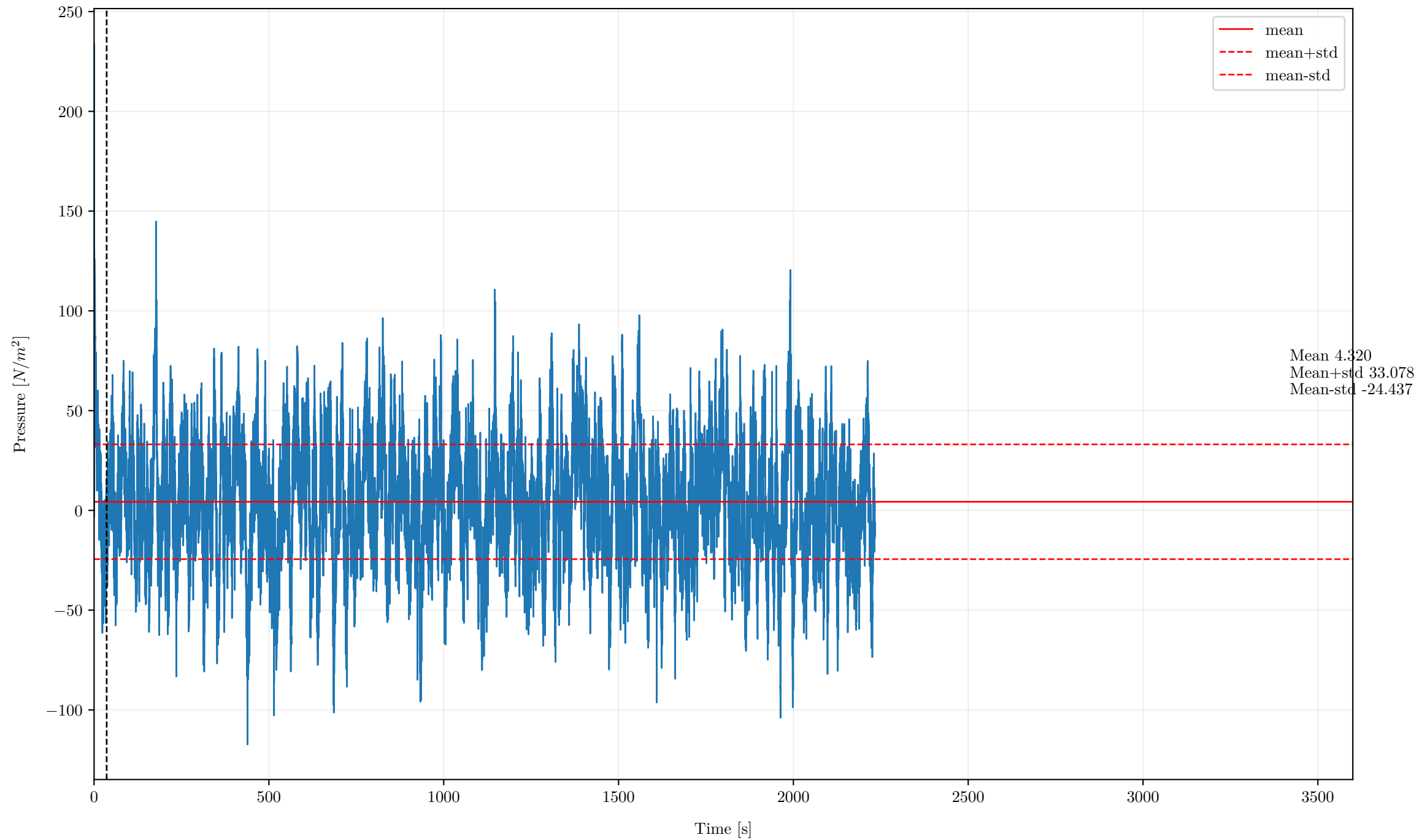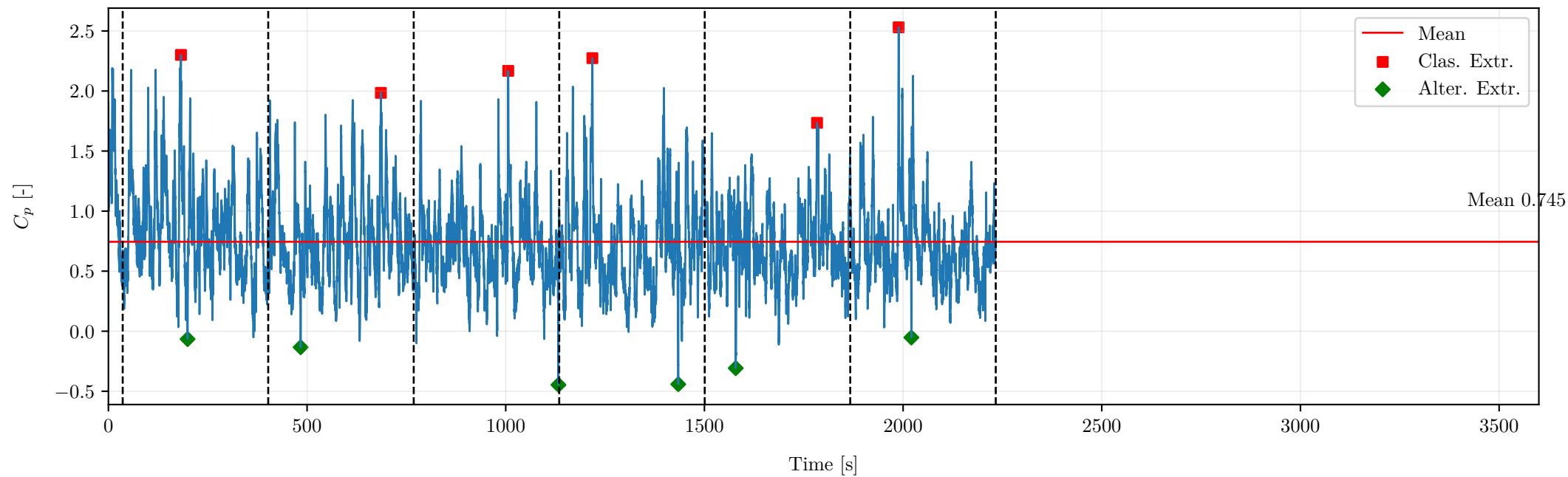Results for reference tap "-120" at: -120.0, 0.0, 11.0

Time history
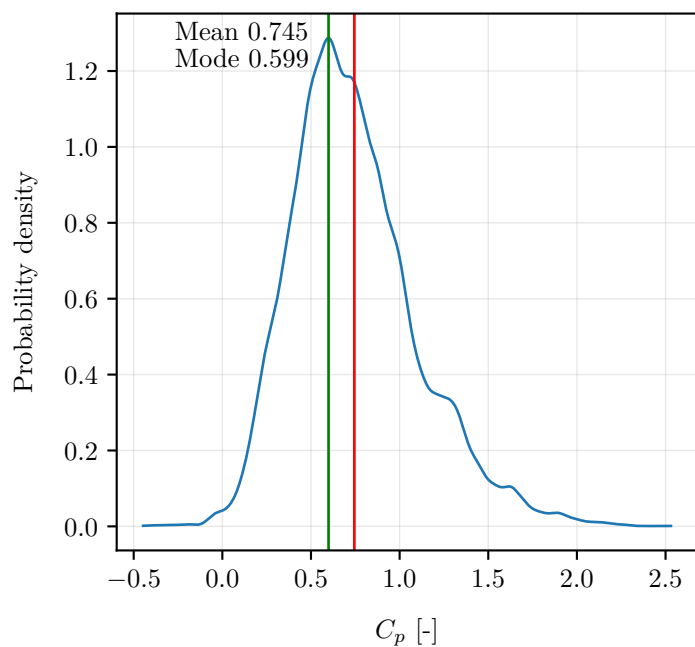
Results for tap "1" at: -13.75, 0.0, 1.1

Results for tap "2" at: -13.75, 0.0, 4.03

Time history

PDF of time history

PDF of Classical Extrema

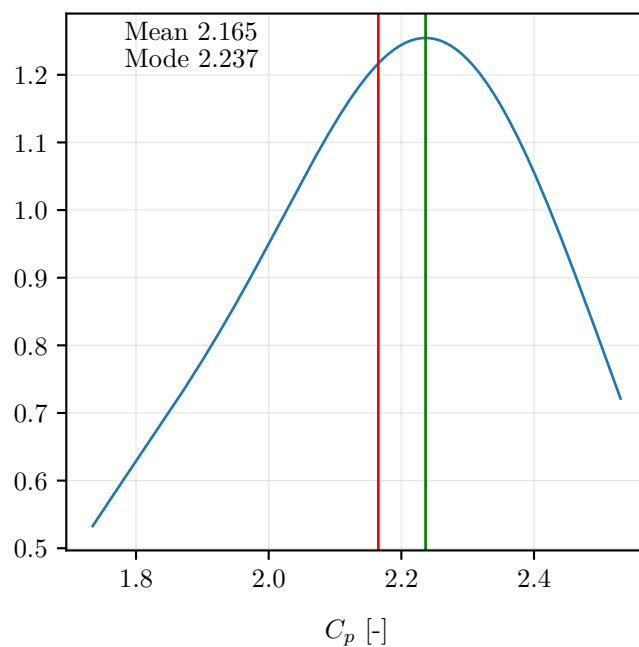## PDF of Alternative Extrema
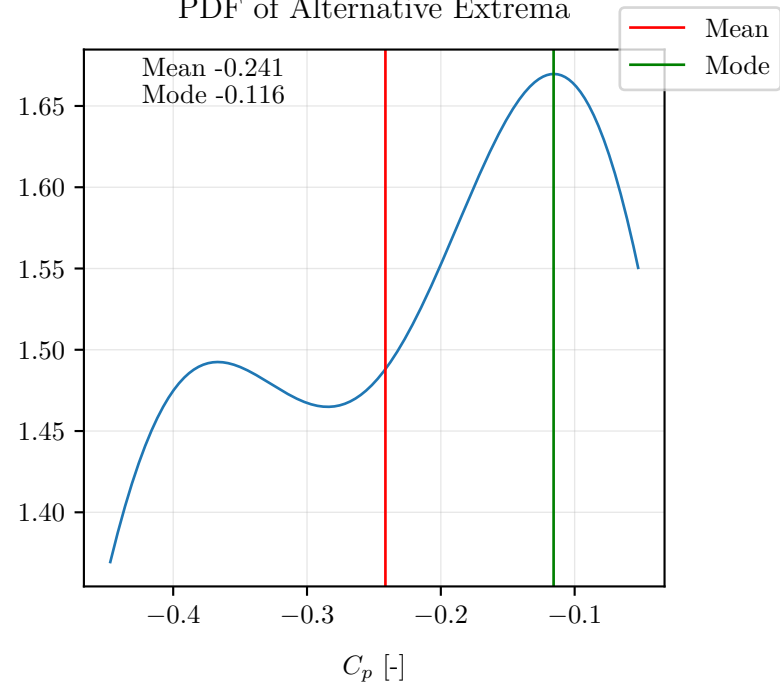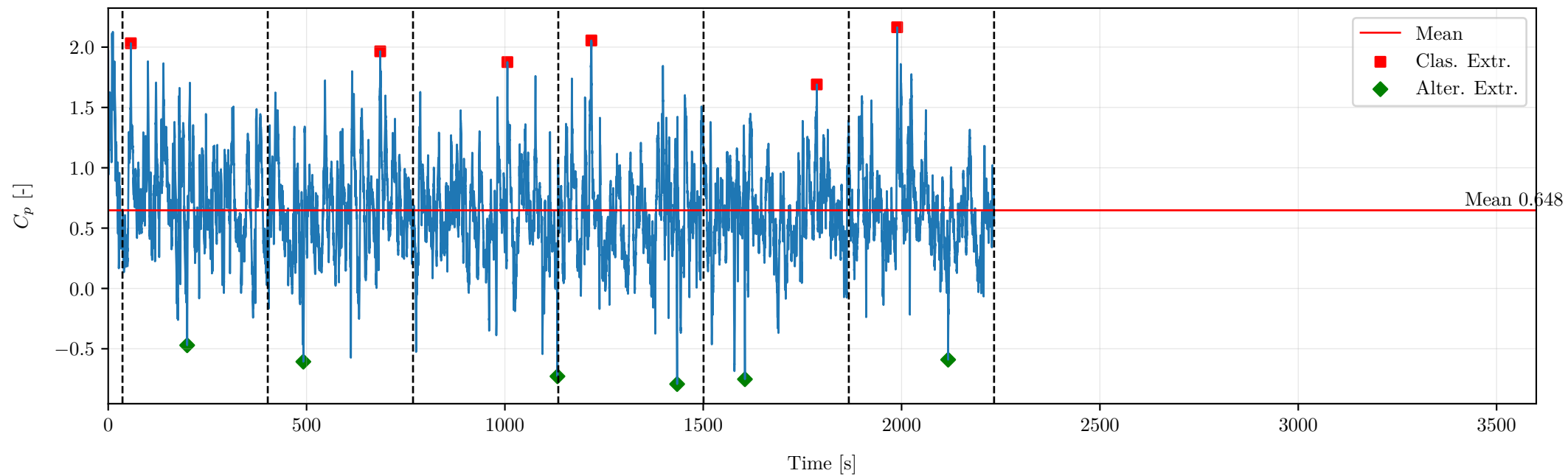
Results for tap "3" at: -13.75, 0.0, 6.97

