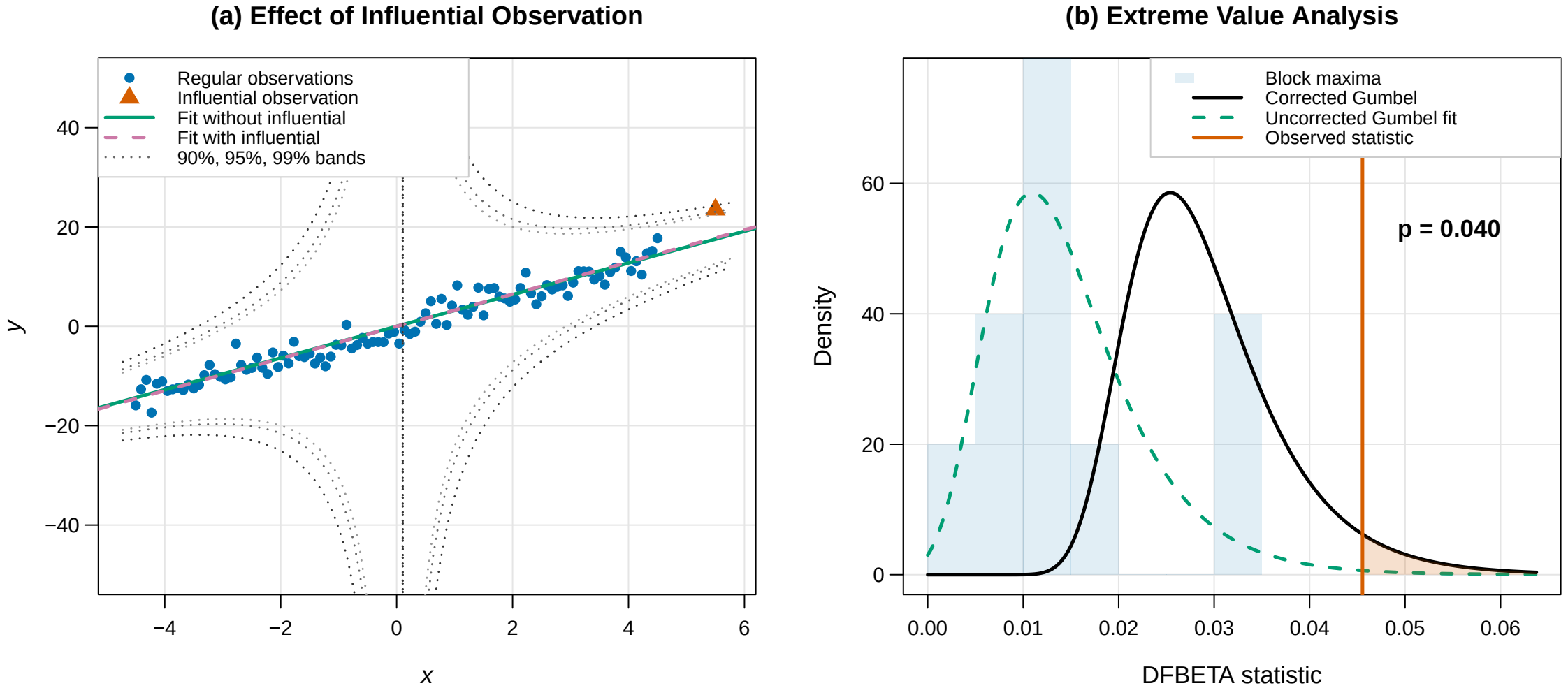
(a) Effect of Influential Observation
Regular observations
Influential observation
Fit without influential
Fit with influential
90%, 95%, 99% bands
y
x
40
20
0
−20
−40
−4
−2
0
2
4
6
(b) Extreme Value Analysis
Block maxima
Corrected Gumbel
Uncorrected Gumbel fit
Observed statistic
p = 0.040
Density
DFBETA statistic
60
40
20
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06