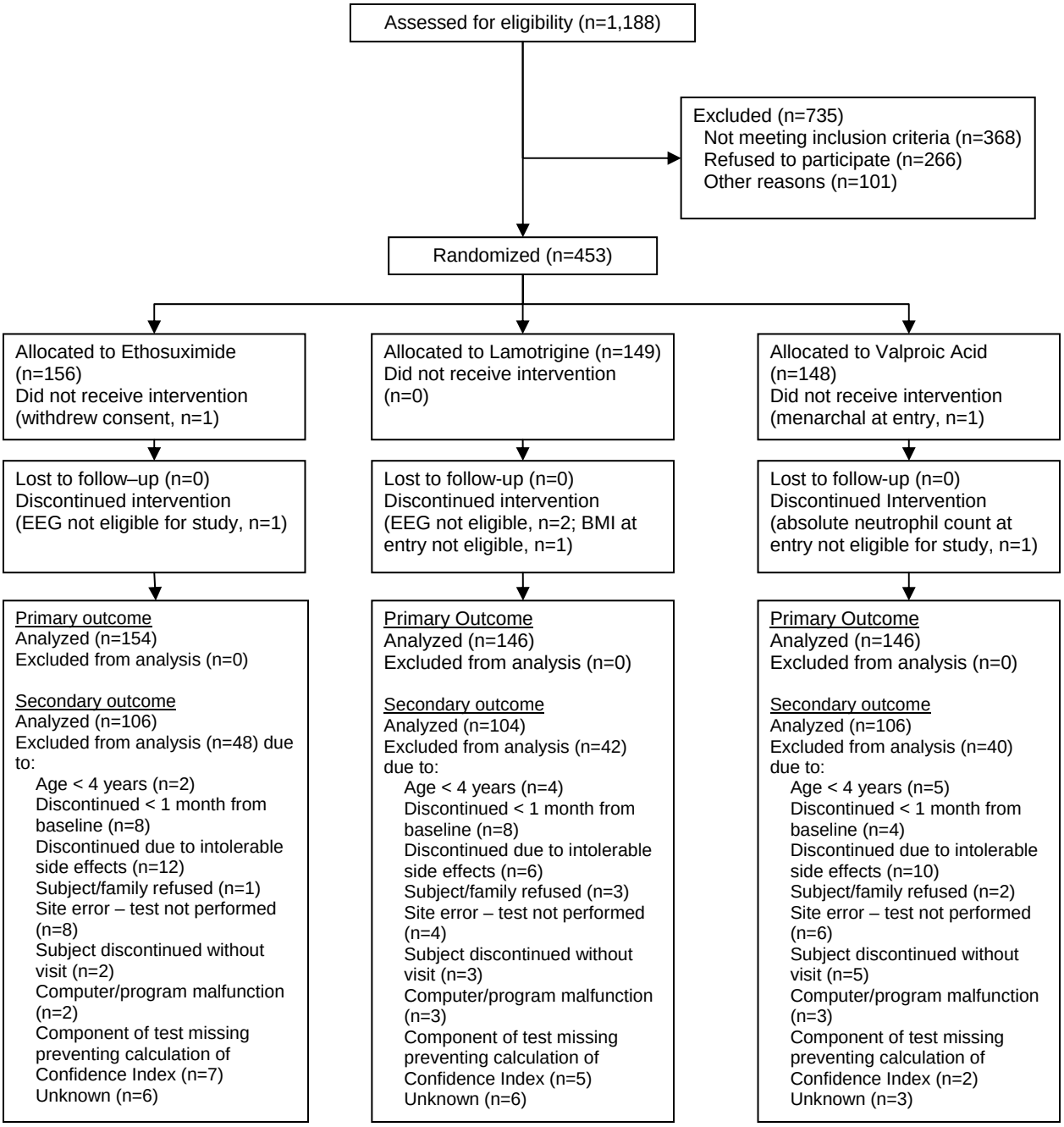
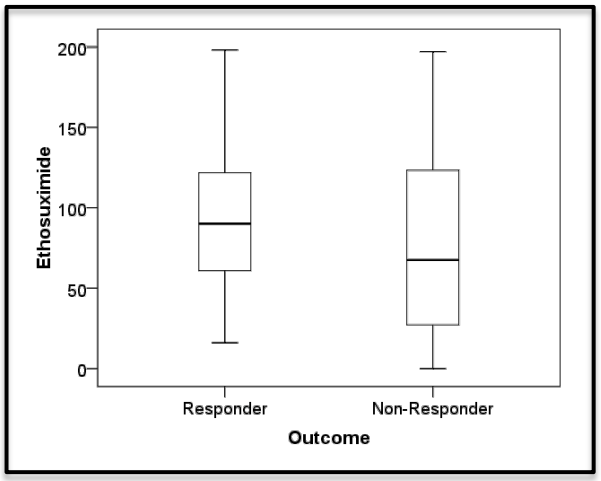
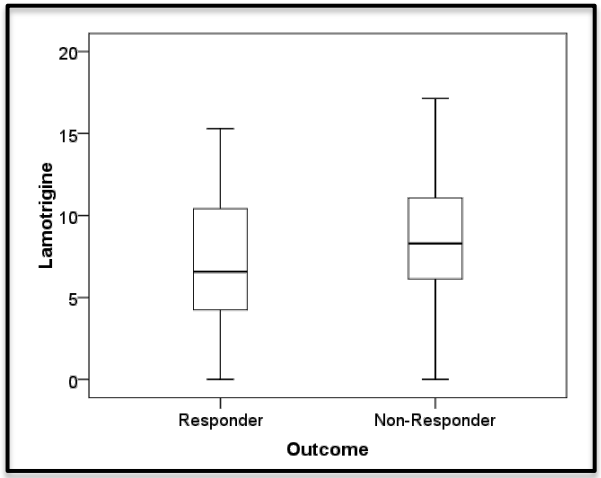
Supplementary Appendix