Time history

PDF of time history
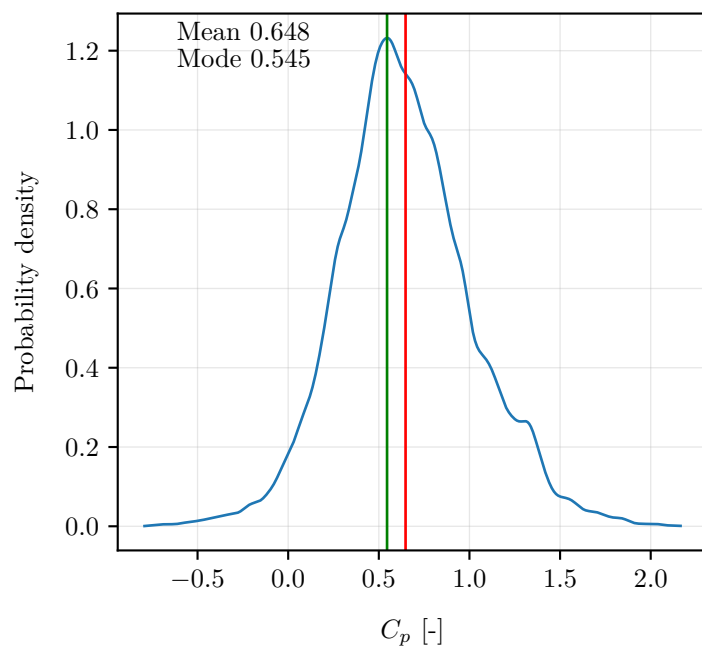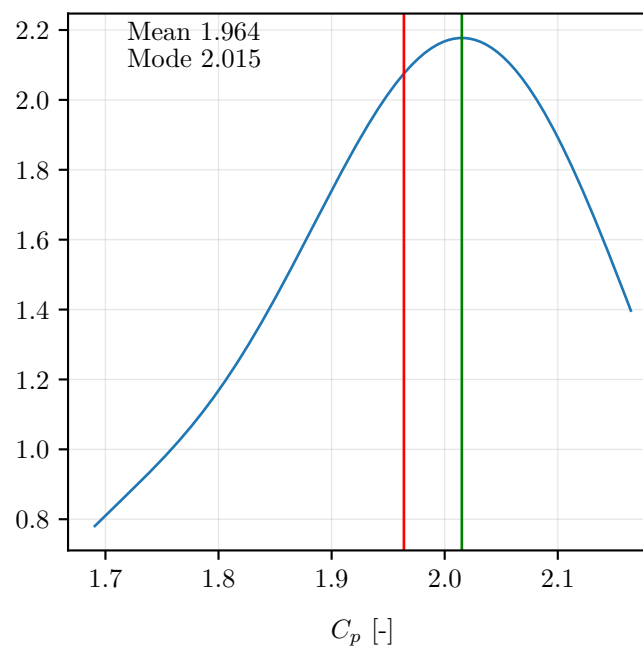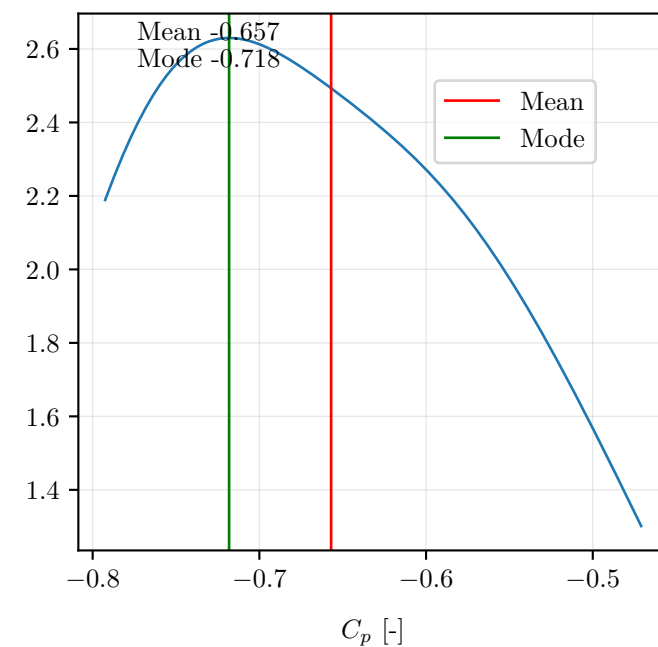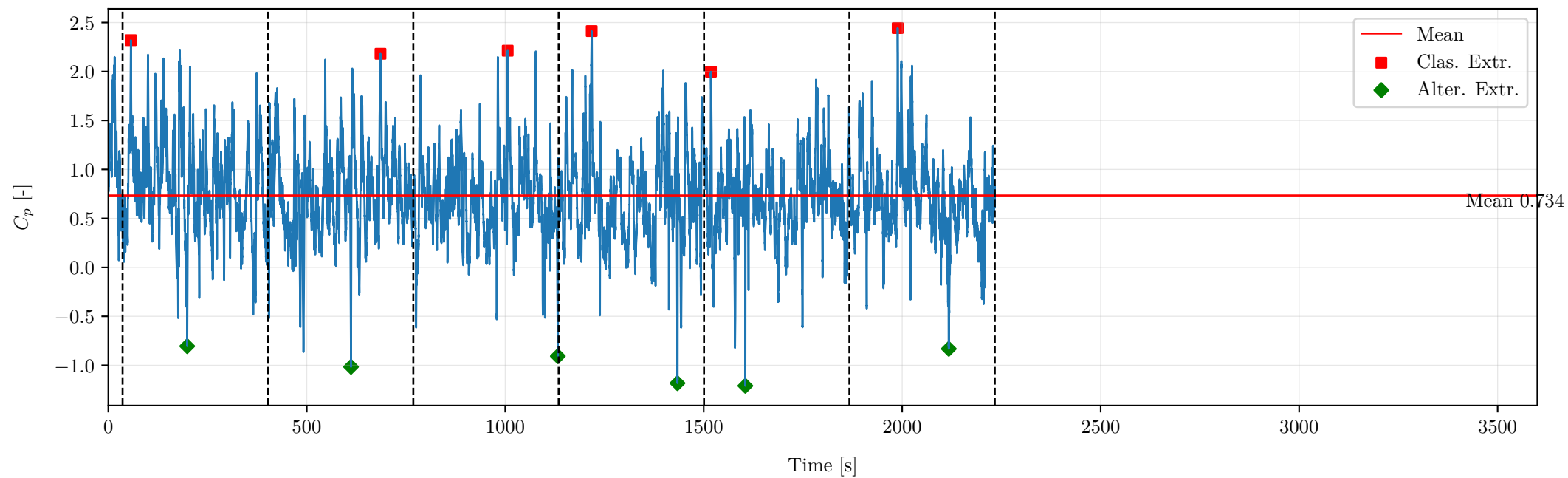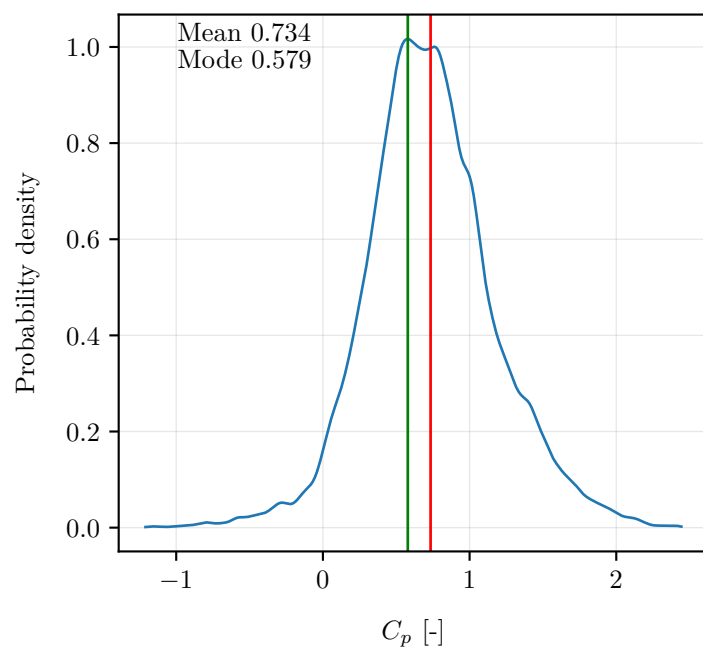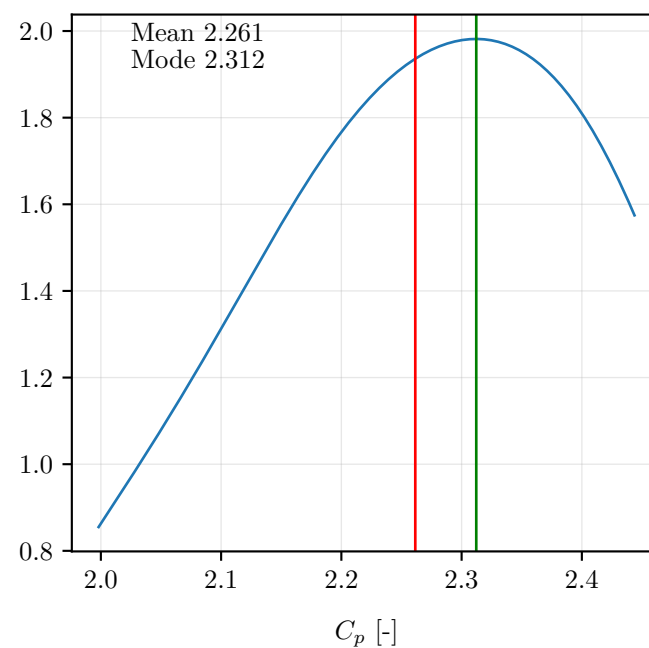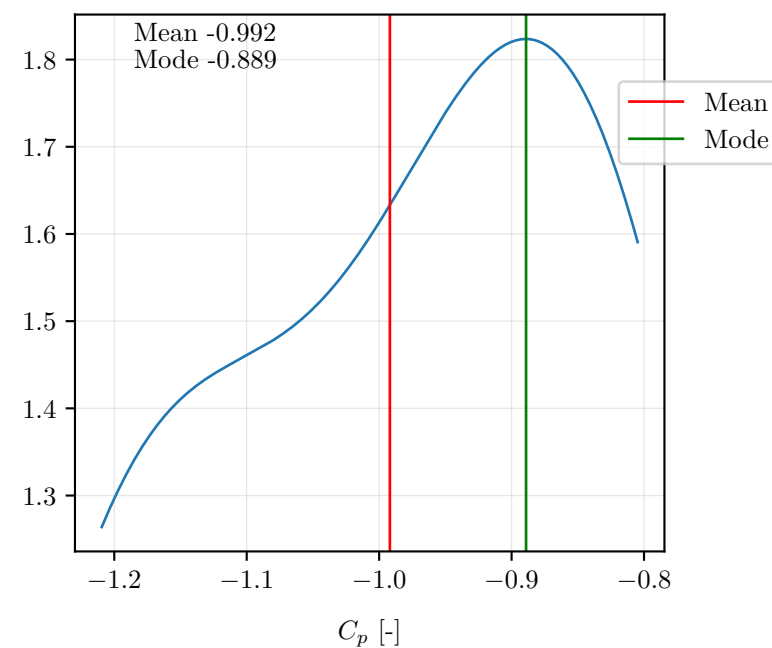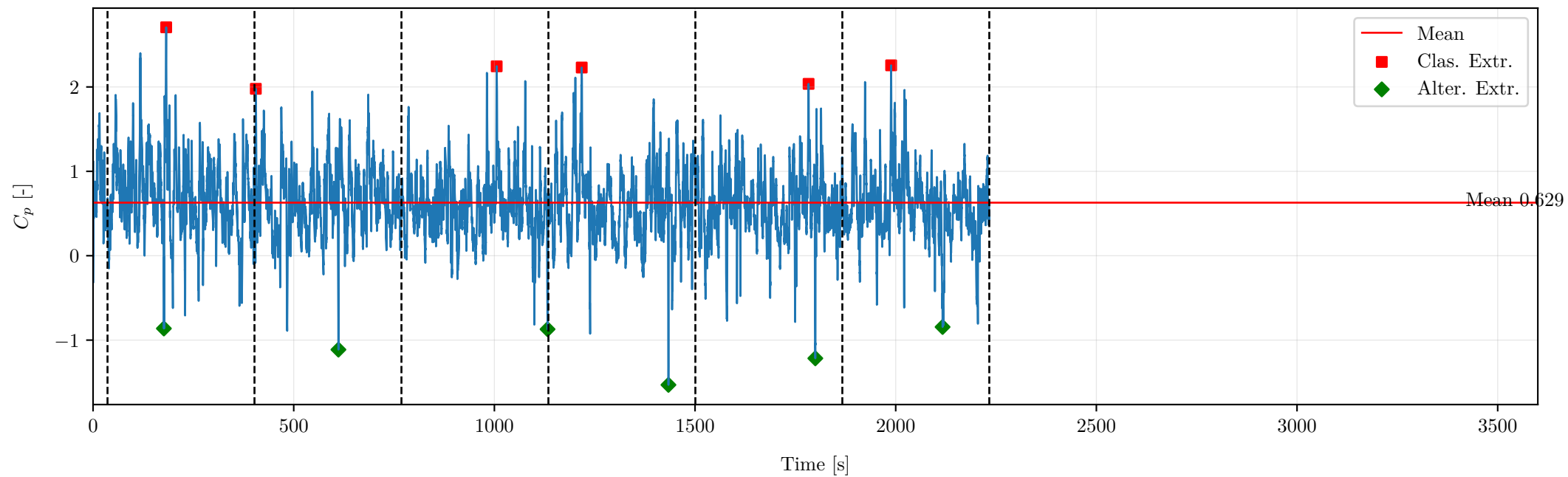
PDF of Classical Extrema

