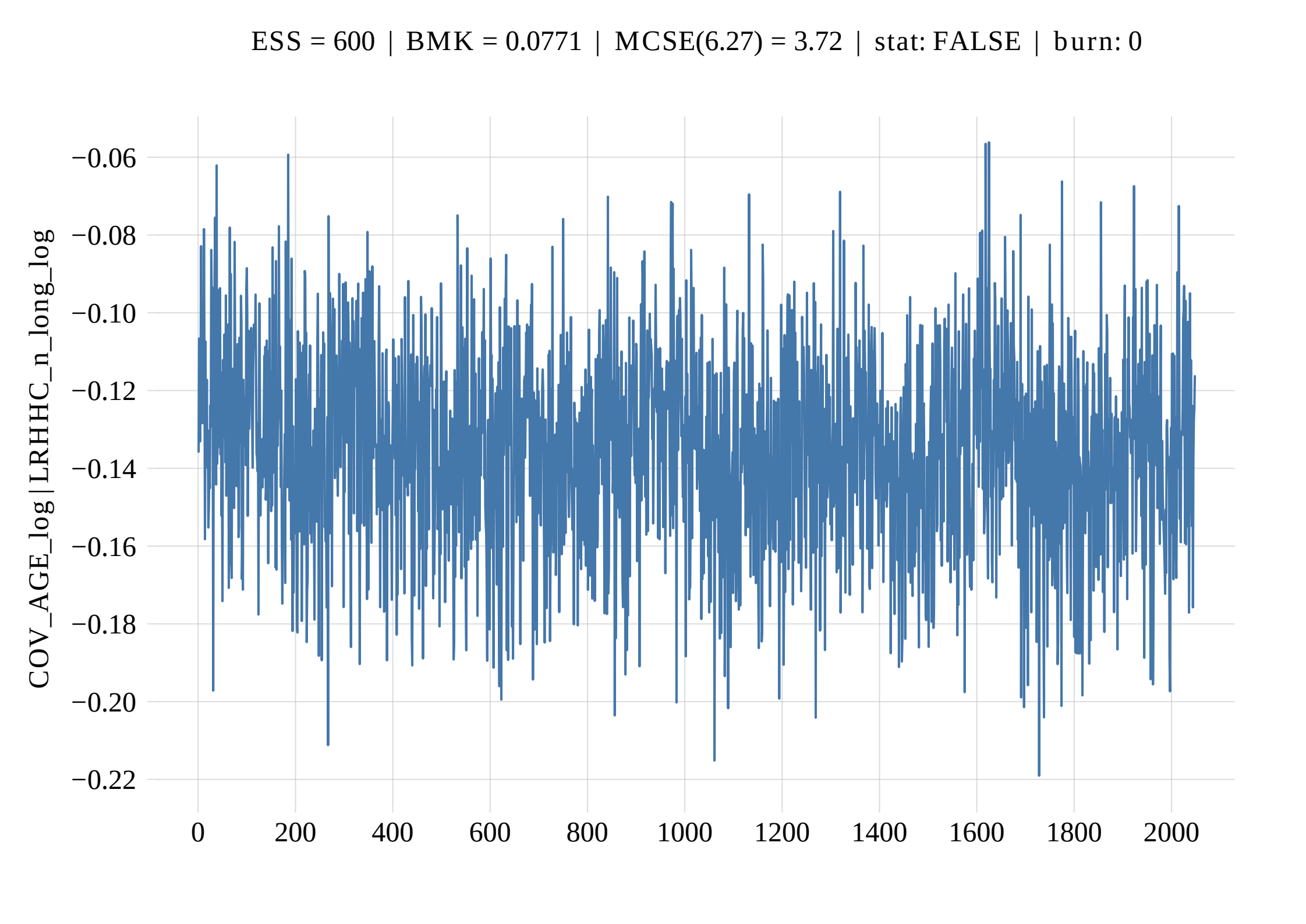

ESS = 438 | BMK = 0.0594 | MCSE(6.27) = 3.97 | stat: FALSE | burn: 0
VAR_GDTOTAL_gds
1.70
1.65
1.60
1.55
1.50
1.45
1.40
1.35
1.30
0
200
400
600
800
1000
1200
1400
1600
1800
2000

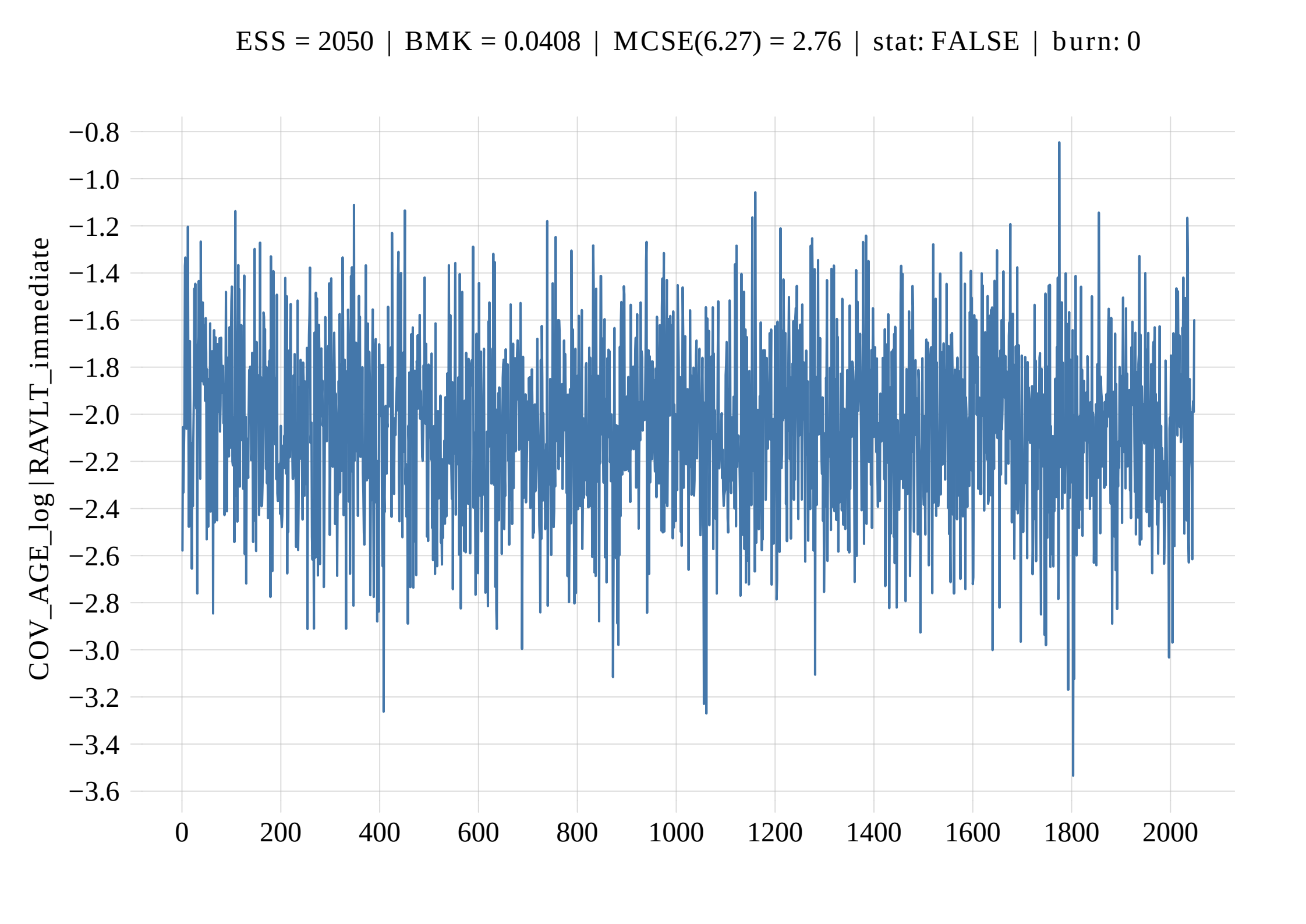

ESS = 2050 | BMK = 0.0562 | MCSE(6.27) = 2.21 | stat: TRUE | burn: 0
VAR_ANARTERR_neuro
100
95
90
85
80
75
70
65
0
200
400
600
800
1000
1200
1400
1600
1800
2000

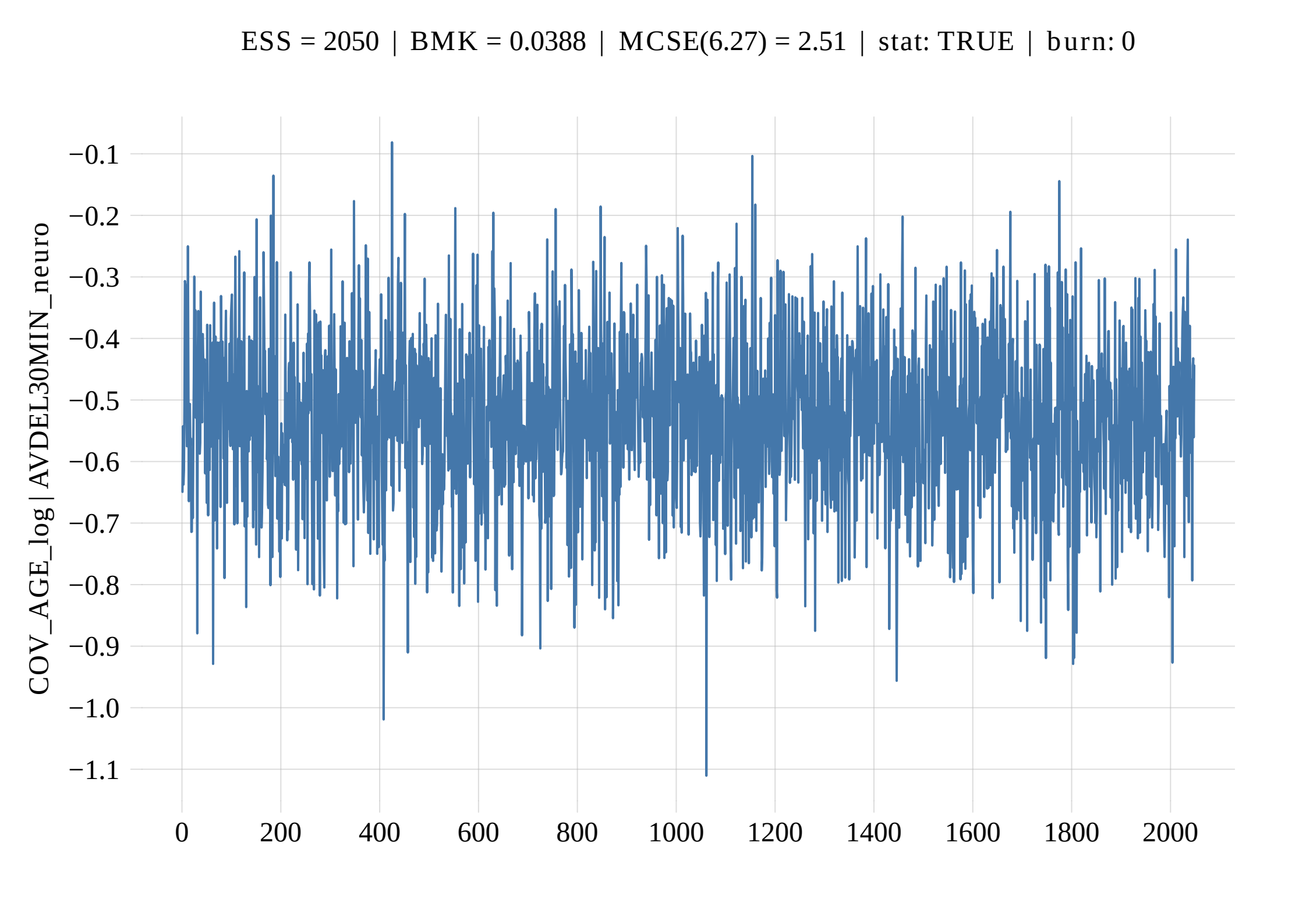

ESS = 1100 | BMK = 0.0644 | MCSE(6.27) = 3.69 | stat: TRUE | burn: 0
VAR_Subgroup_num_
0.085
0.080
0.075
0.070
0.065
0.060
0.055
0.050
0.045
0.040
0
200
400
600
800
1000
1200
1400
1600
1800
2000

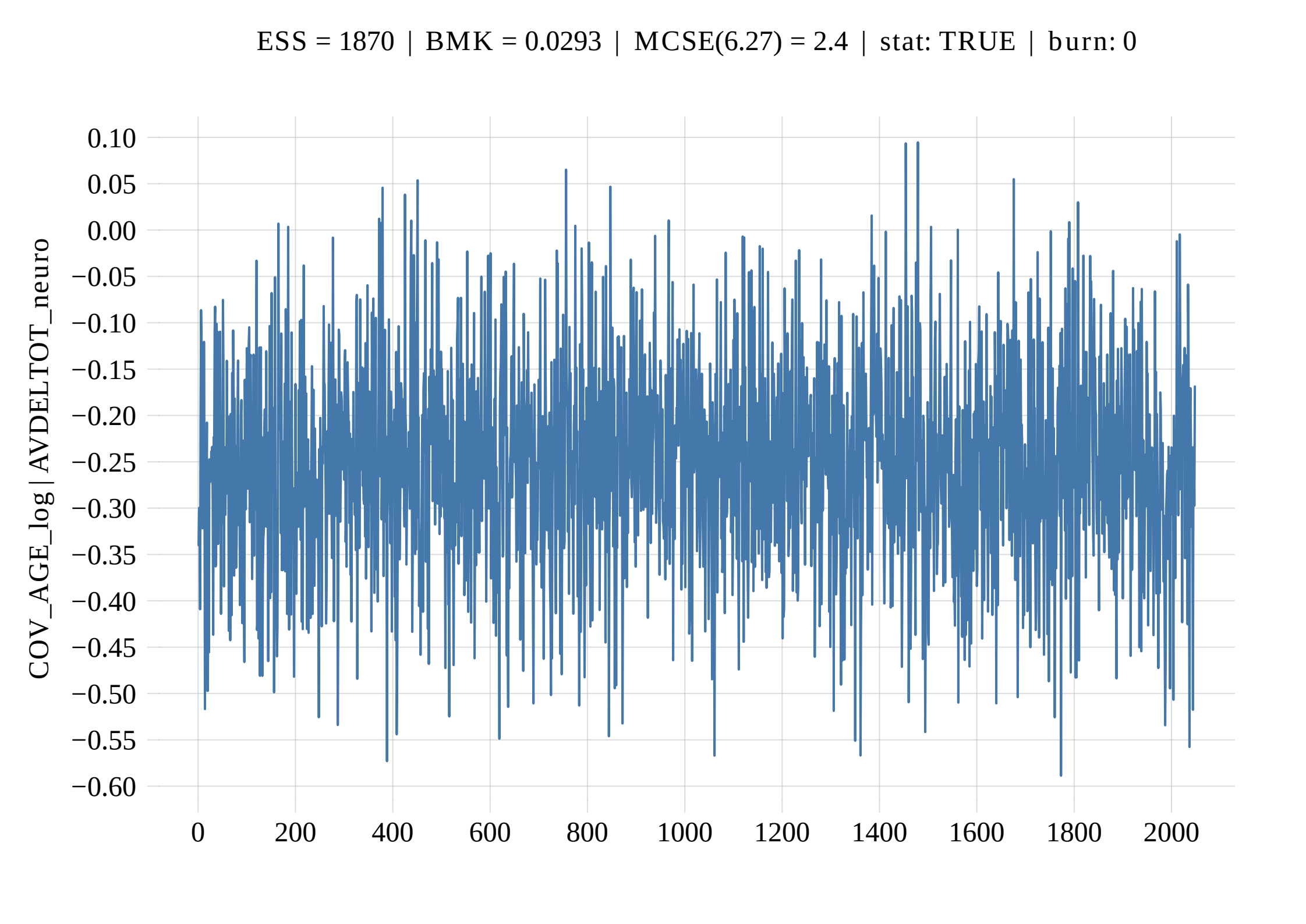

ESS = 902 | BMK = 0.0575 | MCSE(6.27) = 2.92 | stat: TRUE | burn: 0
VAR_Gender_num_
0.060
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0
200
400
600
800
1000
1200
1400
1600
1800
2000

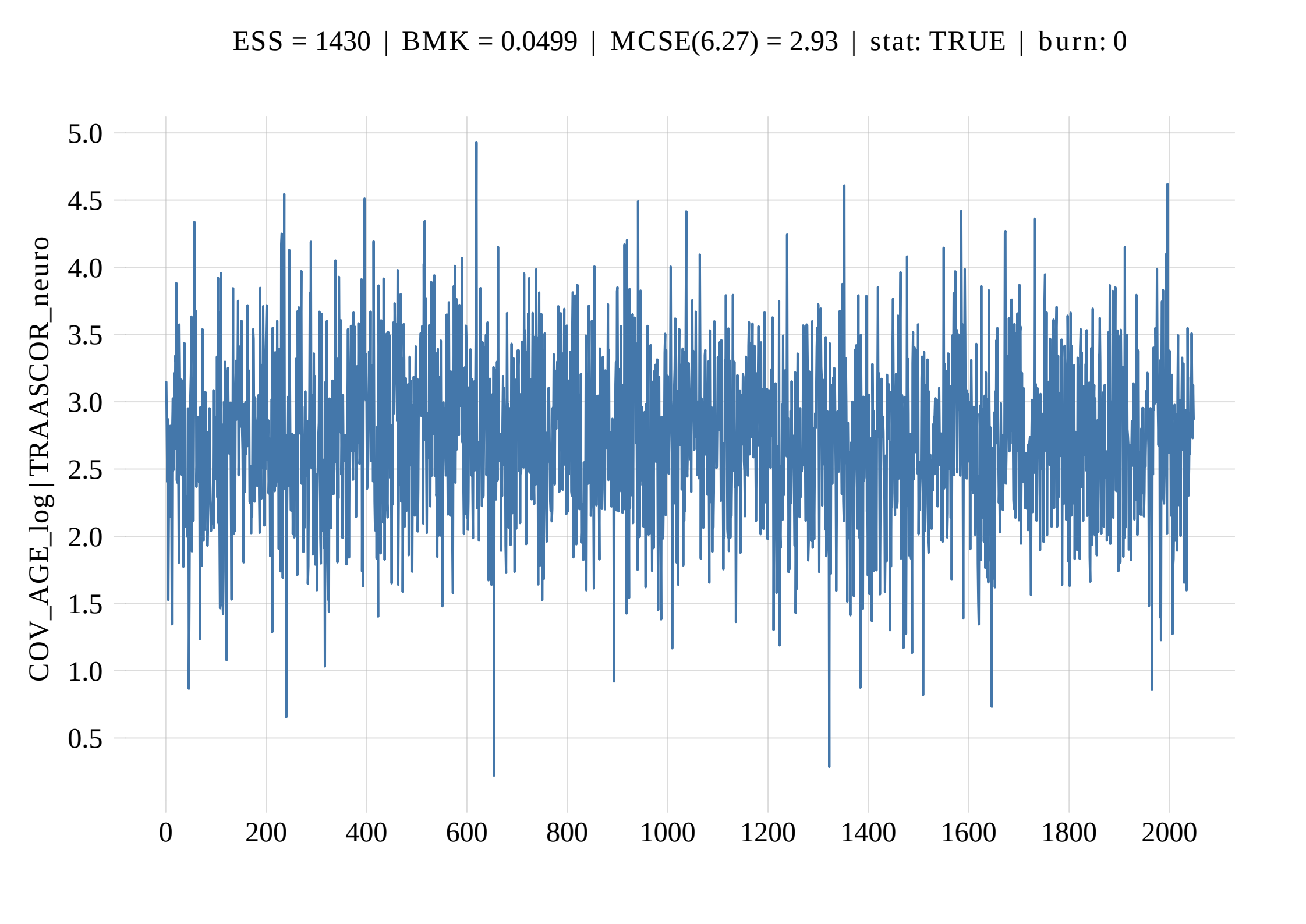

ESS = 1170 | BMK = 0.042 | MCSE(6.27) = 2.93 | stat: FALSE | burn: 0
VAR_Apoe4_
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0
200
400
600
800
1000
1200
1400
1600
1800
2000

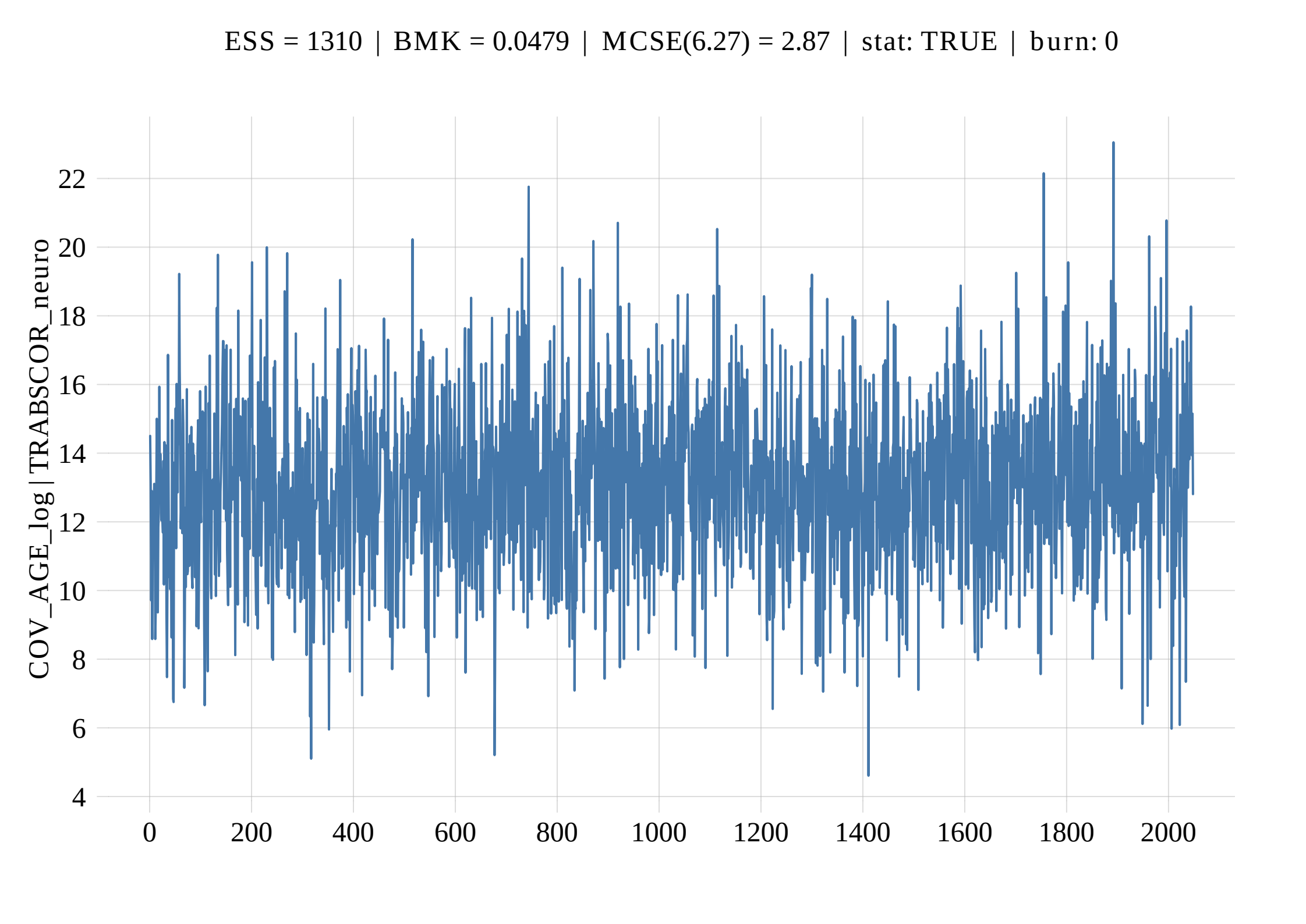

ESS = 600 | BMK = 0.0771 | MCSE(6.27) = 3.72 | stat: FALSE | burn: 0
COV_AGE_log|LRHHC_n_long_log
−0.06
−0.08
−0.10
−0.12
−0.14
−0.16
−0.18
−0.20
−0.22
0
200
400
600
800
1000
1200
1400
1600
1800
2000

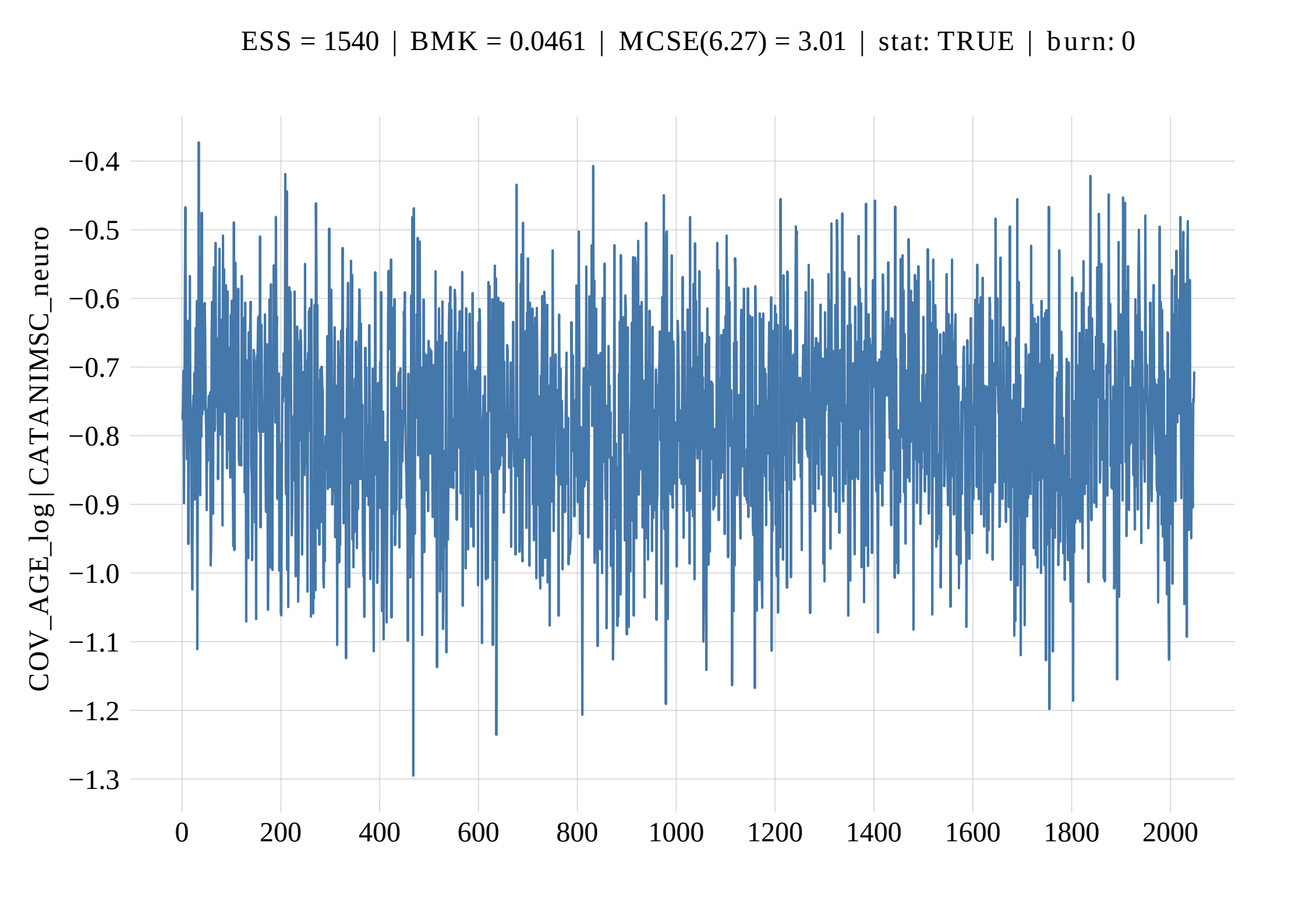

ESS = 2050 | BMK = 0.0408 | MCSE(6.27) = 2.76 | stat: FALSE | burn: 0
COV_AGE_log | RAVLT_immediate
−0.8
−1.0
−1.2
−1.4
−1.6
−1.8
−2.0
−2.2
−2.4
−2.6
−2.8
−3.0
−3.2
−3.4
−3.6
0
200
400
600
800
1000
1200
1400
1600
1800
2000

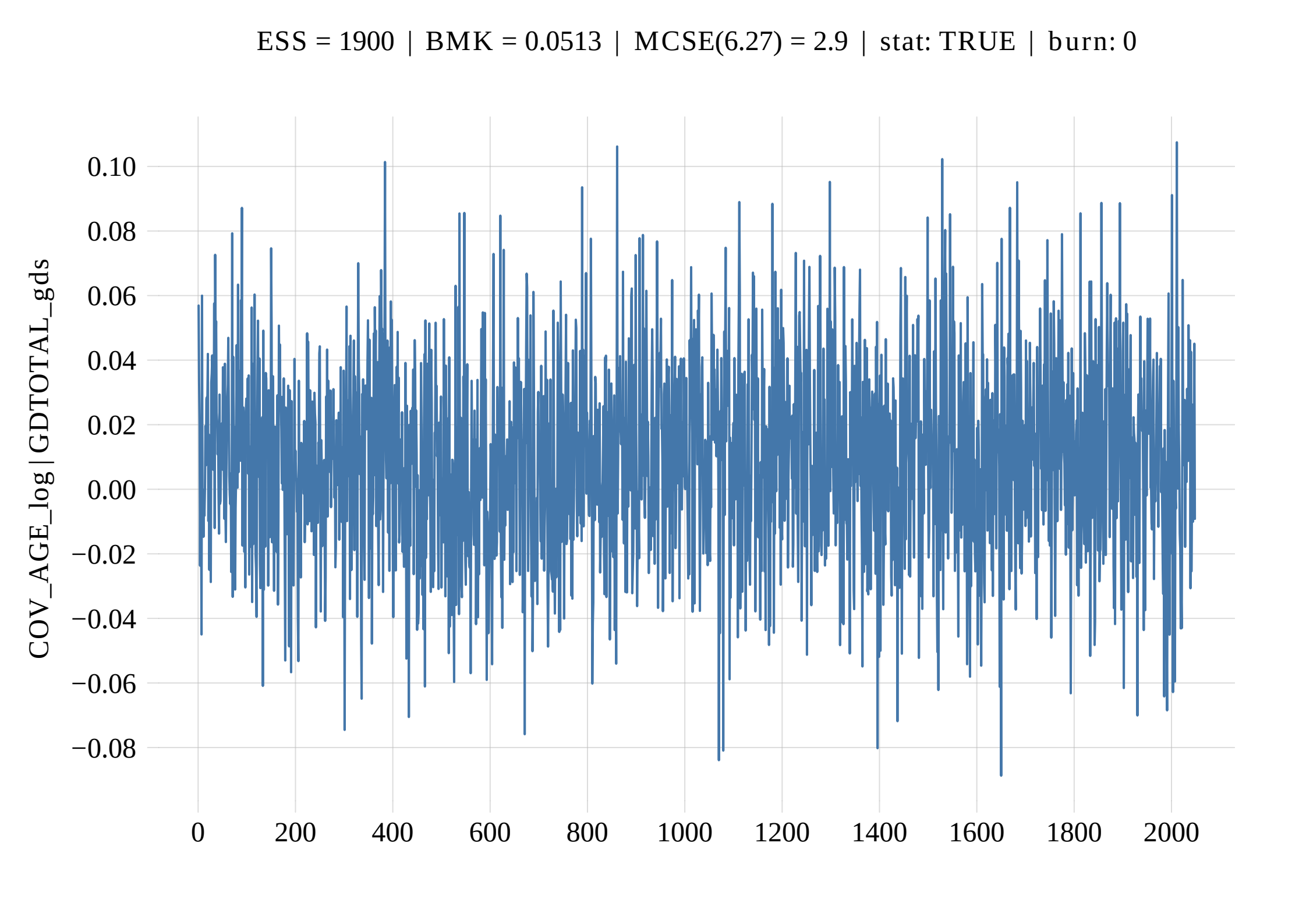

ESS = 2050 | BMK = 0.0388 | MCSE(6.27) = 2.51 | stat: TRUE | burn: 0
COV_AGE_log | AVDEL30MIN_neuro
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
0
200
400
600
800
1000
1200
1400
1600
1800
2000

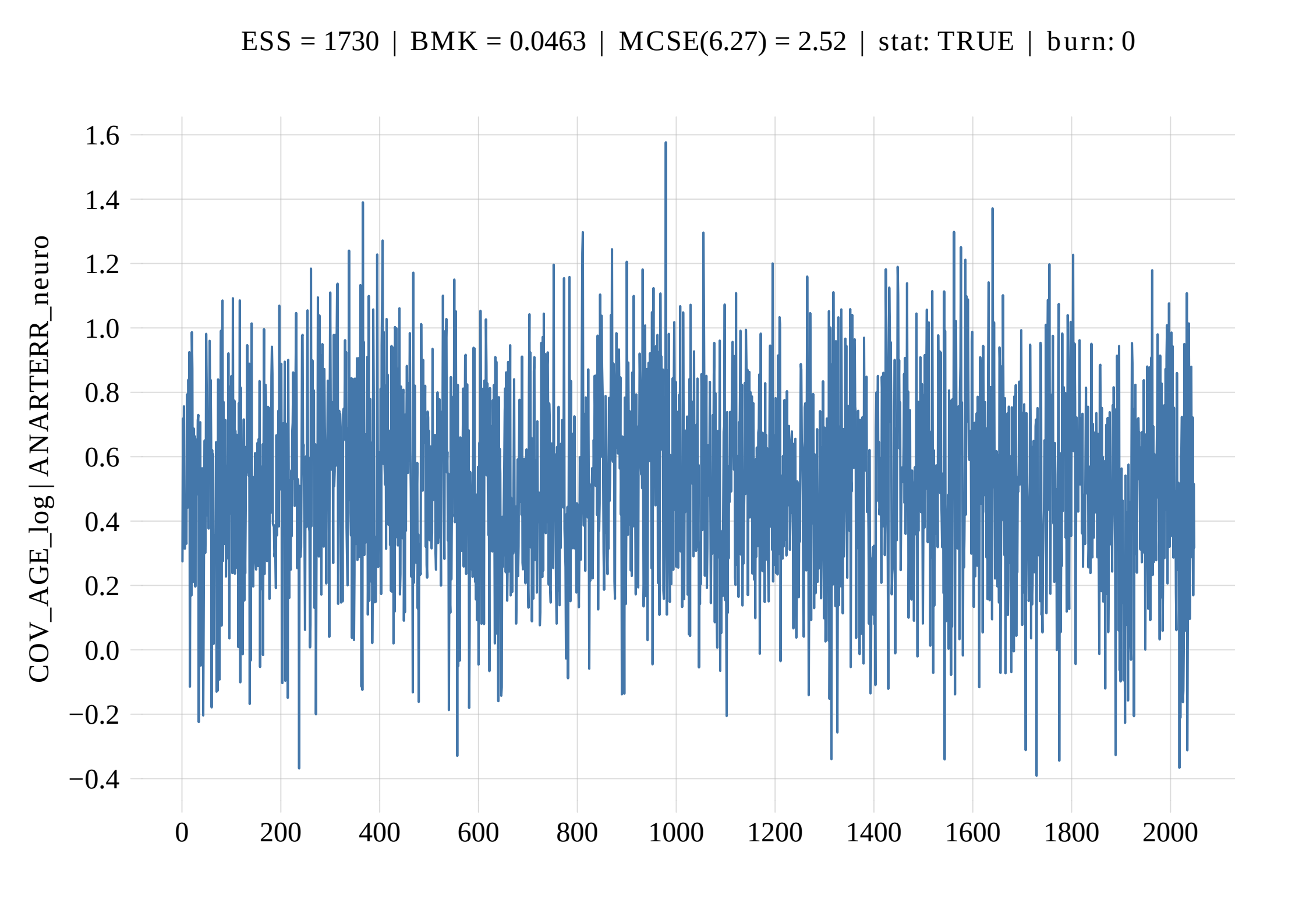

ESS = 1870 | BMK = 0.0293 | MCSE(6.27) = 2.4 | stat: TRUE | burn: 0
COV_AGE_log | AVDELTOT_neuro
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
0
200
400
600
800
1000
1200
1400
1600
1800
2000

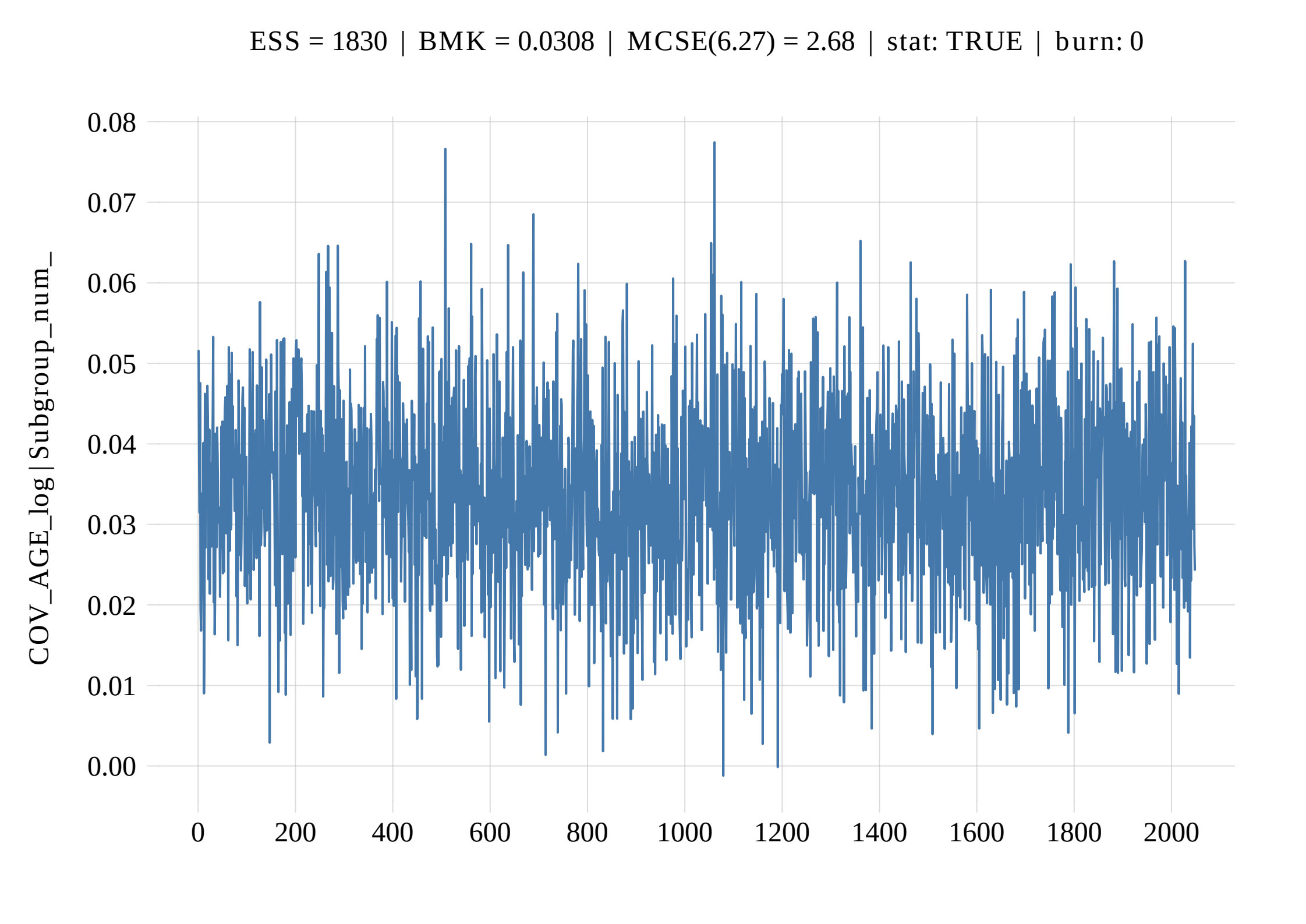

ESS = 1430 | BMK = 0.0499 | MCSE(6.27) = 2.93 | stat: TRUE | burn: 0
COV_AGE_log | TRAASCOR_neuro
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