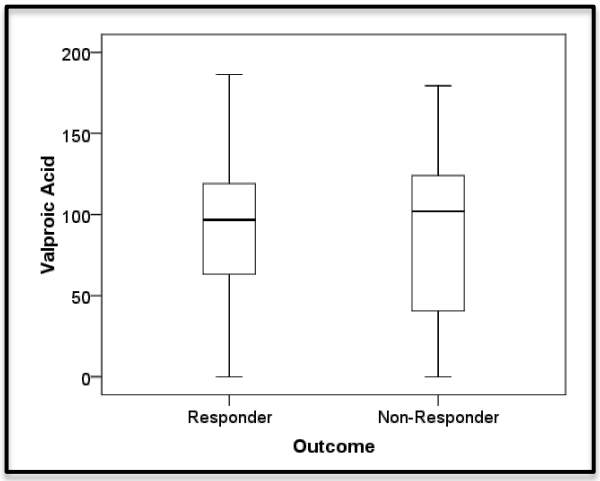
This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Glauser TA, Cnaan A, Shinnar S, et al. Ethosuximide, valproic acid, and lamotrigine in childhood absence epilepsy. N Engl J Med 2010;362:790-9.


Assessed for eligibility (n=1,188)
Excluded (n=735)
Not meeting inclusion criteria (n=368)
Refused to participate (n=266)
Other reasons (n=101)
Randomized (n=453)
Allocated to Ethosuximide (n=156)
Did not receive intervention (withdrew consent, n=1)
Allocated to Lamotrigine (n=149)
Did not receive intervention (n=0)
Allocated to Valproic Acid (n=148)
Did not receive intervention (menarchal at entry, n=1)
Lost to follow–up (n=0)
Discontinued intervention (EEG not eligible for study, n=1)
Lost to follow-up (n=0)
Discontinued intervention (EEG not eligible, n=2; BMI at entry not eligible, n=1)
Lost to follow-up (n=0)
Discontinued Intervention (absolute neutrophil count at entry not eligible for study, n=1)
Primary outcome
Analyzed (n=154)
Excluded from analysis (n=0)
Secondary outcome
Analyzed (n=106)
Excluded from analysis (n=48) due to:
Age < 4 years (n=2)
Discontinued < 1 month from baseline (n=8)
Discontinued due to intolerable side effects (n=12)
Subject/family refused (n=1)
Site error – test not performed (n=8)
Subject discontinued without visit (n=2)
Computer/program malfunction (n=2)
Component of test missing preventing calculation of Confidence Index (n=7)
Unknown (n=6)
Primary Outcome
Analyzed (n=146)
Excluded from analysis (n=0)
Secondary outcome
Analyzed (n=104)
Excluded from analysis (n=42) due to:
Age < 4 years (n=4)
Discontinued < 1 month from baseline (n=8)
Discontinued due to intolerable side effects (n=6)
Subject/family refused (n=3)
Site error – test not performed (n=4)
Subject discontinued without visit (n=3)
Computer/program malfunction (n=3)
Component of test missing preventing calculation of Confidence Index (n=5)
Unknown (n=6)
Primary Outcome
Analyzed (n=146)
Excluded from analysis (n=0)
Secondary outcome
Analyzed (n=106)
Excluded from analysis (n=40) due to:
Age < 4 years (n=5)
Discontinued < 1 month from baseline (n=4)
Discontinued due to intolerable side effects (n=10)
Subject/family refused (n=2)
Site error – test not performed (n=6)
Subject discontinued without visit (n=5)
Computer/program malfunction (n=3)
Component of test missing preventing calculation of Confidence Index (n=2)
Unknown (n=3)


Ethosuximide
200
150
100
50
0
Responder
Non-Responder
Outcome


Lamotrigine
20
15
10
5
0
Responder
Non-Responder
Outcome


Valproic Acid
200
150
100
50
0
Responder
Non-Responder
Outcome