PDF of Alternative Extrema

Results for tap "4" at: -13.75, 0.0, 9.9

Results for tap "5" at: -12.65, 0.0, 11.1

Time history

PDF of time history

PDF of Classical Extrema

PDF of Alternative Extrema
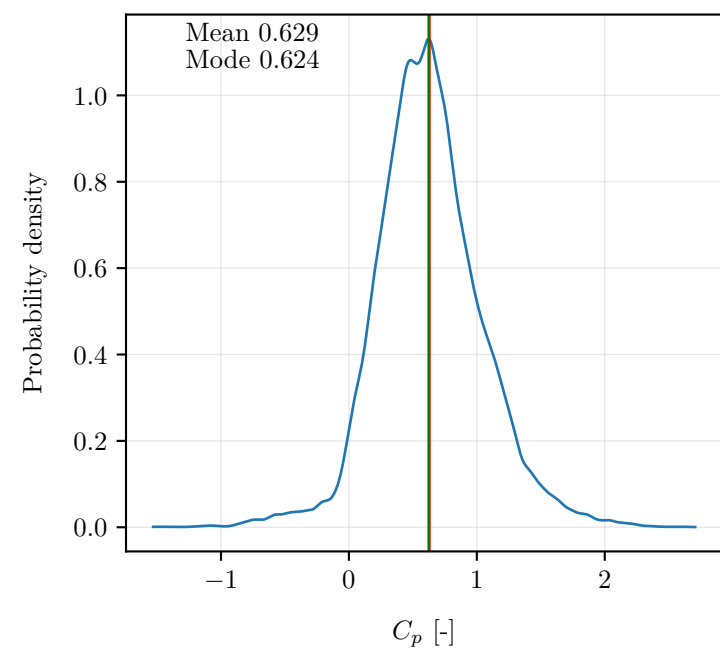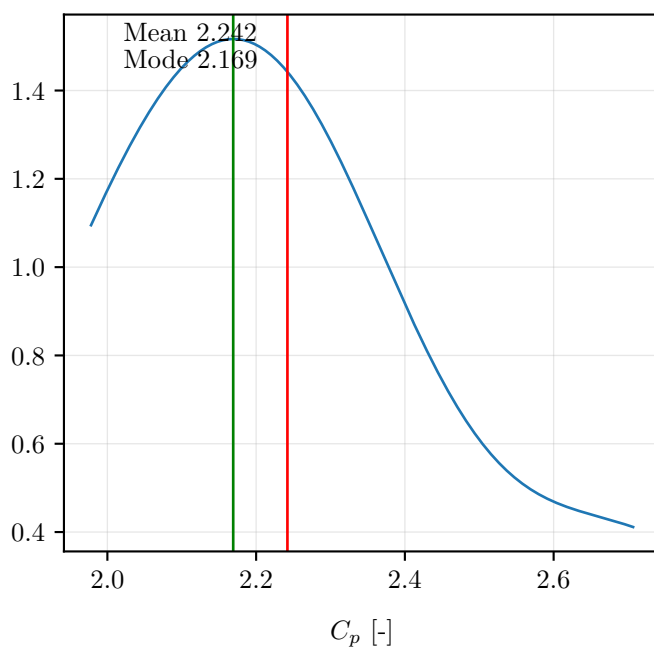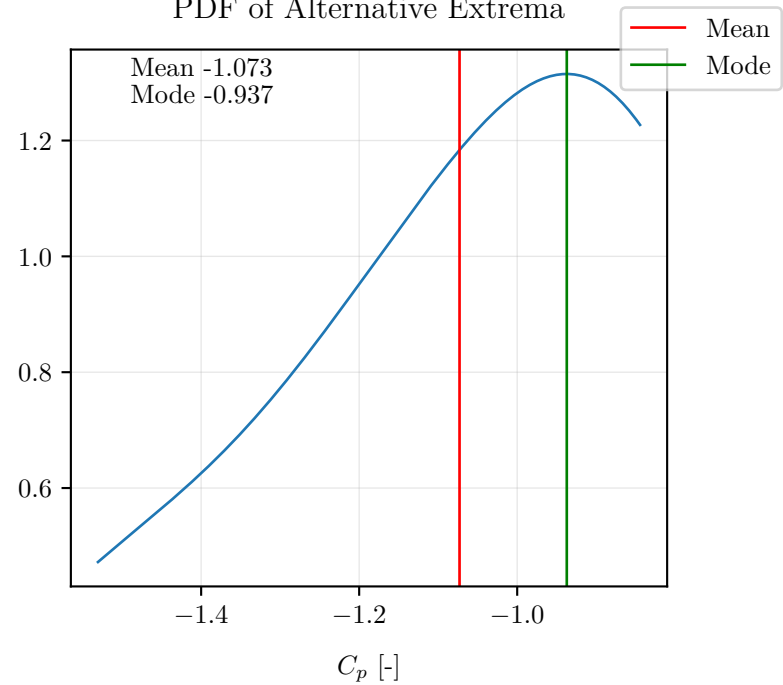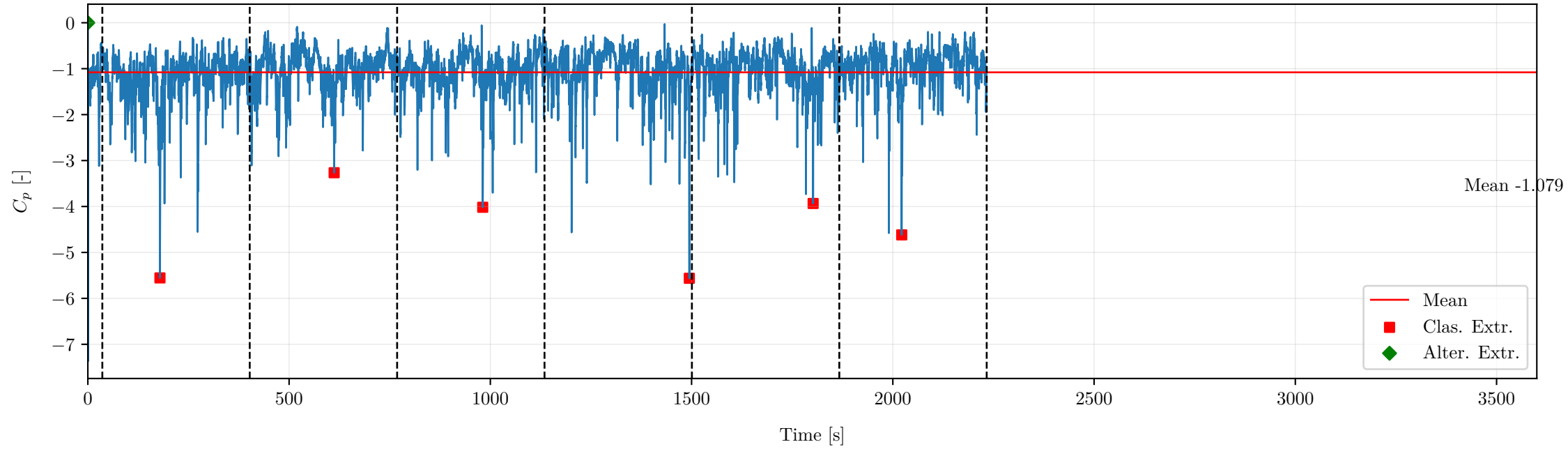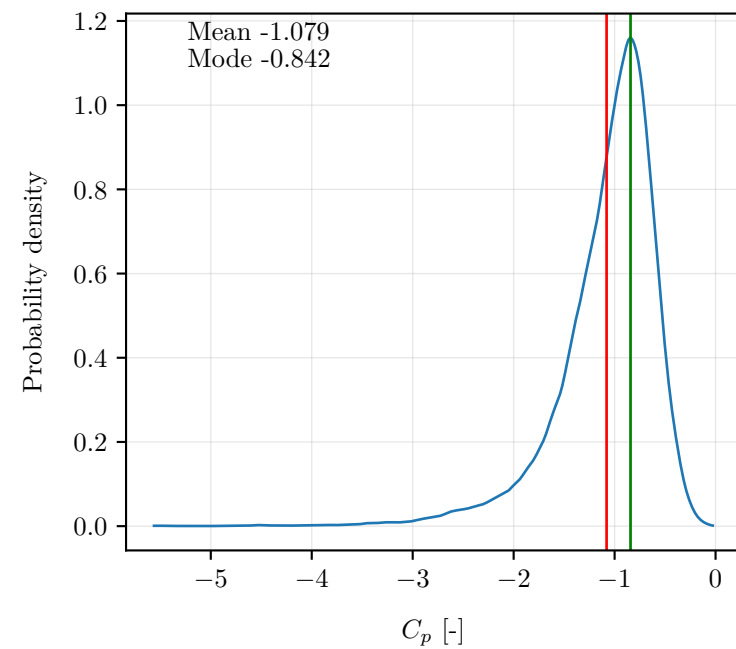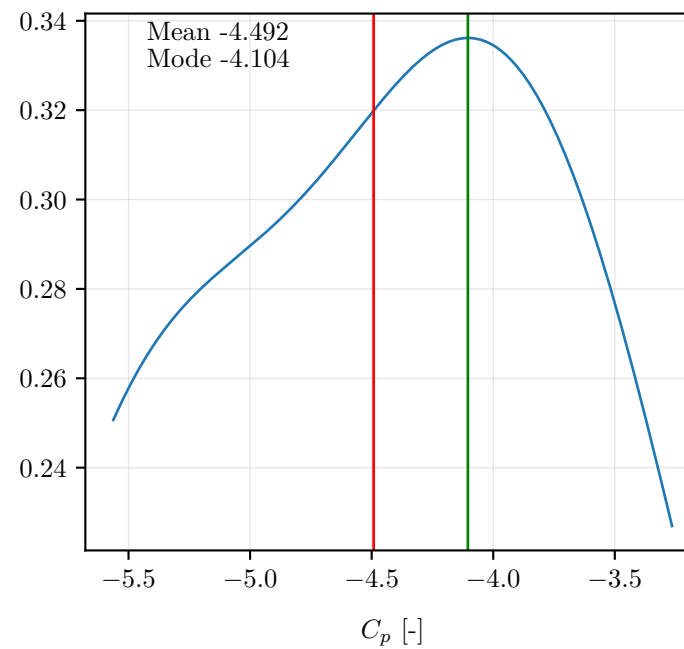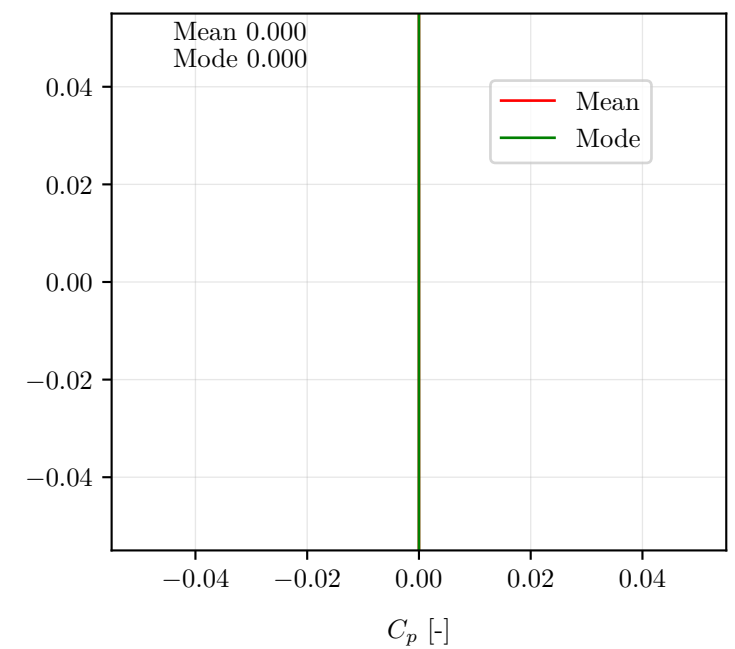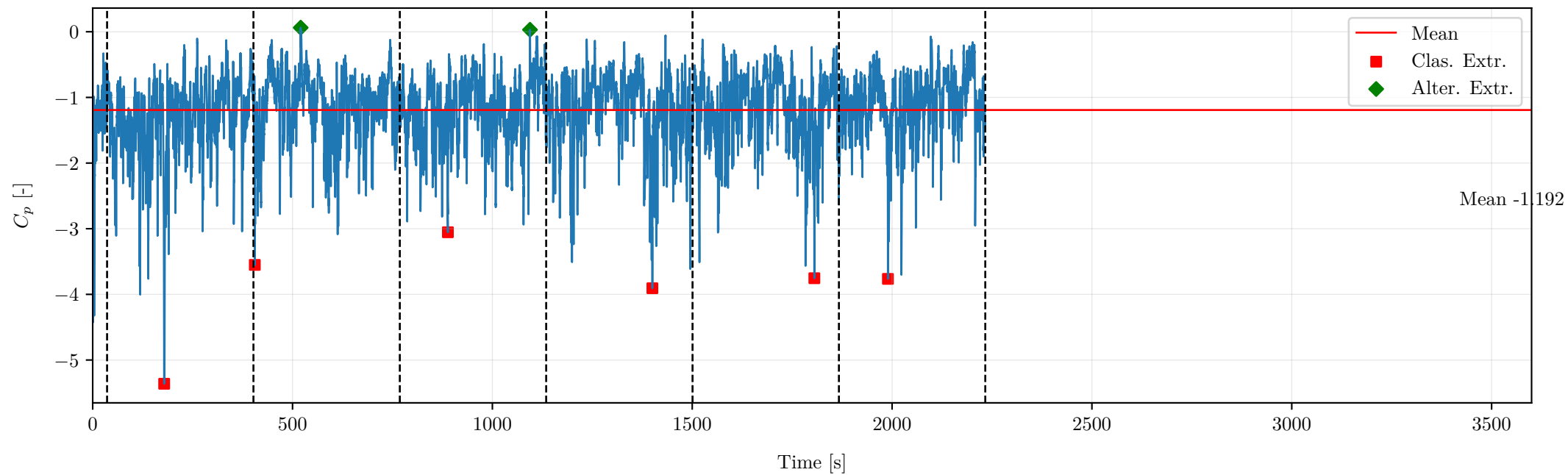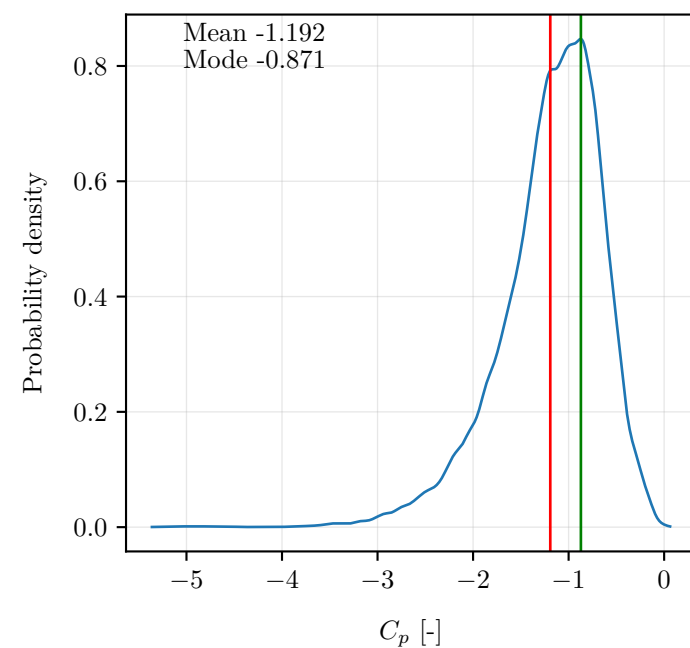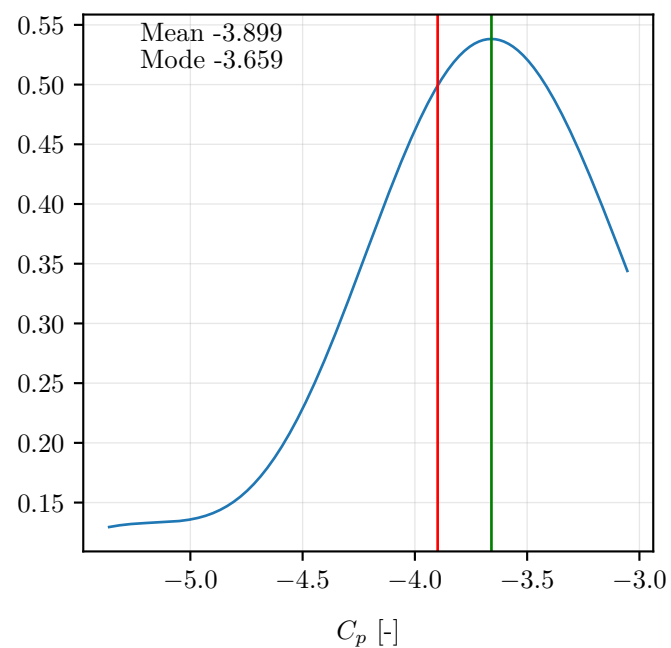
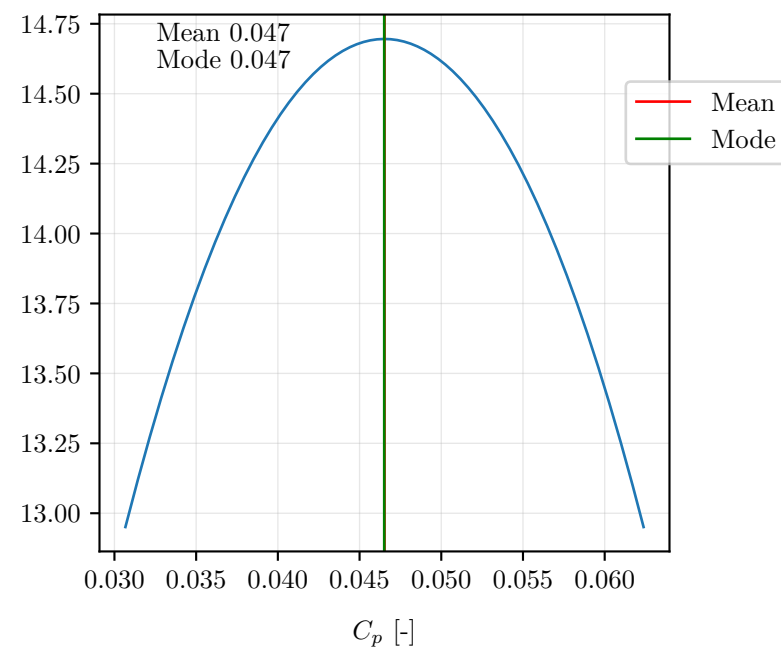Results for tap "6" at: -9.77, 0.0, 11.35

Time history

PDF of time history

PDF of Classical Extrema

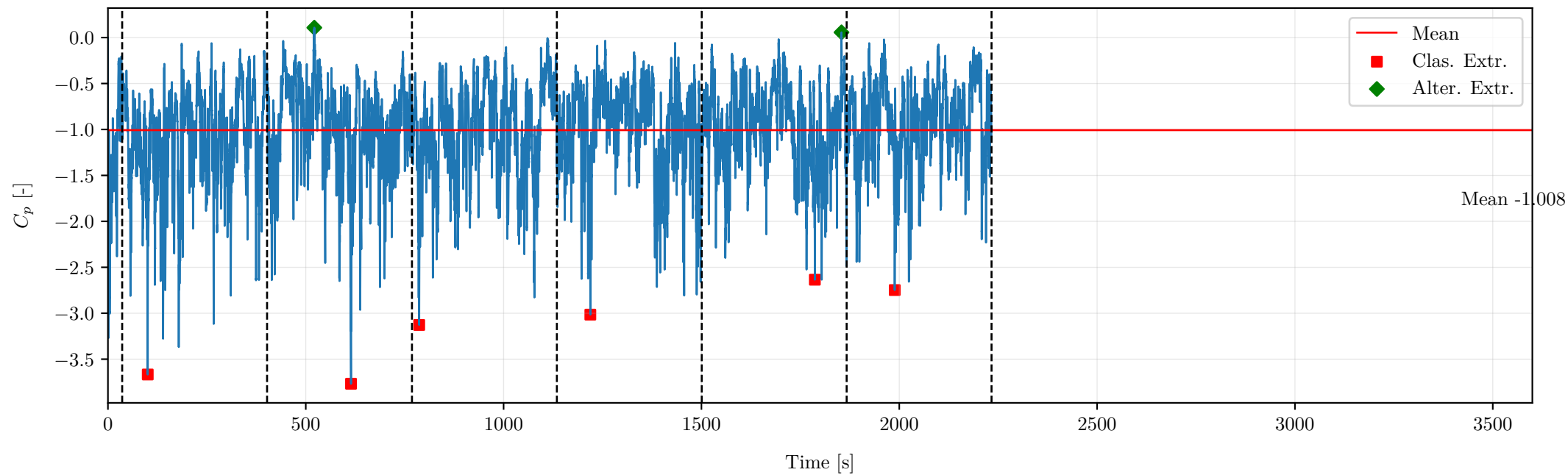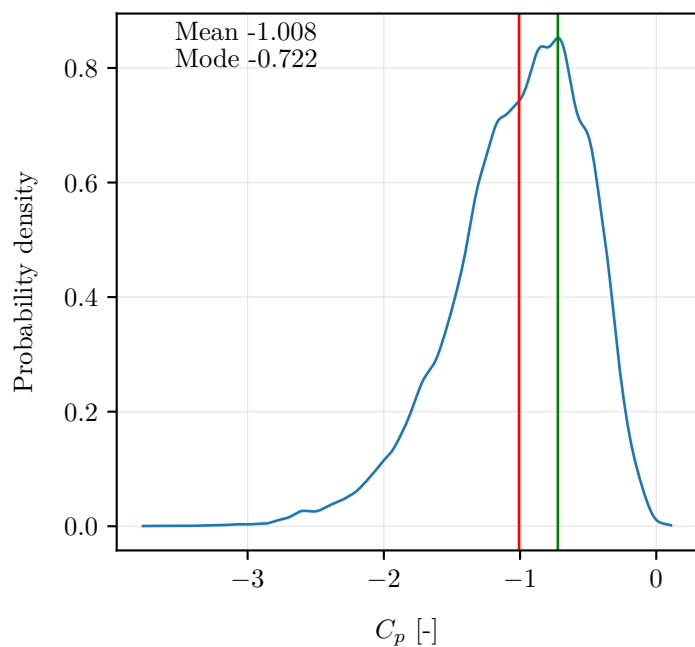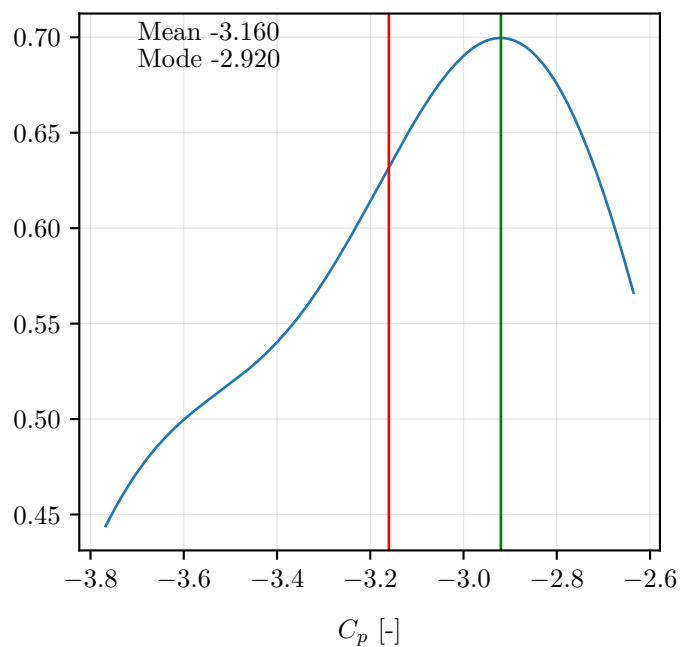PDF of Alternative Extrema