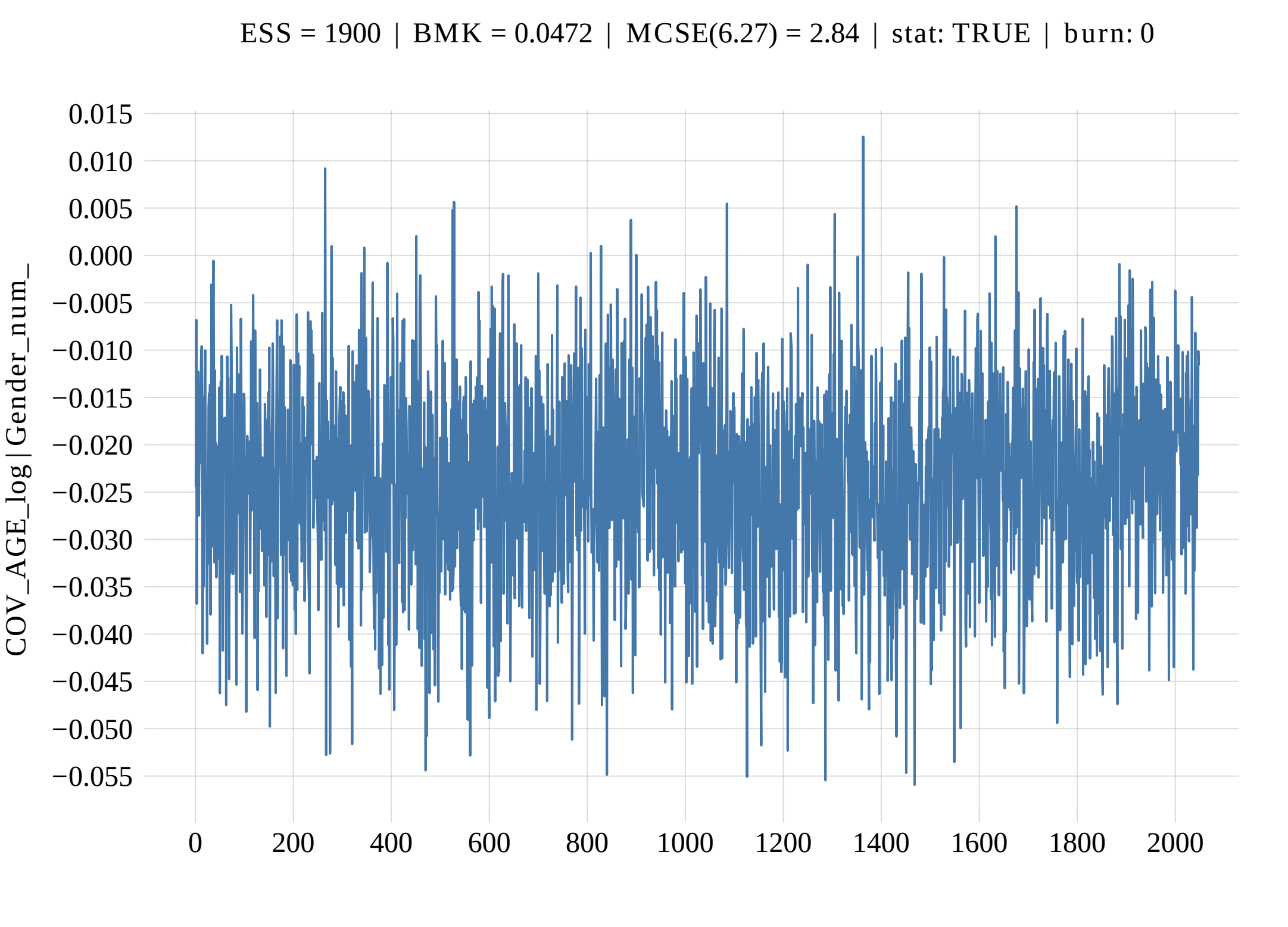

ESS = 1310 | BMK = 0.0479 | MCSE(6.27) = 2.87 | stat: TRUE | burn: 0
COV_AGE_log | TRABSCOR_neuro
22
20
18
16
14
12
10
8
6
4
0
200
400
600
800
1000
1200
1400
1600
1800
2000

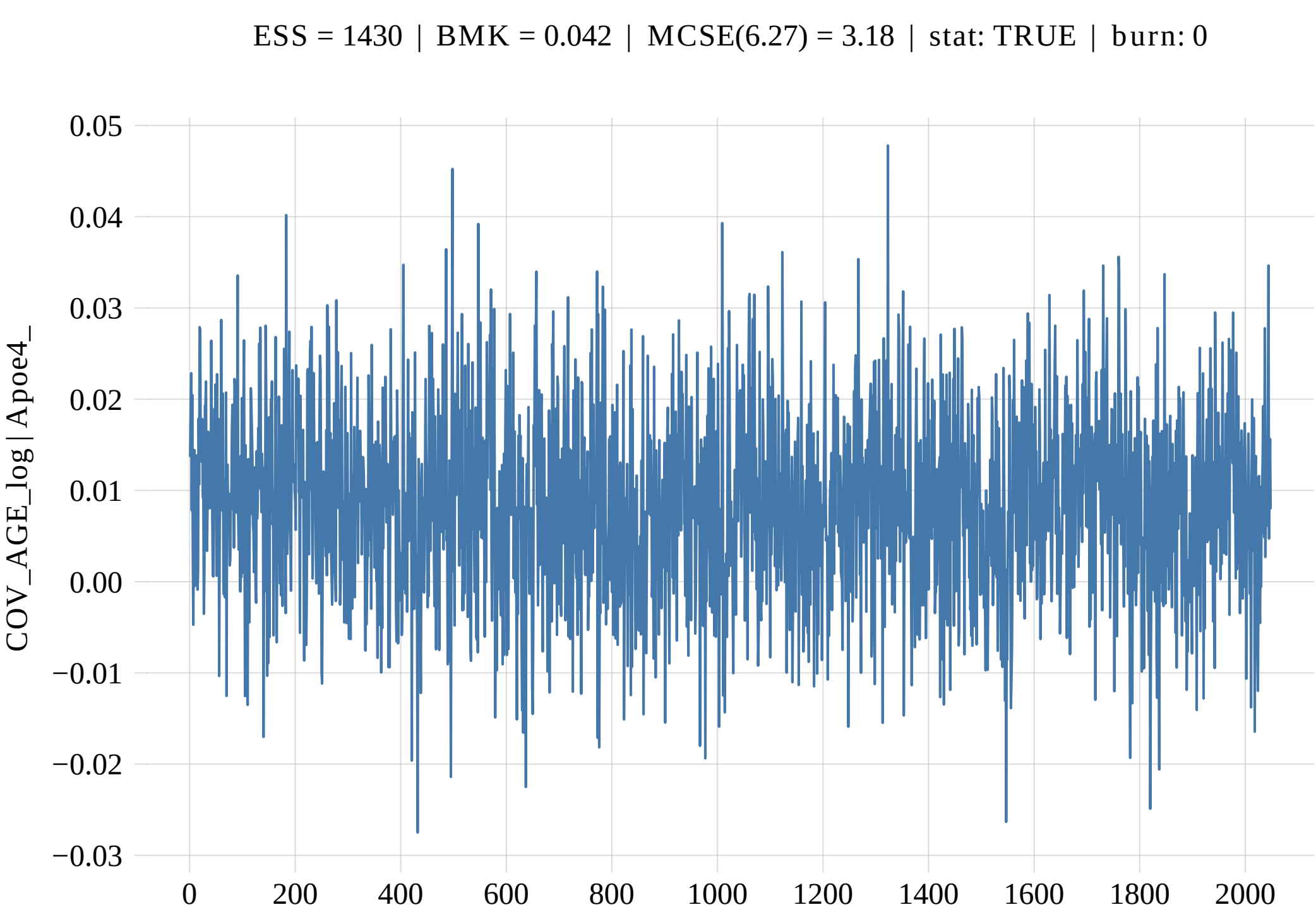

ESS = 1540 | BMK = 0.0461 | MCSE(6.27) = 3.01 | stat: TRUE | burn: 0
COV_AGE_log|CATANIMSC_neuro
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
−1.2
−1.3
0
200
400
600
800
1000
1200
1400
1600
1800
2000

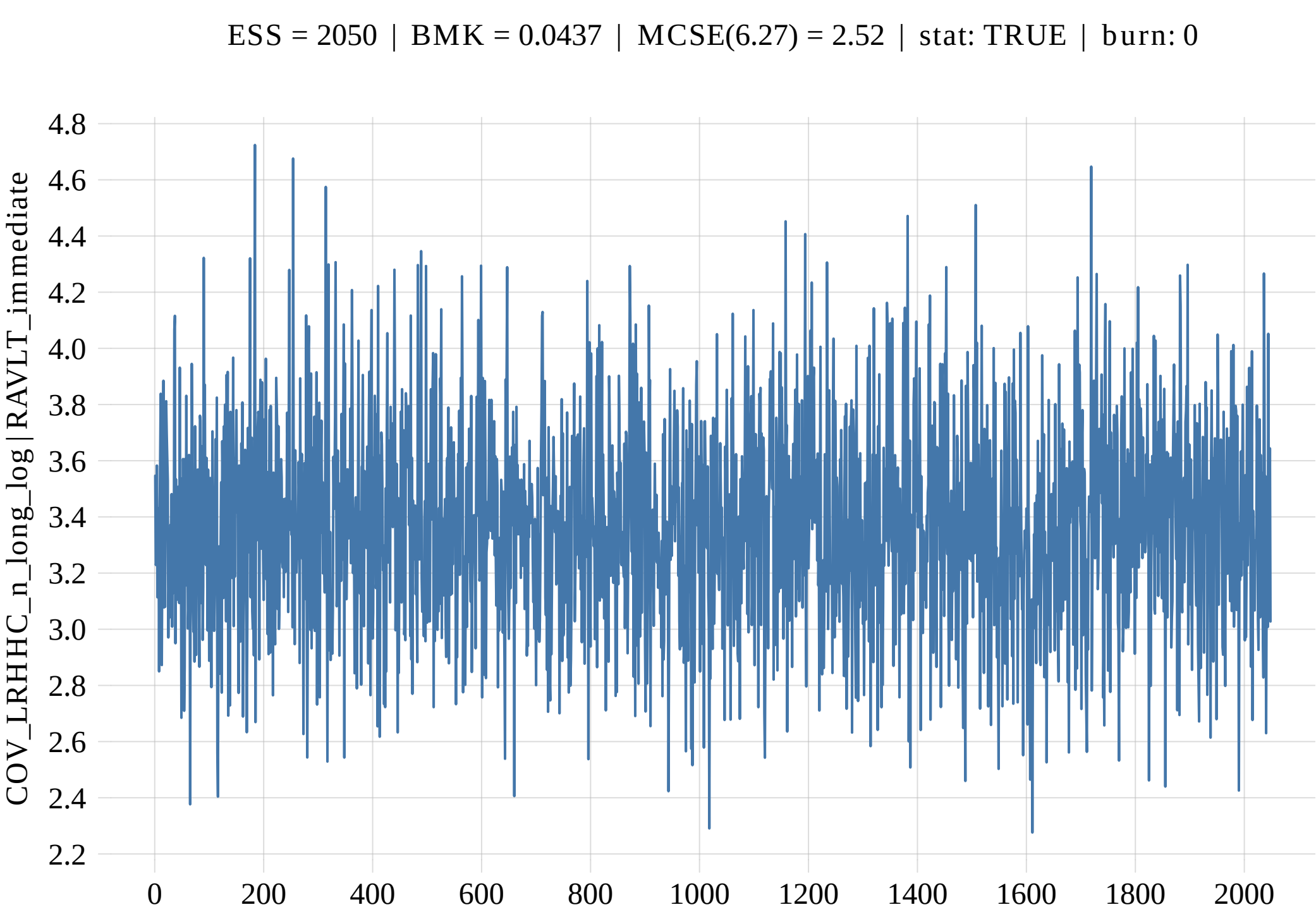

ESS = 1900 | BMK = 0.0513 | MCSE(6.27) = 2.9 | stat: TRUE | burn: 0
COV_AGE_log|GDTOTAL_gds
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
0
200
400
600
800
1000
1200
1400
1600
1800
2000

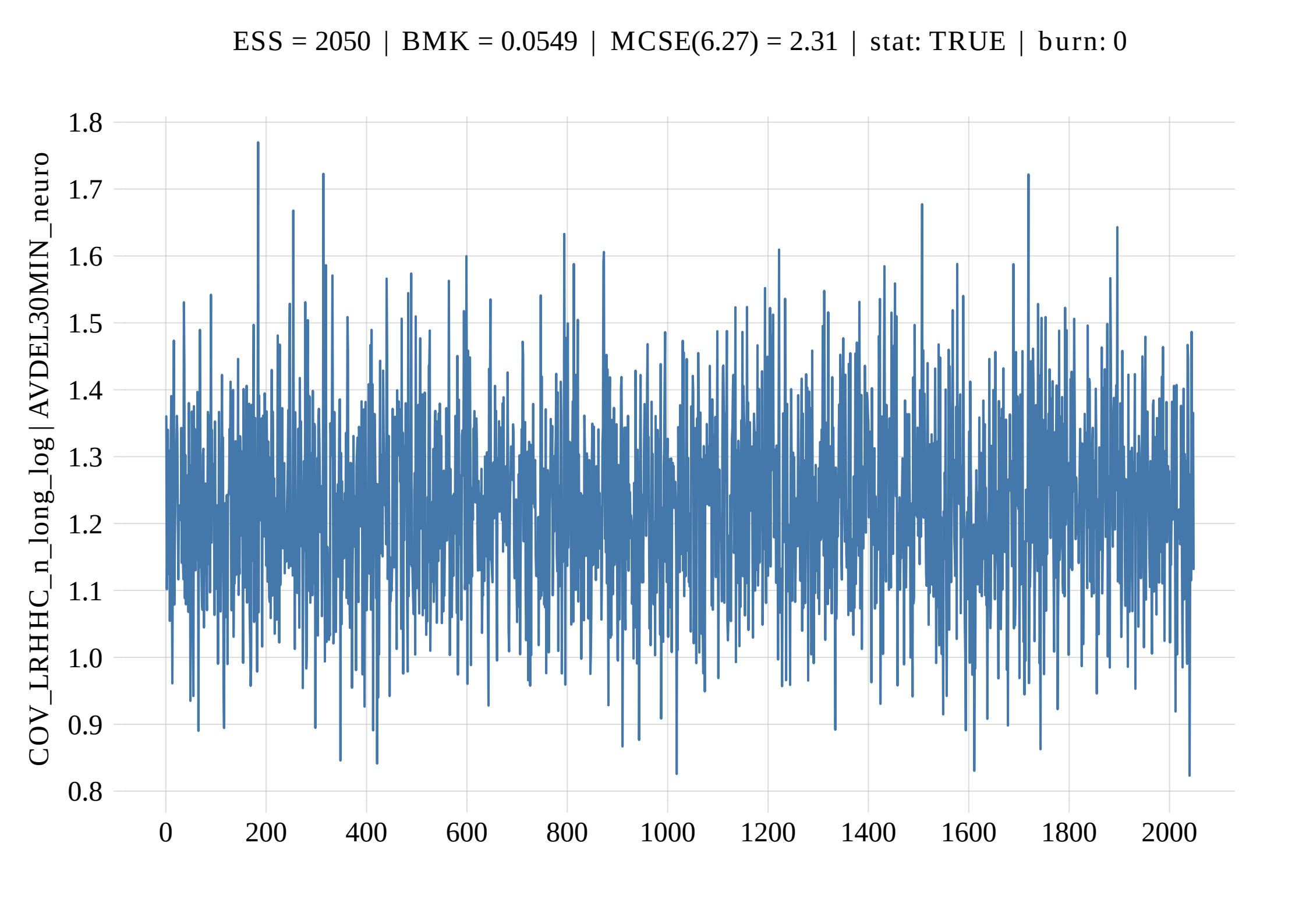

ESS = 1730 | BMK = 0.0463 | MCSE(6.27) = 2.52 | stat: TRUE | burn: 0
COV_AGE_log | ANARTERR_neuro
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
200
400
600
800
1000
1200
1400
1600
1800
2000

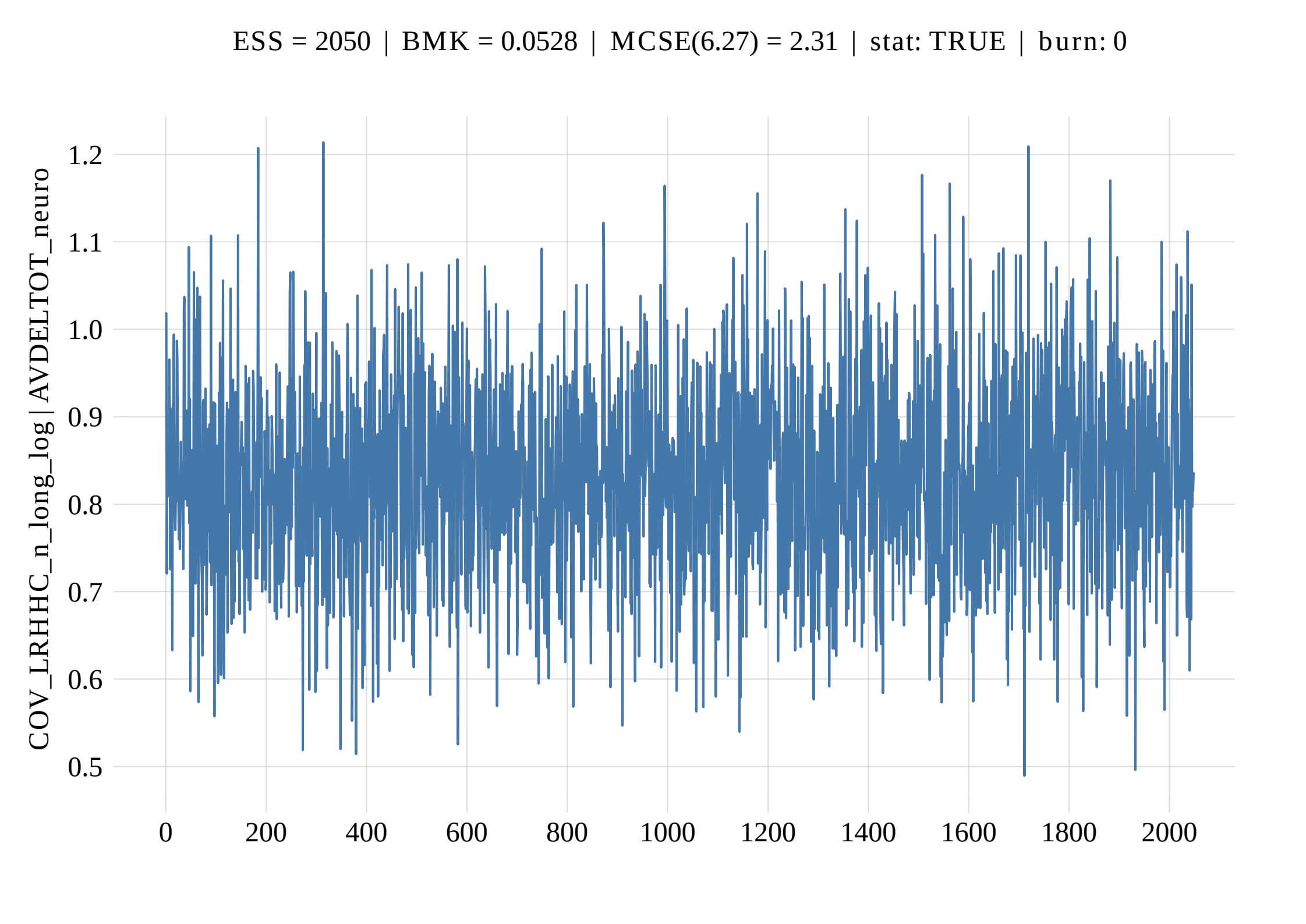

ESS = 1830 | BMK = 0.0308 | MCSE(6.27) = 2.68 | stat: TRUE | burn: 0
COV_AGE_log | Subgroup_num_
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0
200
400
600
800
1000
1200
1400
1600
1800
2000

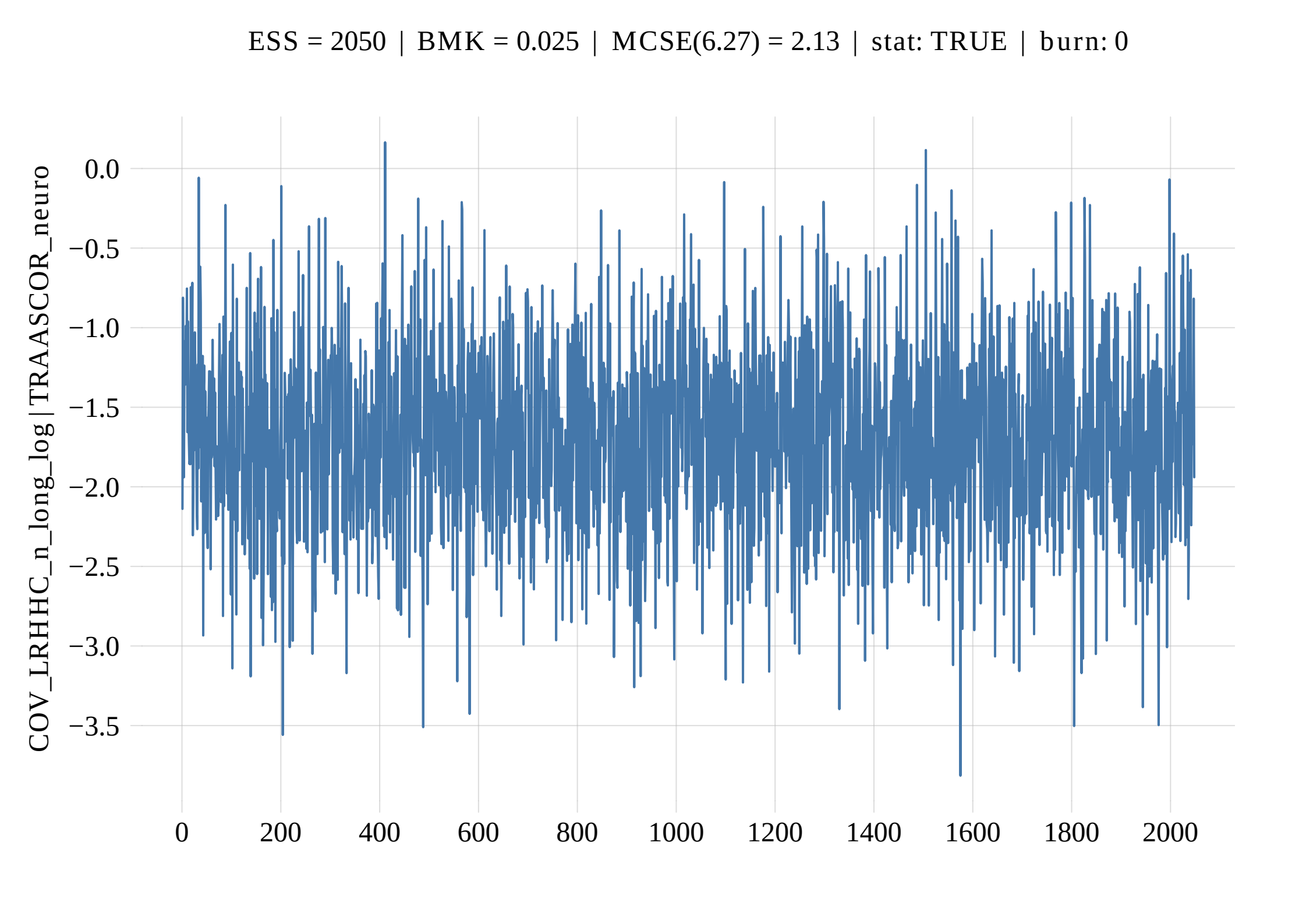

ESS = 1900 | BMK = 0.0472 | MCSE(6.27) = 2.84 | stat: TRUE | burn: 0
COV_AGE_log|Gender_num_
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
−0.035
−0.040
−0.045
−0.050
−0.055
0
200
400
600
800
1000
1200
1400
1600
1800
2000

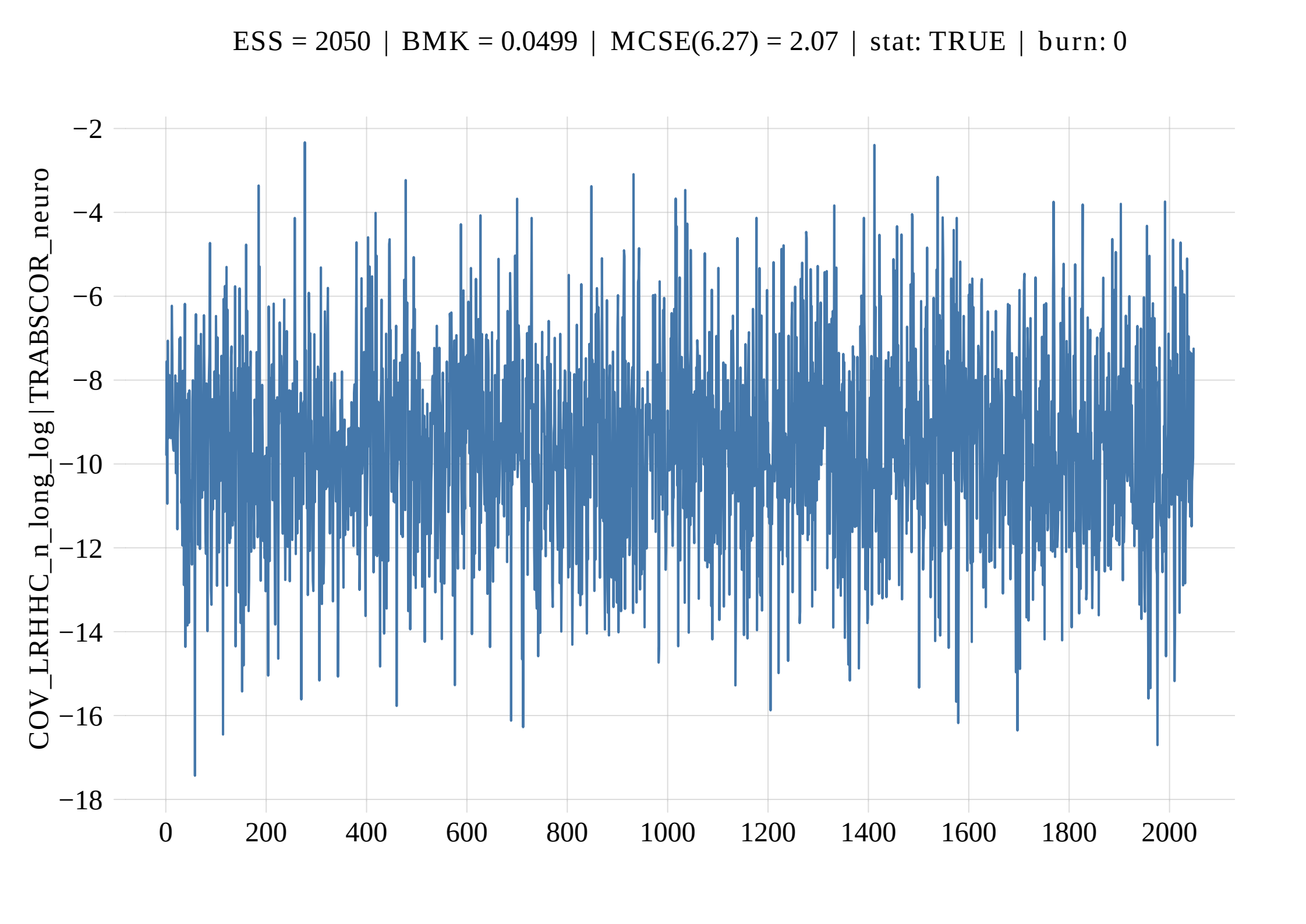

ESS = 1430 | BMK = 0.042 | MCSE(6.27) = 3.18 | stat: TRUE | burn: 0
COV_AGE_log | Apoe4_
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
0
200
400
600
800
1000
1200
1400
1600
1800
2000

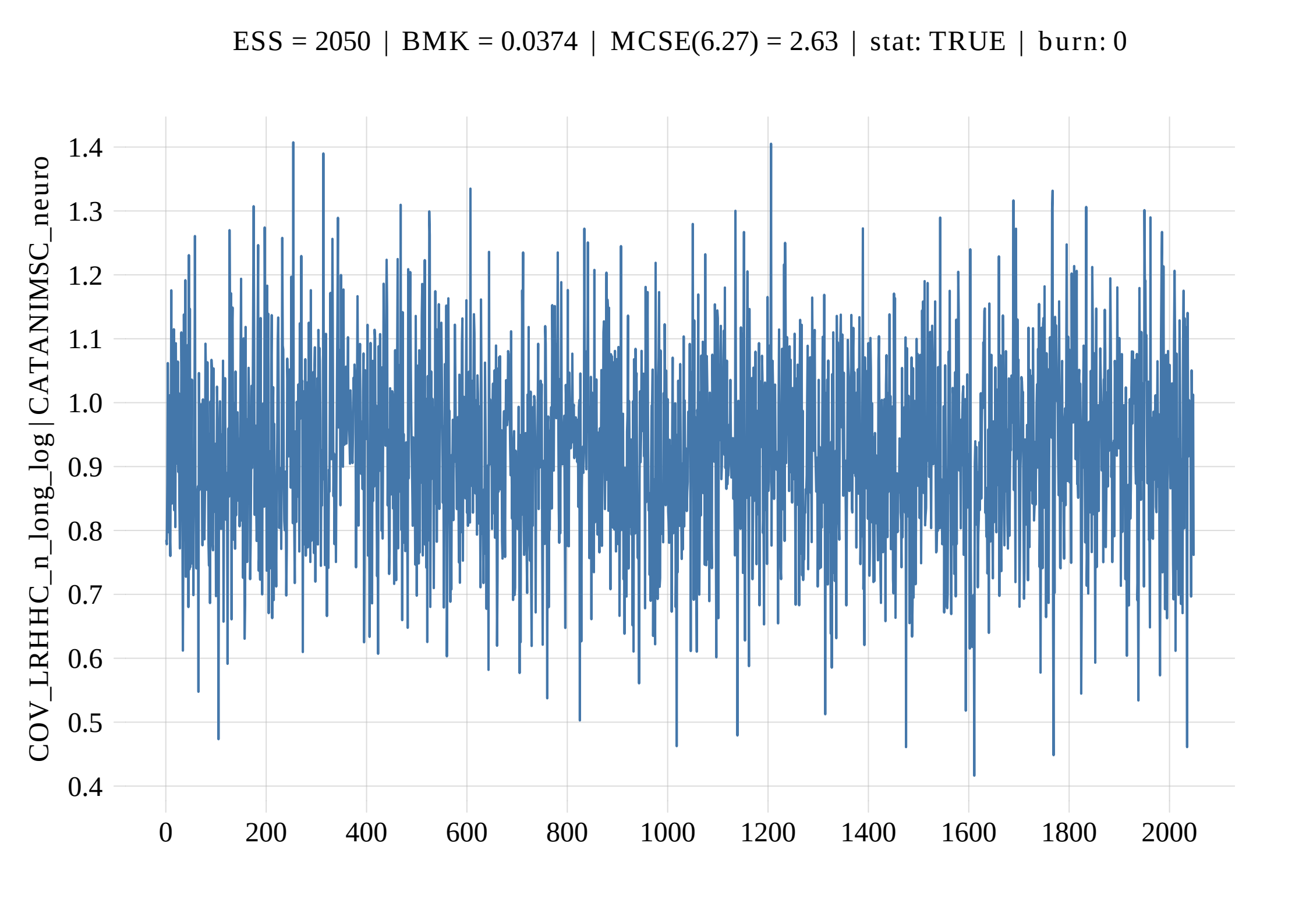

ESS = 2050 | BMK = 0.0437 | MCSE(6.27) = 2.52 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log|RAVLT_immediate
4.8
4.6
4.4
4.2
4.0
3.8
3.6
3.4
3.2
3.0
2.8
2.6
2.4
2.2
0
200
400
600
800
1000
1200
1400
1600
1800
2000

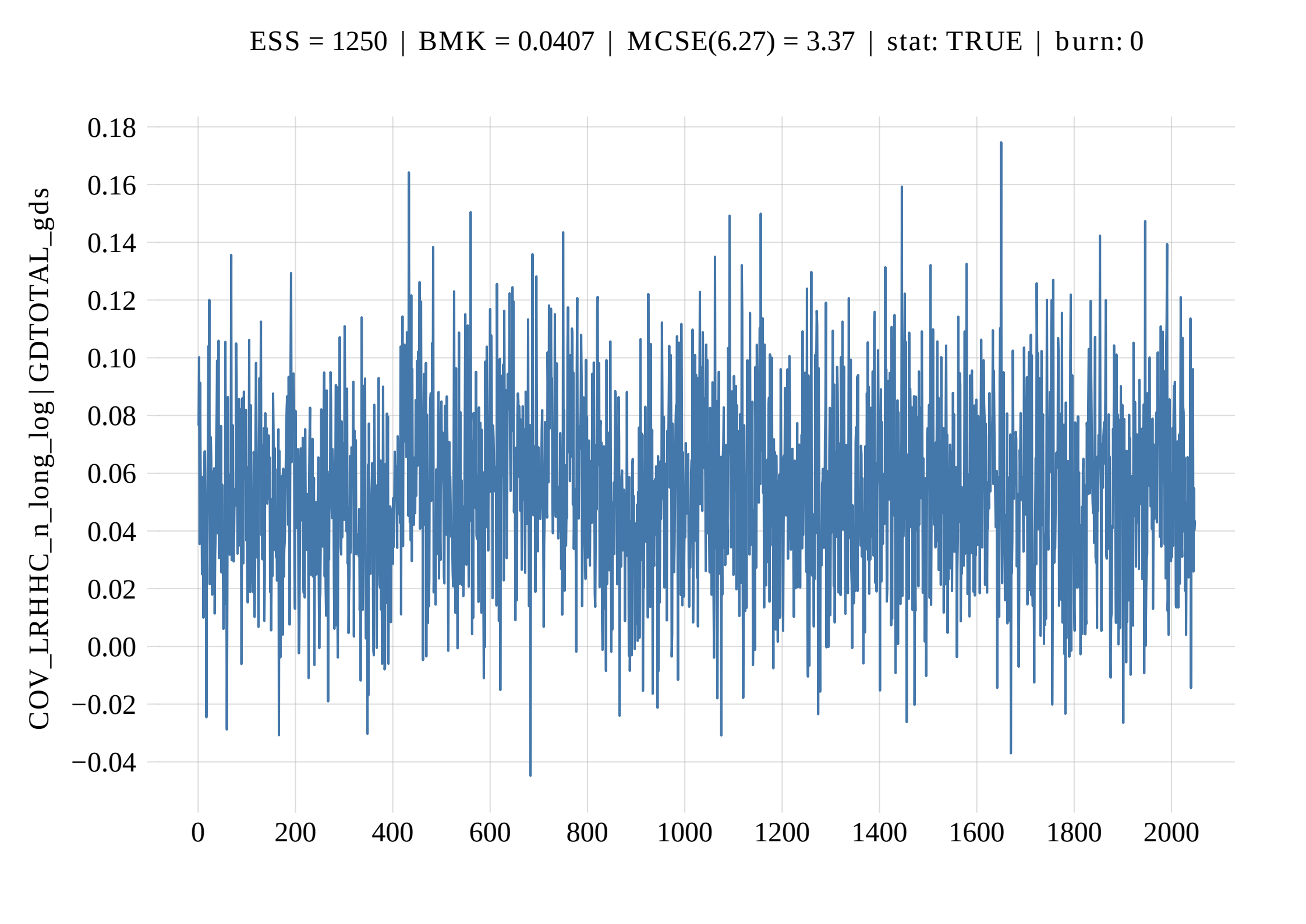

ESS = 2050 | BMK = 0.0549 | MCSE(6.27) = 2.31 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log | AVDEL30MIN_neuro
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0
200
400
600
800
1000
1200
1400
1600
1800
2000