Results for tap "7" at: -6.89, 0.0, 11.6

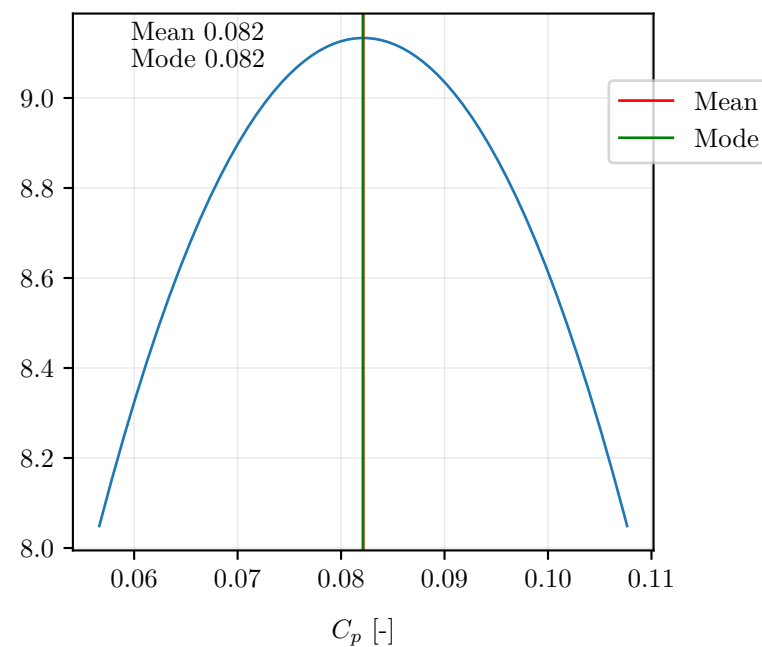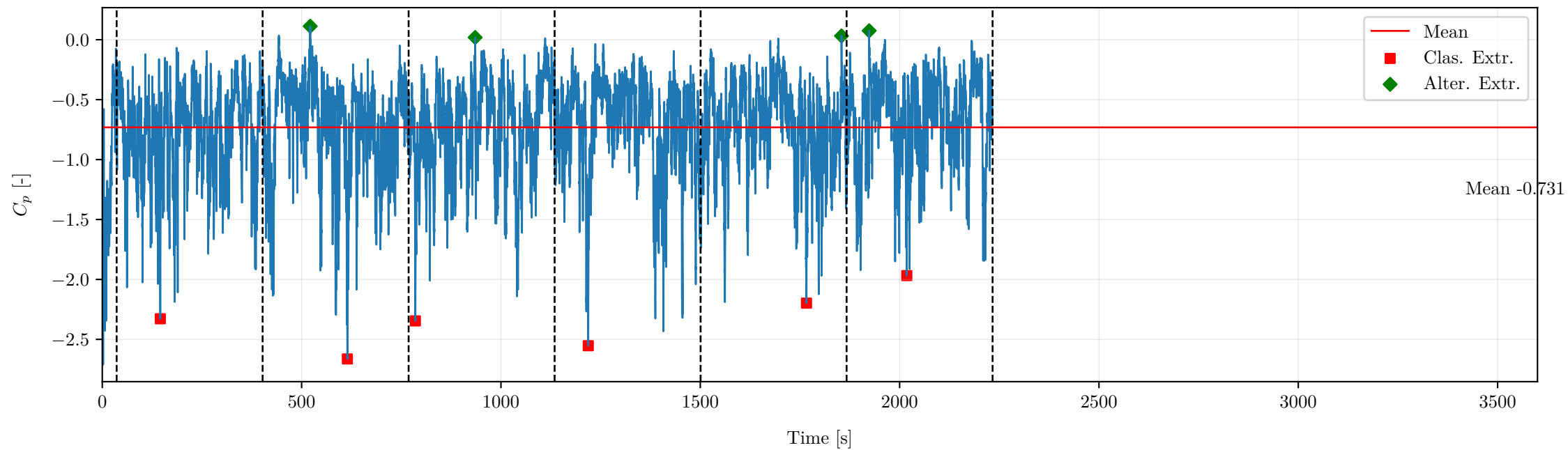# Results for tap "8" at: -4.0, 0.0, 11.85

Time history

PDF of time history

PDF of Classical Extrema

PDF of Alternative Extrema

Results for tap "9" at: -1.1, 0.0, 12.11

Results for tap "10" at: 1.1, 0.0, 12.11

Time history

Mean -0.494

PDF of time history

Mean -0.494
Mode -0.411

PDF of Classical Extrema

Mean -1.718
Mode -1.670

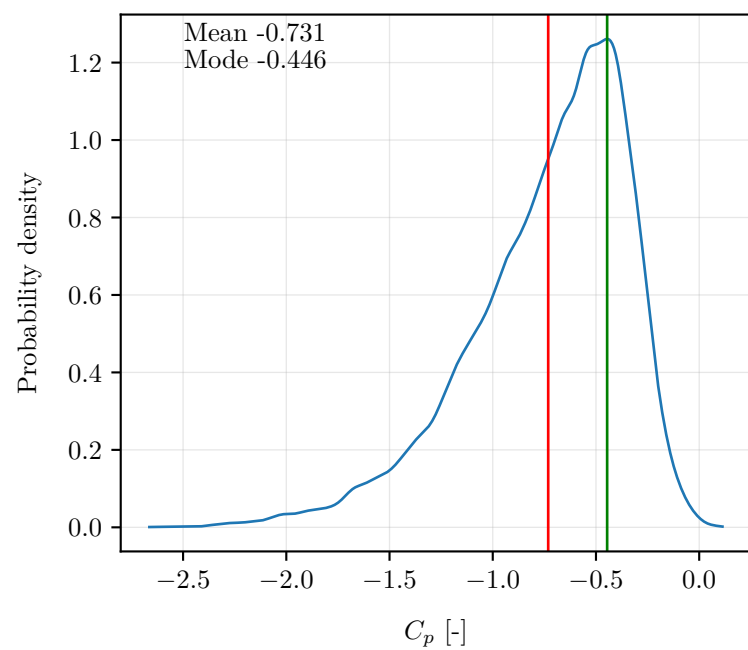## PDF of Alternative Extrema

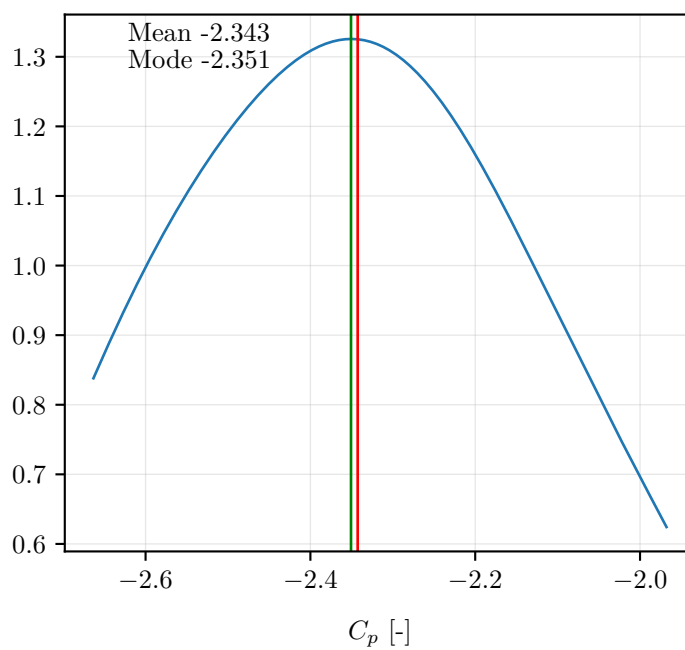Mean 0.156
Mode 0.093
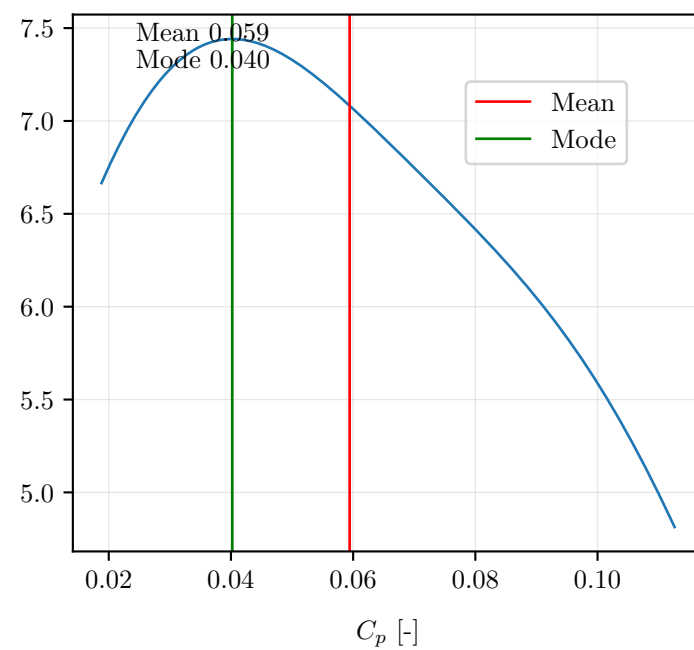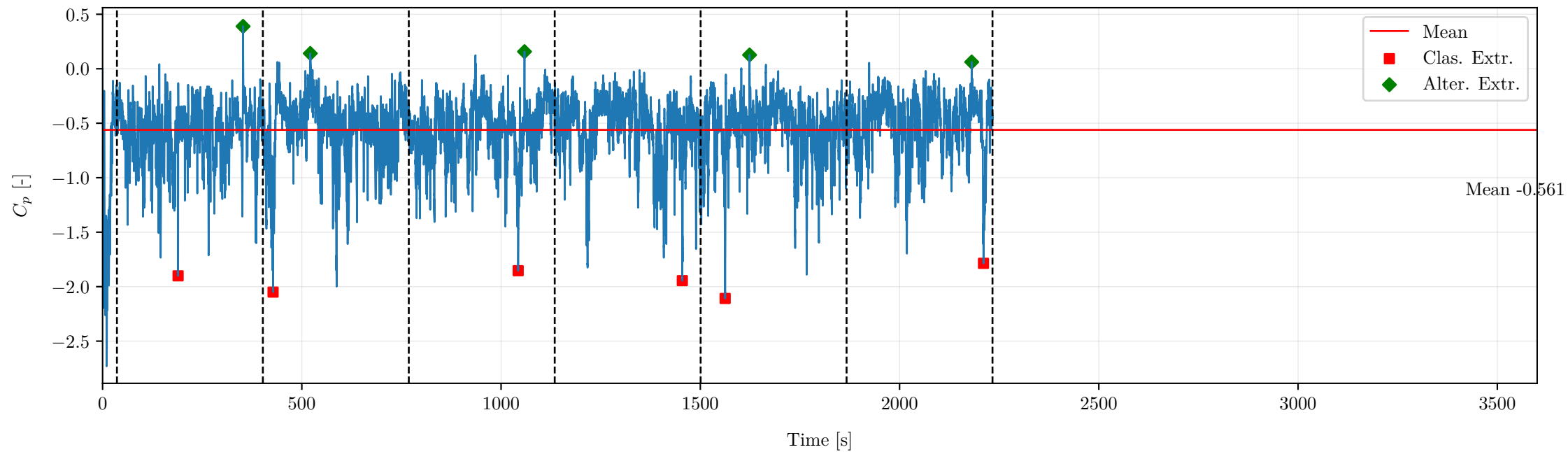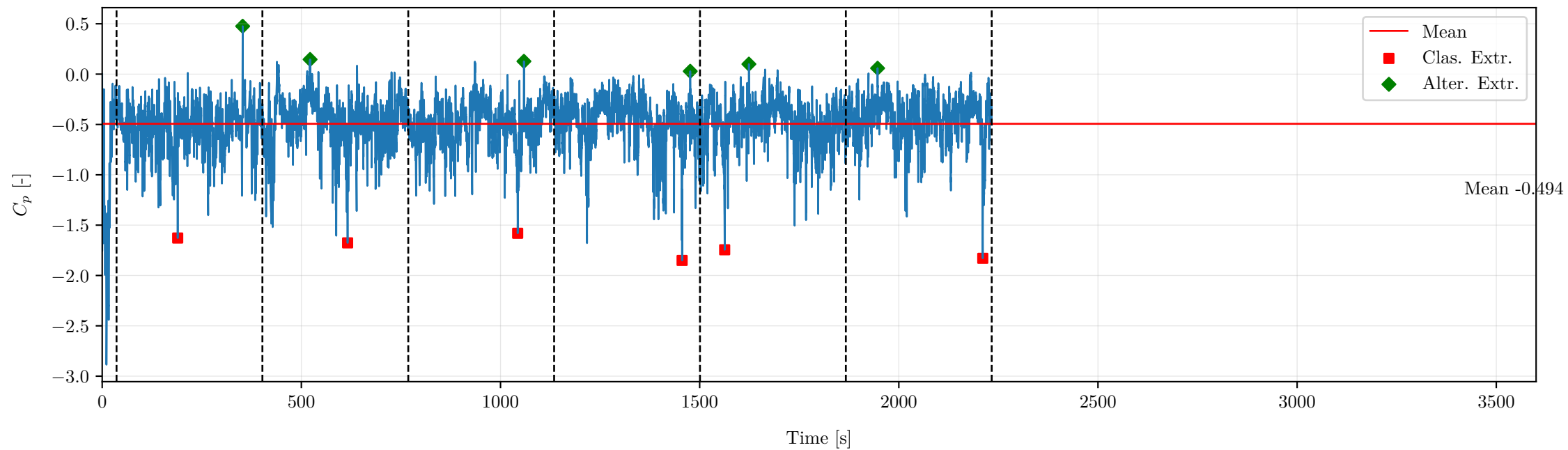
Results for tap "11" at: 4.0, 0.0, 11.85

Time history
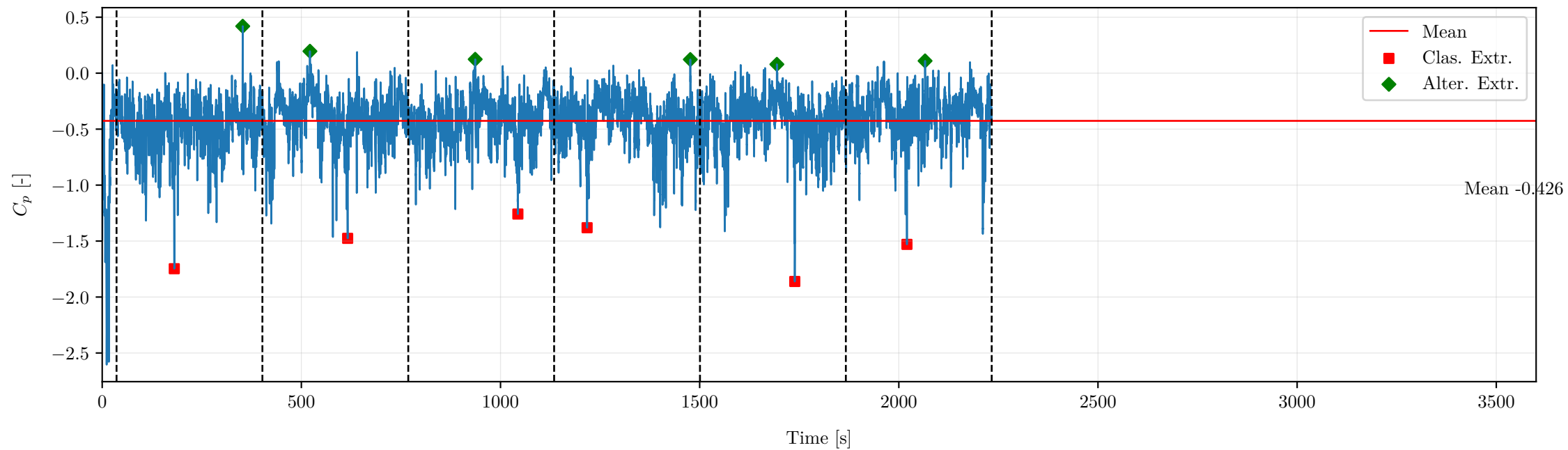
PDF of time history
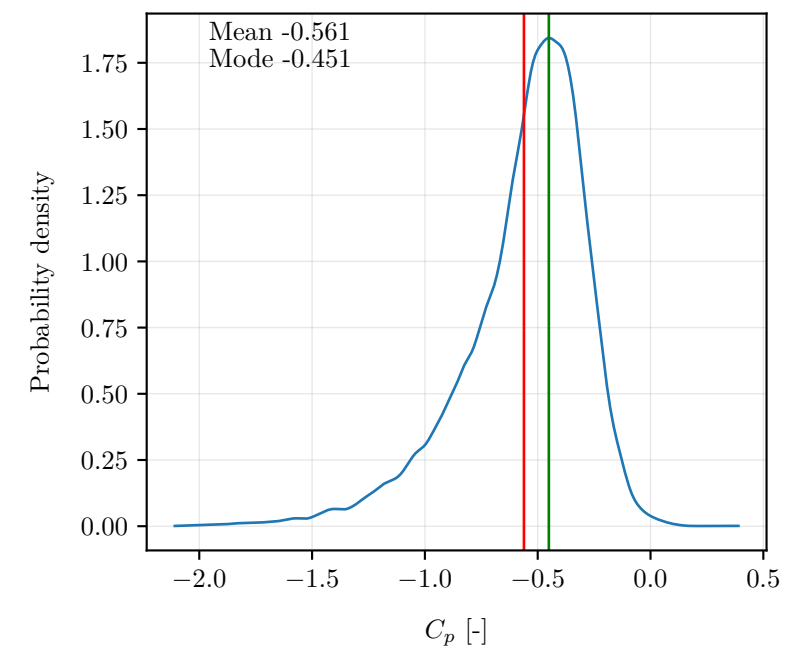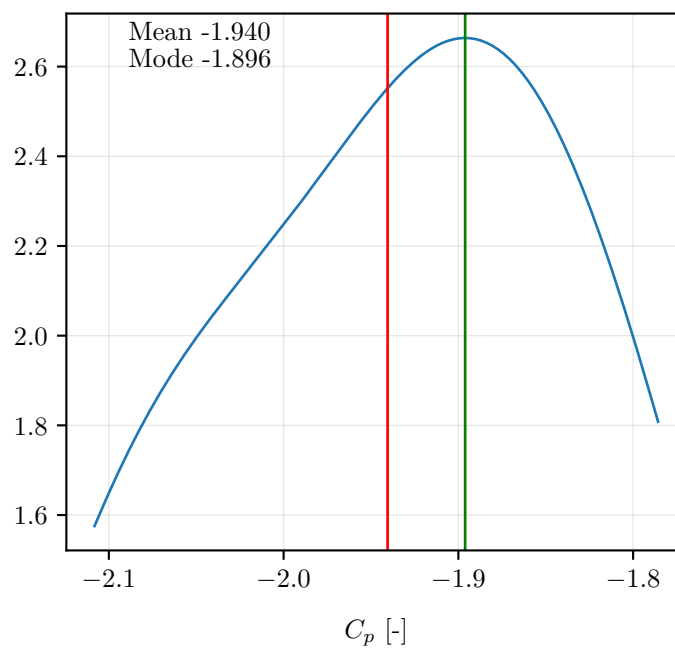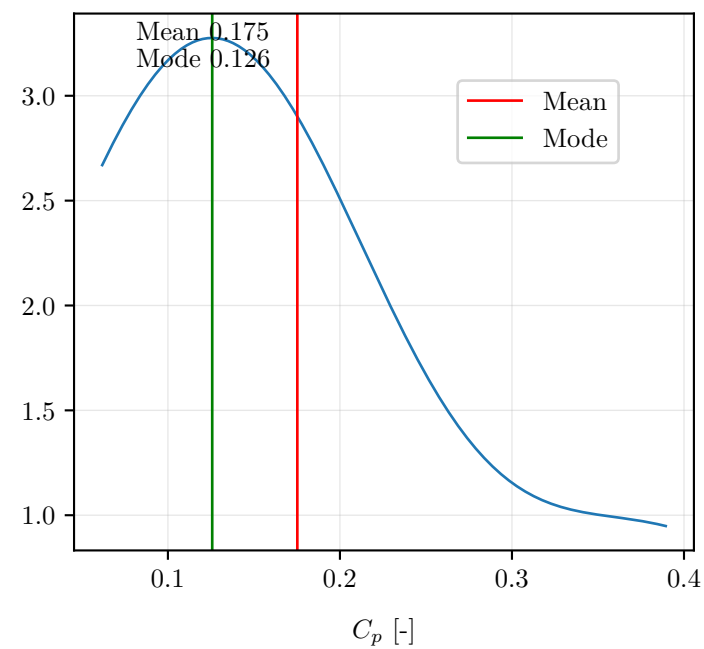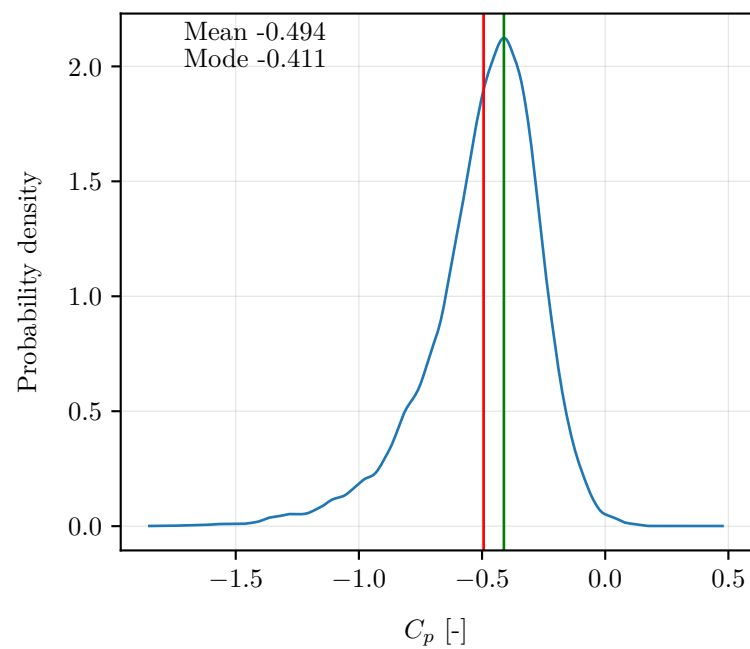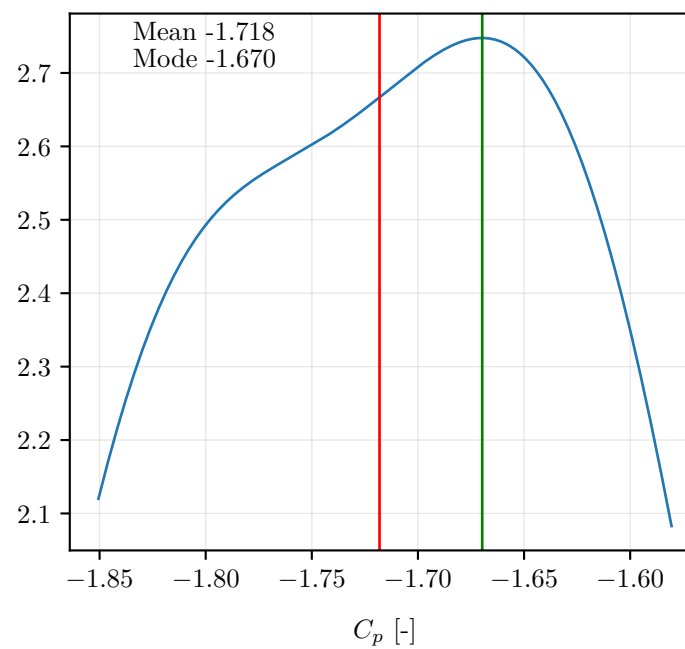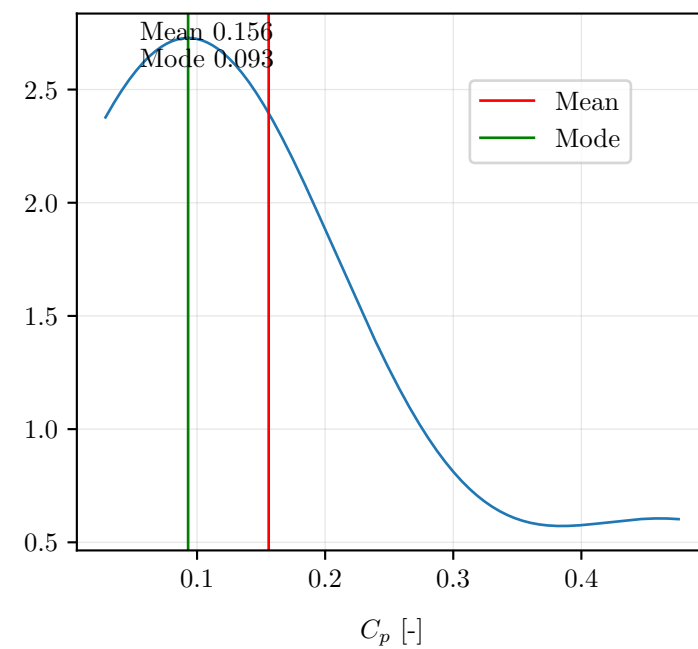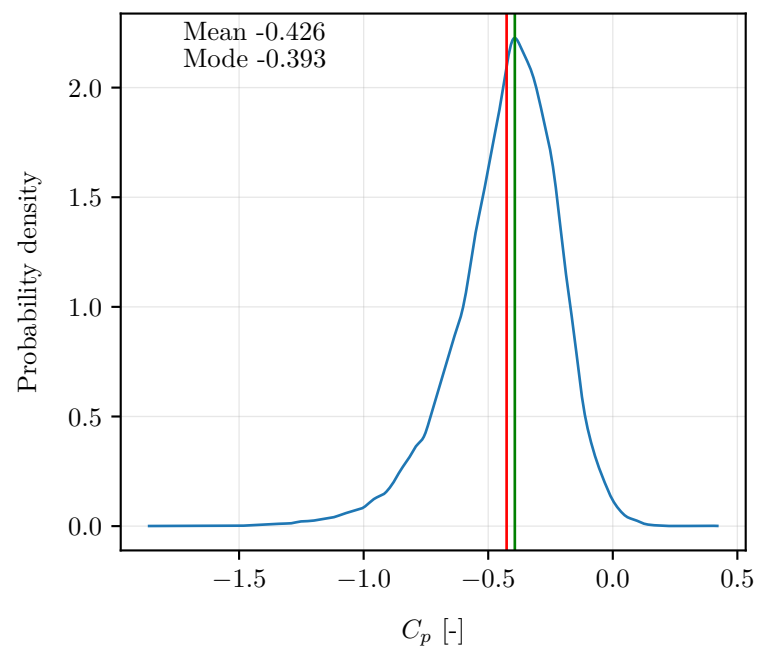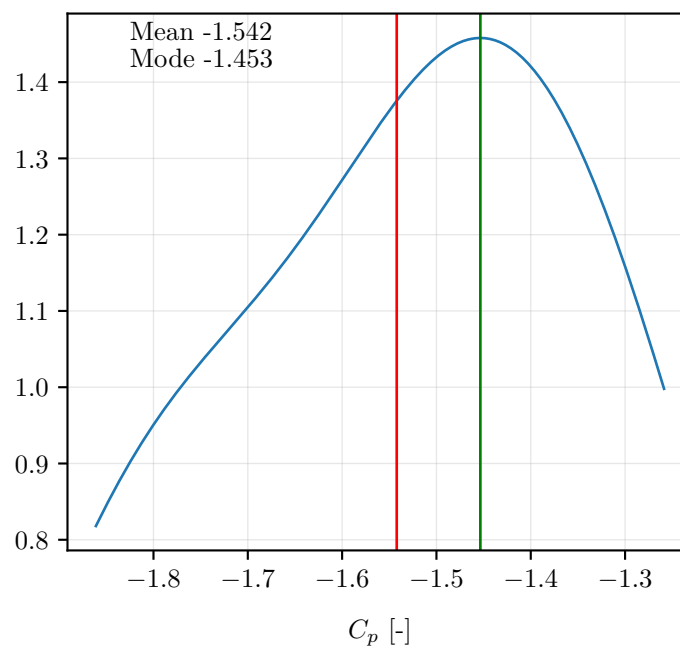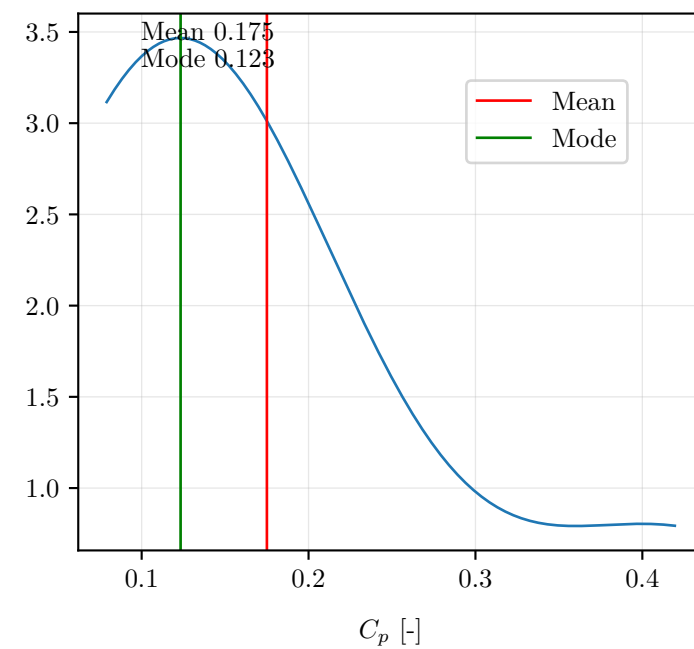
PDF of Classical Extrema