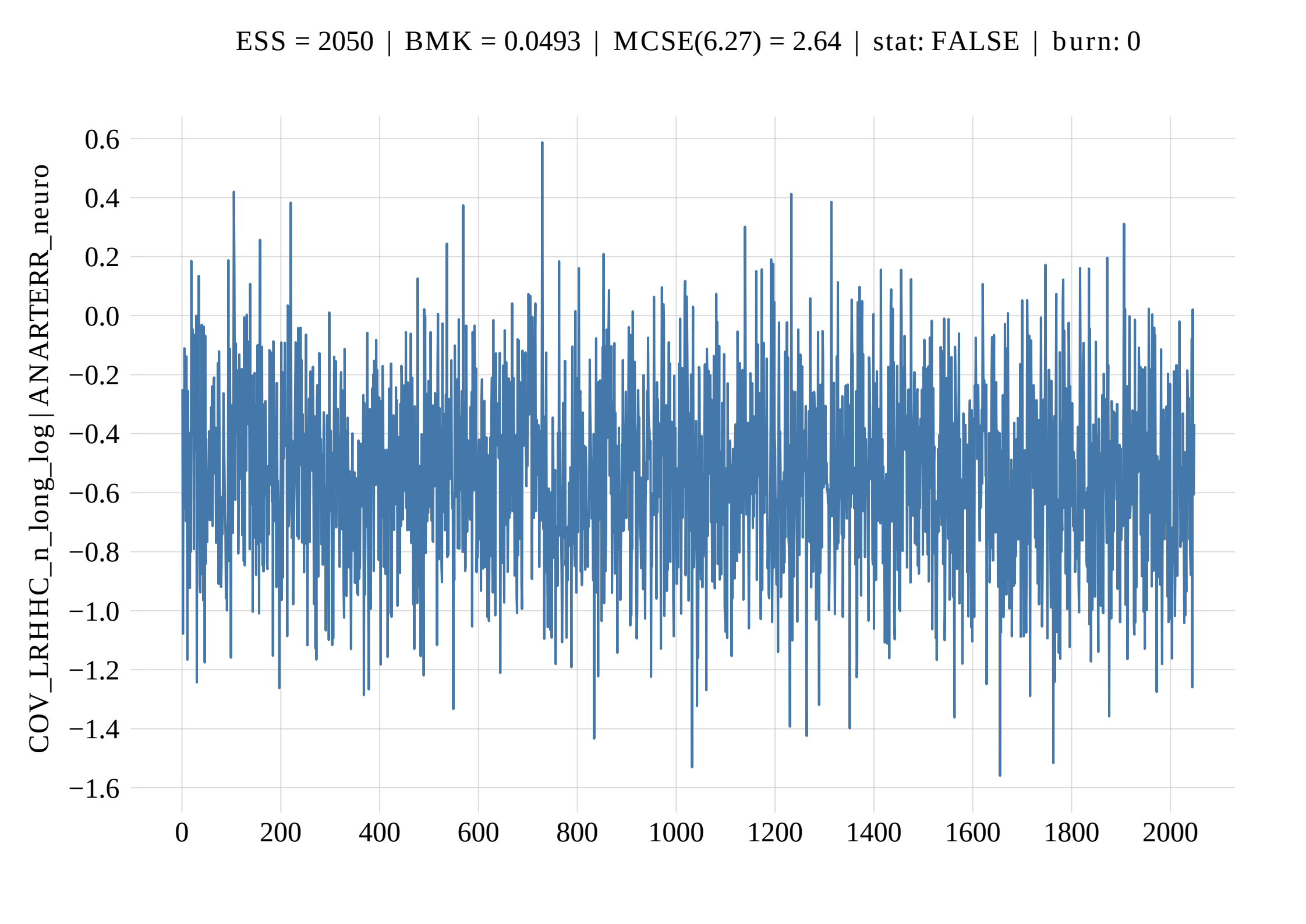

ESS = 2050 | BMK = 0.0528 | MCSE(6.27) = 2.31 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log | AVDELTOT_neuro
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

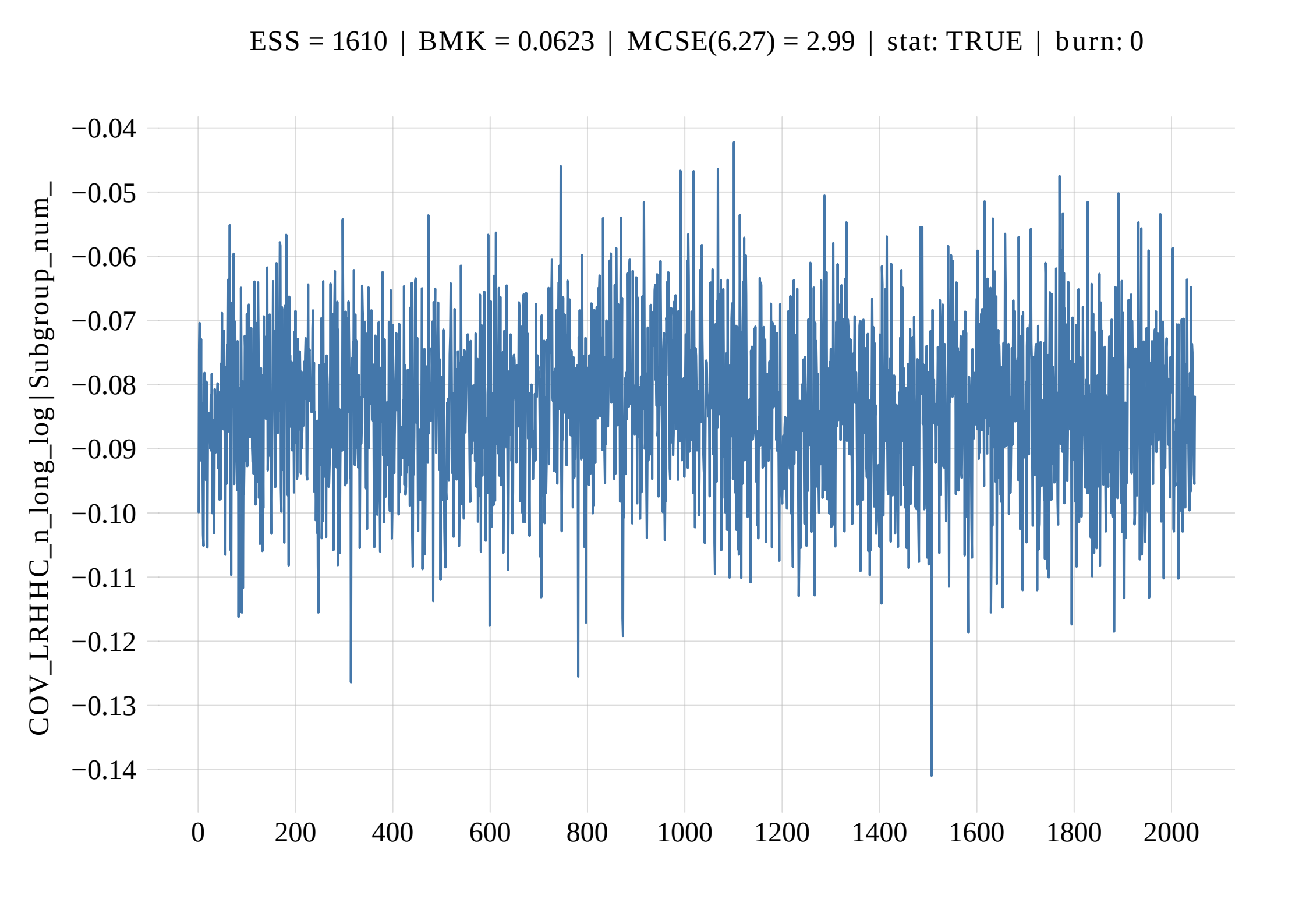

ESS = 2050 | BMK = 0.025 | MCSE(6.27) = 2.13 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log | TRAASCOR_neuro
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

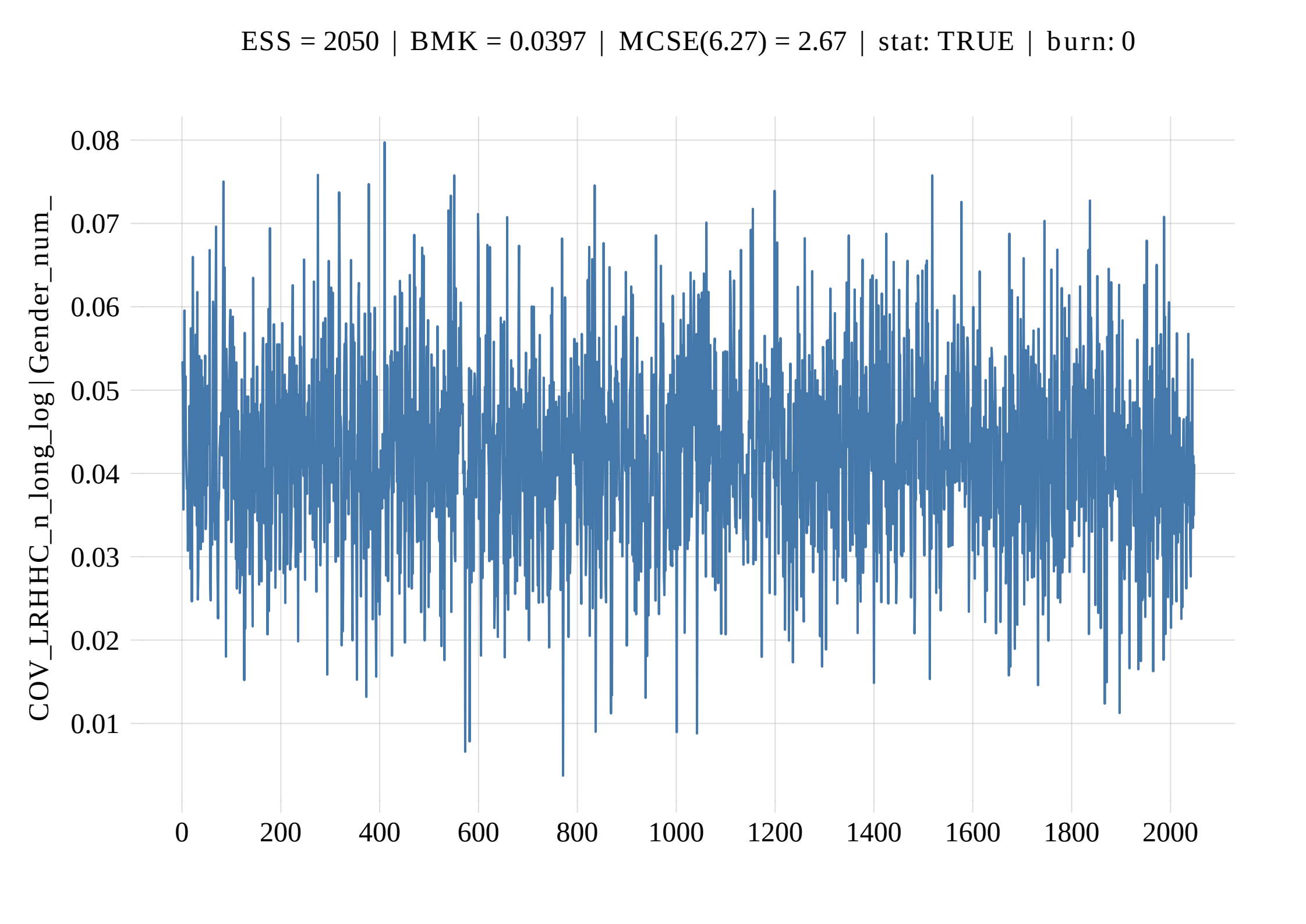

ESS = 2050 | BMK = 0.0499 | MCSE(6.27) = 2.07 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log|TRABSCOR_neuro
−2
−4
−6
−8
−10
−12
−14
−16
−18
0
200
400
600
800
1000
1200
1400
1600
1800
2000

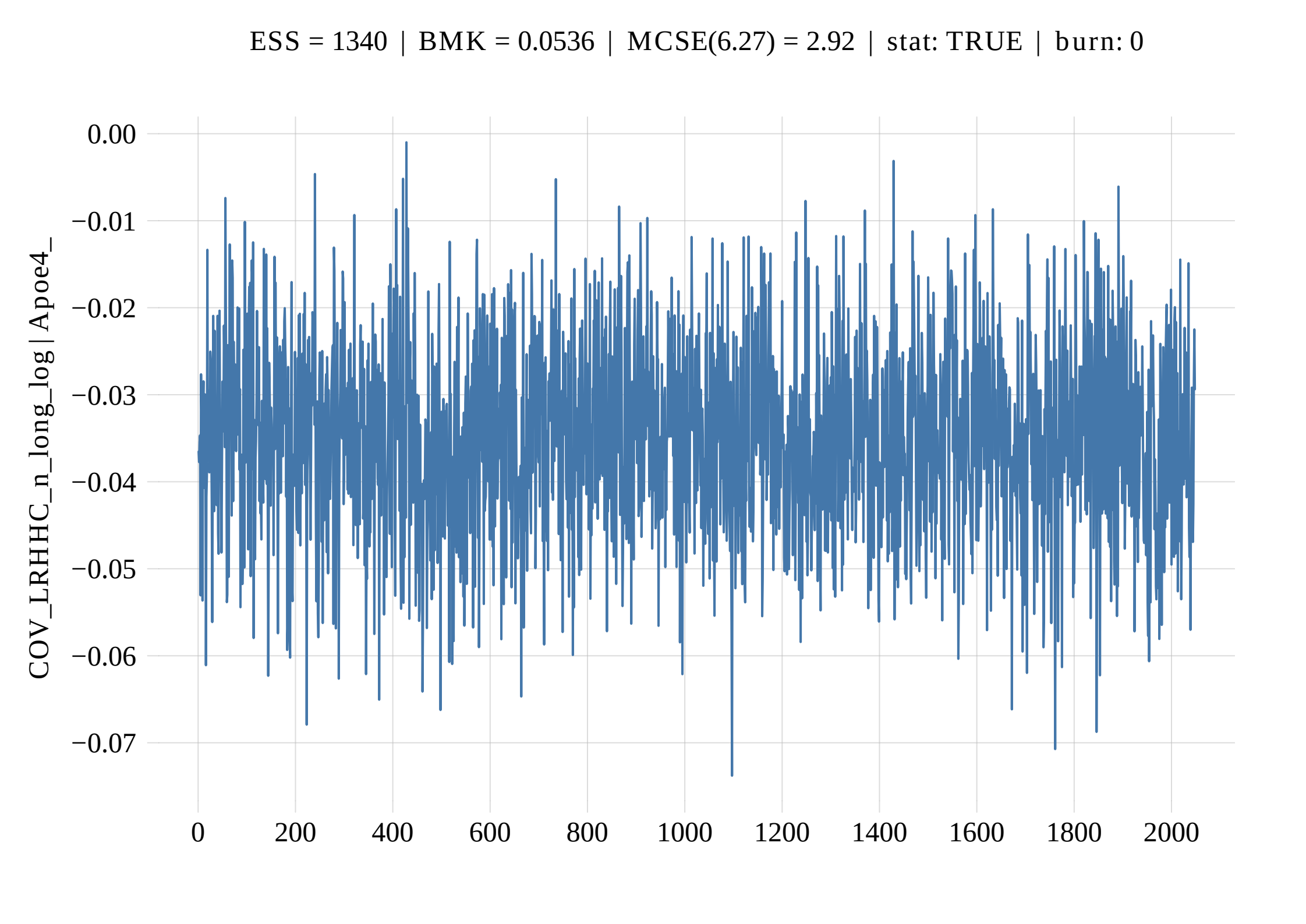

ESS = 2050 | BMK = 0.0374 | MCSE(6.27) = 2.63 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log|CATANIMSC_neuro
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0
200
400
600
800
1000
1200
1400
1600
1800
2000

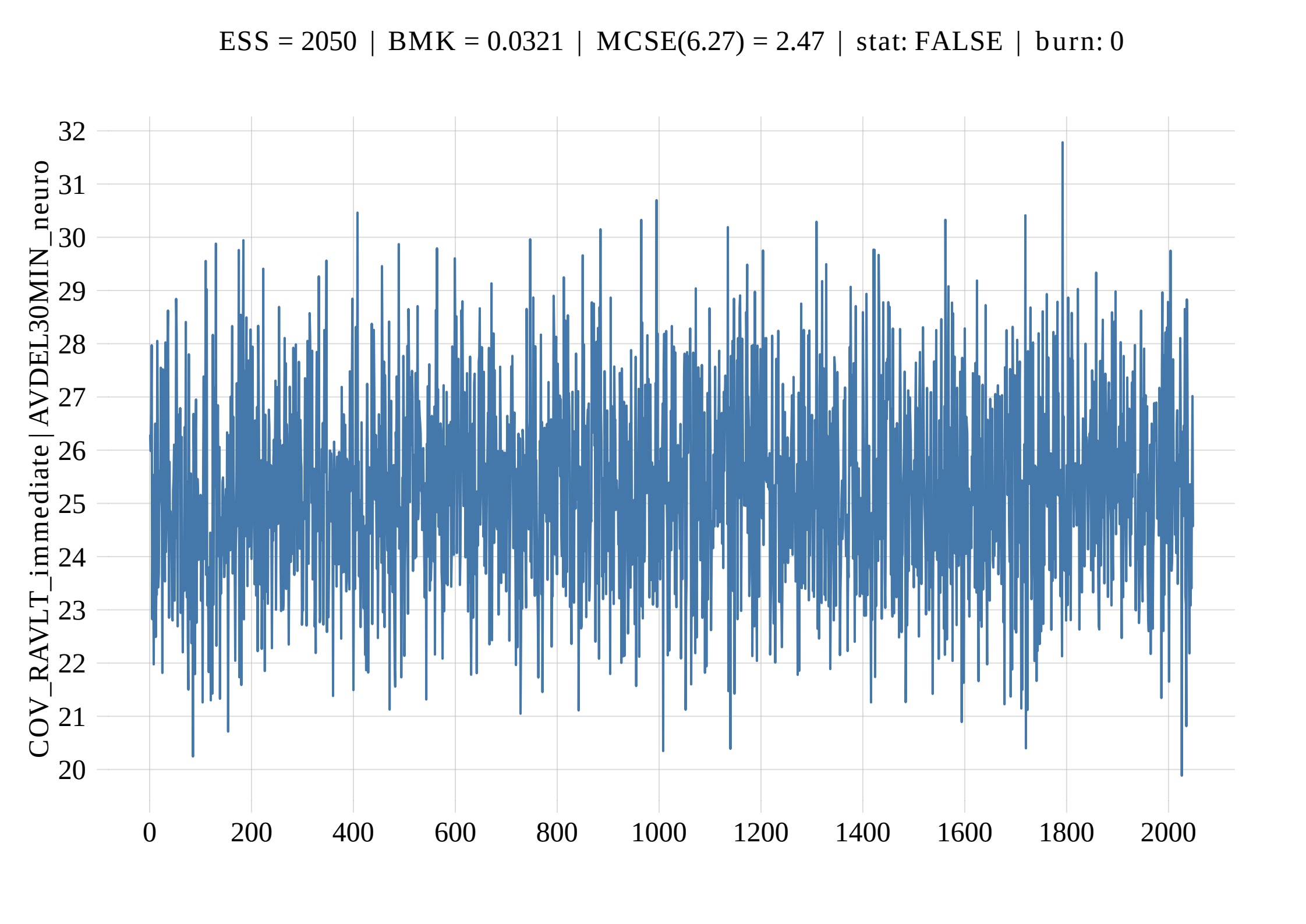

ESS = 1250 | BMK = 0.0407 | MCSE(6.27) = 3.37 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log|GDTOTAL_gds
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
−0.02
−0.04
0
200
400
600
800
1000
1200
1400
1600
1800
2000

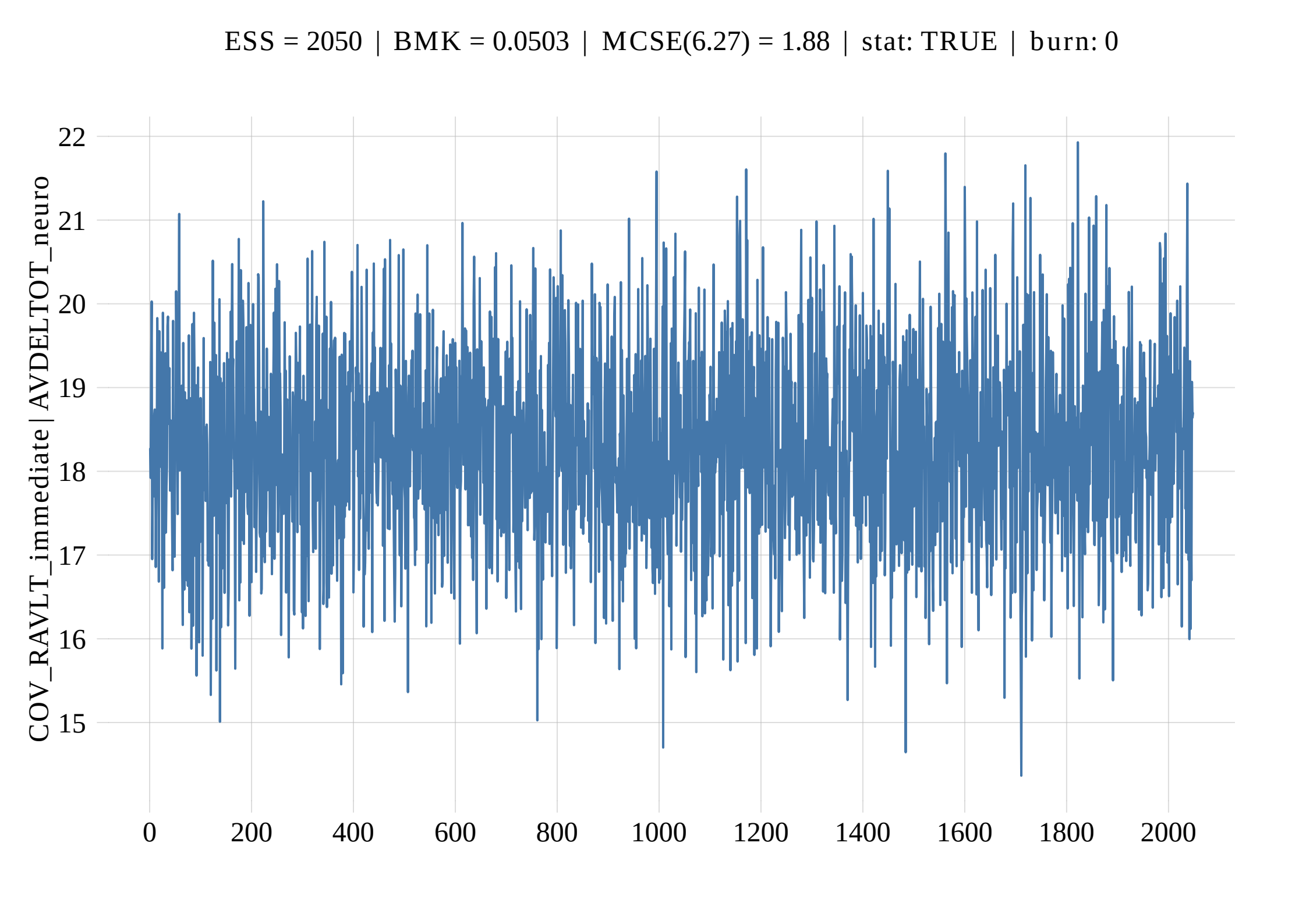

ESS = 2050 | BMK = 0.0493 | MCSE(6.27) = 2.64 | stat: FALSE | burn: 0
COV_LRHHC_n_long_log | ANARTERR_neuro
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
0
200
400
600
800
1000
1200
1400
1600
1800
2000

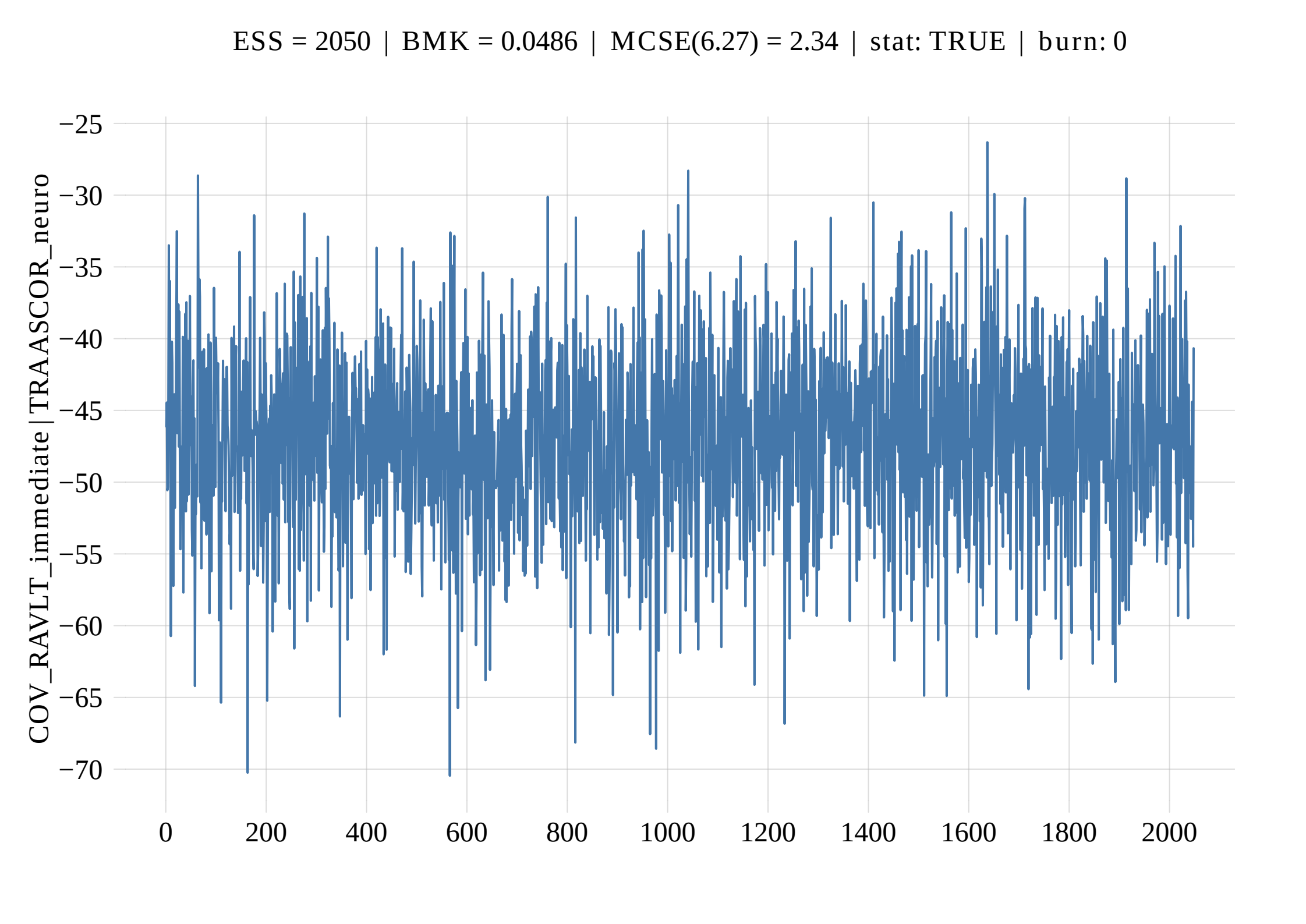

ESS = 1610 | BMK = 0.0623 | MCSE(6.27) = 2.99 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log | Subgroup_num_
−0.04
−0.05
−0.06
−0.07
−0.08
−0.09
−0.10
−0.11
−0.12
−0.13
−0.14
0
200
400
600
800
1000
1200
1400
1600
1800
2000

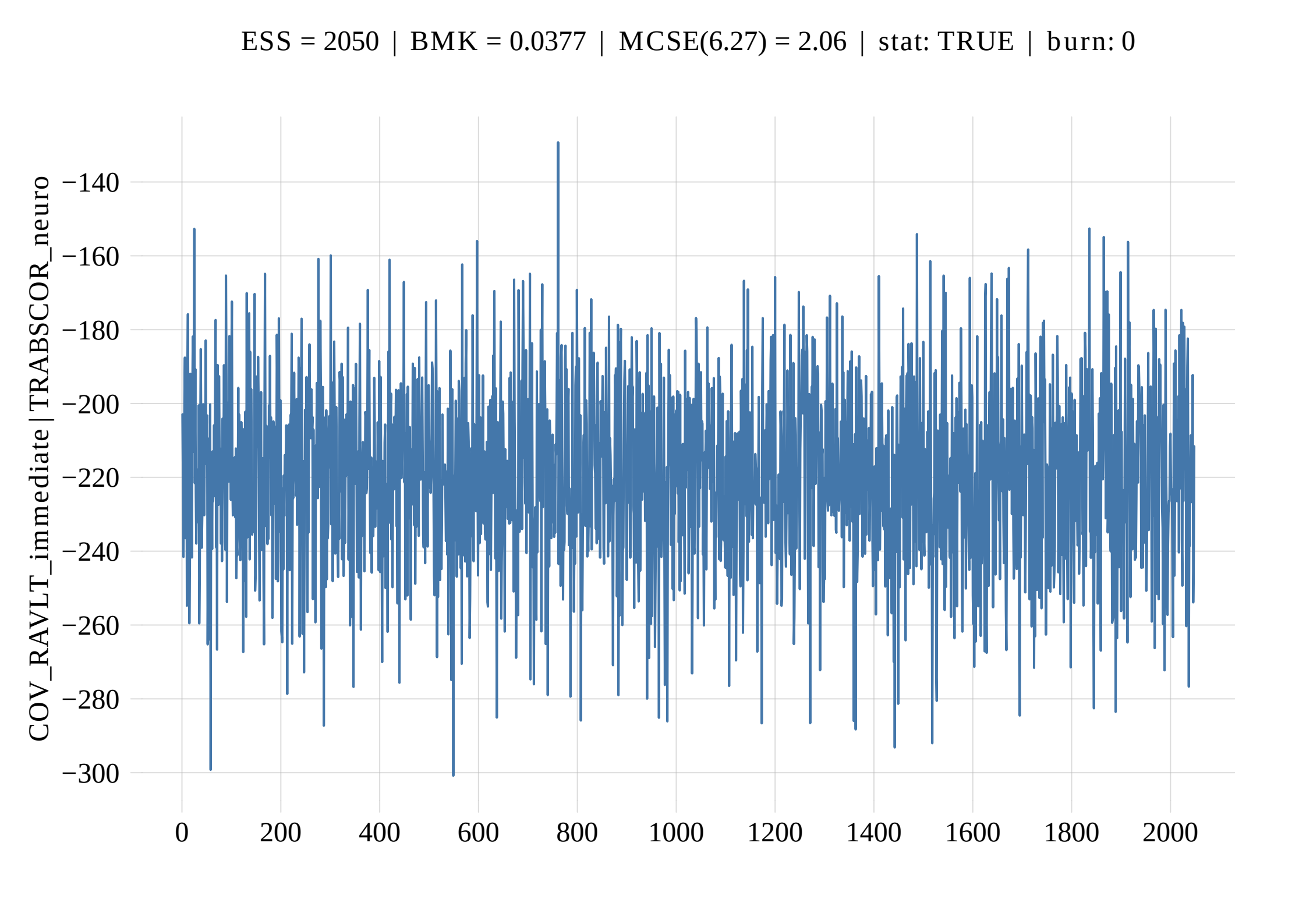

ESS = 2050 | BMK = 0.0397 | MCSE(6.27) = 2.67 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log|Gender_num_
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
200
400
600
800
1000
1200
1400
1600
1800
2000

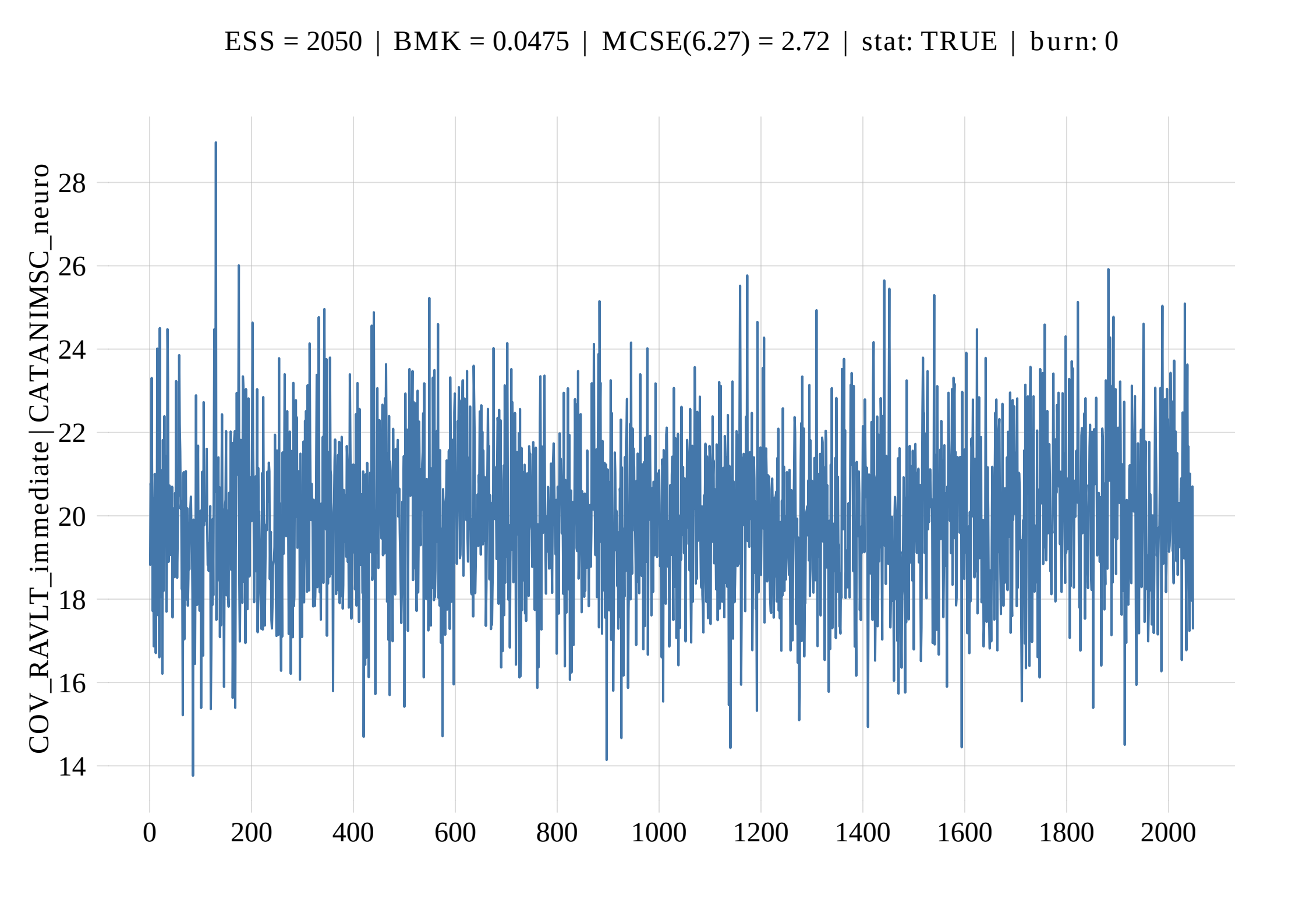

ESS = 1340 | BMK = 0.0536 | MCSE(6.27) = 2.92 | stat: TRUE | burn: 0
COV_LRHHC_n_long_log | Apoe4_
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
0
200
400
600
800
1000
1200
1400
1600
1800
2000

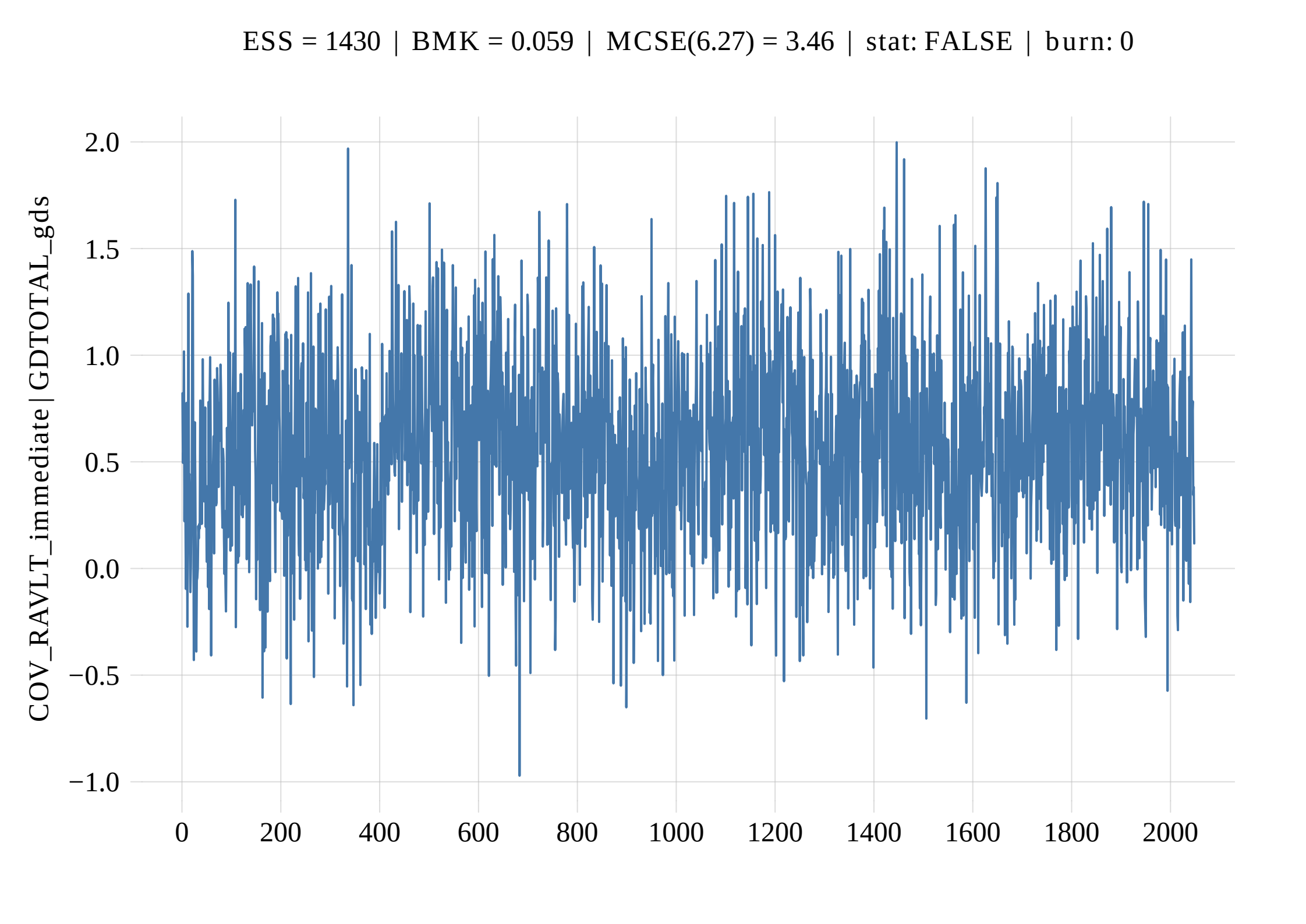

ESS = 2050 | BMK = 0.0321 | MCSE(6.27) = 2.47 | stat: FALSE | burn: 0
COV_RAVLT_immediate|AVDEL30MIN_neuro
32
31
30
29
28
27
26
25
24
23
22
21
20
0
200
400
600
800
1000
1200
1400
1600
1800
2000

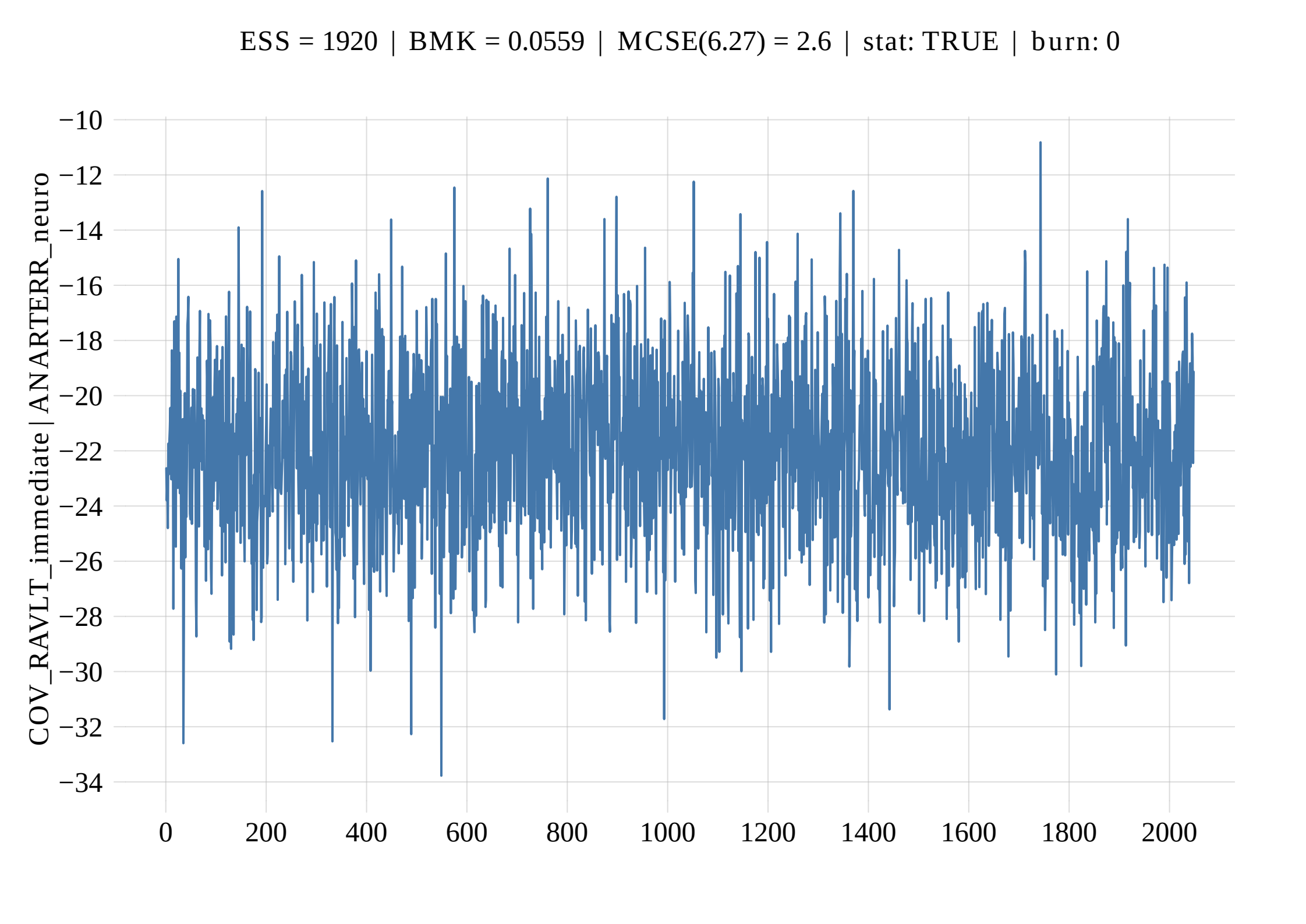

ESS = 2050 | BMK = 0.0503 | MCSE(6.27) = 1.88 | stat: TRUE | burn: 0
COV_RAVLT_immediate | AVDELTOT_neuro
22
21
20
19
18
17
16
15
0
200
400
600
800
1000
1200
1400
1600
1800
2000

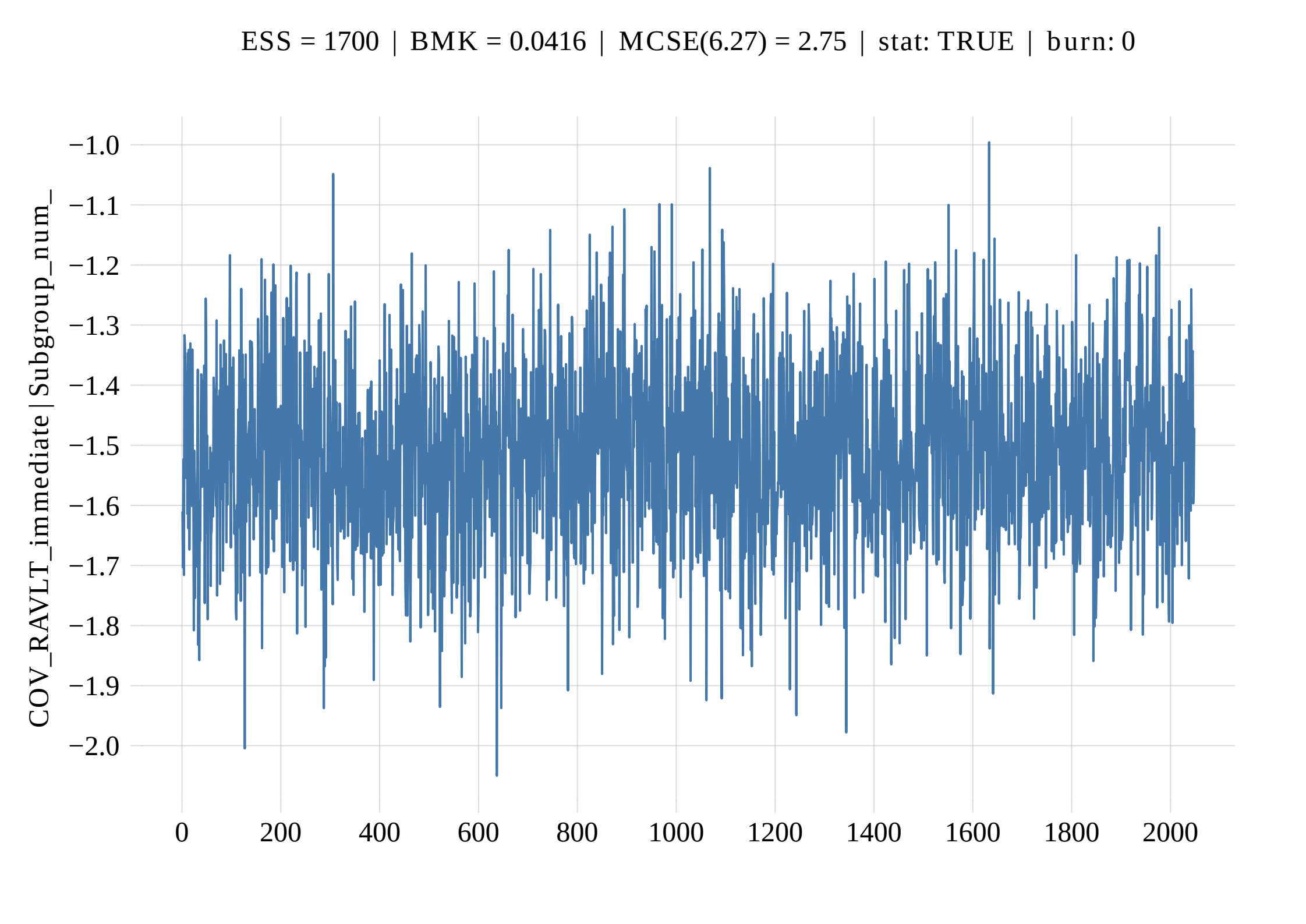

ESS = 2050 | BMK = 0.0486 | MCSE(6.27) = 2.34 | stat: TRUE | burn: 0
COV_RAVLT_immediate | TRAASCOR_neuro
−25
−30
−35
−40
−45
−50
−55
−60
−65
−70
0
200
400
600
800
1000
1200
1400
1600
1800
2000

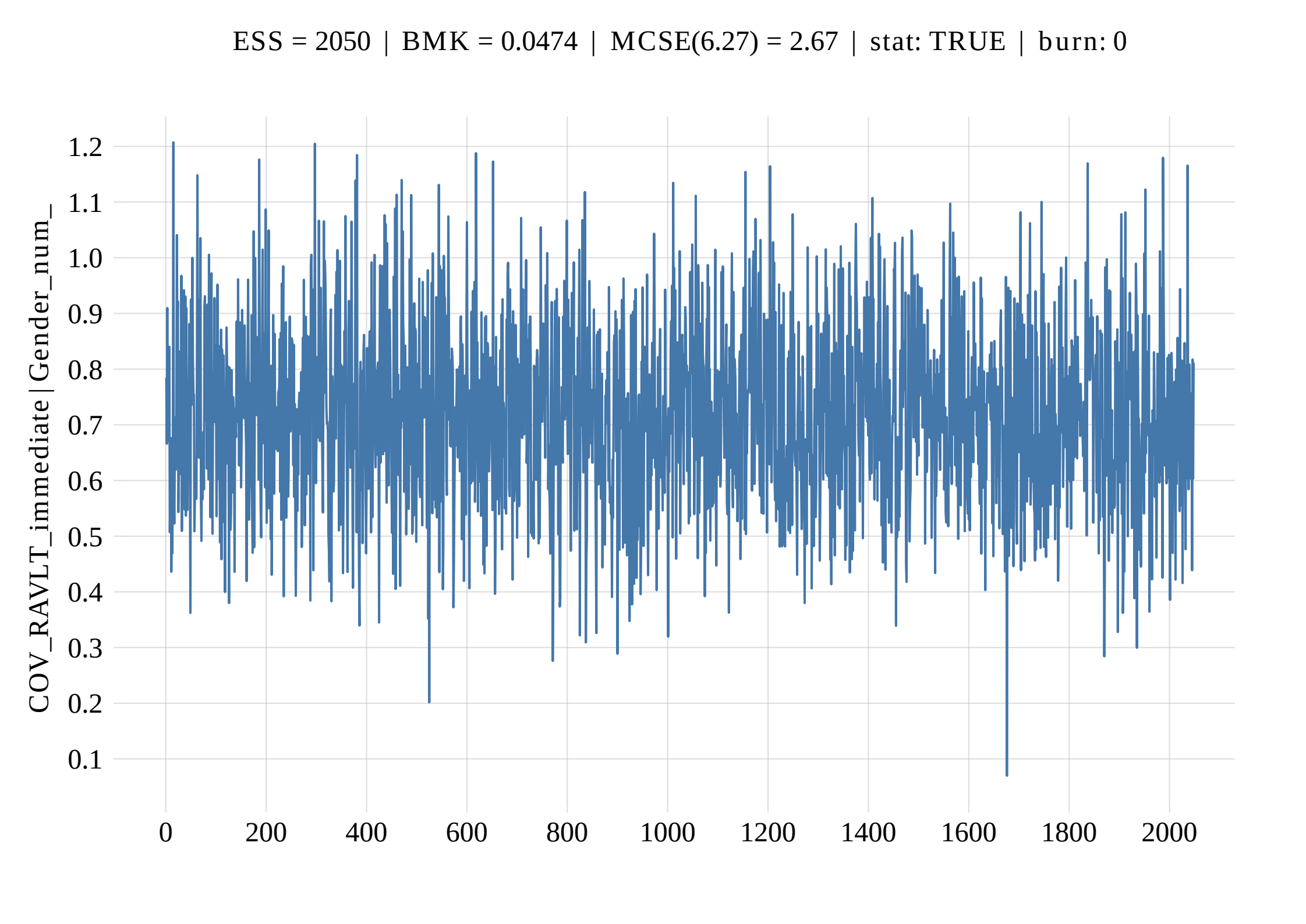

ESS = 2050 | BMK = 0.0377 | MCSE(6.27) = 2.06 | stat: TRUE | burn: 0
COV_RAVLT_immediate | TRABSCOR_neuro
−140
−160
−180
−200
−220
−240
−260
−280
−300
0
200
400
600
800
1000
1200
1400
1600
1800
2000

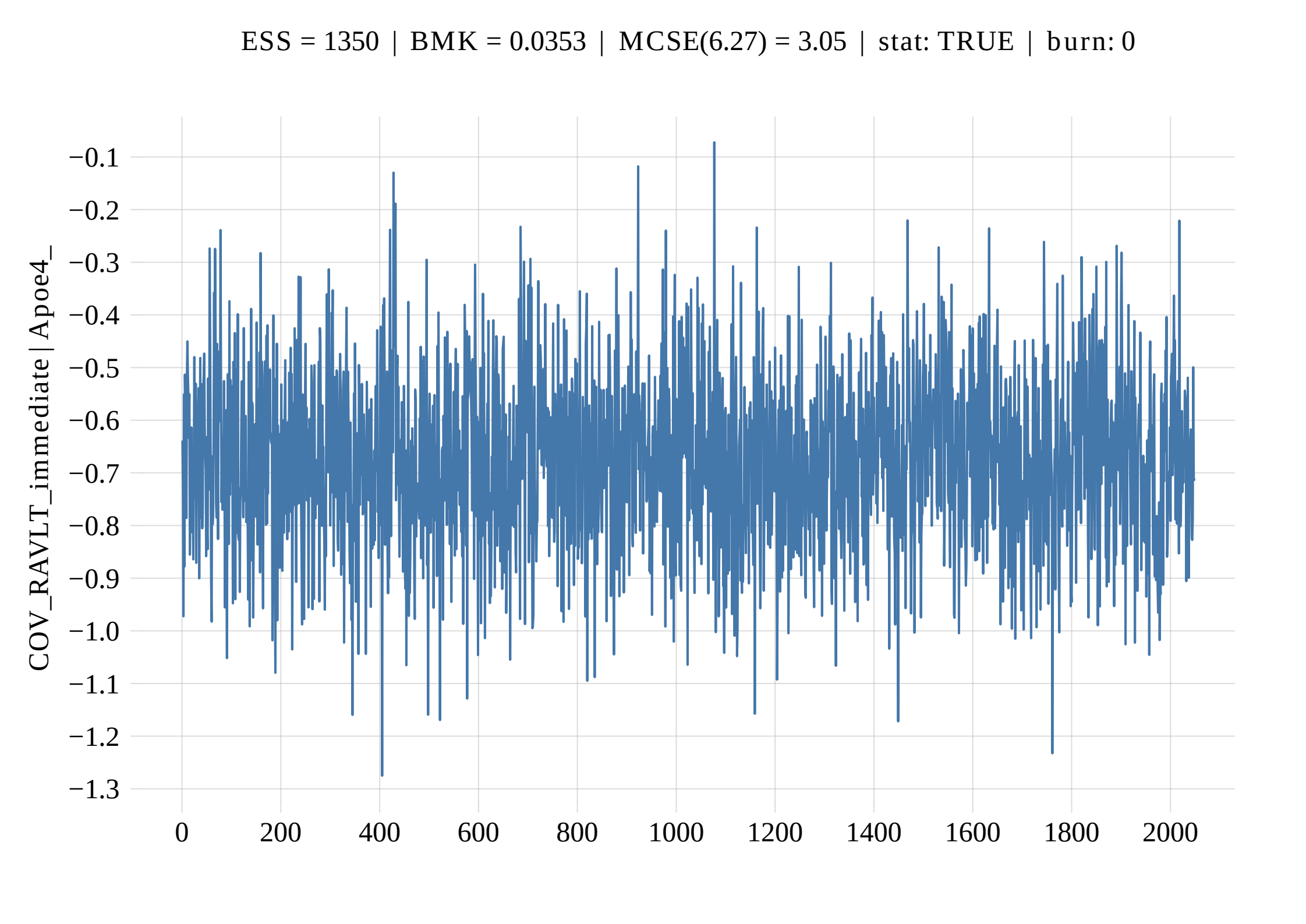

ESS = 2050 | BMK = 0.0475 | MCSE(6.27) = 2.72 | stat: TRUE | burn: 0
COV_RAVLT_immediate|CATANIMSC_neuro
28
26
24
22
20
18
16
14
0
200
400
600
800
1000
1200
1400
1600
1800
2000

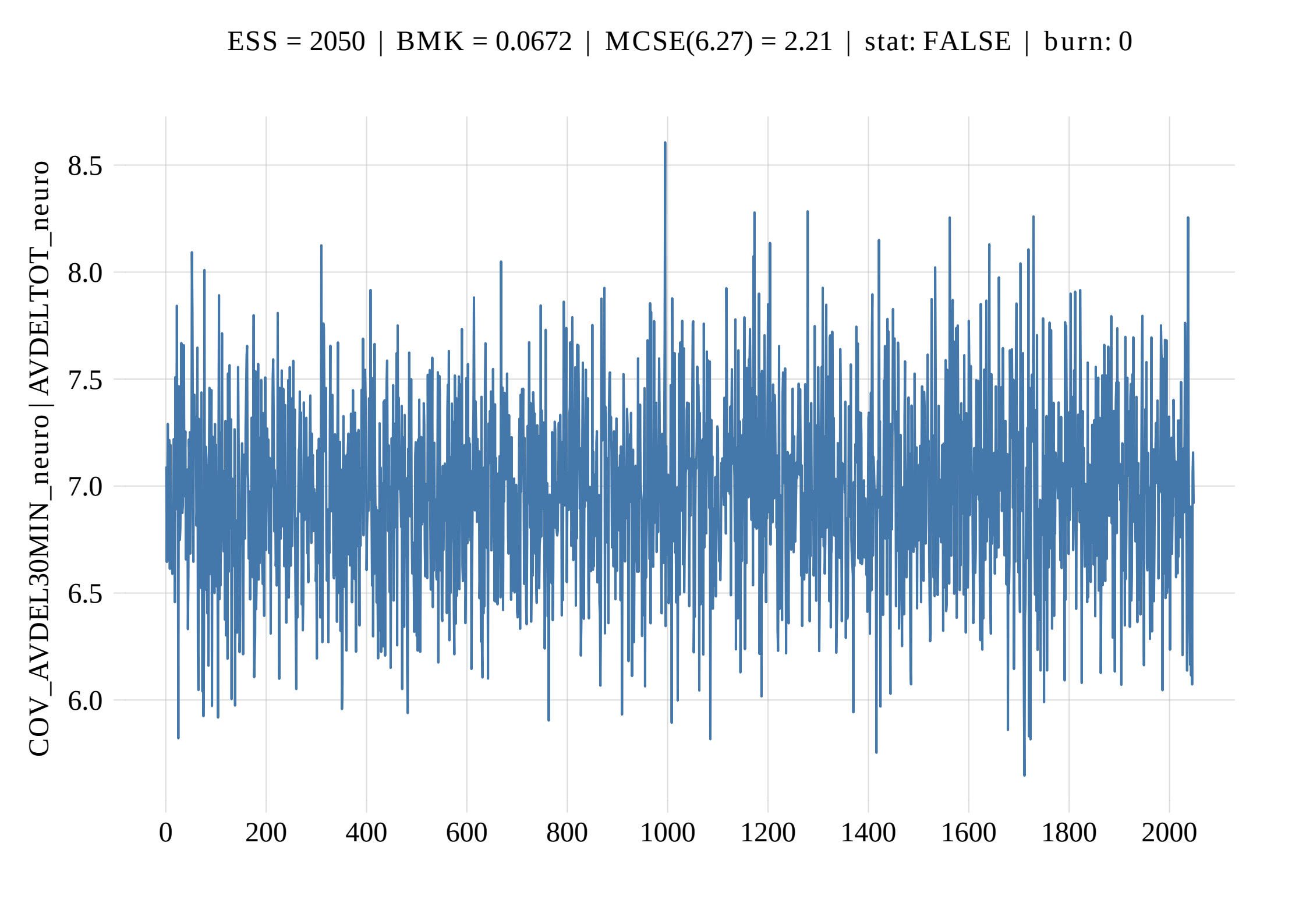

ESS = 1430 | BMK = 0.059 | MCSE(6.27) = 3.46 | stat: FALSE | burn: 0
COV_RAVLT_immediate | GDTOTAL_gds
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

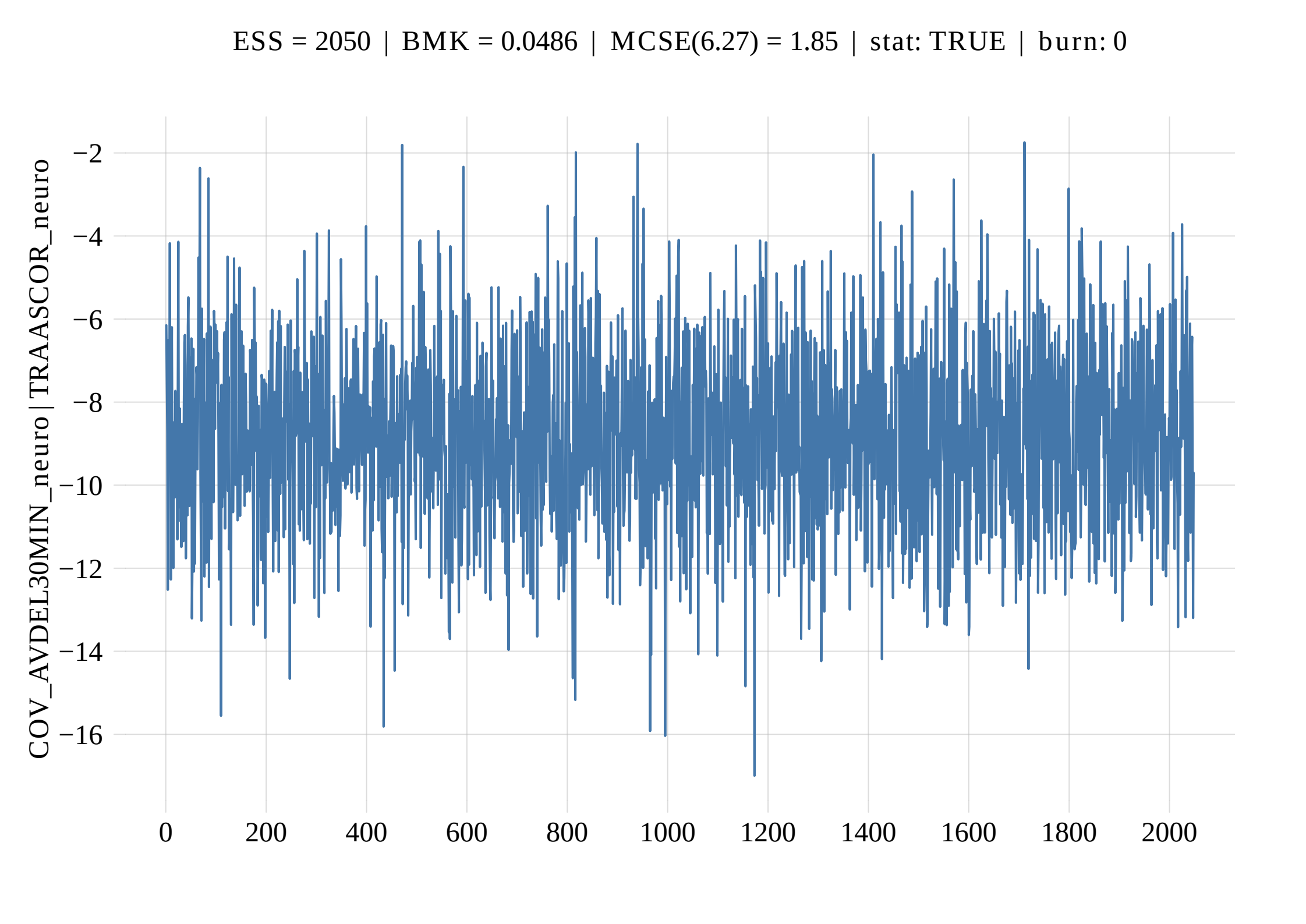

ESS = 1920 | BMK = 0.0559 | MCSE(6.27) = 2.6 | stat: TRUE | burn: 0
COV_RAVLT_immediate | ANARTERR_neuro
−10
−12
−14
−16
−18
−20
−22
−24
−26
−28
−30
−32
−34
0
200
400
600
800
1000
1200
1400
1600
1800
2000

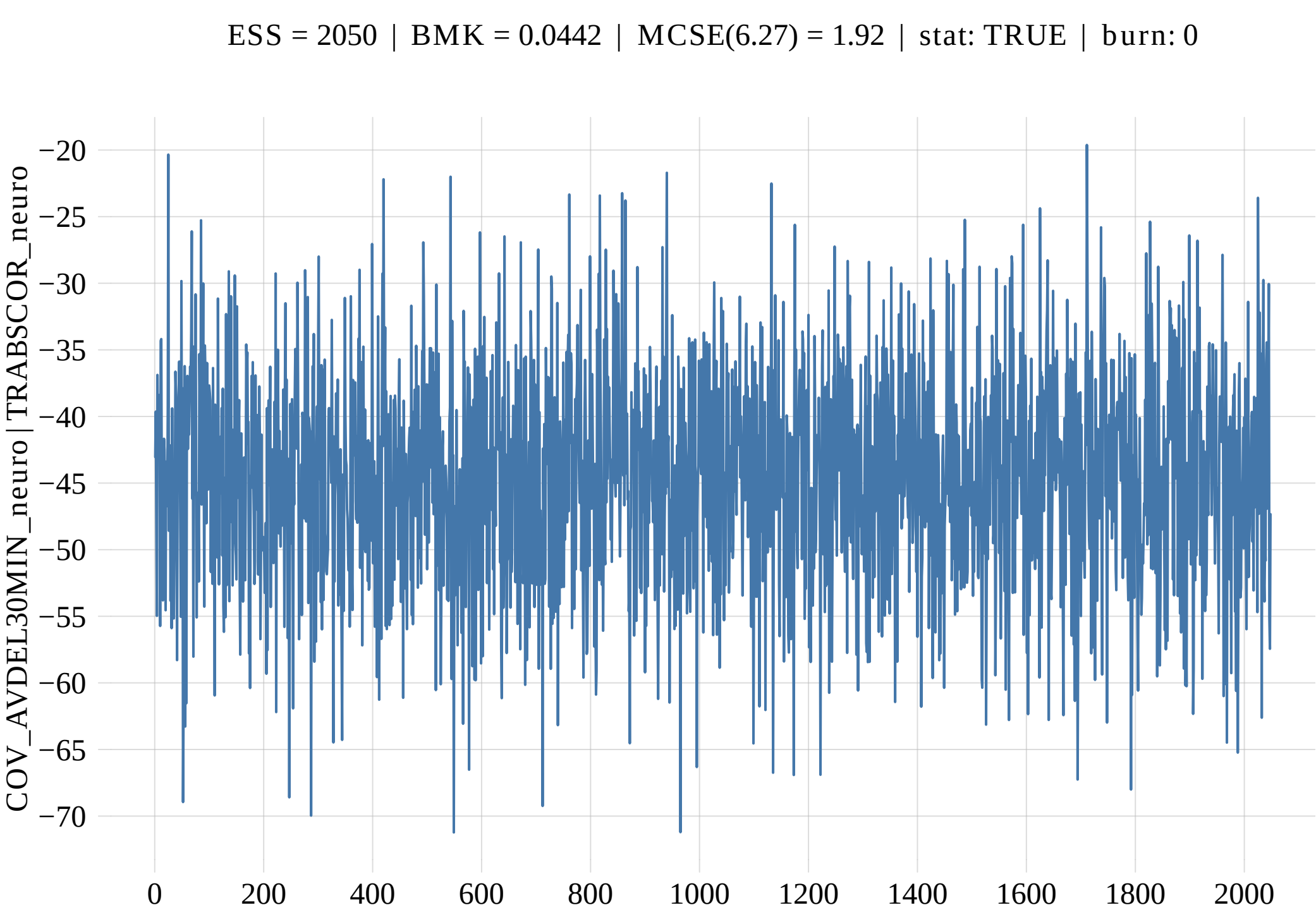

ESS = 1700 | BMK = 0.0416 | MCSE(6.27) = 2.75 | stat: TRUE | burn: 0
COV_RAVLT_immediate | Subgroup_num_
−1.0
−1.1
−1.2
−1.3
−1.4
−1.5
−1.6
−1.7
−1.8
−1.9
−2.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

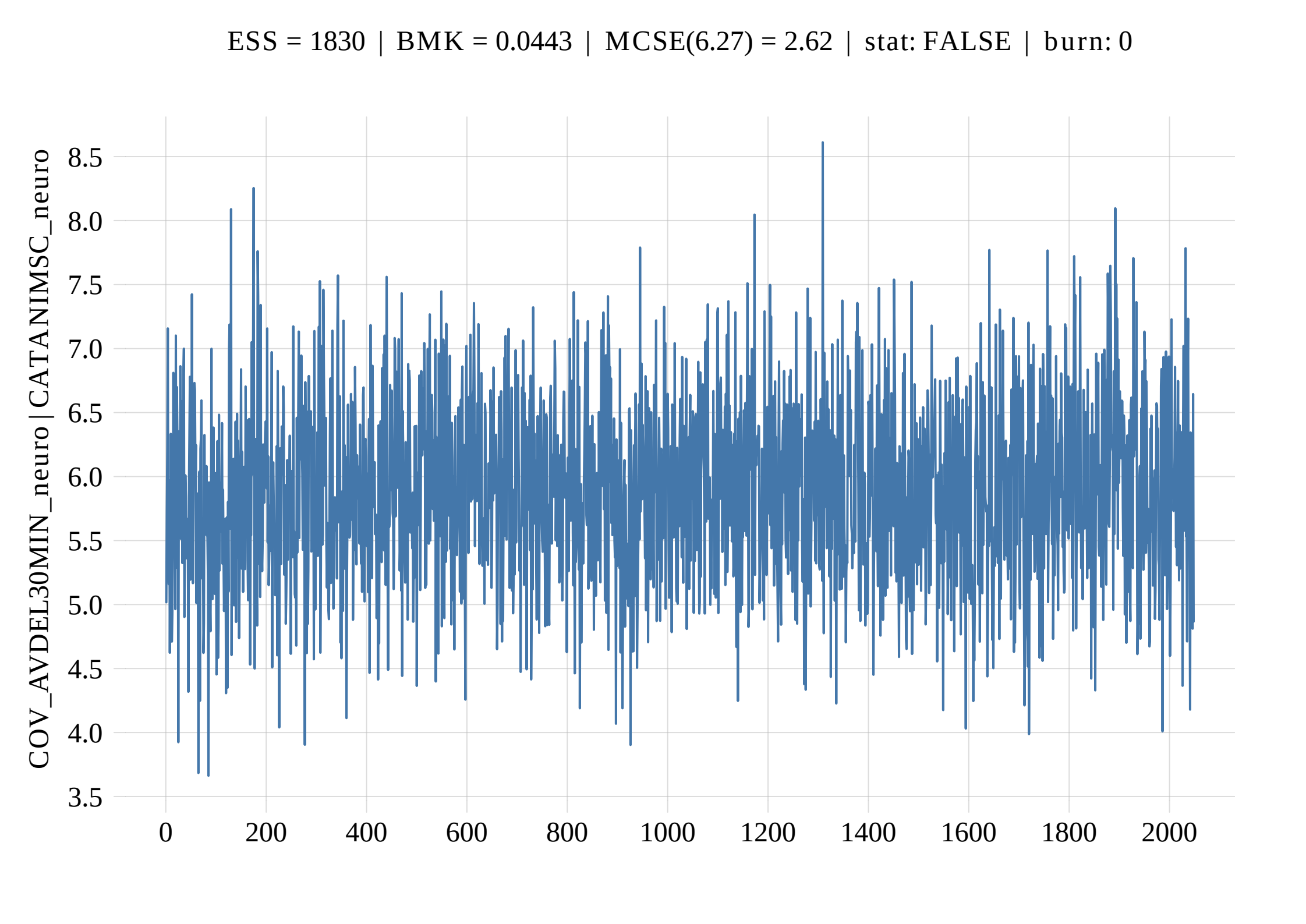

ESS = 2050 | BMK = 0.0474 | MCSE(6.27) = 2.67 | stat: TRUE | burn: 0
COV_RAVLT_immediate|Gender_num_
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
200
400
600
800
1000
1200
1400
1600
1800
2000

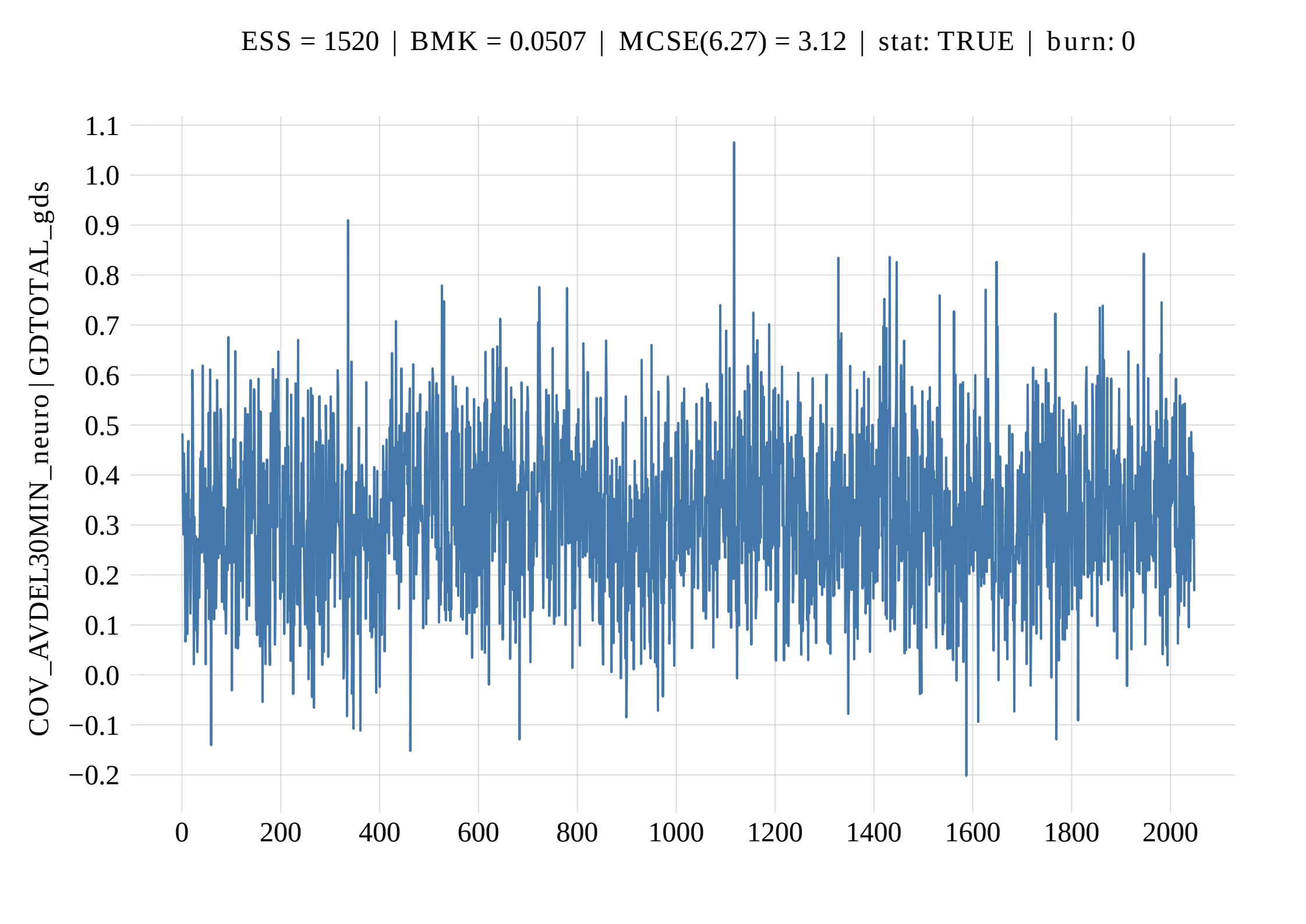

ESS = 1350 | BMK = 0.0353 | MCSE(6.27) = 3.05 | stat: TRUE | burn: 0
COV_RAVLT_immediate | Apoe4_
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
−0.8
−0.9
−1.0
−1.1
−1.2
−1.3
0
200
400
600
800
1000
1200
1400
1600
1800
2000

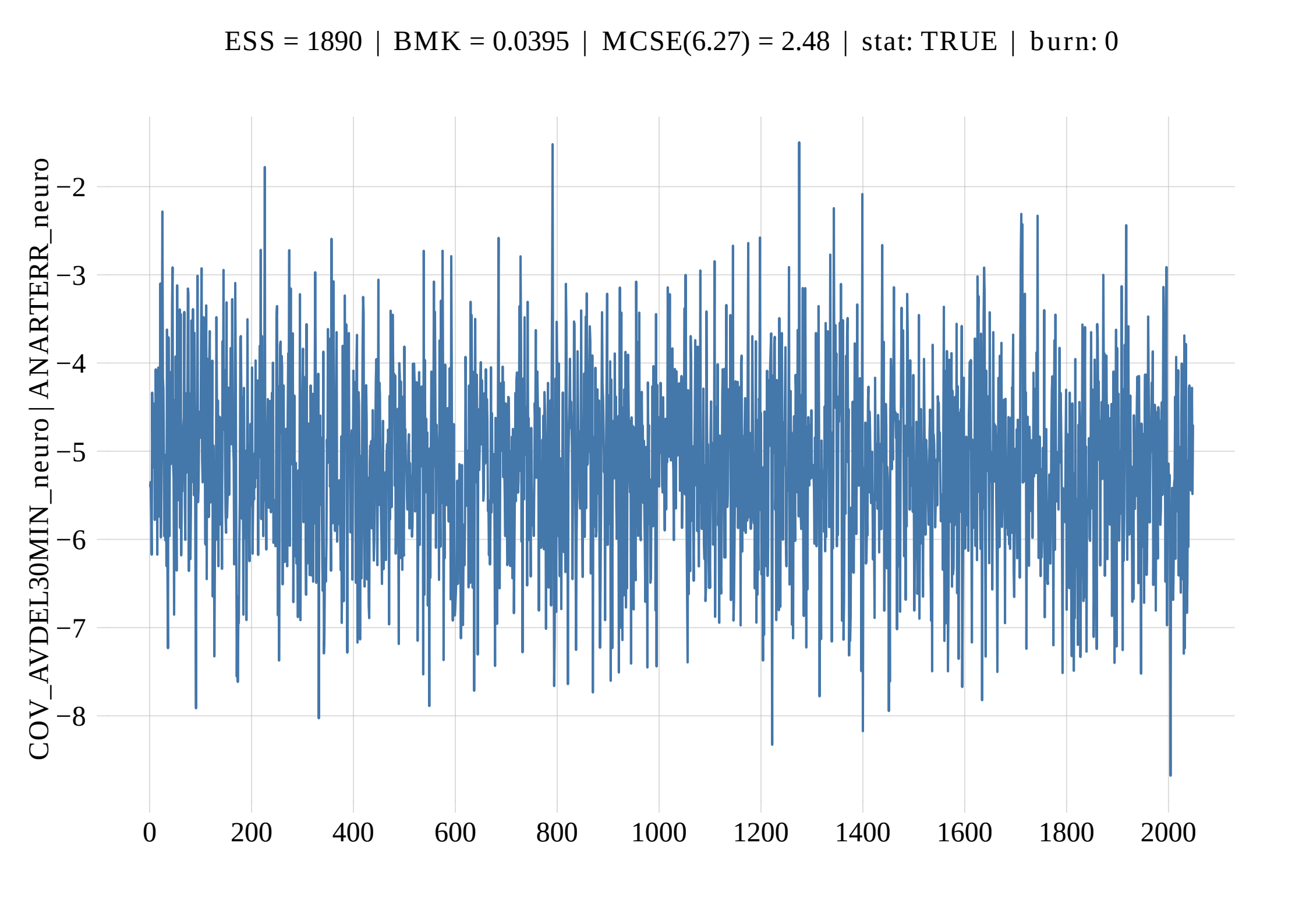

ESS = 2050 | BMK = 0.0672 | MCSE(6.27) = 2.21 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | AVDELTOT_neuro
8.5
8.0
7.5
7.0
6.5
6.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