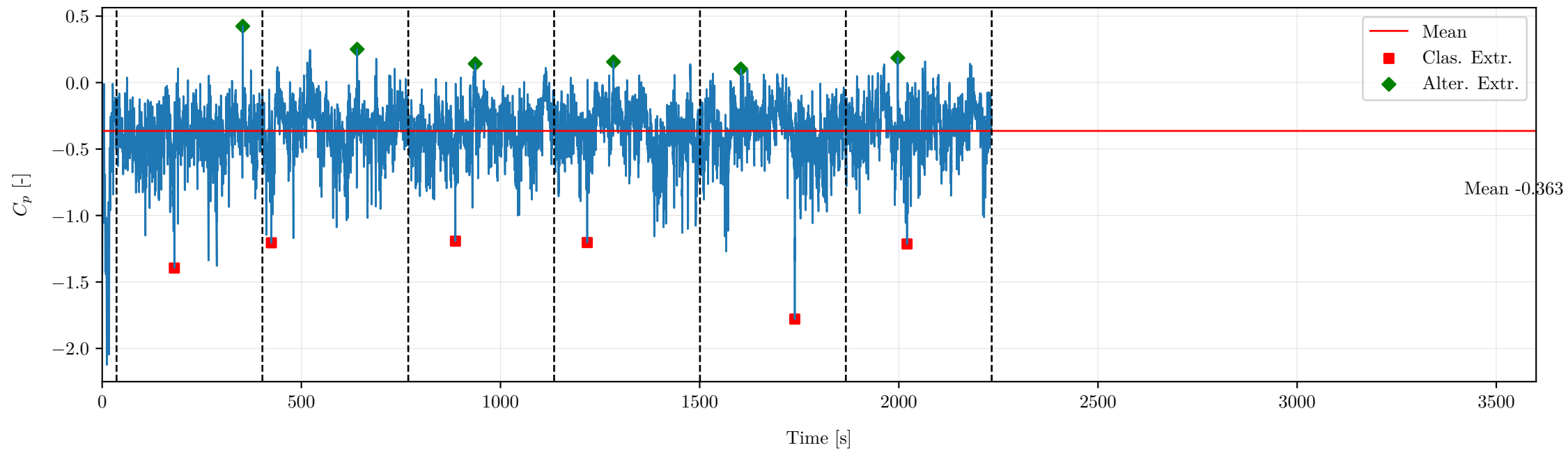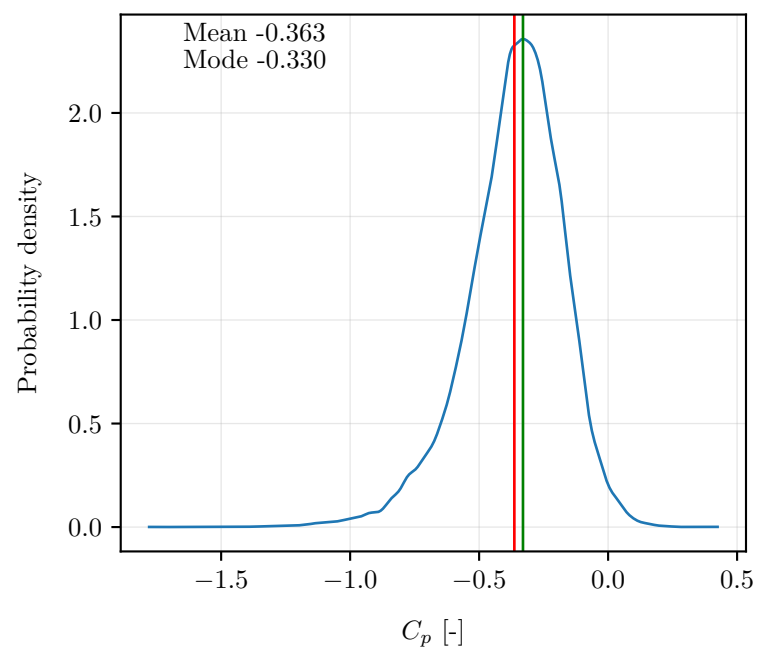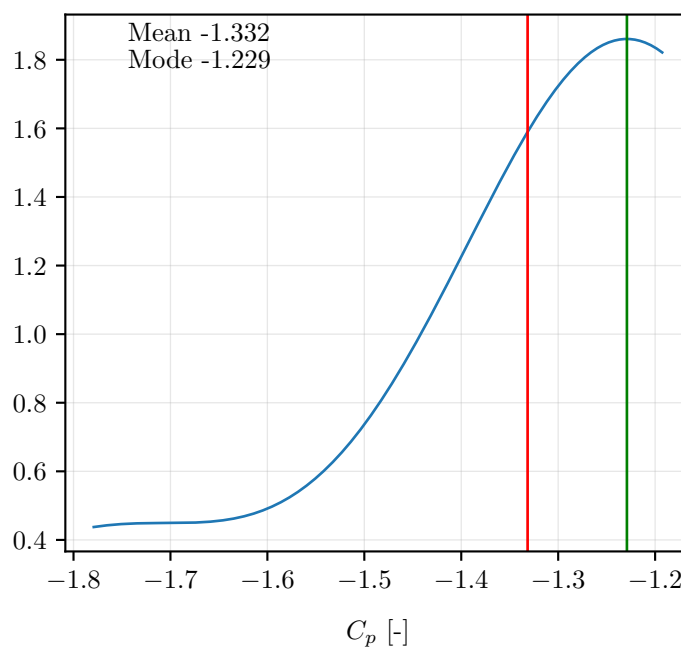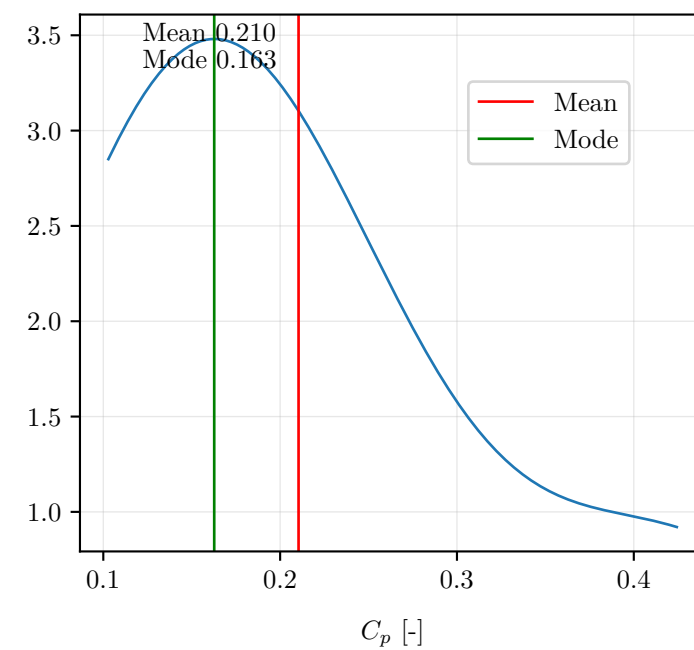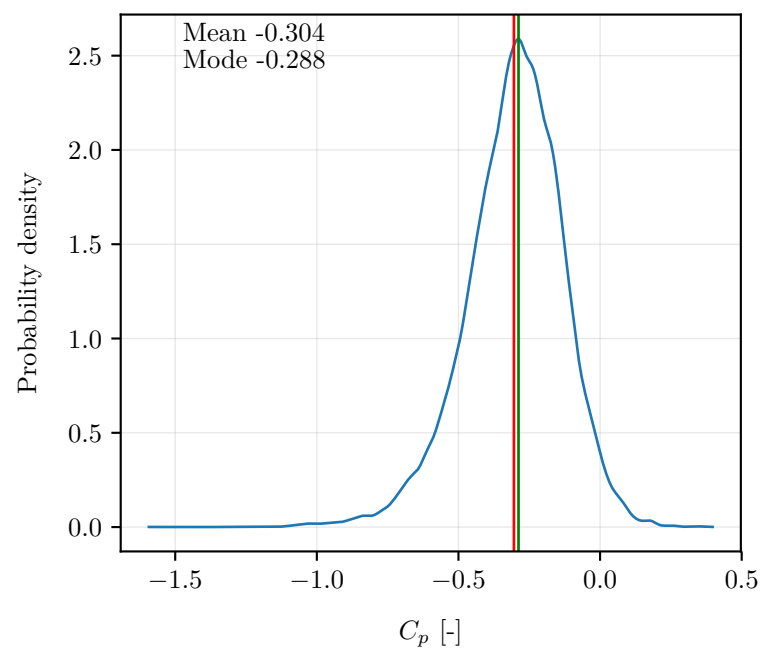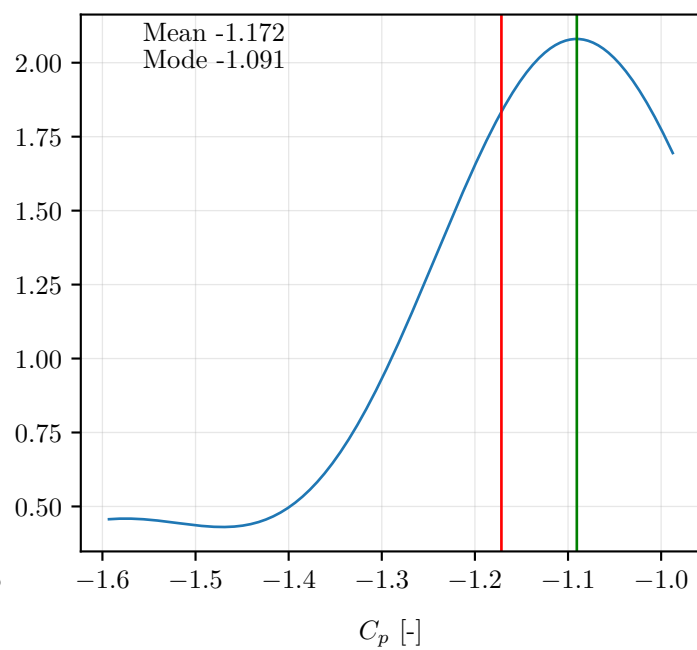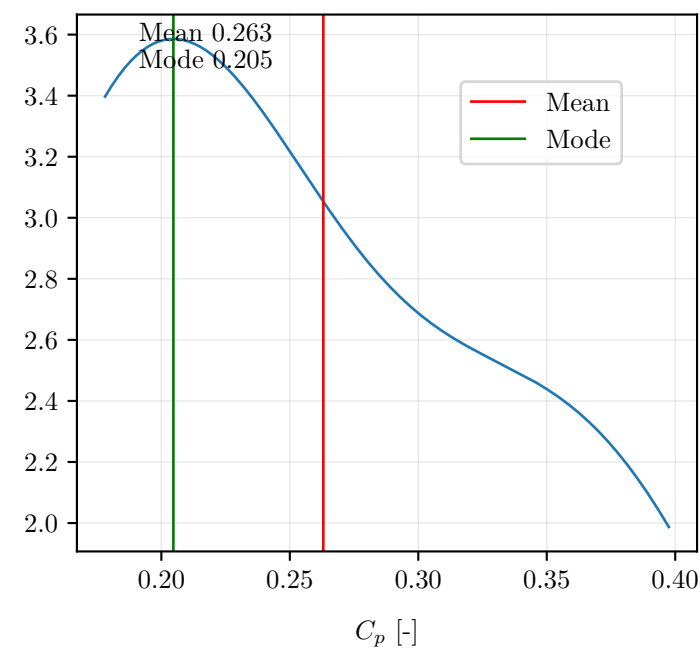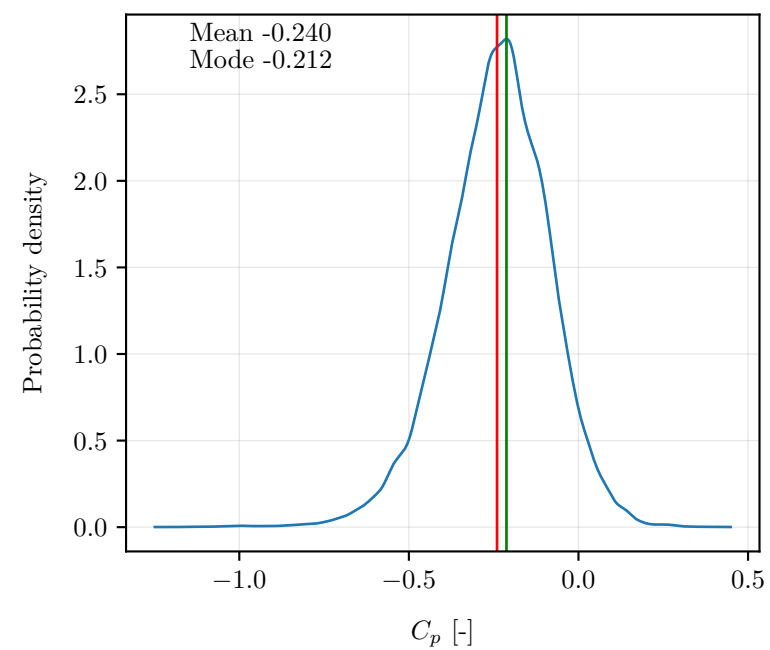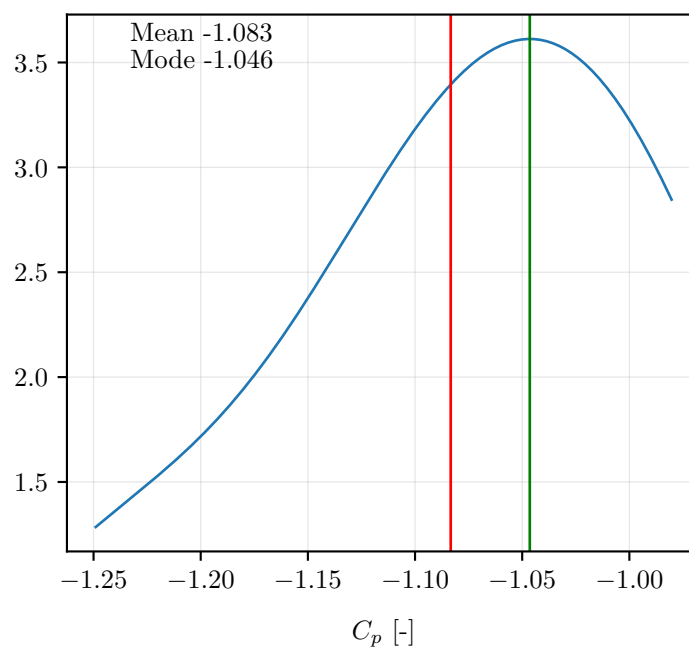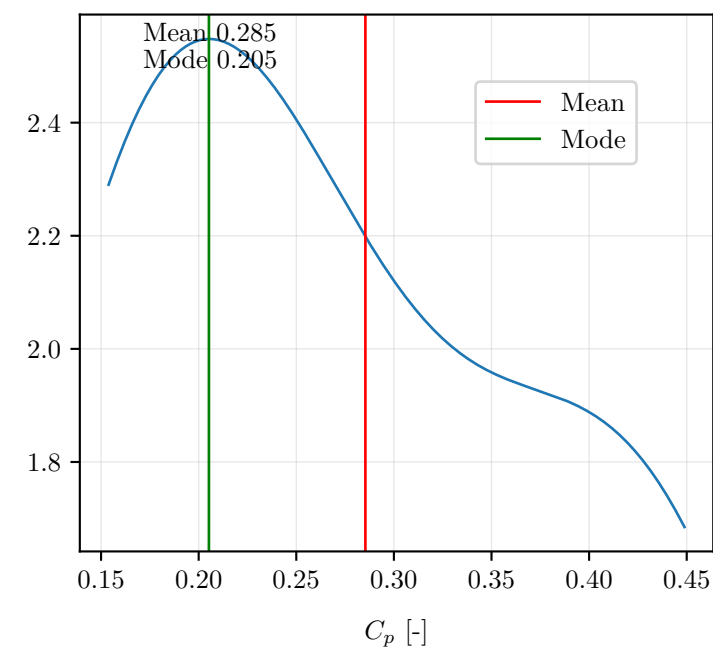PDF of Alternative Extrema

Results for tap "12" at: 6.89, 0.0, 11.6

Results for tap "13" at: 9.77, 0.0, 11.35

Results for tap "14" at: 12.65, 0.0, 11.1

Time history

Mean -0.240

Legend:
- Mean (red line)
- Clas. Extr. (red square)
- Alter. Extr. (green diamond)