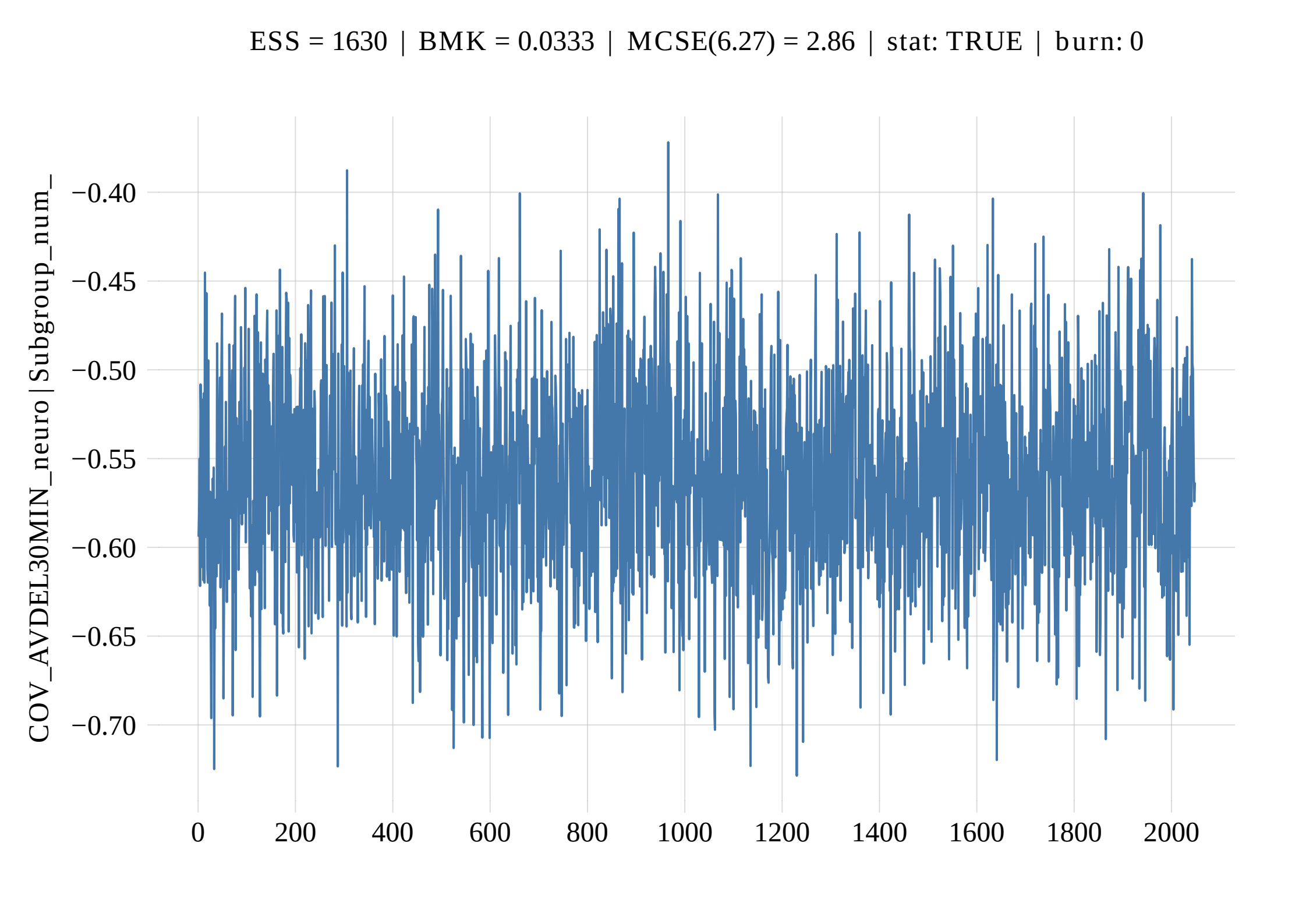

ESS = 2050 | BMK = 0.0486 | MCSE(6.27) = 1.85 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | TRAASCOR_neuro
−2
−4
−6
−8
−10
−12
−14
−16
0
200
400
600
800
1000
1200
1400
1600
1800
2000

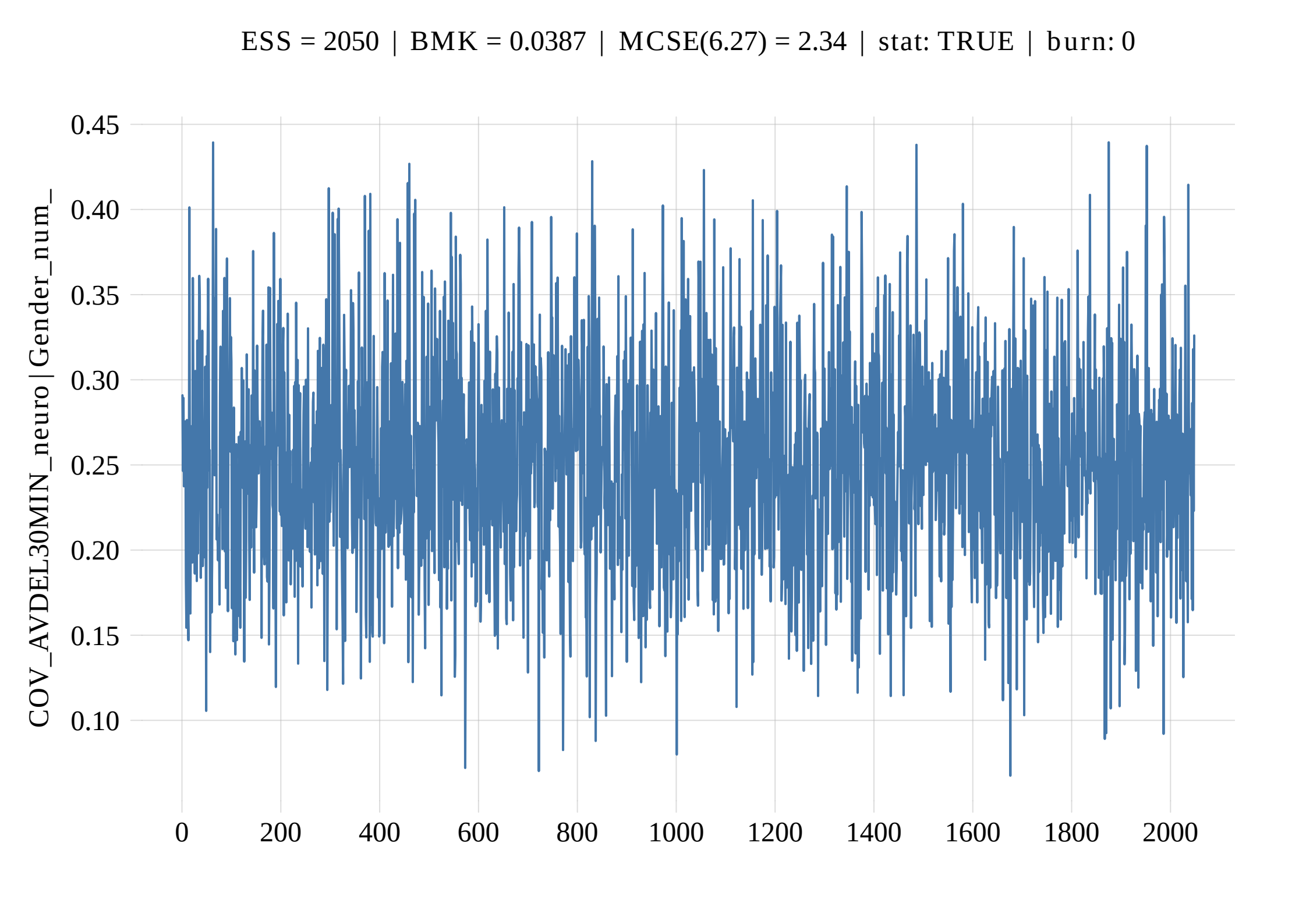

ESS = 2050 | BMK = 0.0442 | MCSE(6.27) = 1.92 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | TRABSCOR_neuro
−20
−25
−30
−35
−40
−45
−50
−55
−60
−65
−70
0
200
400
600
800
1000
1200
1400
1600
1800
2000

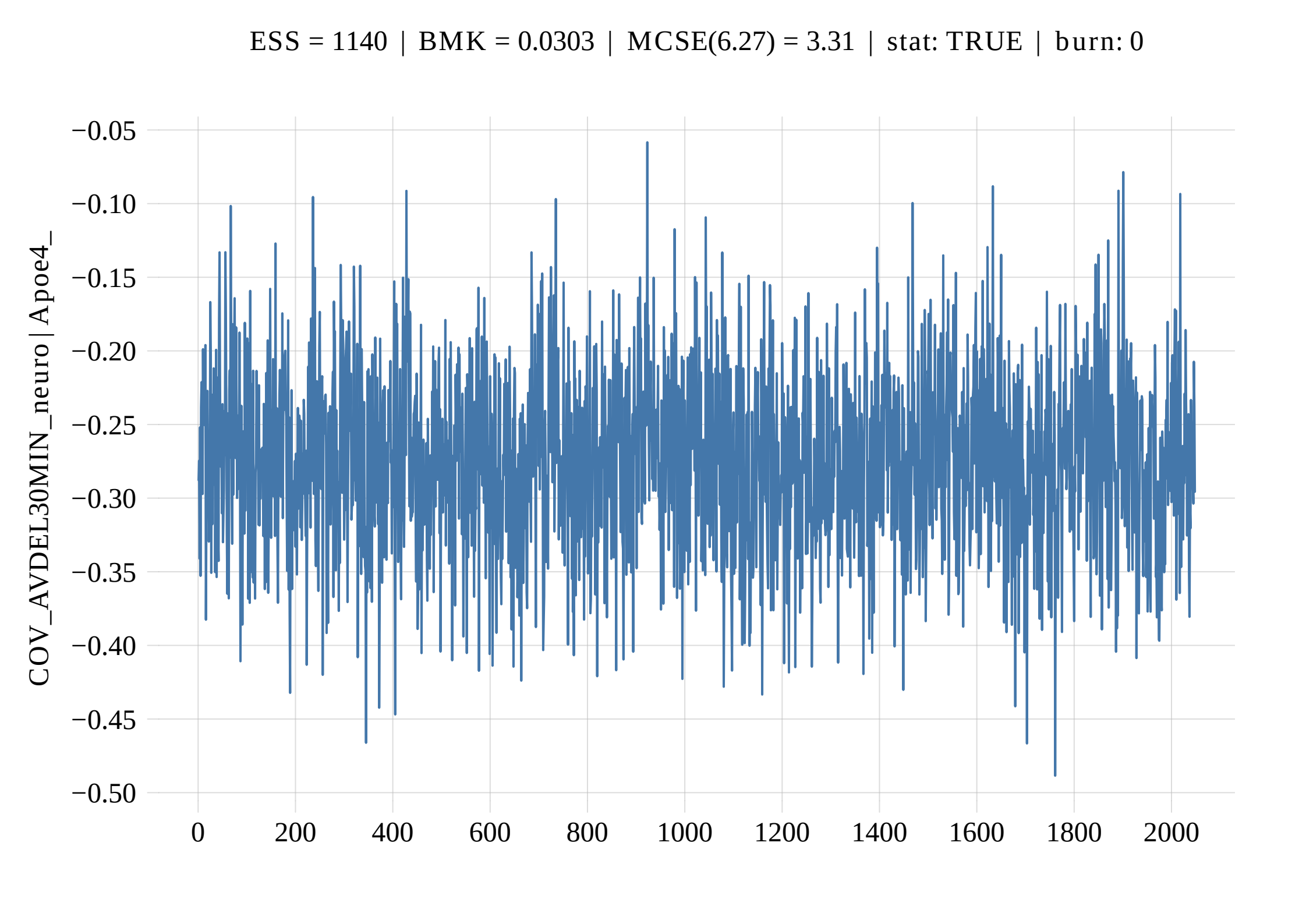

ESS = 1830 | BMK = 0.0443 | MCSE(6.27) = 2.62 | stat: FALSE | burn: 0
COV_AVDEL30MIN_neuro | CATANIMSC_neuro
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

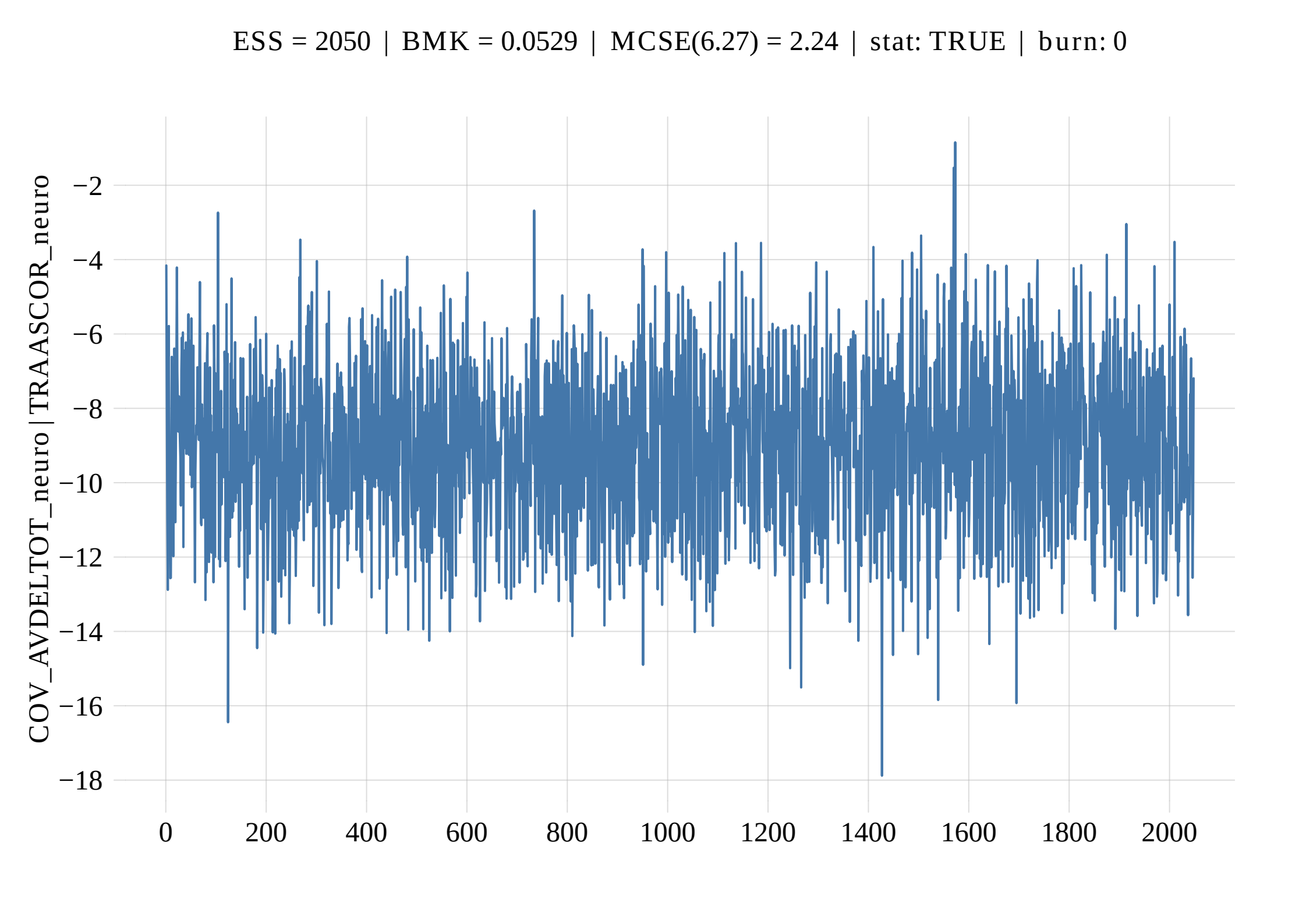

ESS = 1520 | BMK = 0.0507 | MCSE(6.27) = 3.12 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|GDTOTAL_gds
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200
1400
1600
1800
2000

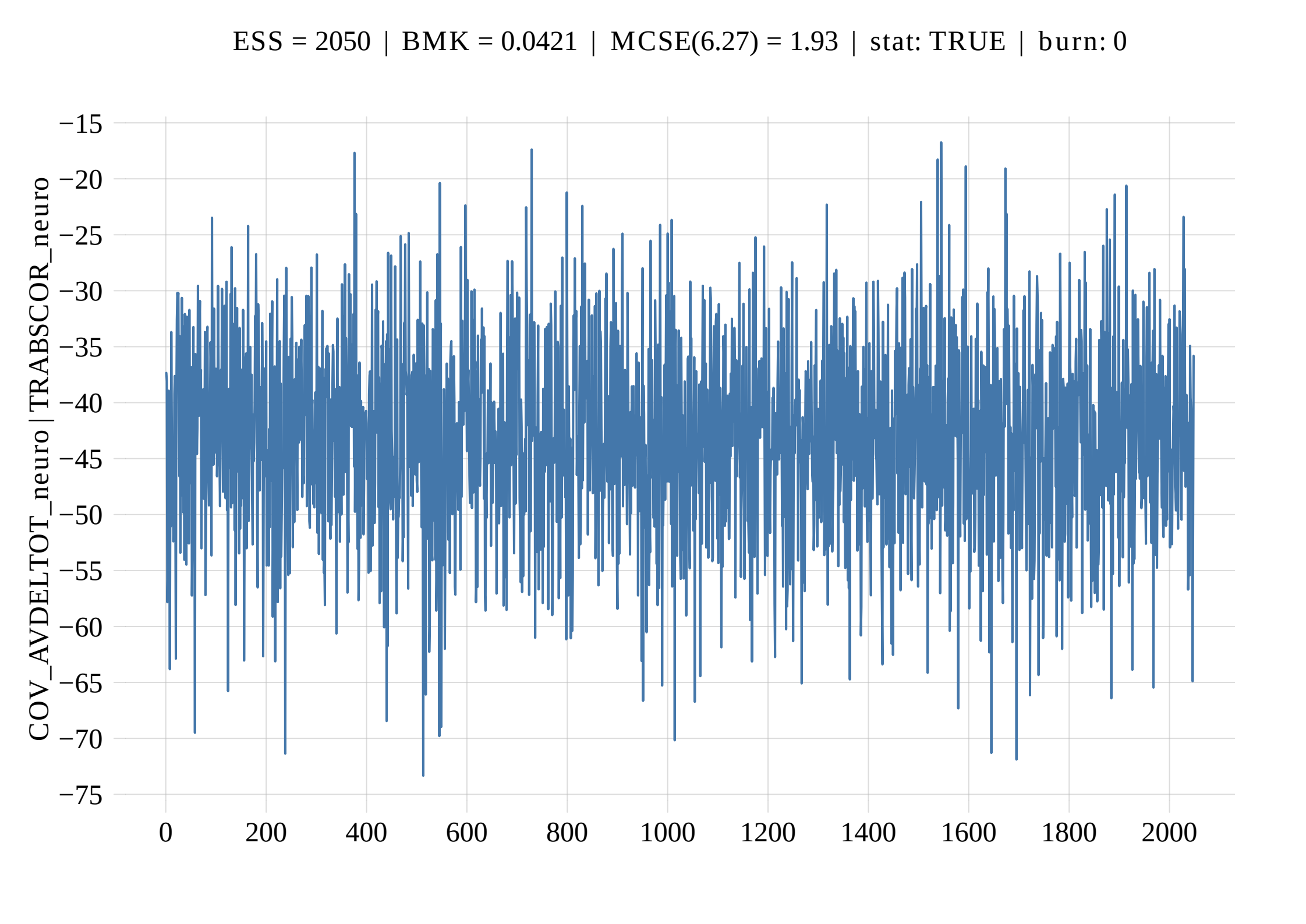

ESS = 1890 | BMK = 0.0395 | MCSE(6.27) = 2.48 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro | ANARTERR_neuro
−2
−3
−4
−5
−6
−7
−8
0
200
400
600
800
1000
1200
1400
1600
1800
2000

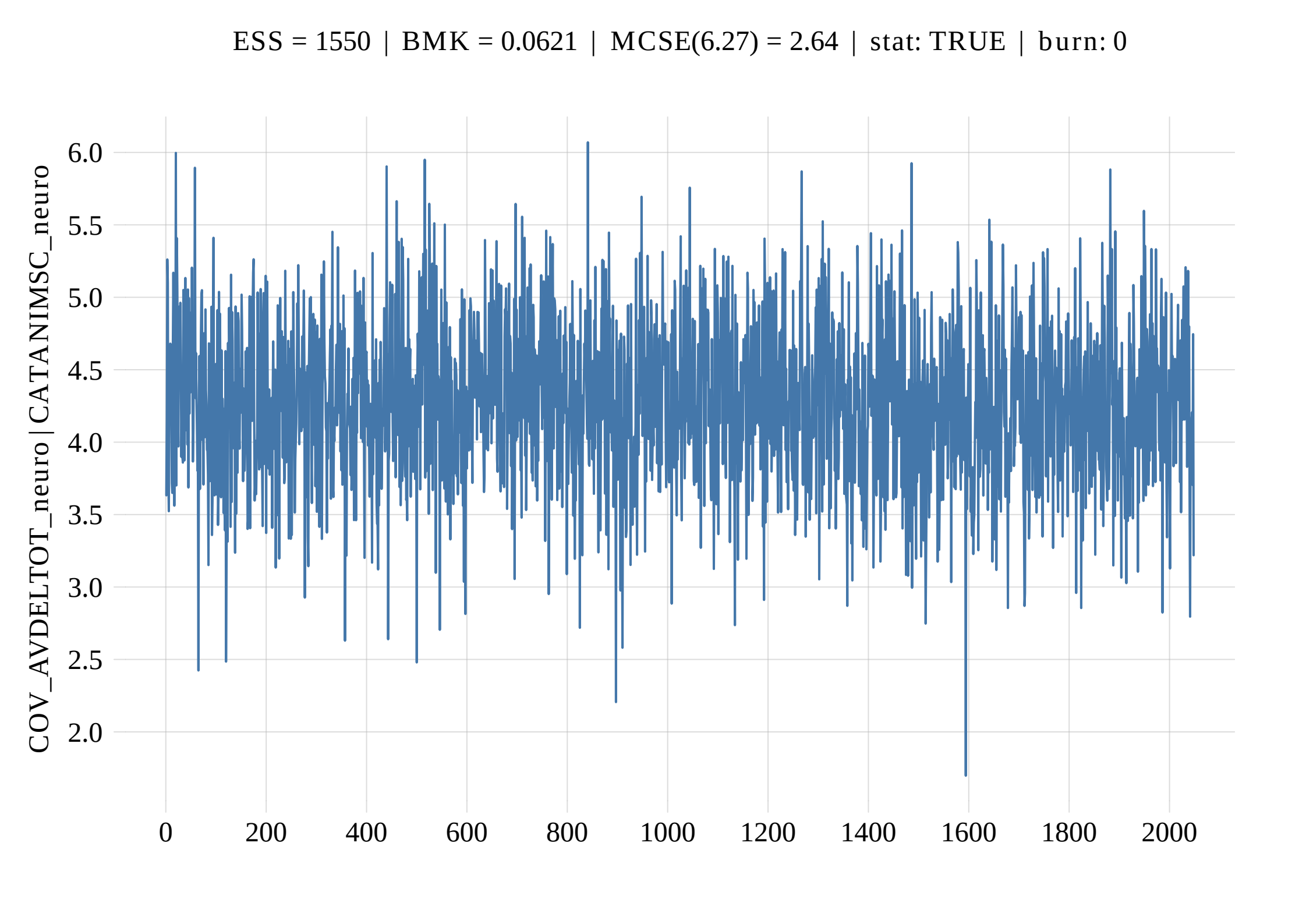

ESS = 1630 | BMK = 0.0333 | MCSE(6.27) = 2.86 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|Subgroup_num_
−0.40
−0.45
−0.50
−0.55
−0.60
−0.65
−0.70
0
200
400
600
800
1000
1200
1400
1600
1800
2000

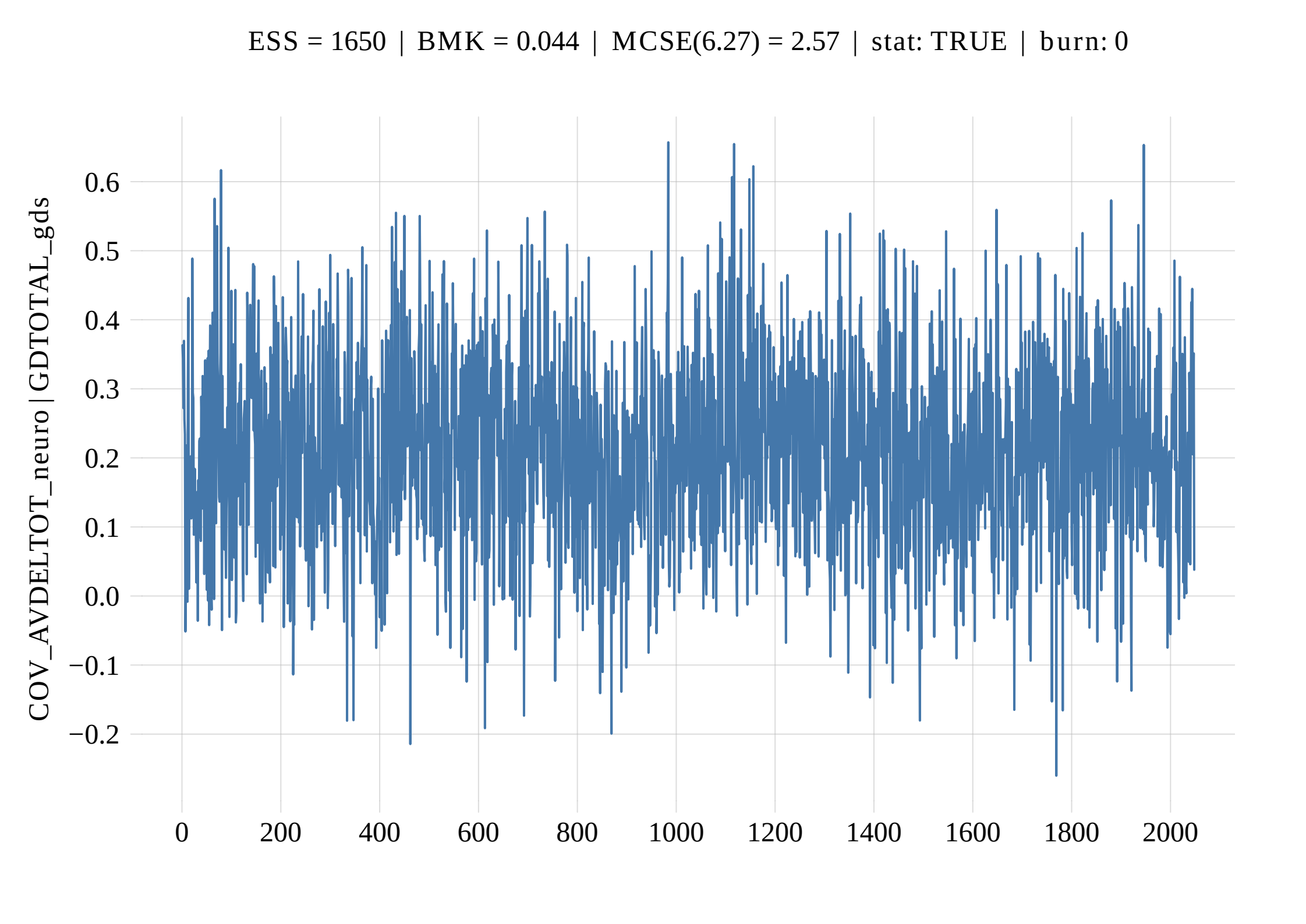

ESS = 2050 | BMK = 0.0387 | MCSE(6.27) = 2.34 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|Gender_num_
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0
200
400
600
800
1000
1200
1400
1600
1800
2000

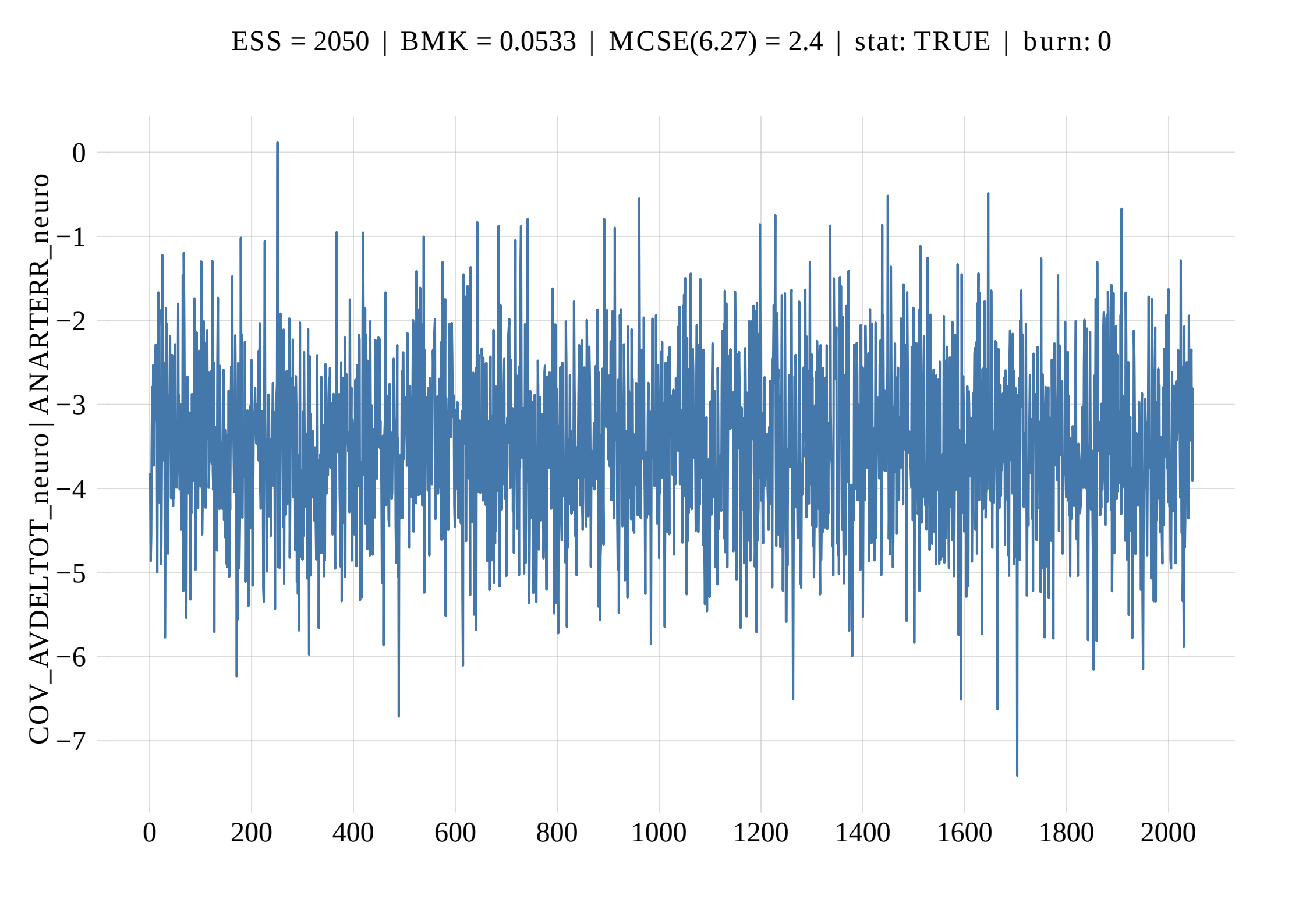

ESS = 1140 | BMK = 0.0303 | MCSE(6.27) = 3.31 | stat: TRUE | burn: 0
COV_AVDEL30MIN_neuro|Apoe4_
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
0
200
400
600
800
1000
1200
1400
1600
1800
2000

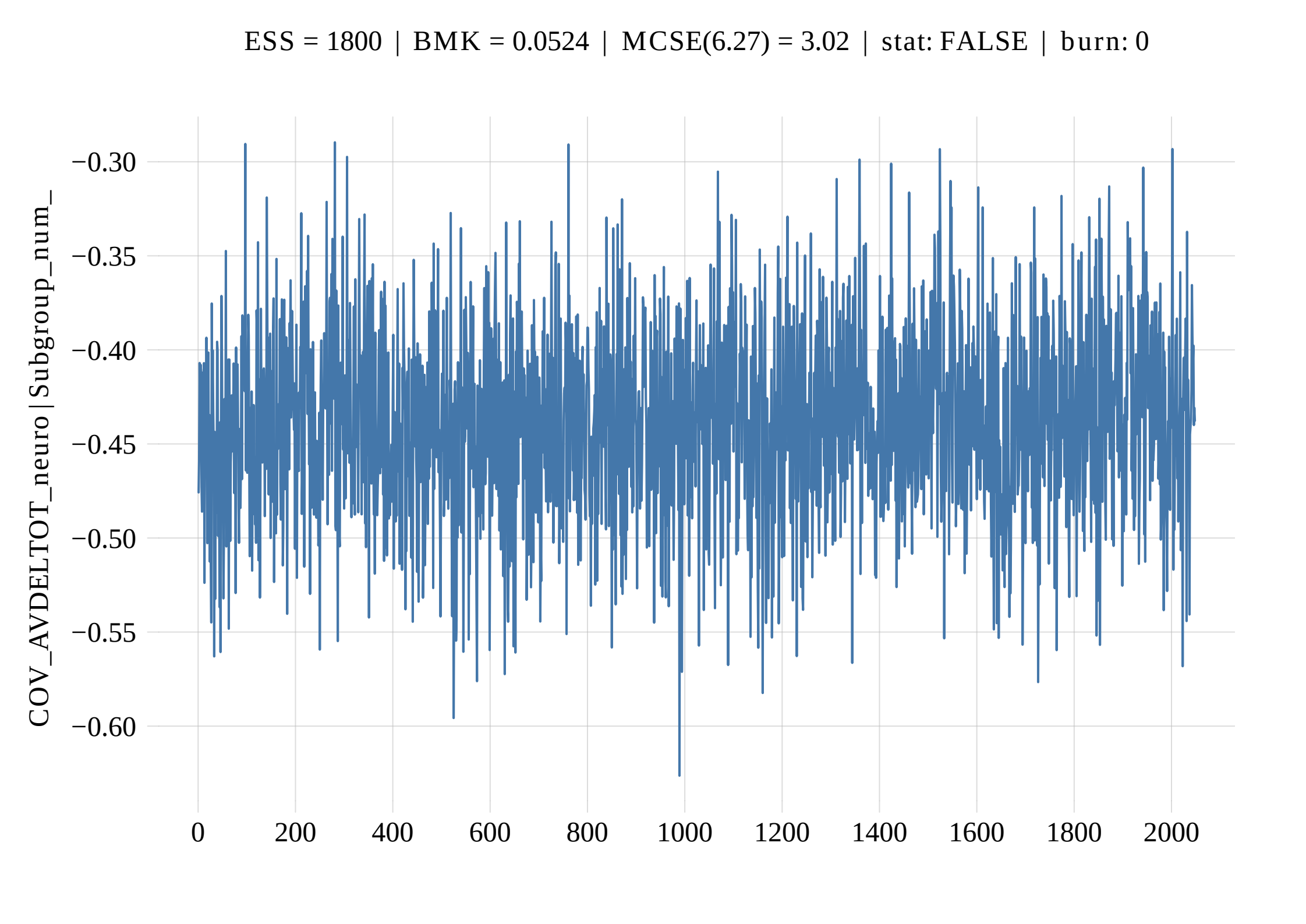

ESS = 2050 | BMK = 0.0529 | MCSE(6.27) = 2.24 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | TRAASCOR_neuro
−2
−4
−6
−8
−10
−12
−14
−16
−18
0
200
400
600
800
1000
1200
1400
1600
1800
2000

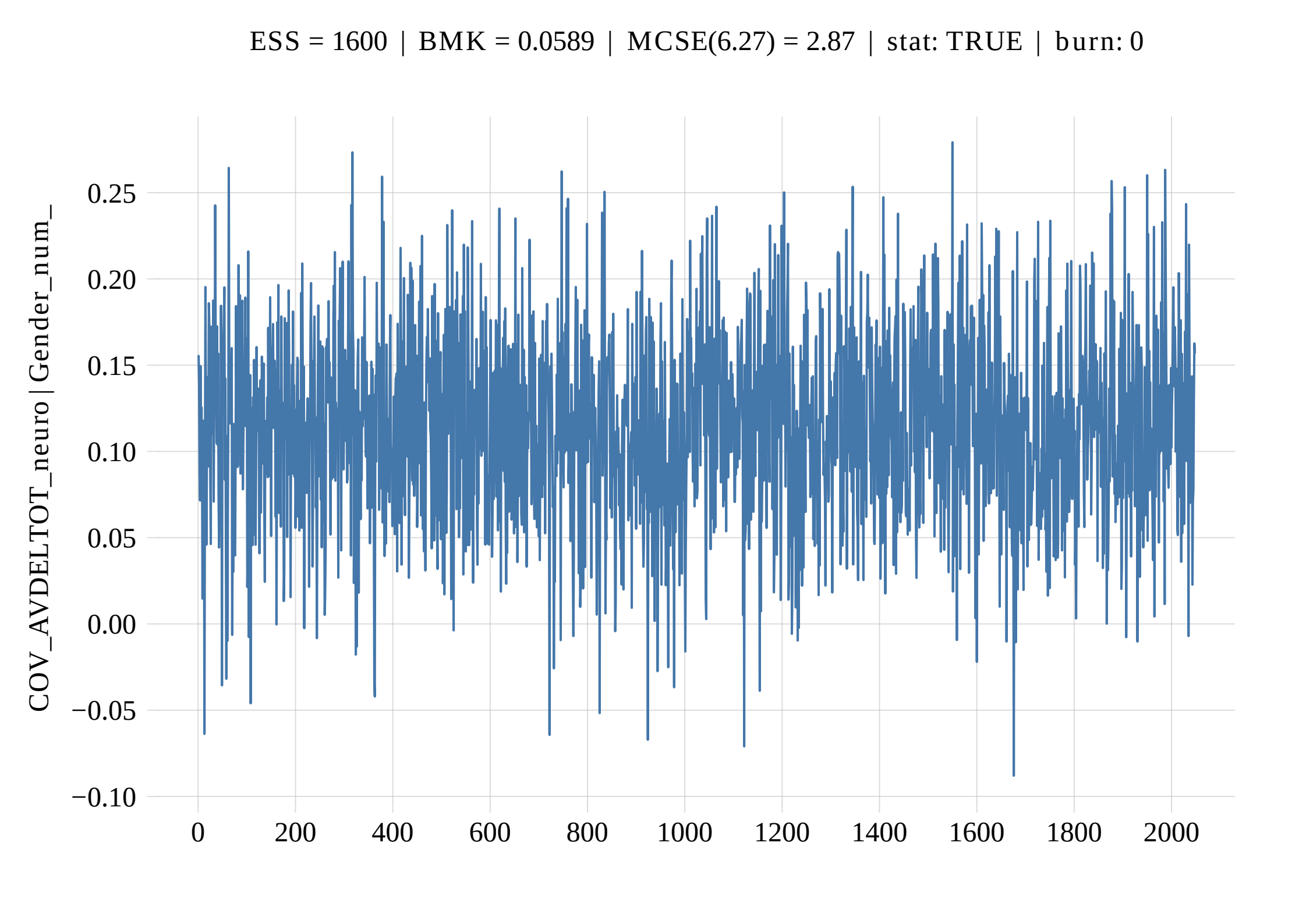

ESS = 2050 | BMK = 0.0421 | MCSE(6.27) = 1.93 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | TRABSCOR_neuro
−15
−20
−25
−30
−35
−40
−45
−50
−55
−60
−65
−70
−75
0
200
400
600
800
1000
1200
1400
1600
1800
2000