PDF of time history

Mean -0.240
Mode -0.212

PDF of Classical Extrema

Mean -1.083
Mode -1.046

PDF of Alternative Extrema

Mean 0.285
Mode 0.205

Legend:
- Mean (red)
- Mode (green)
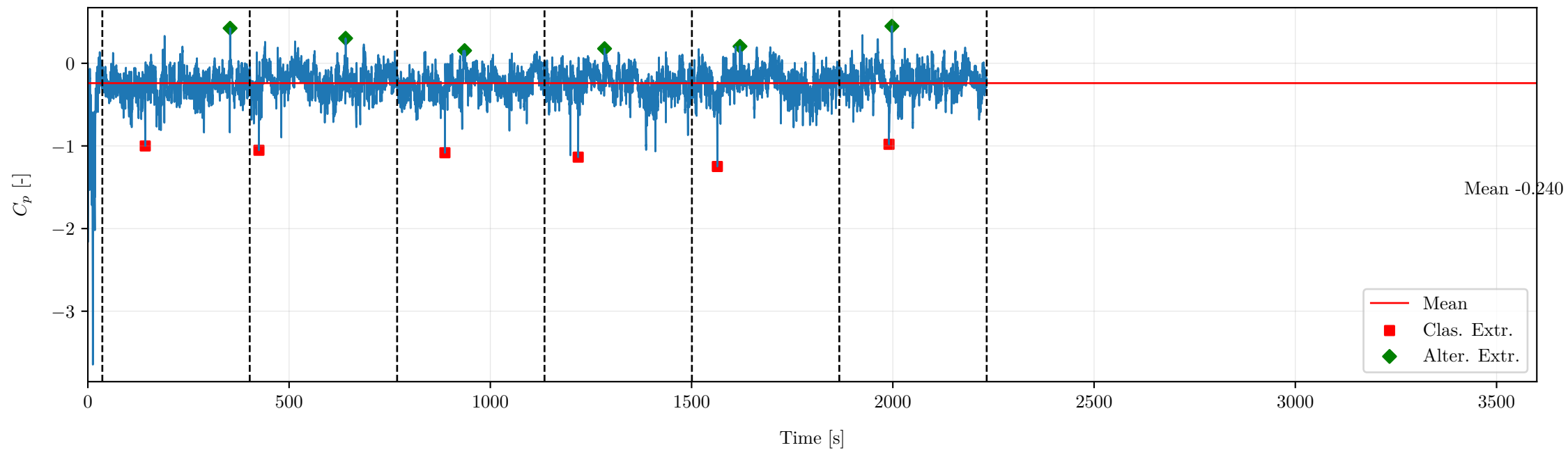
Results for tap "15" at: 13.75, 0.0, 9.9

Time history

Mean -0.221

Legend:
- Mean
- Clas. Extr.
- Alter. Extr.

PDF of time history

Mean -0.221
Mode -0.202

PDF of Classical Extrema

Mean -0.760
Mode -0.792

PDF of Alternative Extrema

Mean 0.267
Mode 0.327

Legend:
- Mean
- Mode
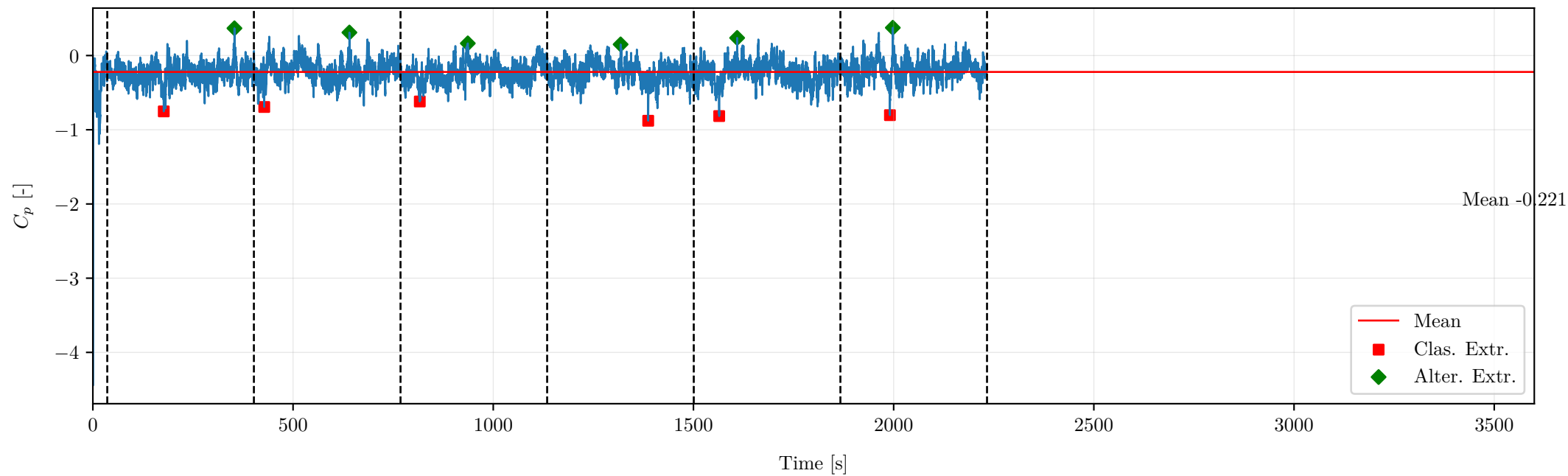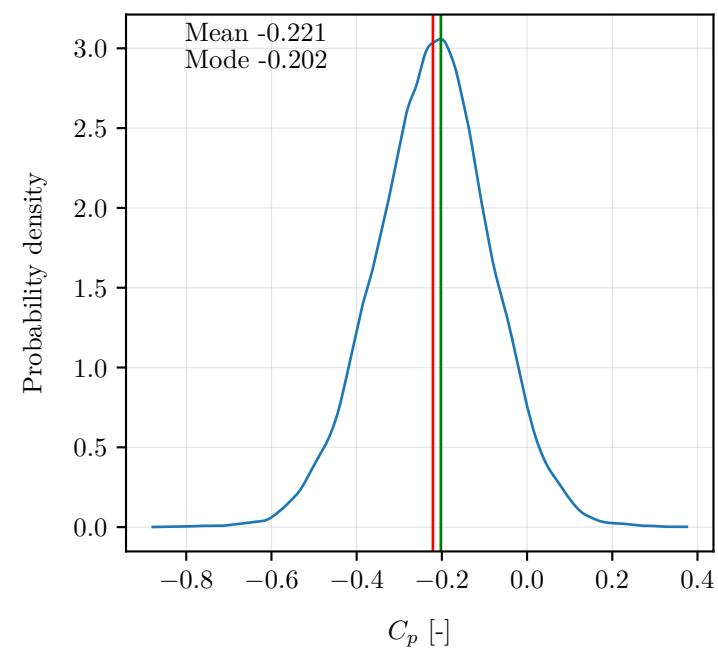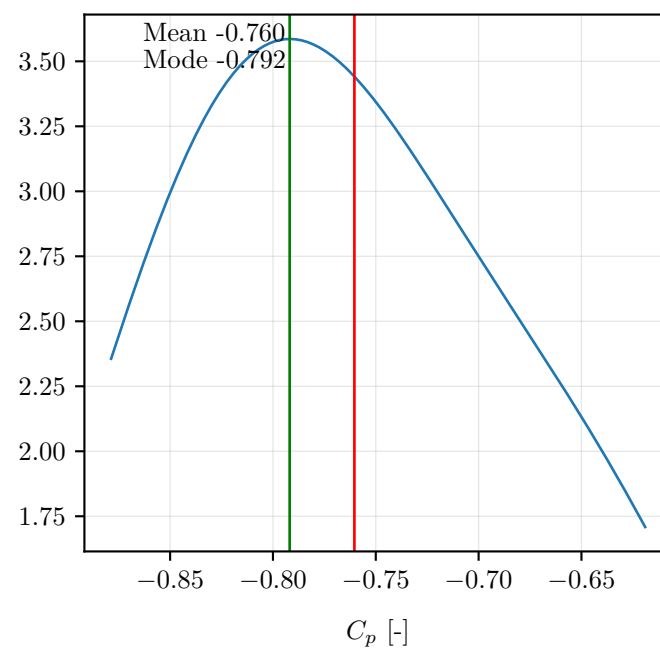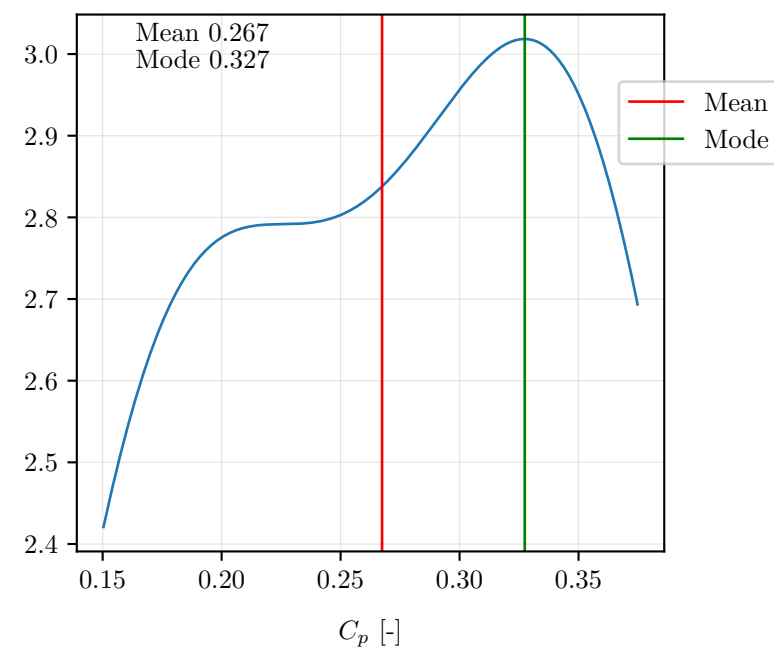
Results for tap "16" at: 13.75, 0.0, 6.97