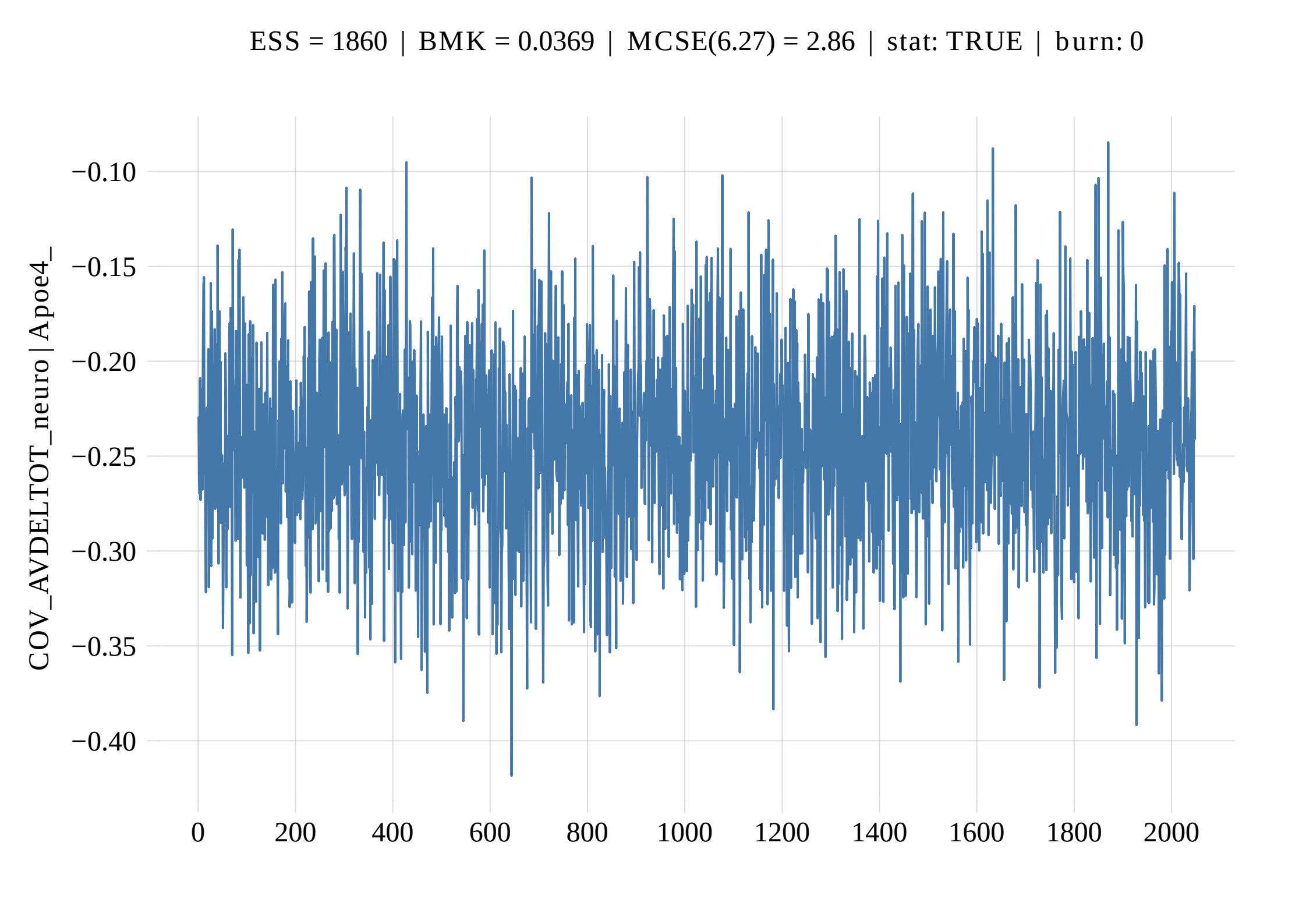

ESS = 1550 | BMK = 0.0621 | MCSE(6.27) = 2.64 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | CATANIMSC_neuro
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

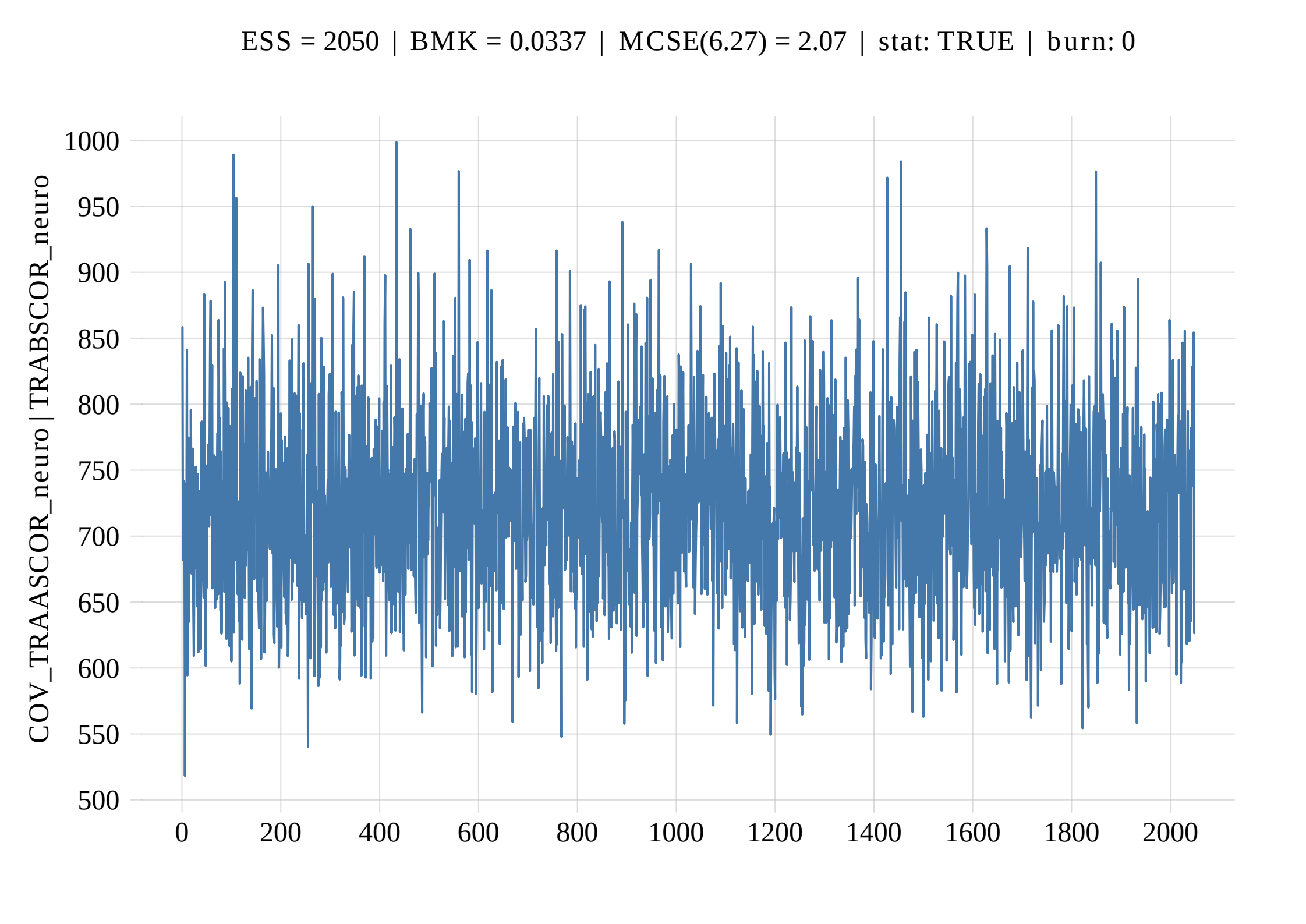

ESS = 1650 | BMK = 0.044 | MCSE(6.27) = 2.57 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | GDTOTAL_gds
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200
1400
1600
1800
2000

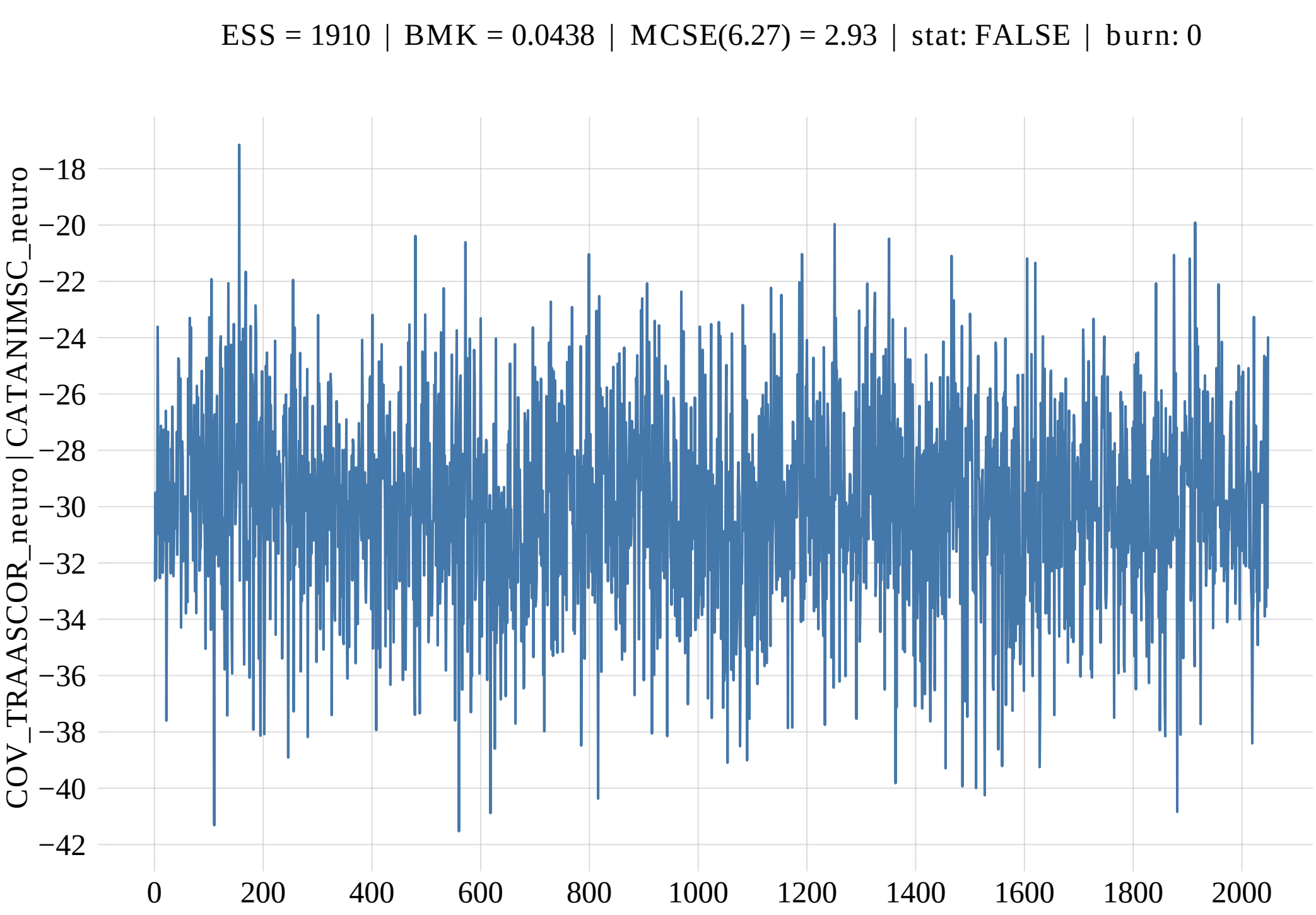

ESS = 2050 | BMK = 0.0533 | MCSE(6.27) = 2.4 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | ANARTERR_neuro
0
−1
−2
−3
−4
−5
−6
−7
0
200
400
600
800
1000
1200
1400
1600
1800
2000

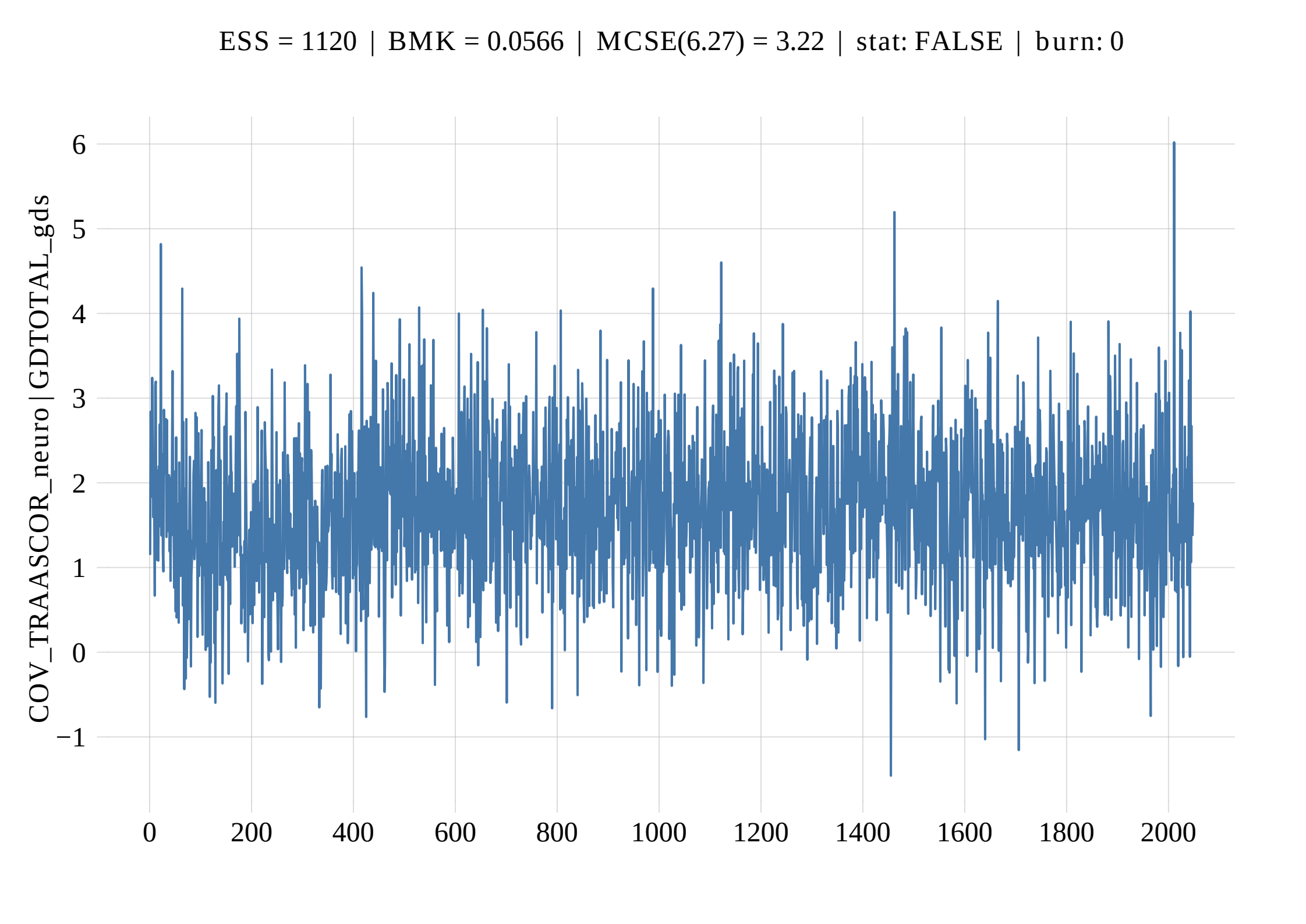

ESS = 1800 | BMK = 0.0524 | MCSE(6.27) = 3.02 | stat: FALSE | burn: 0
COV_AVDELTOT_neuro|Subgroup_num_
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
0
200
400
600
800
1000
1200
1400
1600
1800
2000

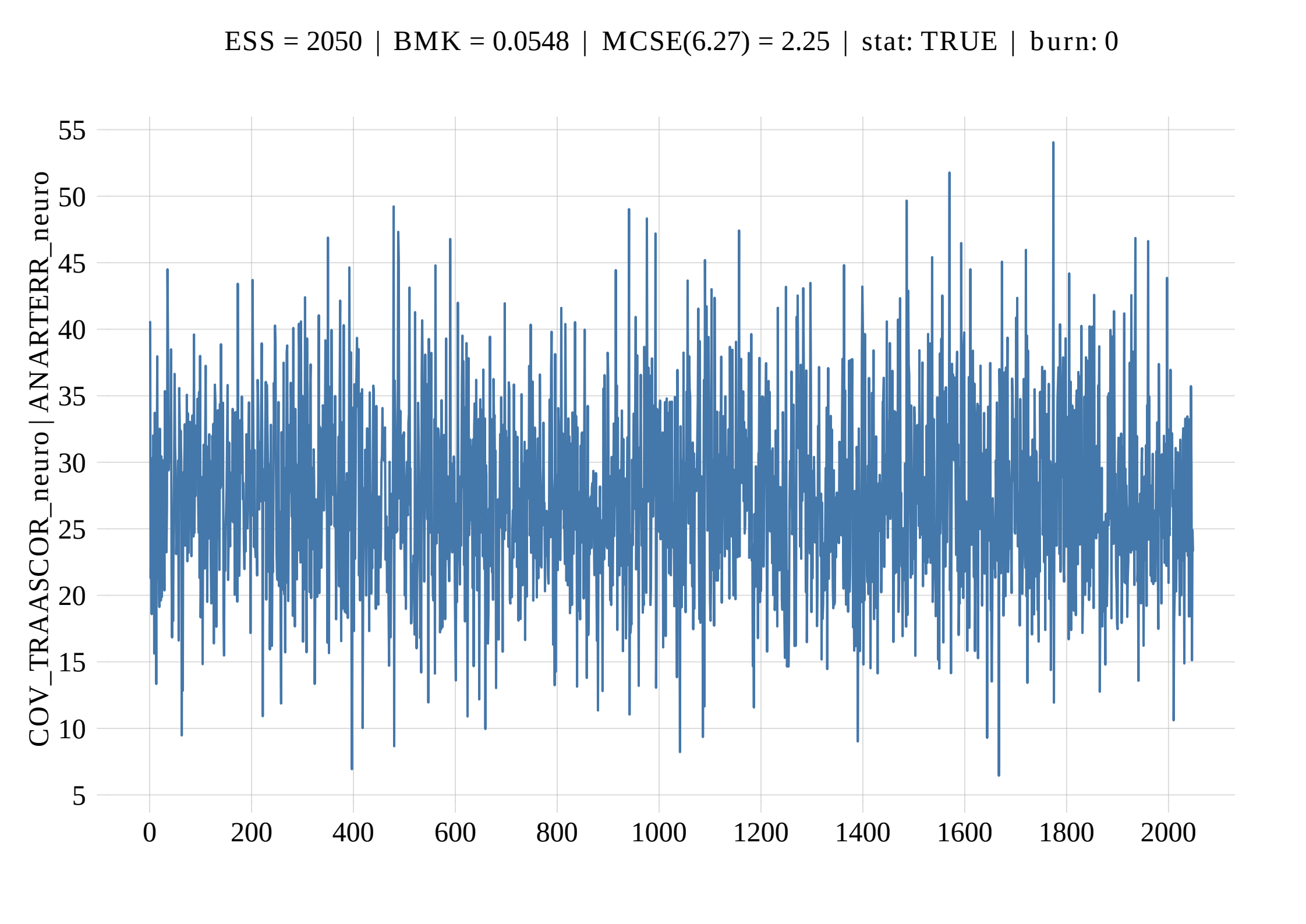

ESS = 1600 | BMK = 0.0589 | MCSE(6.27) = 2.87 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | Gender_num_
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800
1000
1200
1400
1600
1800
2000

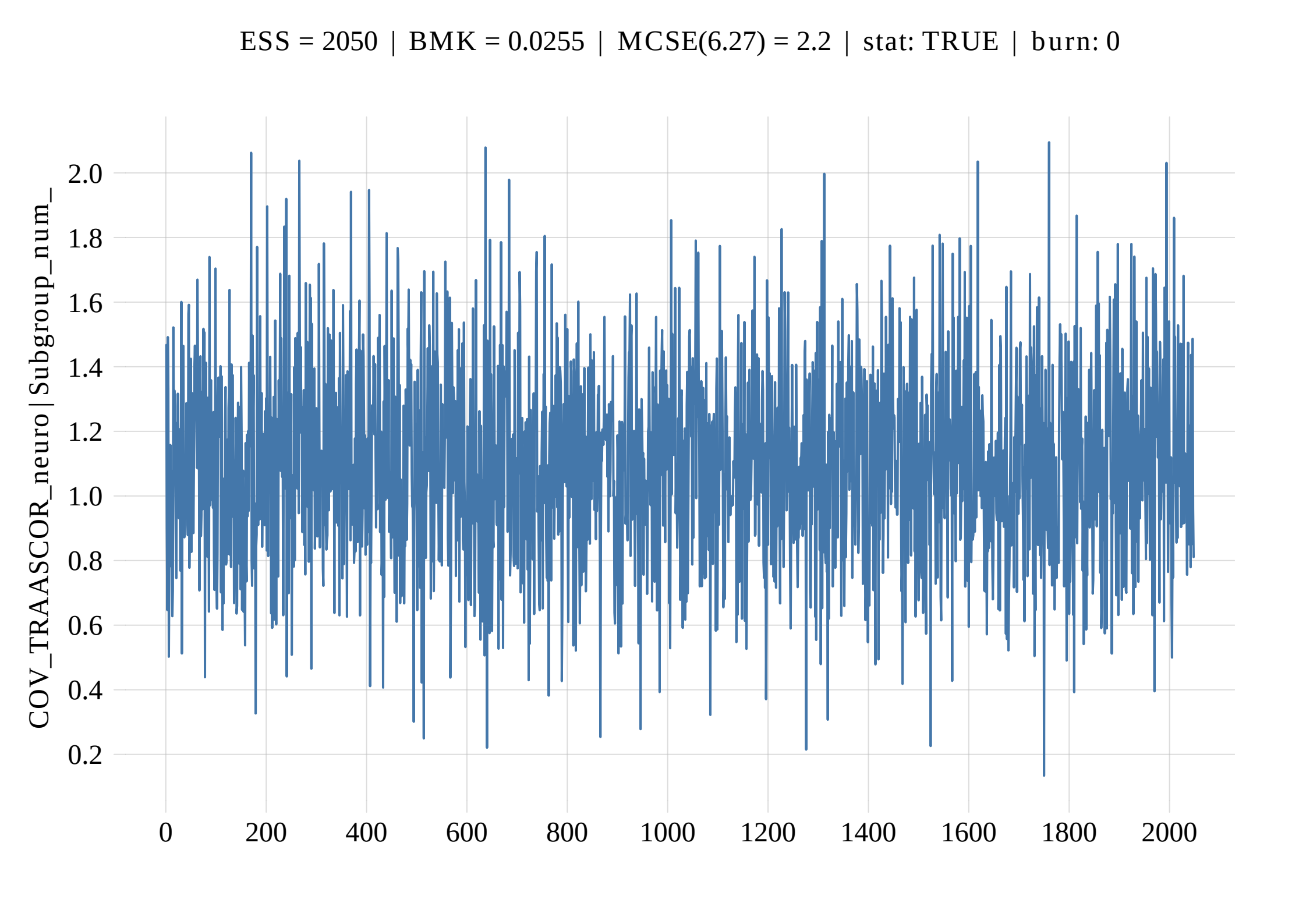

ESS = 1860 | BMK = 0.0369 | MCSE(6.27) = 2.86 | stat: TRUE | burn: 0
COV_AVDELTOT_neuro | Apoe4_
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
0
200
400
600
800
1000
1200
1400
1600
1800
2000

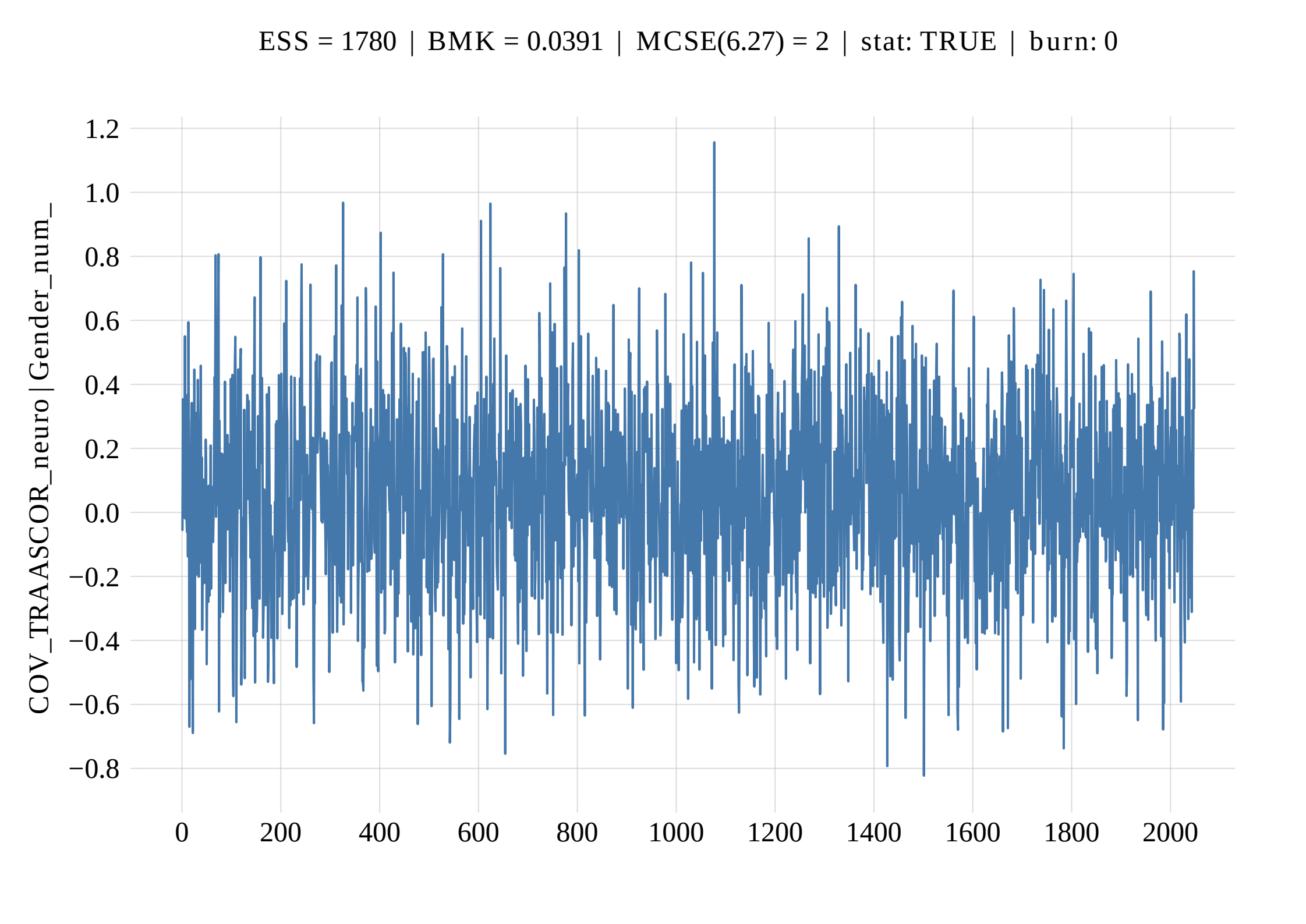

ESS = 2050 | BMK = 0.0337 | MCSE(6.27) = 2.07 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro | TRABSCOR_neuro
1000
950
900
850
800
750
700
650
600
550
500
0
200
400
600
800
1000
1200
1400
1600
1800
2000

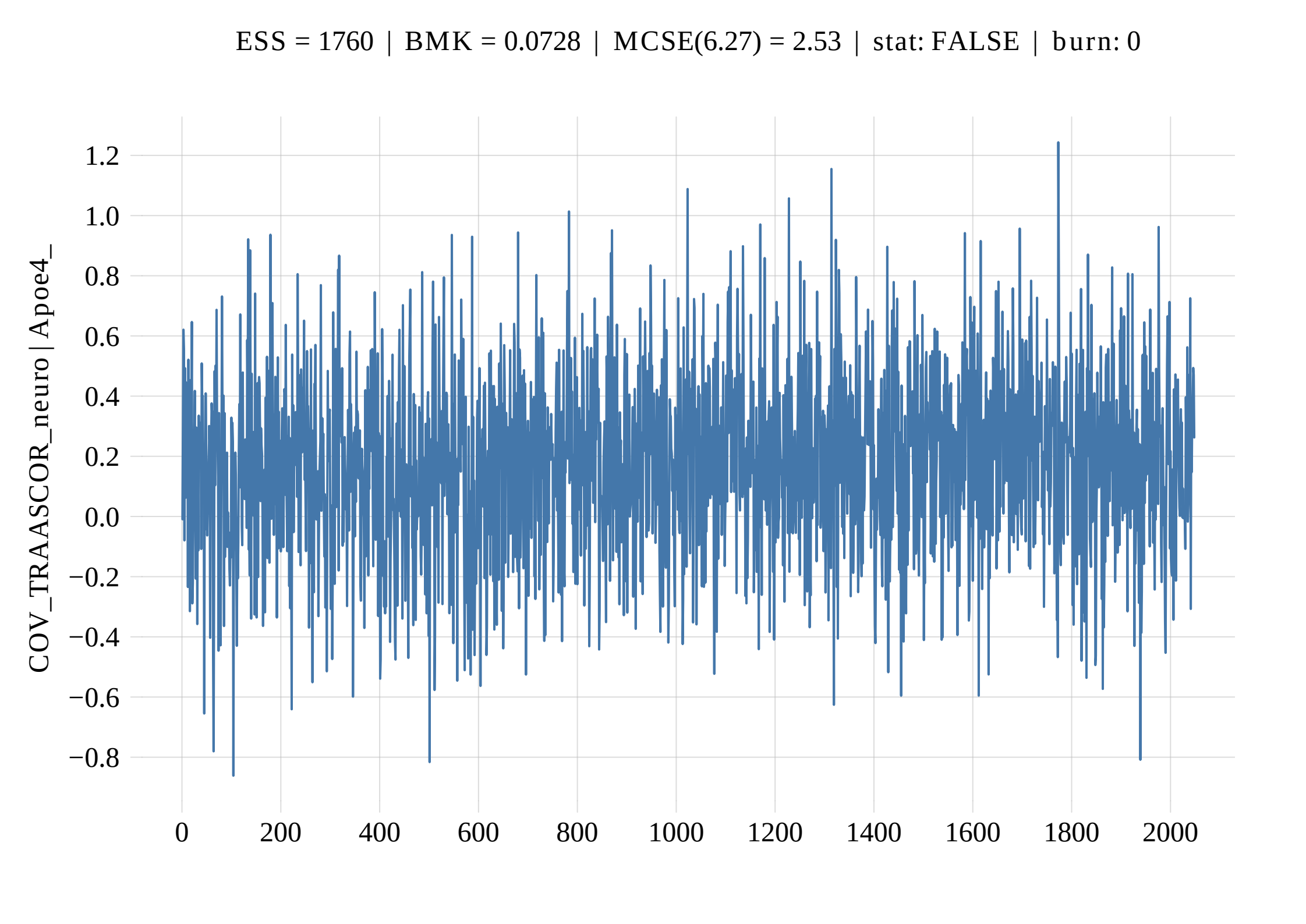

ESS = 1910 | BMK = 0.0438 | MCSE(6.27) = 2.93 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|CATANIMSC_neuro
−18
−20
−22
−24
−26
−28
−30
−32
−34
−36
−38
−40
−42
0
200
400
600
800
1000
1200
1400
1600
1800
2000

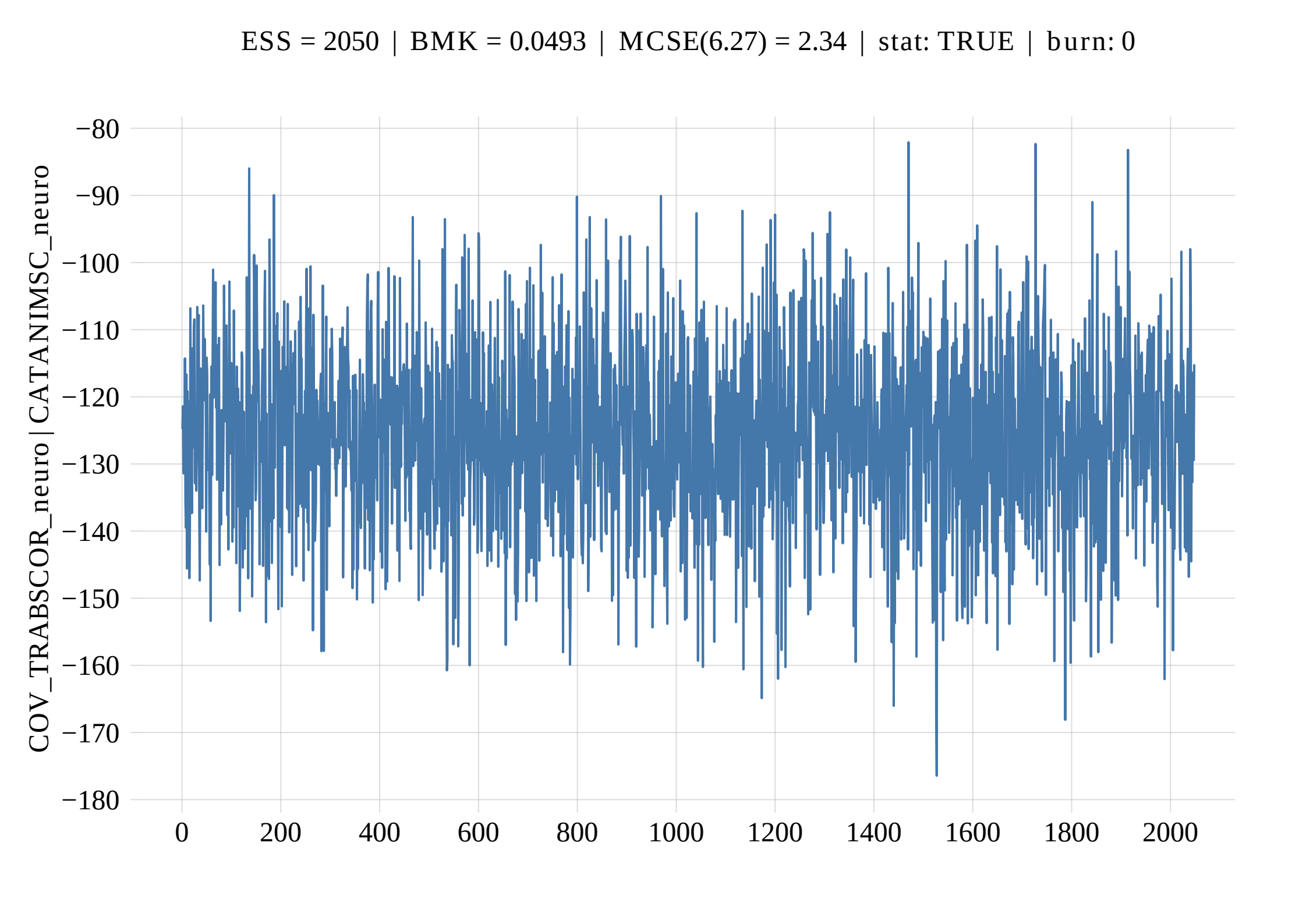

ESS = 1120 | BMK = 0.0566 | MCSE(6.27) = 3.22 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro|GDTOTAL_gds
6
5
4
3
2
1
0
−1
0
200
400
600
800
1000
1200
1400
1600
1800
2000

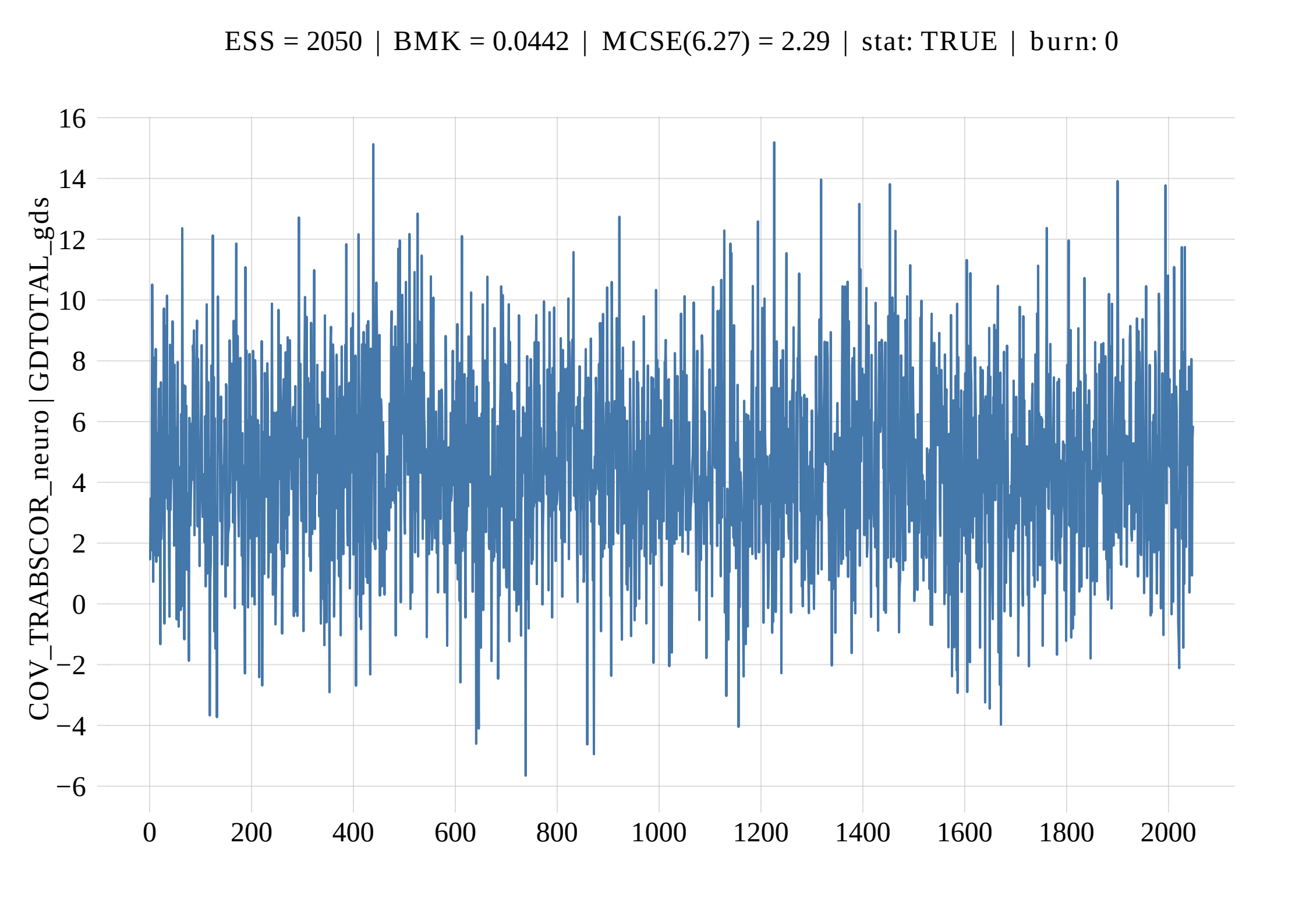

ESS = 2050 | BMK = 0.0548 | MCSE(6.27) = 2.25 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro | ANARTERR_neuro
55
50
45
40
35
30
25
20
15
10
5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

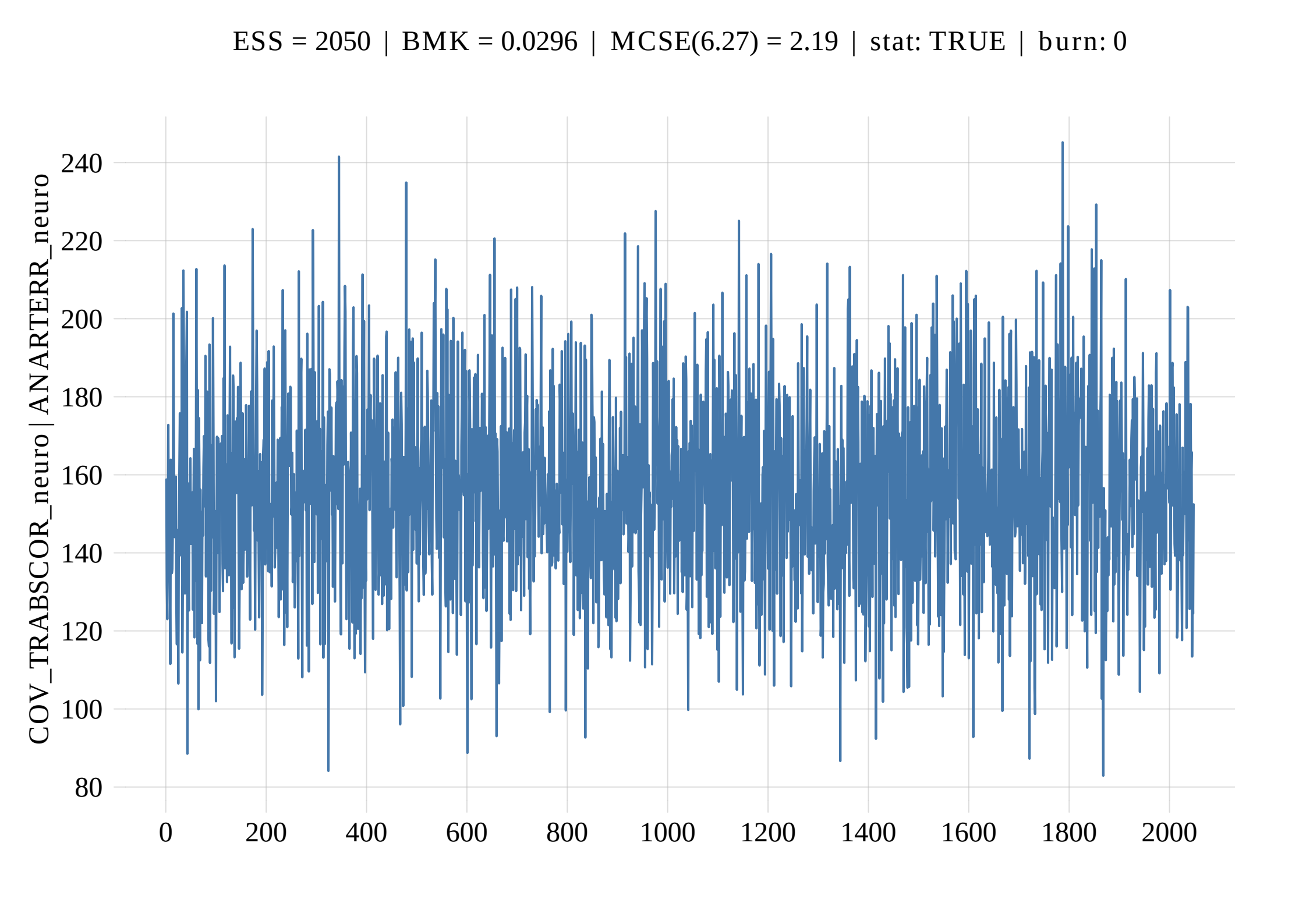

ESS = 2050 | BMK = 0.0255 | MCSE(6.27) = 2.2 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|Subgroup_num_
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
200
400
600
800
1000
1200
1400
1600
1800
2000

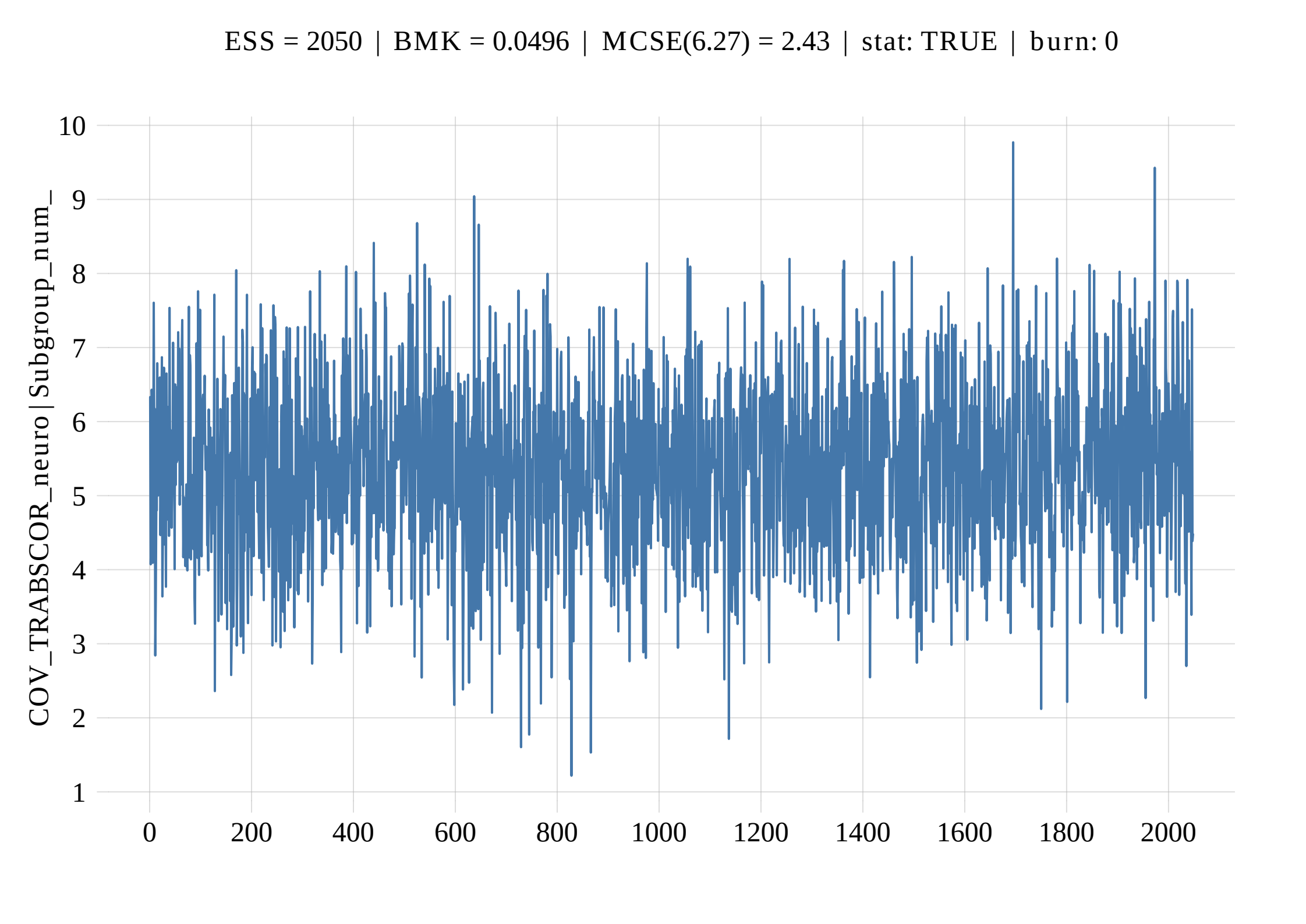

ESS = 1780 | BMK = 0.0391 | MCSE(6.27) = 2 | stat: TRUE | burn: 0
COV_TRAASCOR_neuro|Gender_num_
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
200
400
600
800
1000
1200
1400
1600
1800
2000

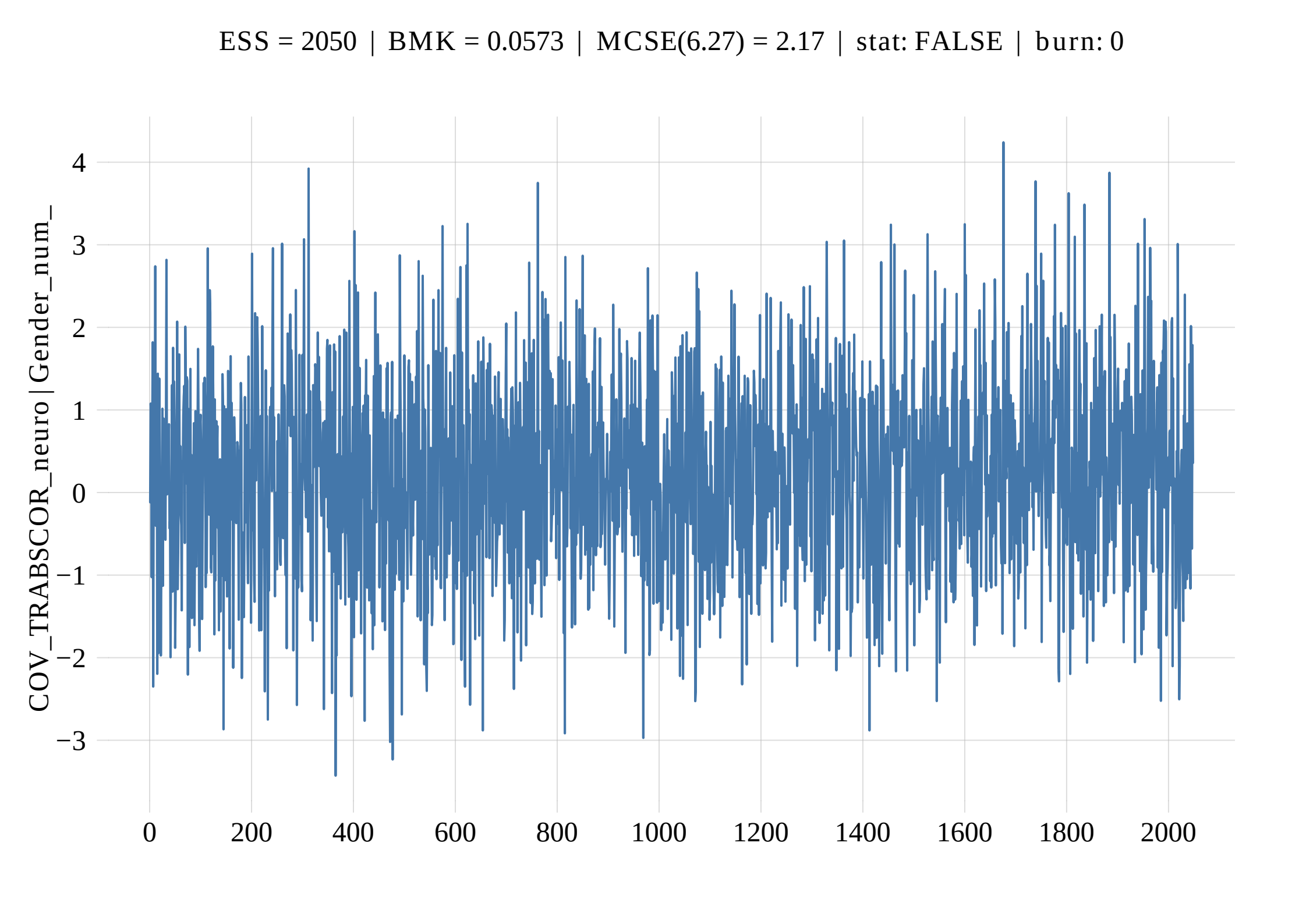

ESS = 1760 | BMK = 0.0728 | MCSE(6.27) = 2.53 | stat: FALSE | burn: 0
COV_TRAASCOR_neuro | Apoe4_
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
200
400
600
800
1000
1200
1400
1600
1800
2000

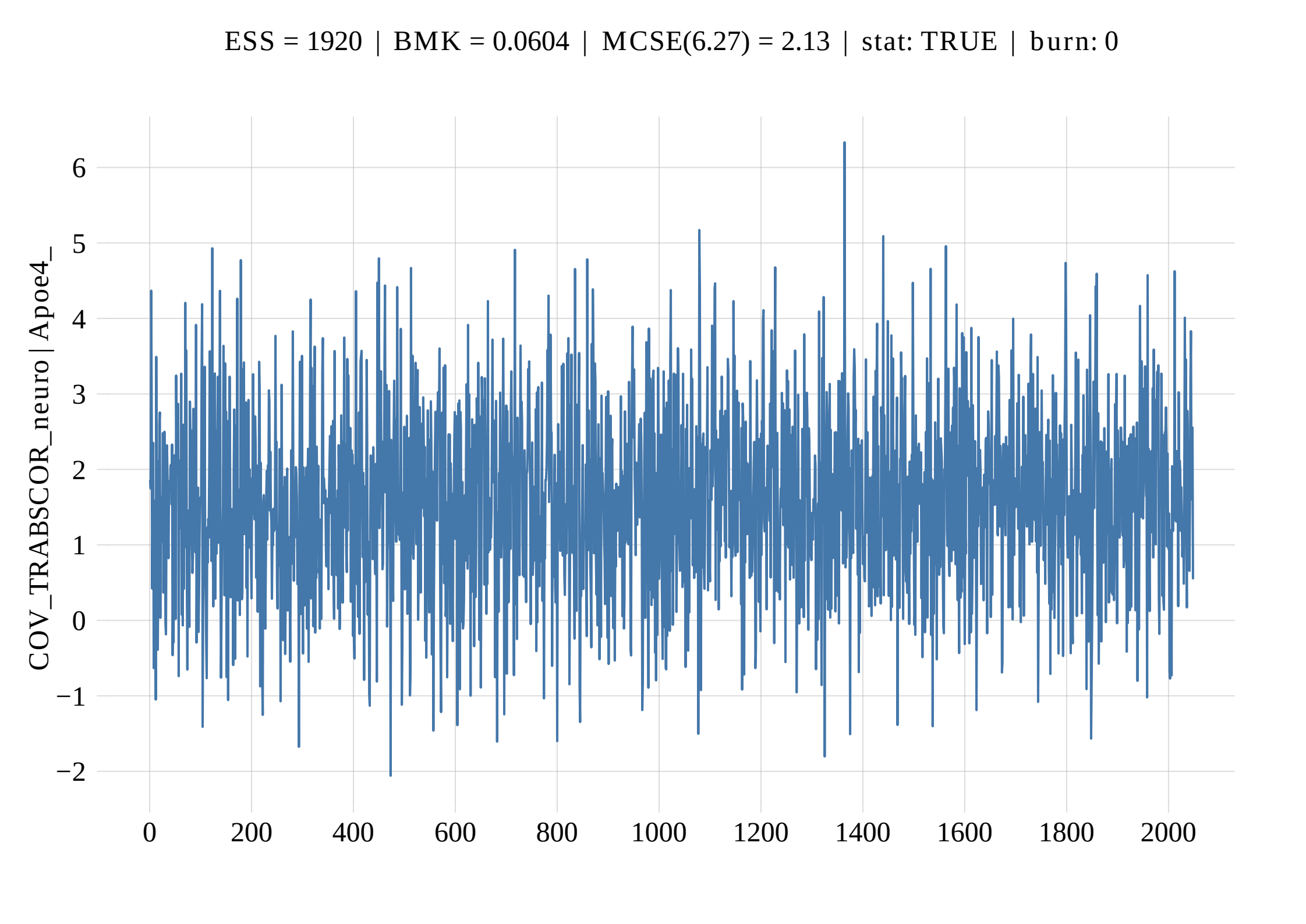

ESS = 2050 | BMK = 0.0493 | MCSE(6.27) = 2.34 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | CATANIMSC_neuro
−80
−90
−100
−110
−120
−130
−140
−150
−160
−170
−180
0
200
400
600
800
1000
1200
1400
1600
1800
2000

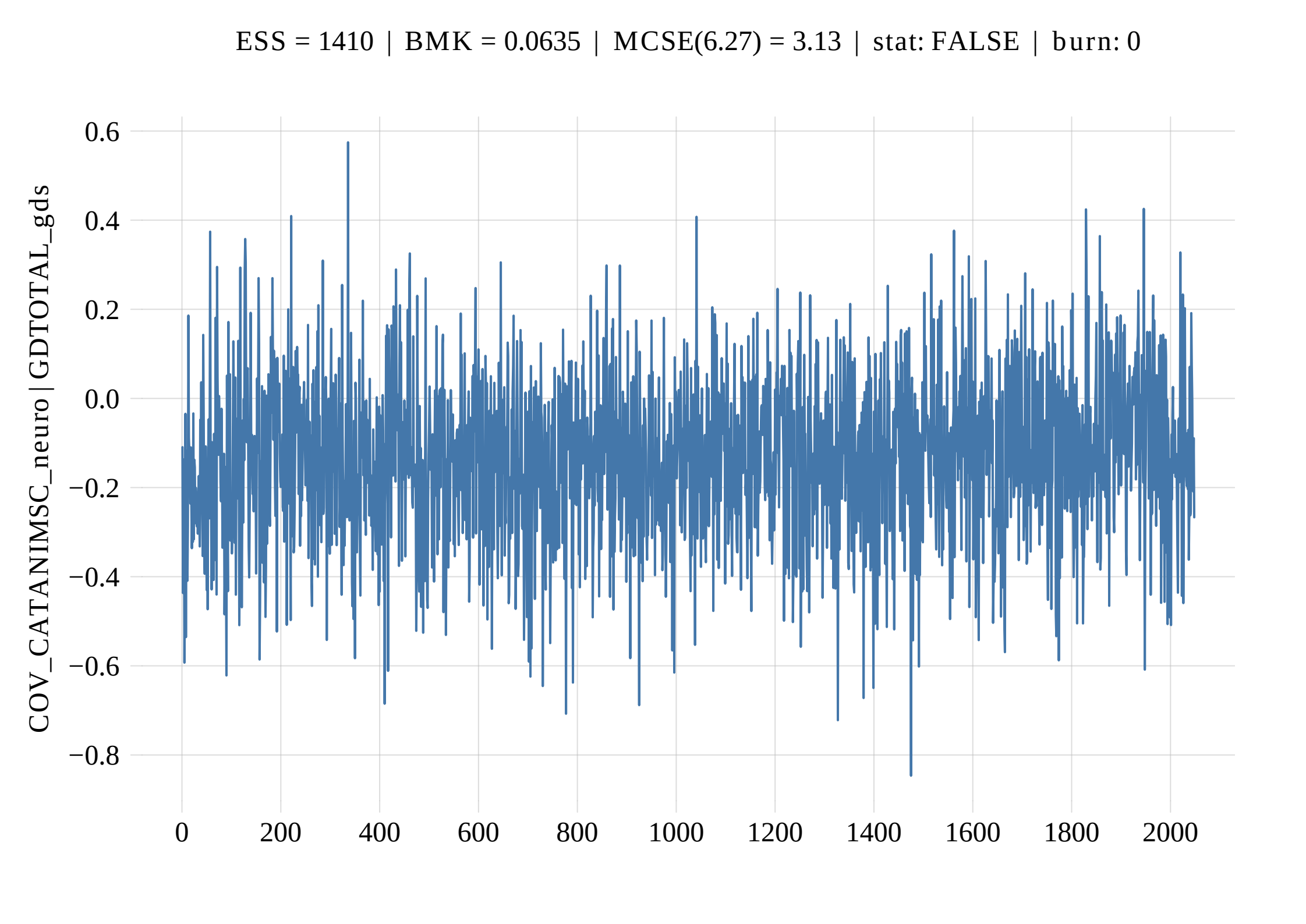

ESS = 2050 | BMK = 0.0442 | MCSE(6.27) = 2.29 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|GDTOTAL_gds
16
14
12
10
8
6
4
2
0
−2
−4
−6
0
200
400
600
800
1000
1200
1400
1600
1800
2000

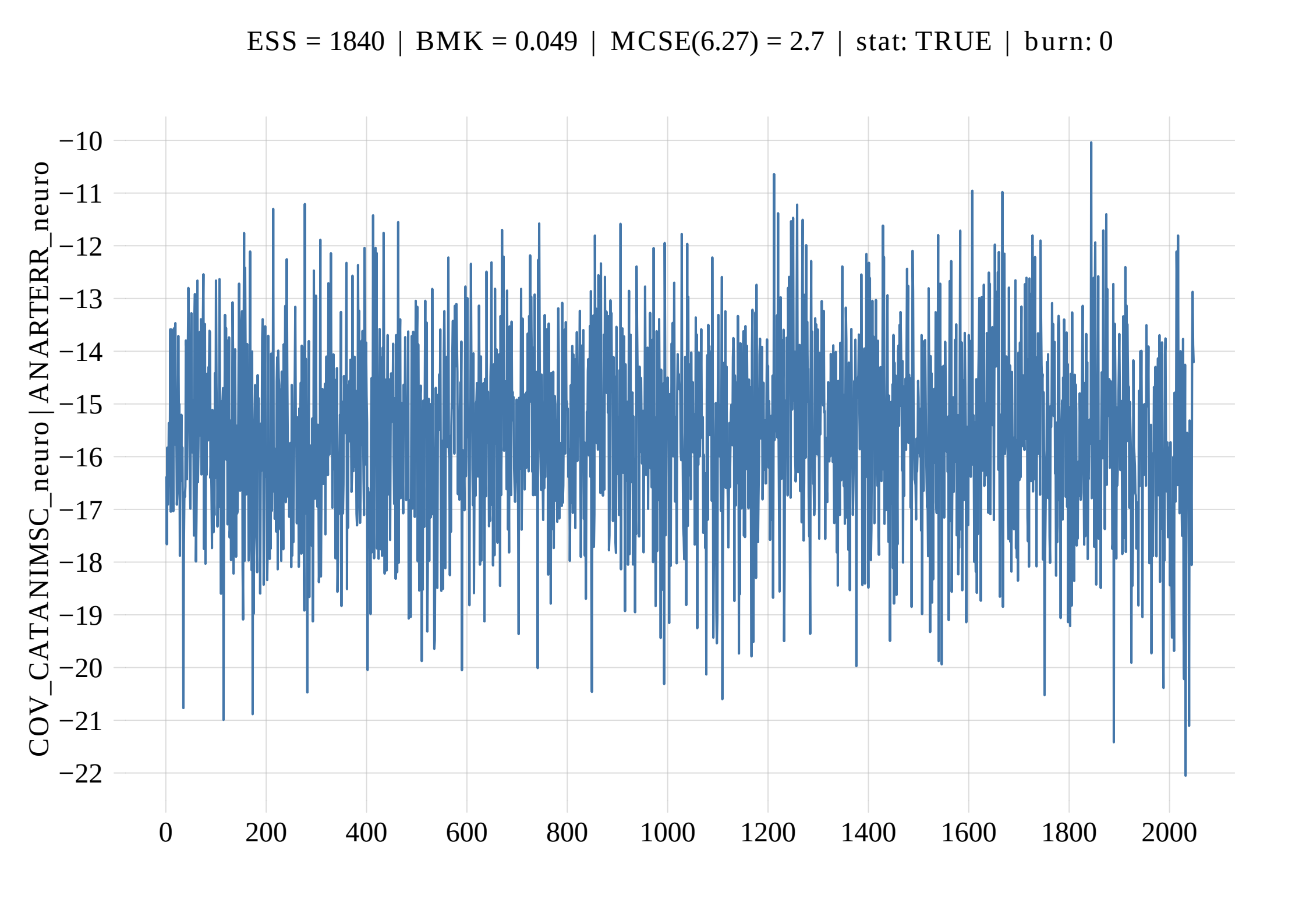

ESS = 2050 | BMK = 0.0296 | MCSE(6.27) = 2.19 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro | ANARTERR_neuro
240
220
200
180
160
140
120
100
80
0
200
400
600
800
1000
1200
1400
1600
1800
2000

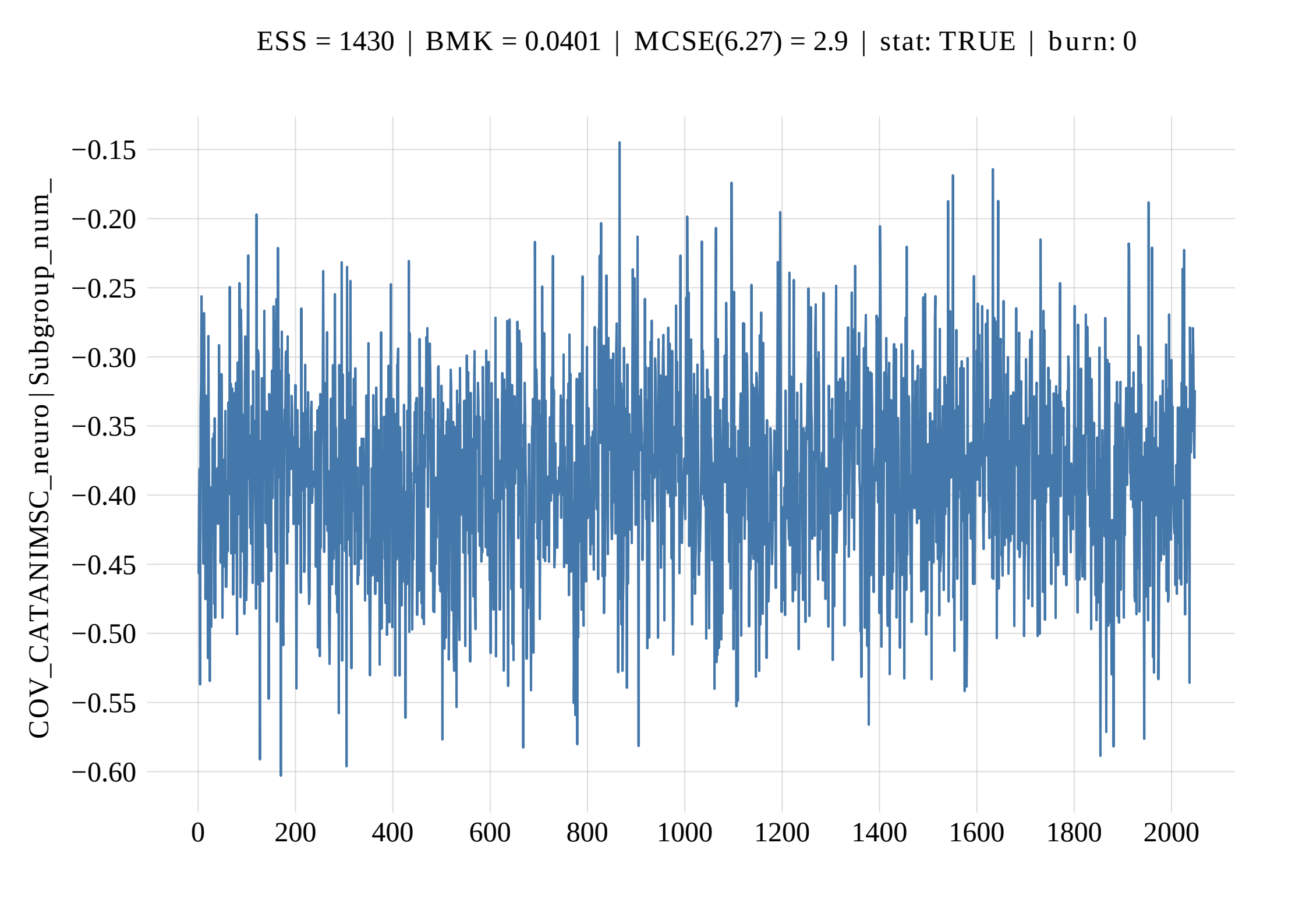

ESS = 2050 | BMK = 0.0496 | MCSE(6.27) = 2.43 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Subgroup_num_
10
9
8
7
6
5
4
3
2
1
0
200
400
600
800
1000
1200
1400
1600
1800
2000

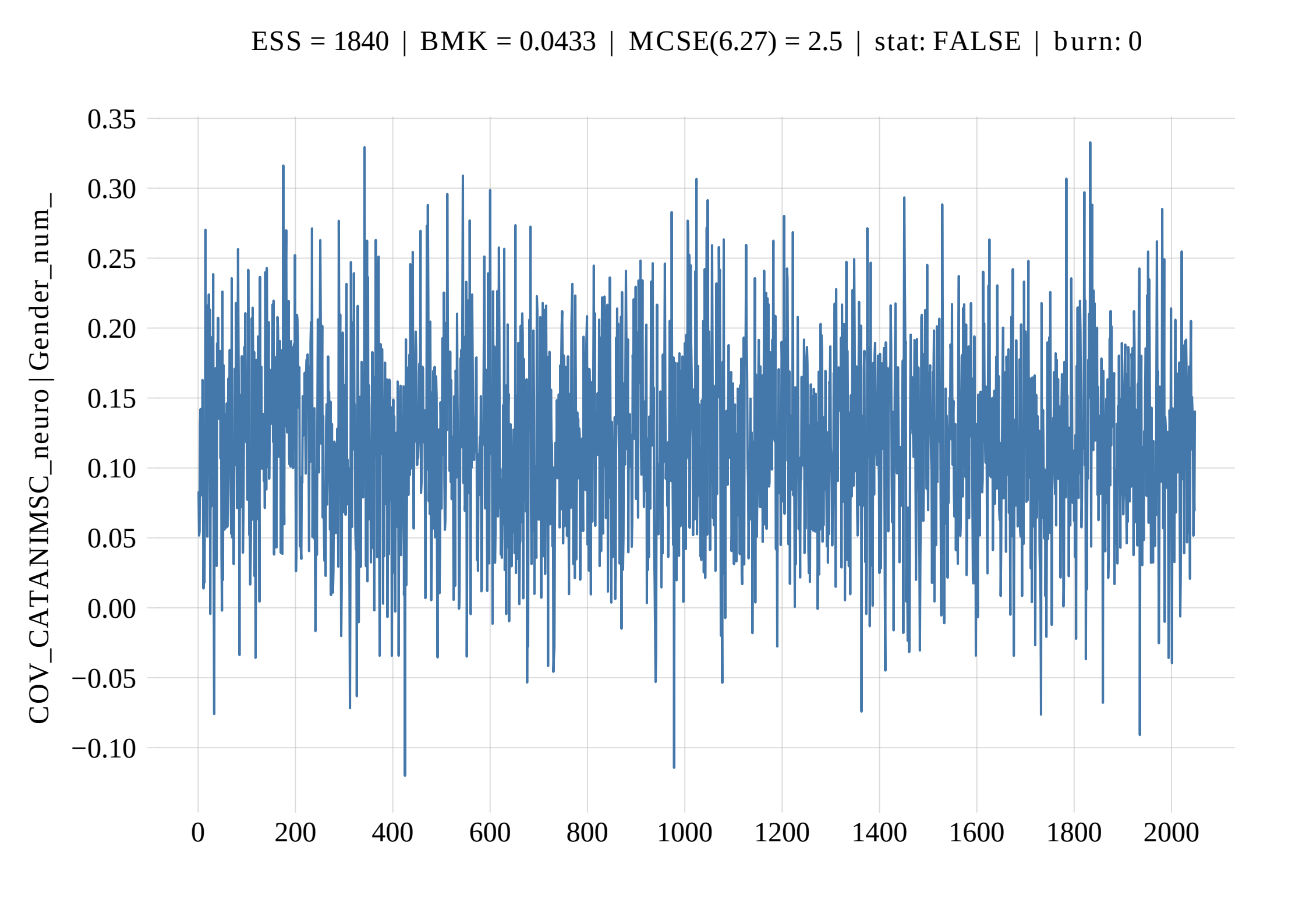

ESS = 2050 | BMK = 0.0573 | MCSE(6.27) = 2.17 | stat: FALSE | burn: 0
COV_TRABSCOR_neuro|Gender_num_
4
3
2
1
0
−1
−2
−3
0
200
400
600
800
1000
1200
1400
1600
1800
2000

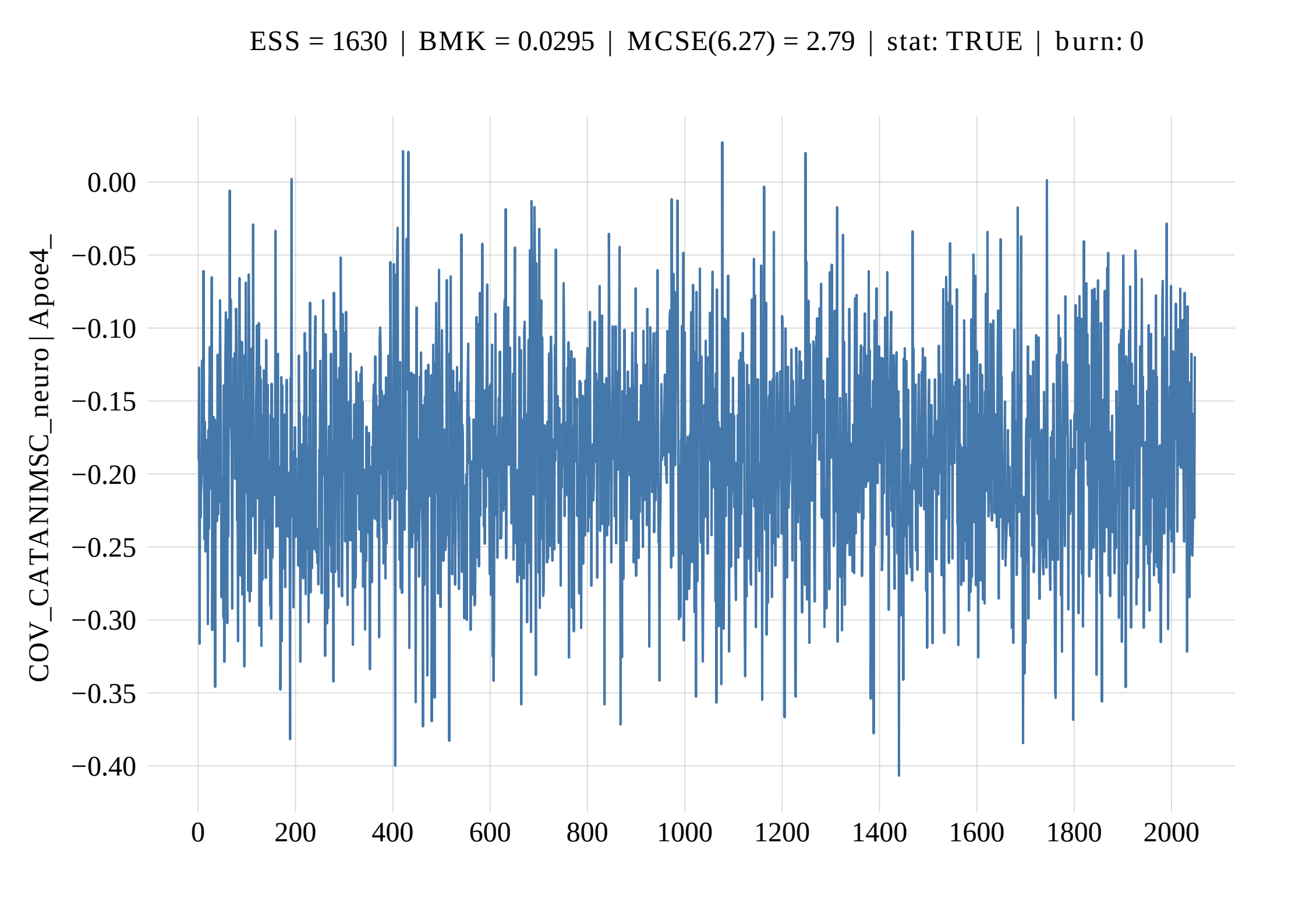

ESS = 1920 | BMK = 0.0604 | MCSE(6.27) = 2.13 | stat: TRUE | burn: 0
COV_TRABSCOR_neuro|Apoe4_
6
5
4
3
2
1
0
−1
−2
0
200
400
600
800
1000
1200
1400
1600
1800
2000