Results for tap "17" at: 13.75, 0.0, 4.03

Time history

Mean -0.218

PDF of time history

Mean -0.218
Mode -0.234

PDF of Classical Extrema

Mean -0.712
Mode -0.739

PDF of Alternative Extrema

Mean 0.230
Mode 0.183
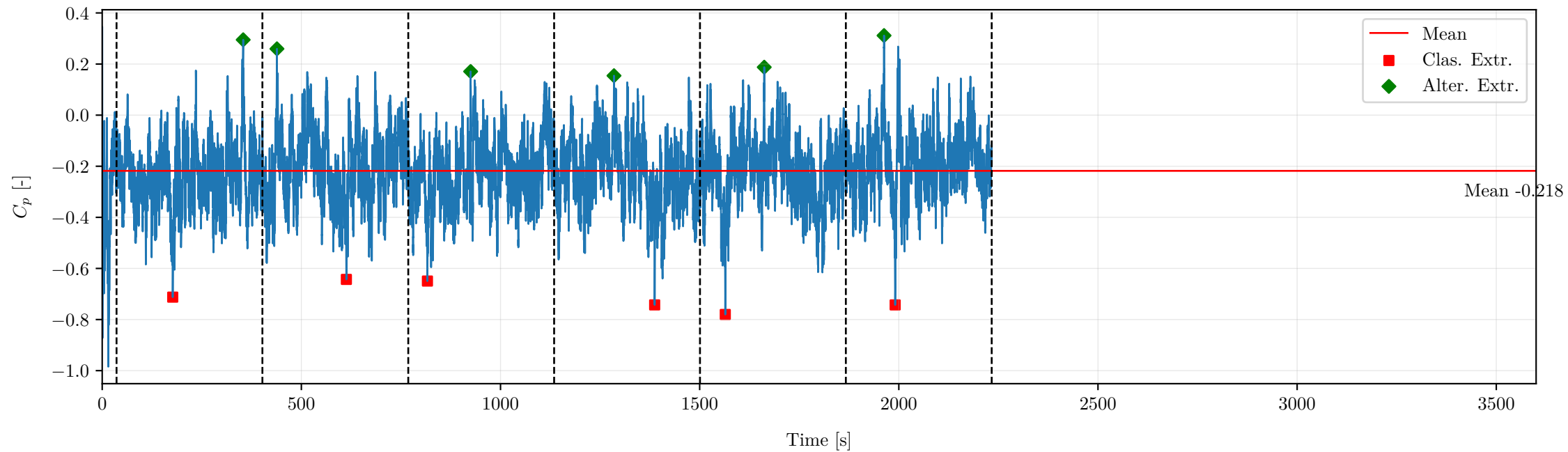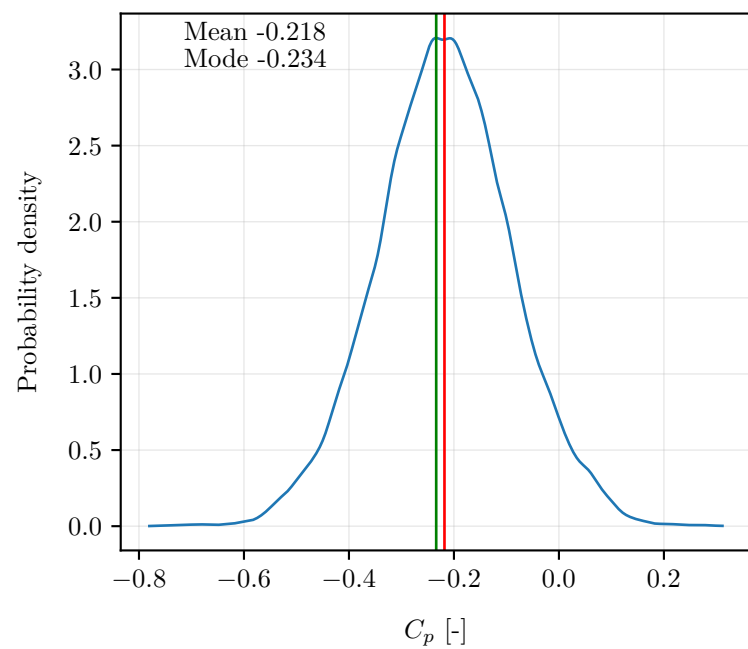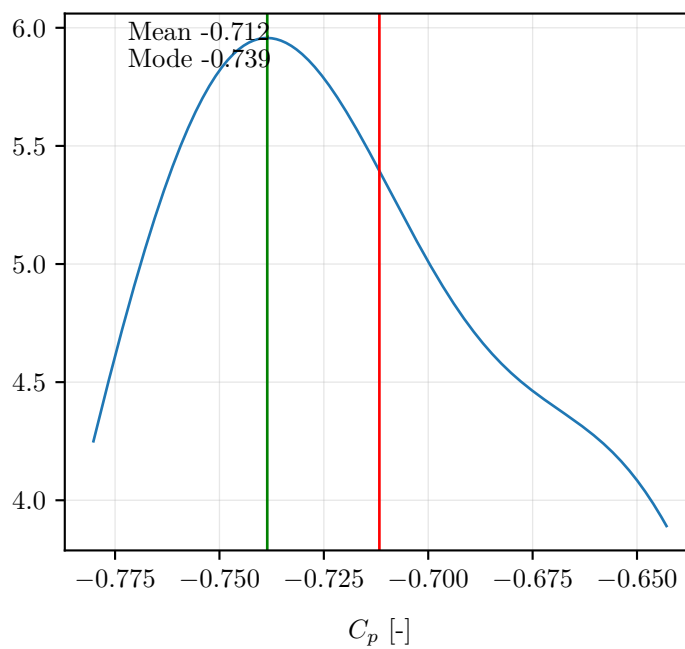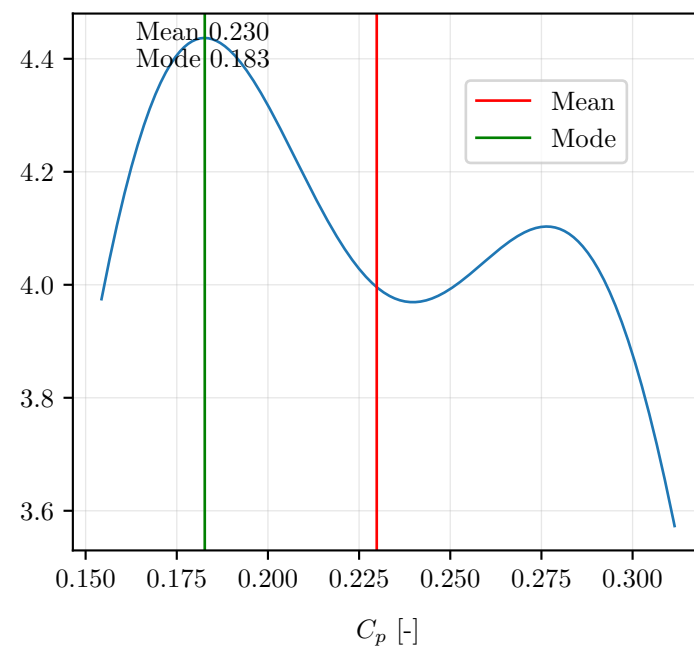
Results for tap "18" at: 13.75, 0.0, 1.1
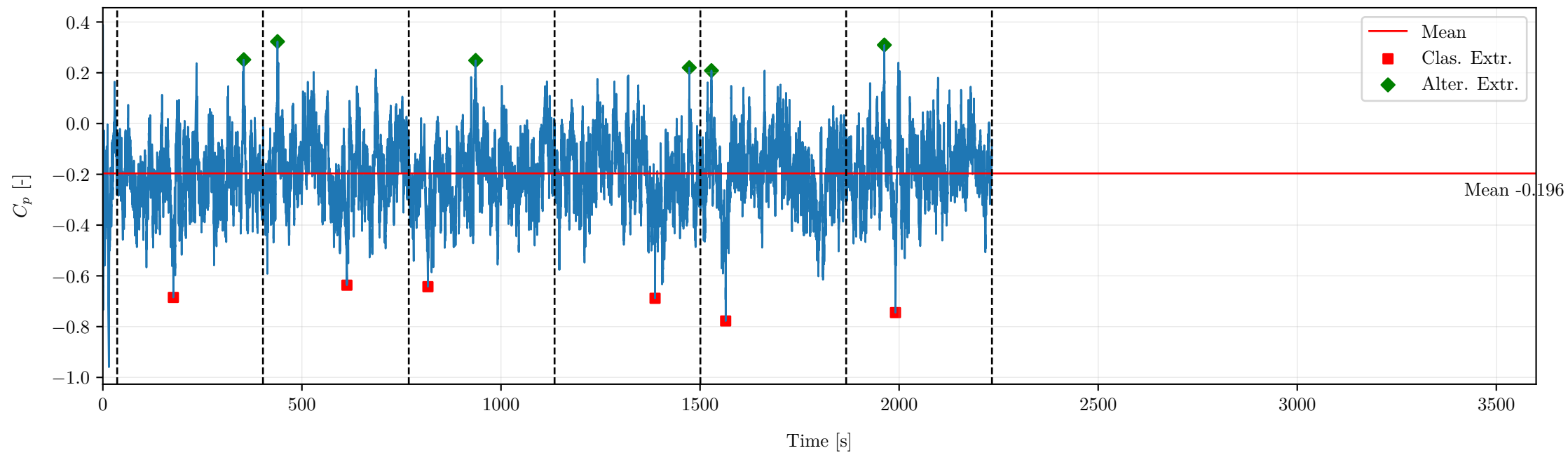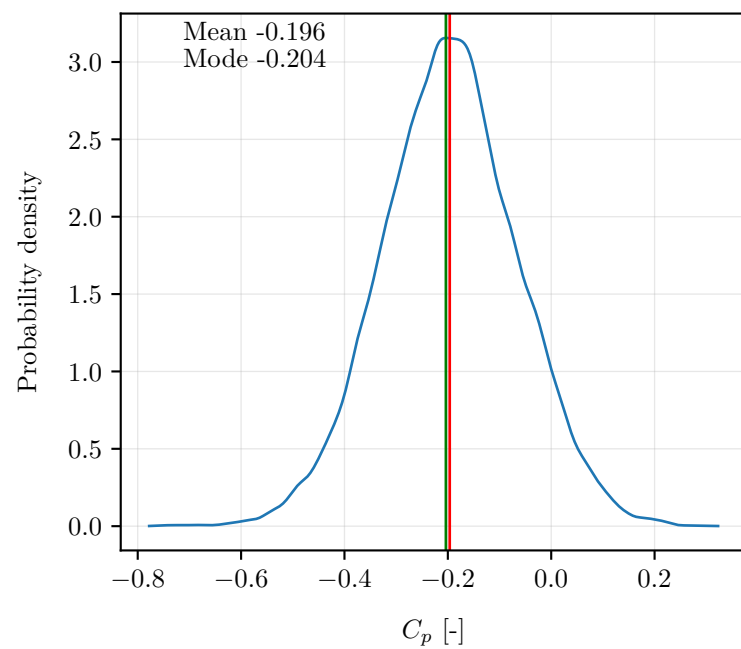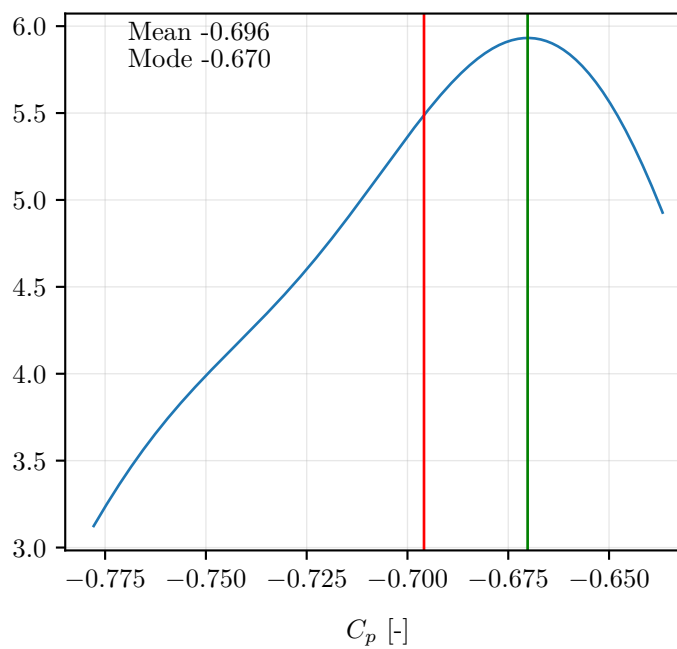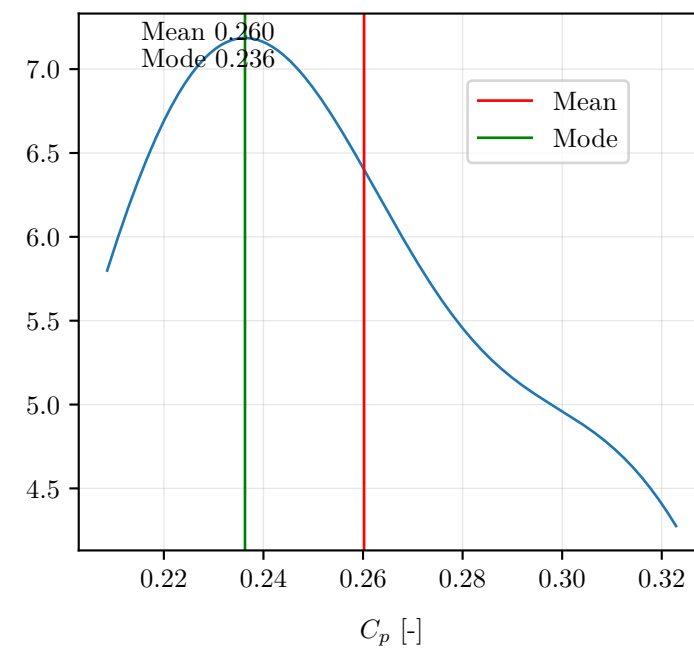
General statistics - part 1
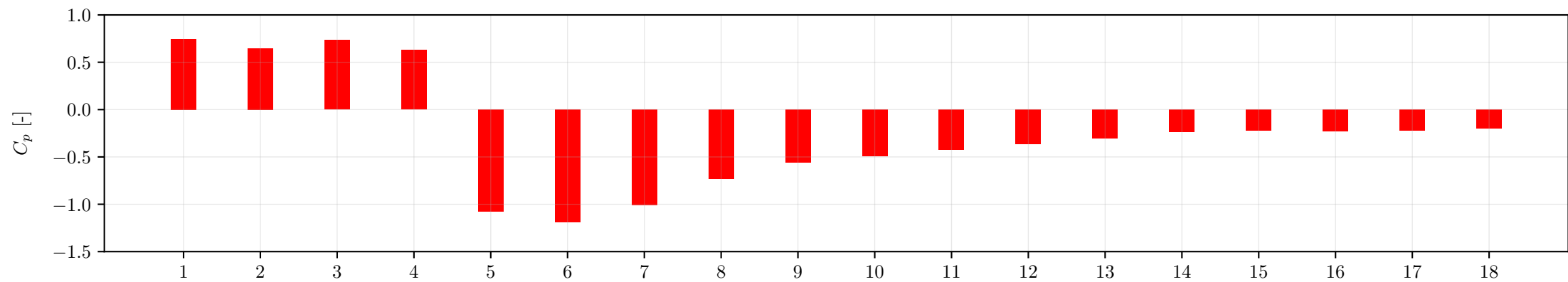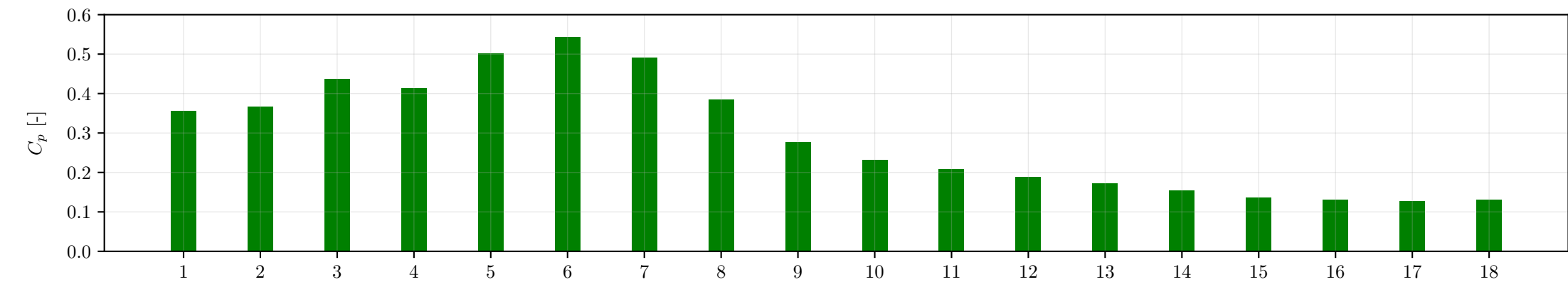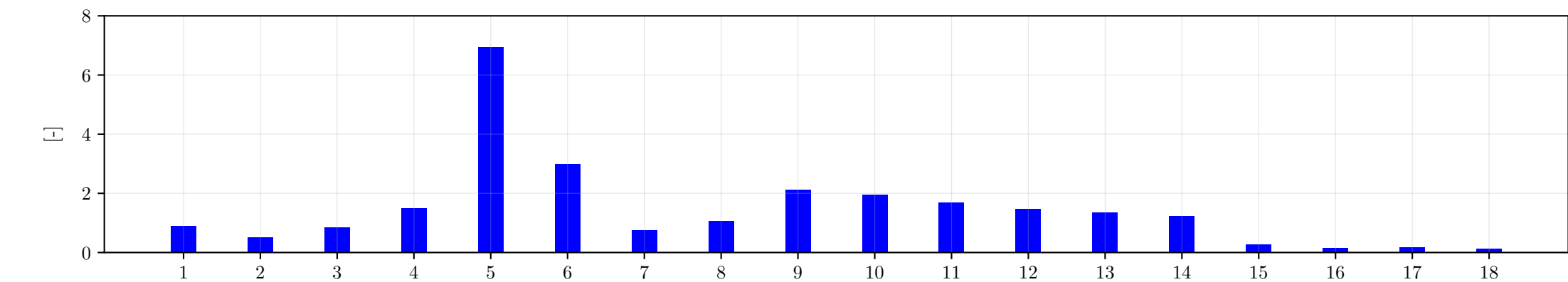
General statistics - part 2
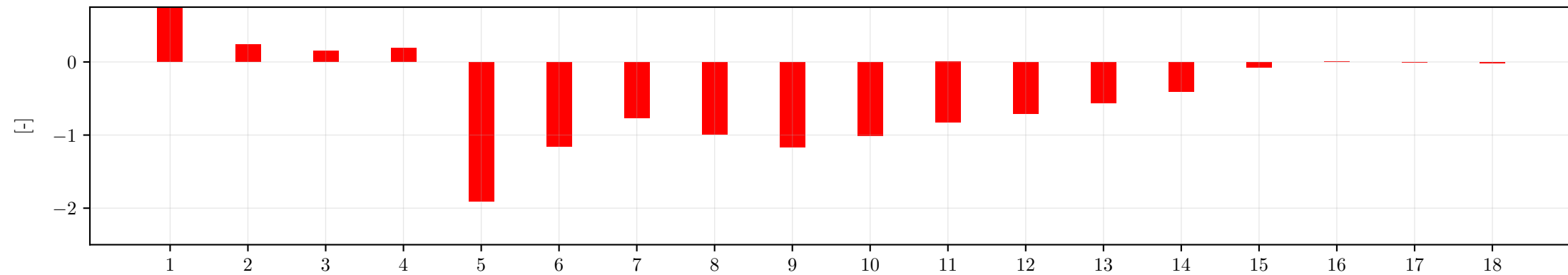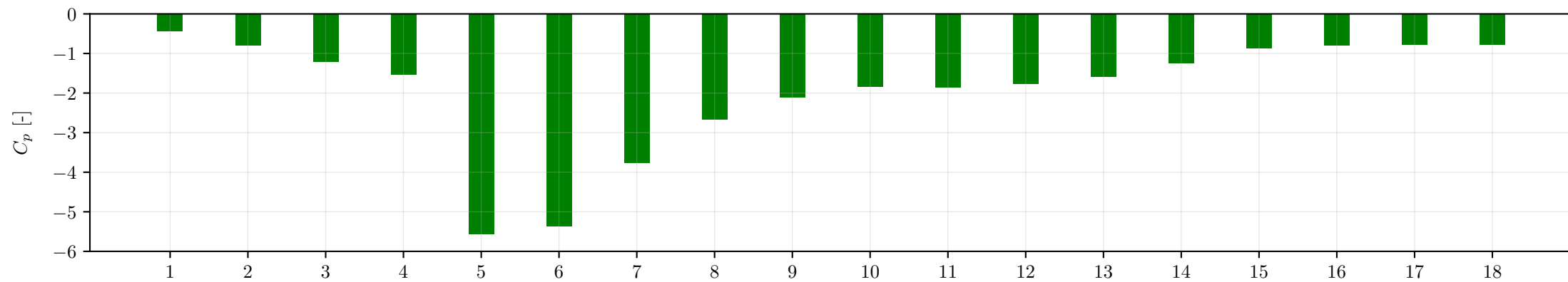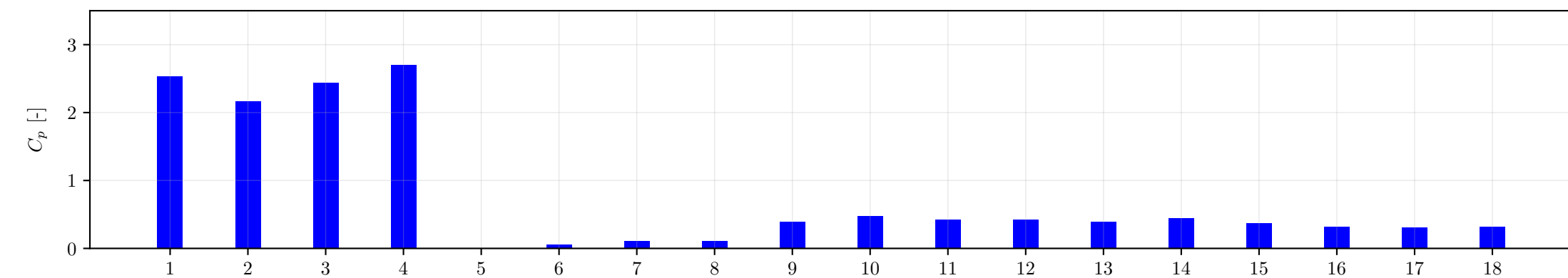
Extreme value statistics