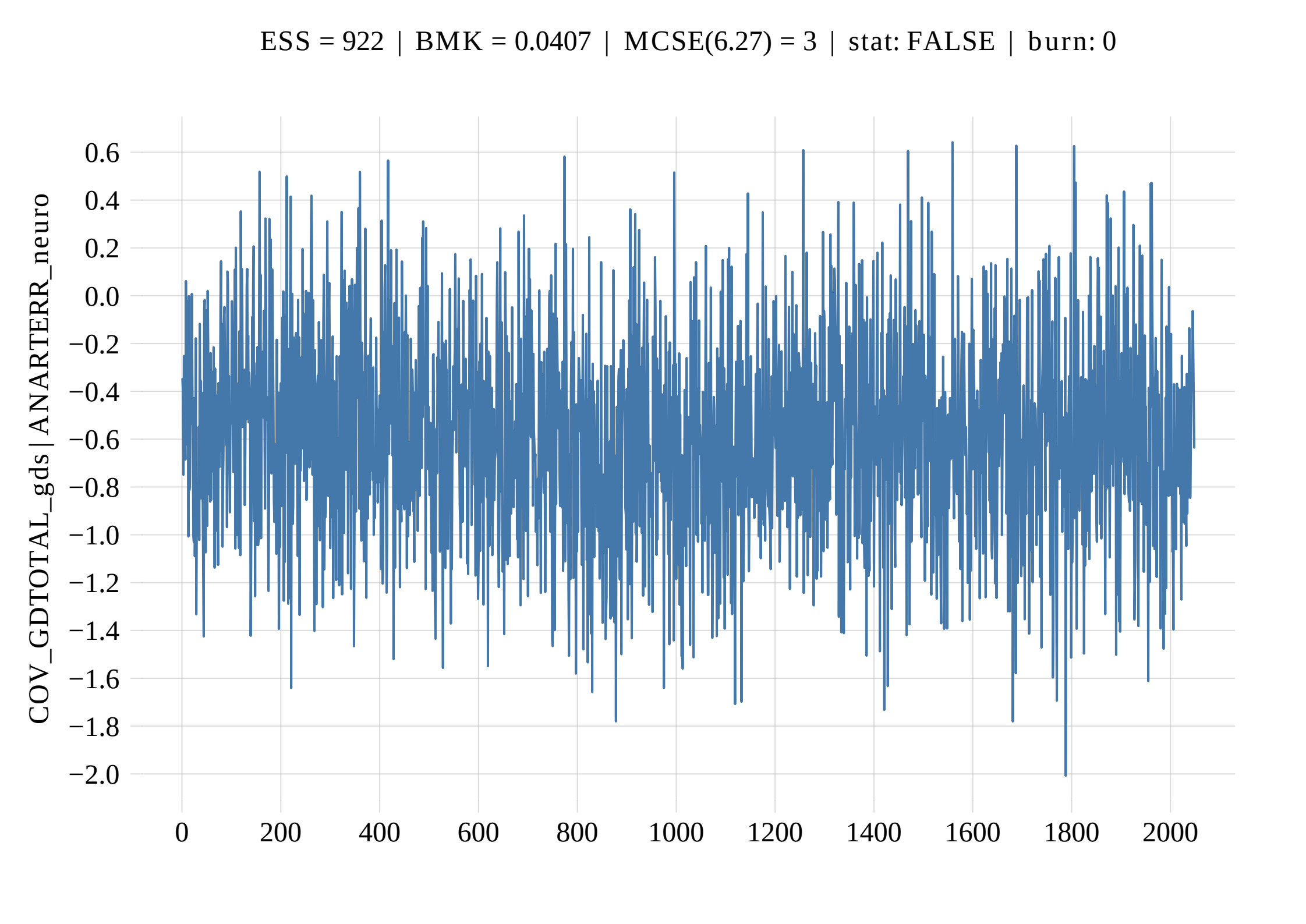

ESS = 1410 | BMK = 0.0635 | MCSE(6.27) = 3.13 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro|GDTOTAL_gds
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
200
400
600
800
1000
1200
1400
1600
1800
2000

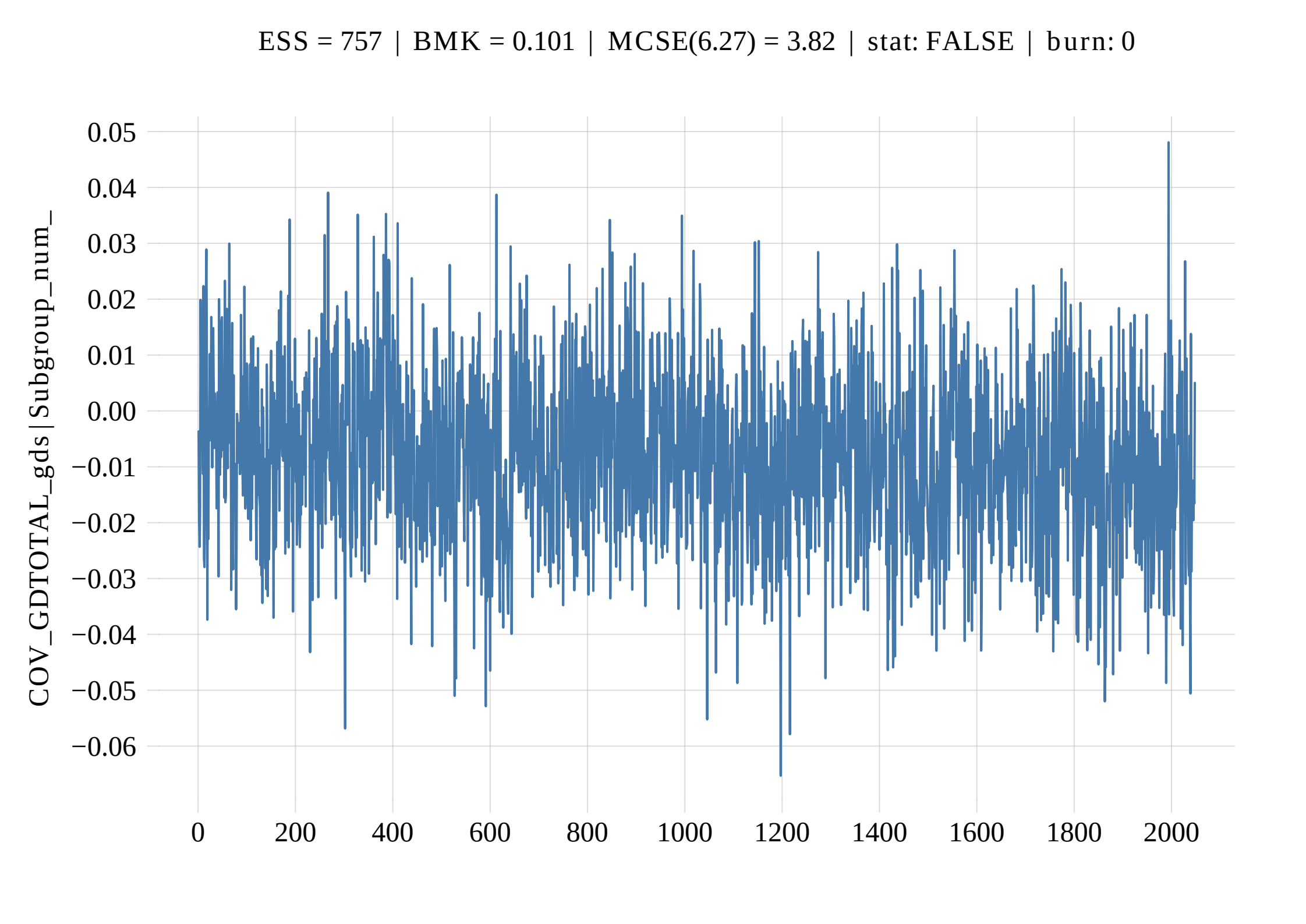

ESS = 1840 | BMK = 0.049 | MCSE(6.27) = 2.7 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro | ANARTERR_neuro
−10
−11
−12
−13
−14
−15
−16
−17
−18
−19
−20
−21
−22
0
200
400
600
800
1000
1200
1400
1600
1800
2000

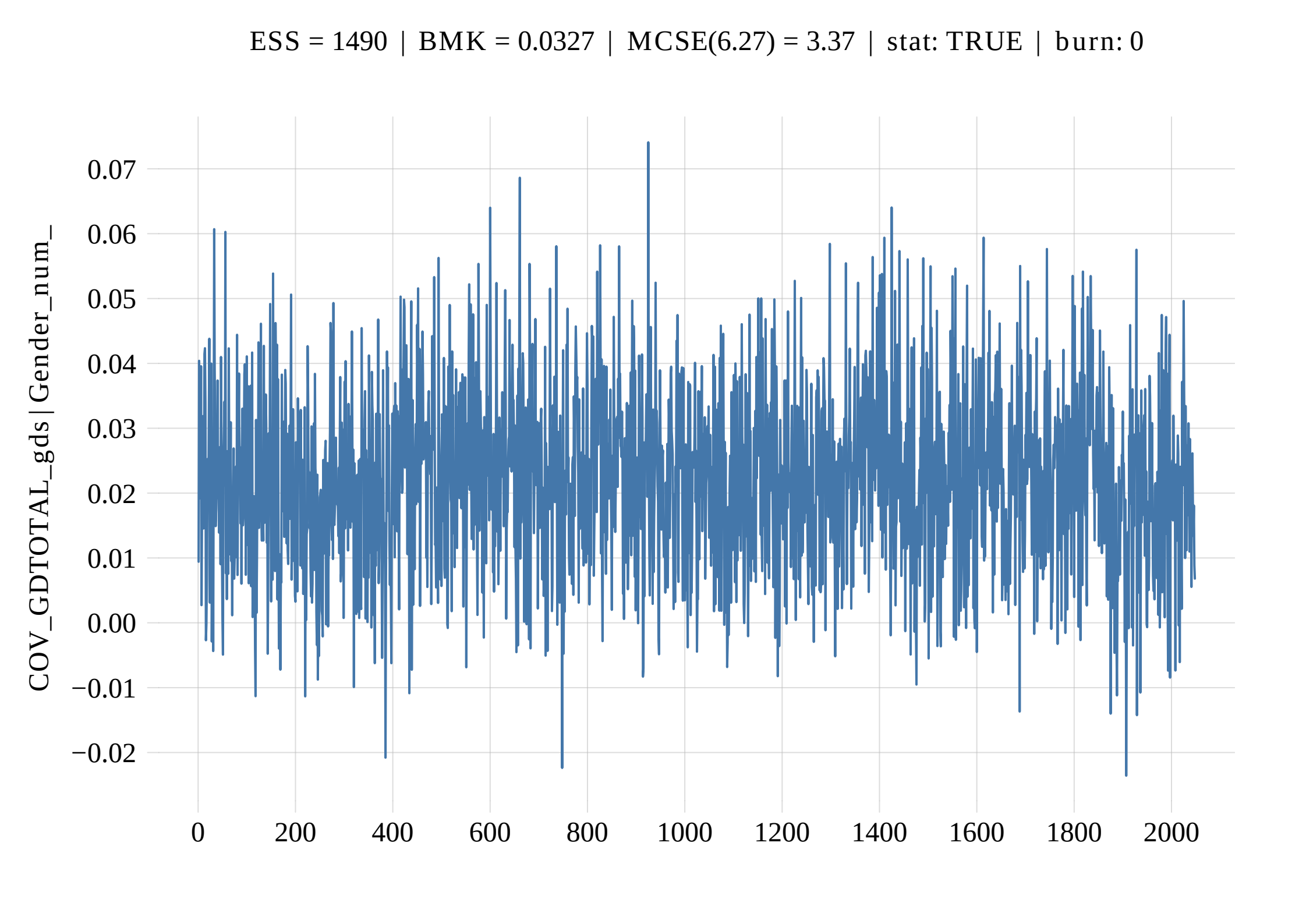

ESS = 1430 | BMK = 0.0401 | MCSE(6.27) = 2.9 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro|Subgroup_num_
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
−0.45
−0.50
−0.55
−0.60
0
200
400
600
800
1000
1200
1400
1600
1800
2000

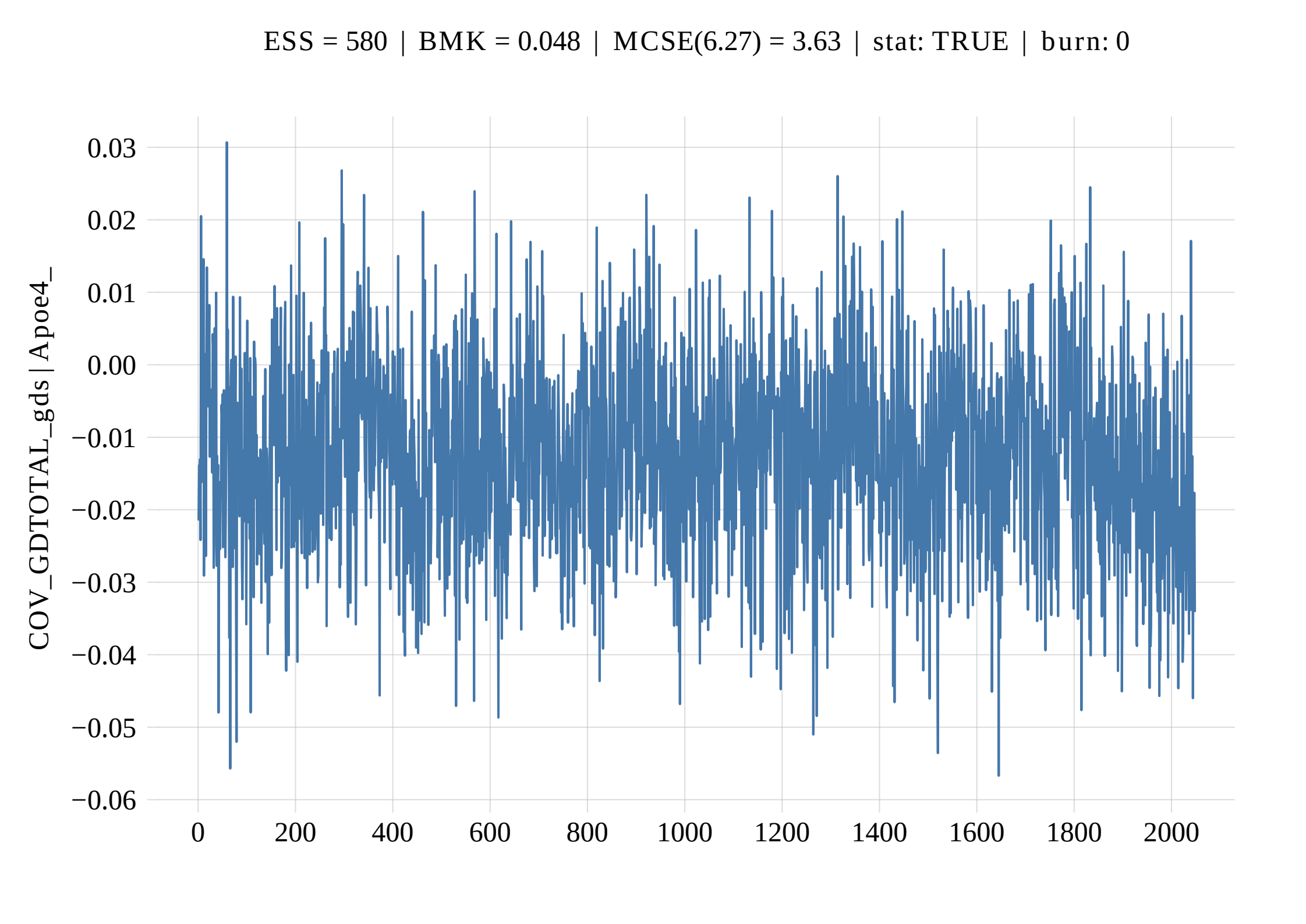

ESS = 1840 | BMK = 0.0433 | MCSE(6.27) = 2.5 | stat: FALSE | burn: 0
COV_CATANIMSC_neuro|Gender_num_
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800
1000
1200
1400
1600
1800
2000

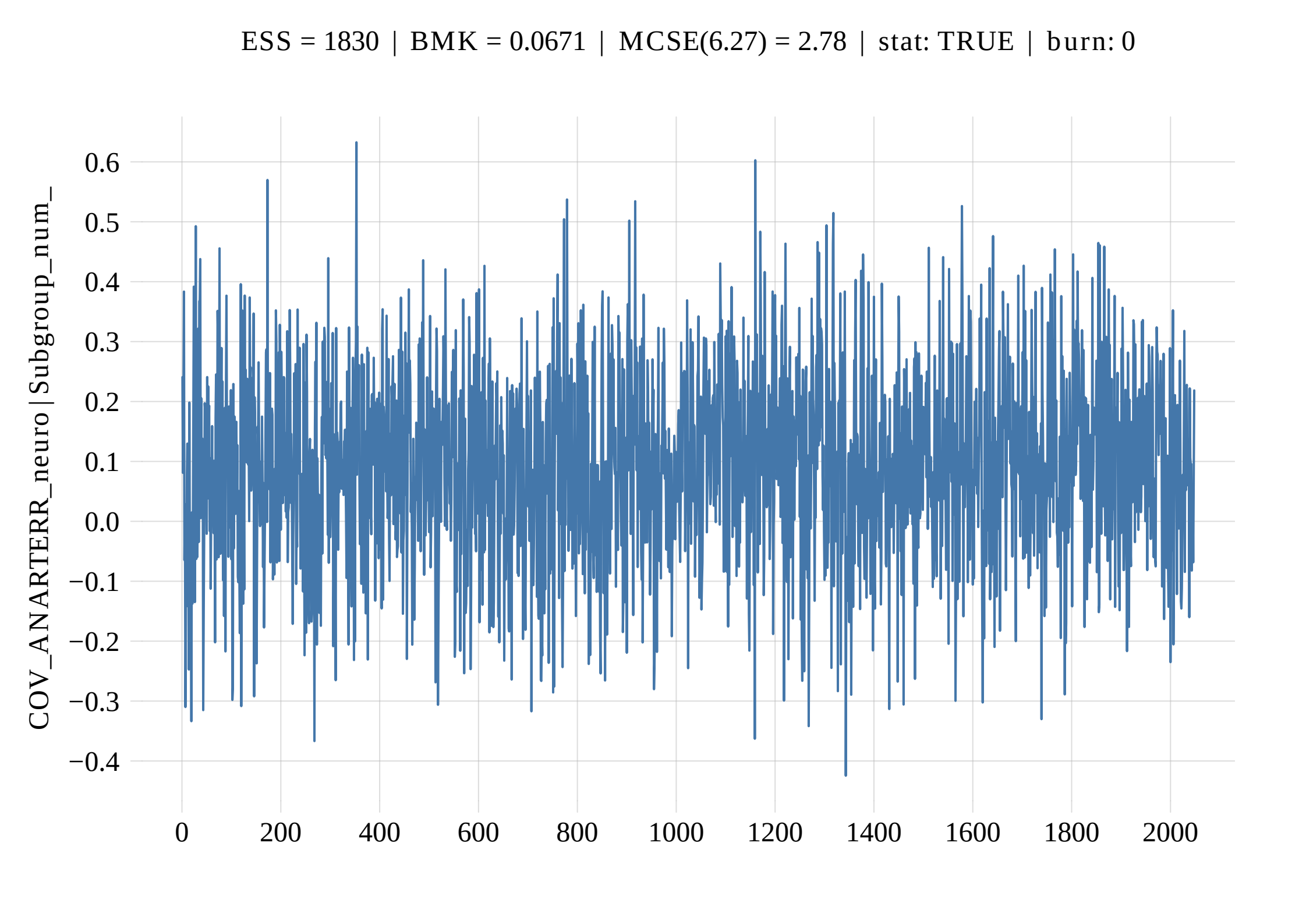

ESS = 1630 | BMK = 0.0295 | MCSE(6.27) = 2.79 | stat: TRUE | burn: 0
COV_CATANIMSC_neuro | Apoe4_
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
0
200
400
600
800
1000
1200
1400
1600
1800
2000

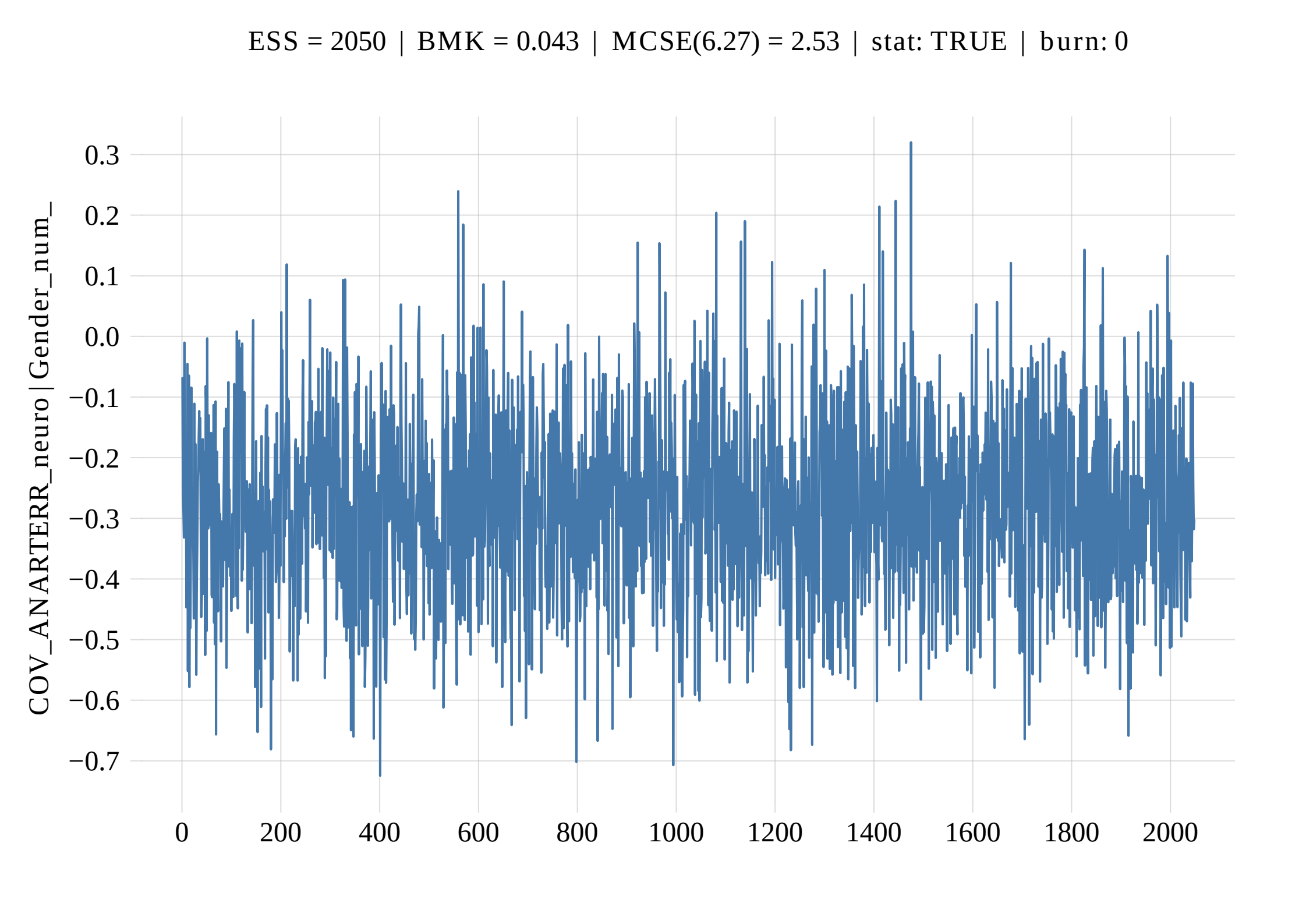

ESS = 922 | BMK = 0.0407 | MCSE(6.27) = 3 | stat: FALSE | burn: 0
COV_GDTOTAL_gds | ANARTERR_neuro
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
−1.6
−1.8
−2.0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

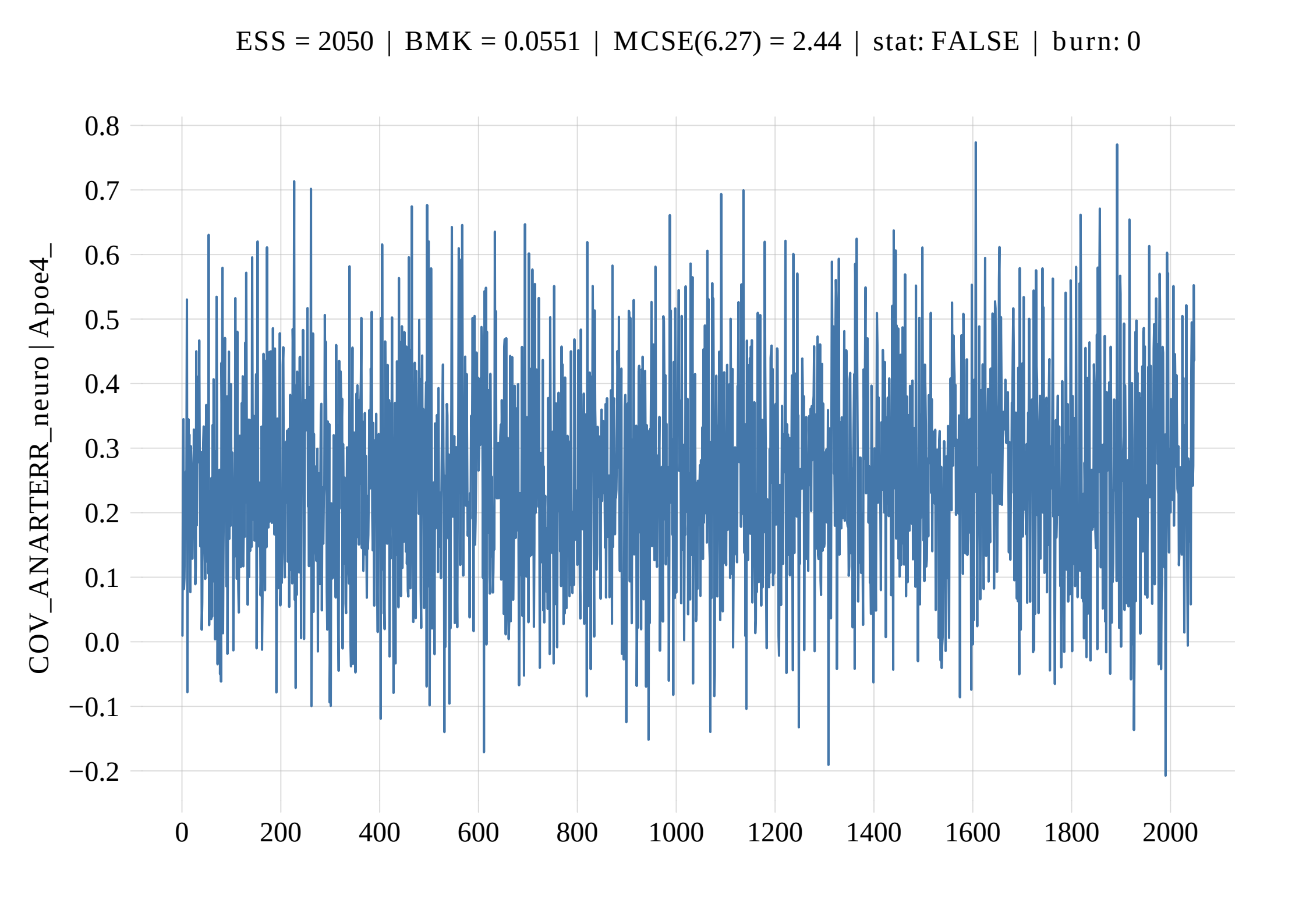

ESS = 757 | BMK = 0.101 | MCSE(6.27) = 3.82 | stat: FALSE | burn: 0
COV_GDTOTAL_gds|Subgroup_num_
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
0
200
400
600
800
1000
1200
1400
1600
1800
2000

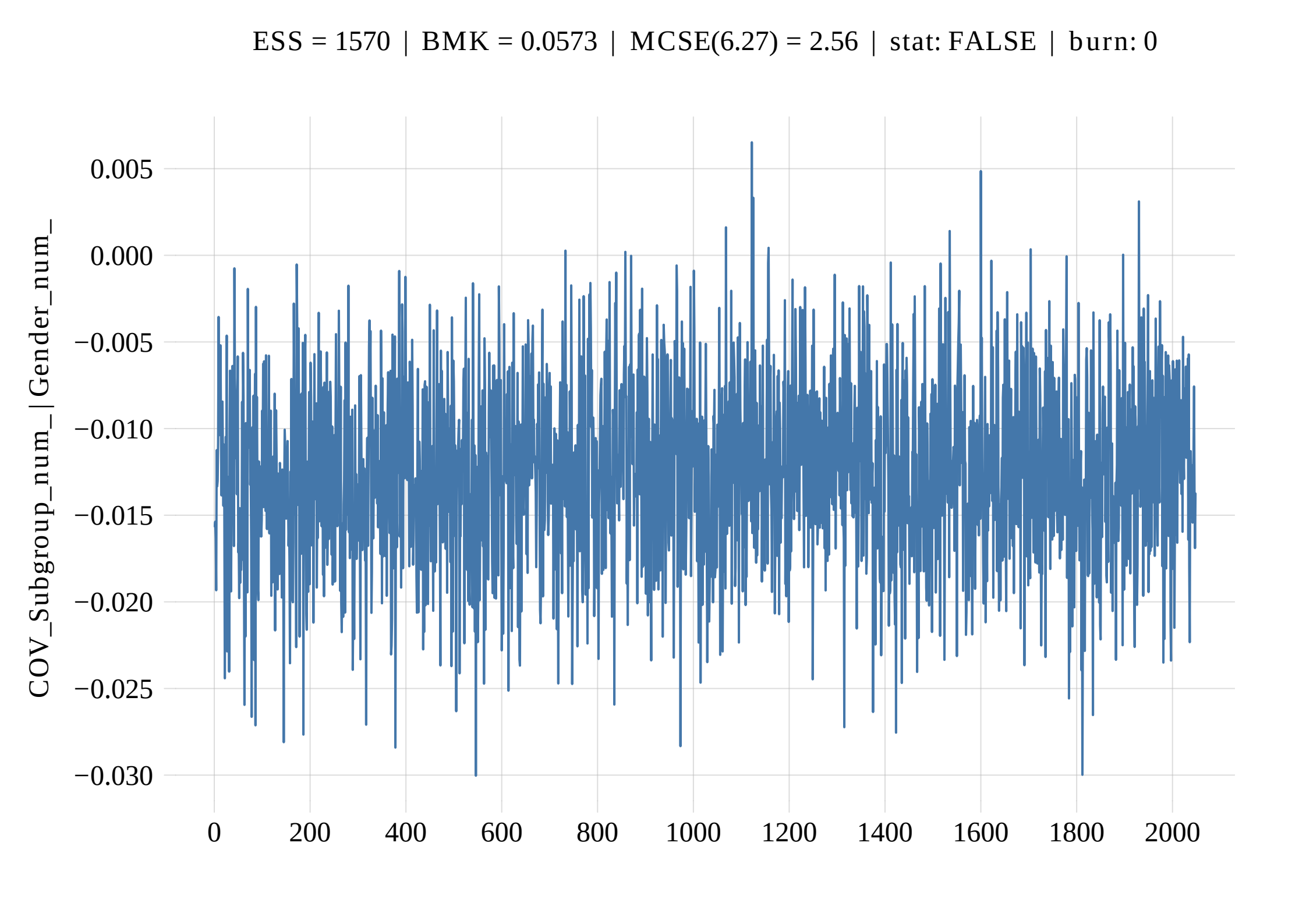

ESS = 1490 | BMK = 0.0327 | MCSE(6.27) = 3.37 | stat: TRUE | burn: 0
COV_GDTOTAL_gds | Gender_num_
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
0
200
400
600
800
1000
1200
1400
1600
1800
2000

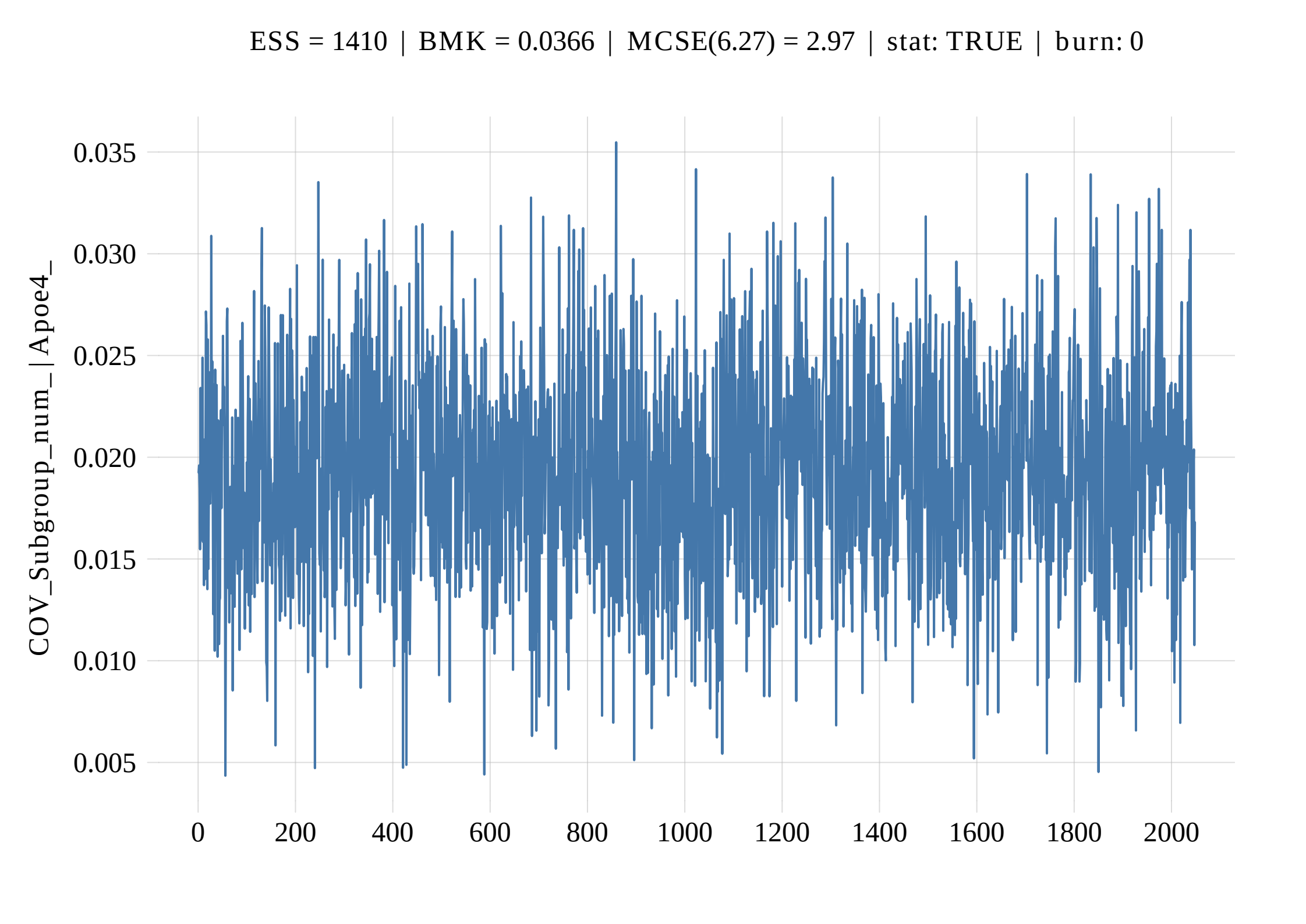

ESS = 580 | BMK = 0.048 | MCSE(6.27) = 3.63 | stat: TRUE | burn: 0
COV_GDTOTAL_gds | Apoe4_
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
0
200
400
600
800
1000
1200
1400
1600
1800
2000

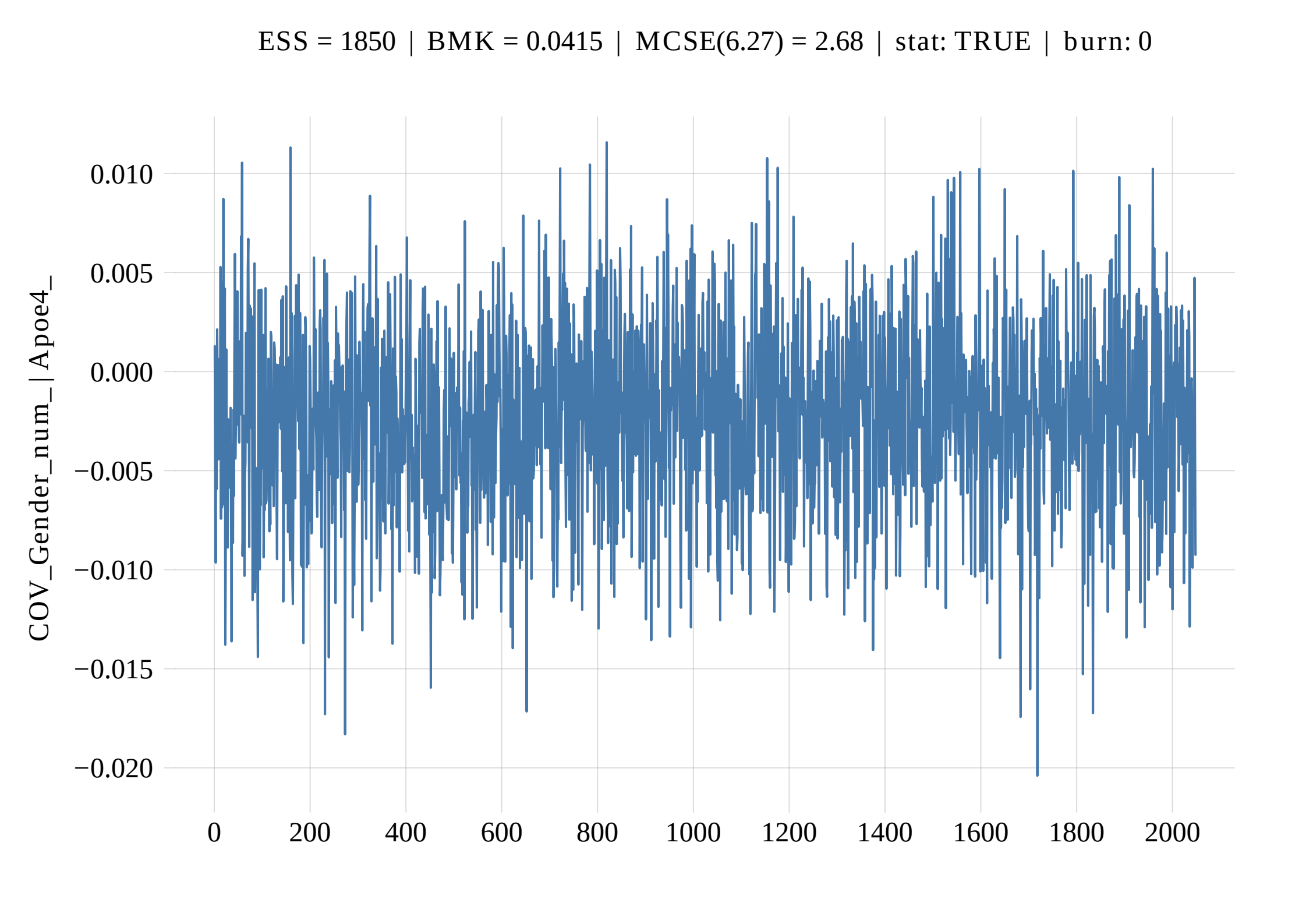

ESS = 1830 | BMK = 0.0671 | MCSE(6.27) = 2.78 | stat: TRUE | burn: 0
COV_ANARTERR_neuro|Subgroup_num_
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 2050 | BMK = 0.043 | MCSE(6.27) = 2.53 | stat: TRUE | burn: 0
COV_ANARTERR_neuro|Gender_num_
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 2050 | BMK = 0.0551 | MCSE(6.27) = 2.44 | stat: FALSE | burn: 0
COV_ANARTERR_neuro | Apoe4_
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 1570 | BMK = 0.0573 | MCSE(6.27) = 2.56 | stat: FALSE | burn: 0
COV_Subgroup_num_|Gender_num_
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 1410 | BMK = 0.0366 | MCSE(6.27) = 2.97 | stat: TRUE | burn: 0
COV_Subgroup_num_|Apoe4_
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0
200
400
600
800
1000
1200
1400
1600
1800
2000


ESS = 1850 | BMK = 0.0415 | MCSE(6.27) = 2.68 | stat: TRUE | burn: 0
COV_Gender_num_|Apoe4_
0.010
0.005
0.000
−0.005
−0.010
−0.015
−0.020
0
200
400
600
800
1000
1200
1400
1600
1800
2000