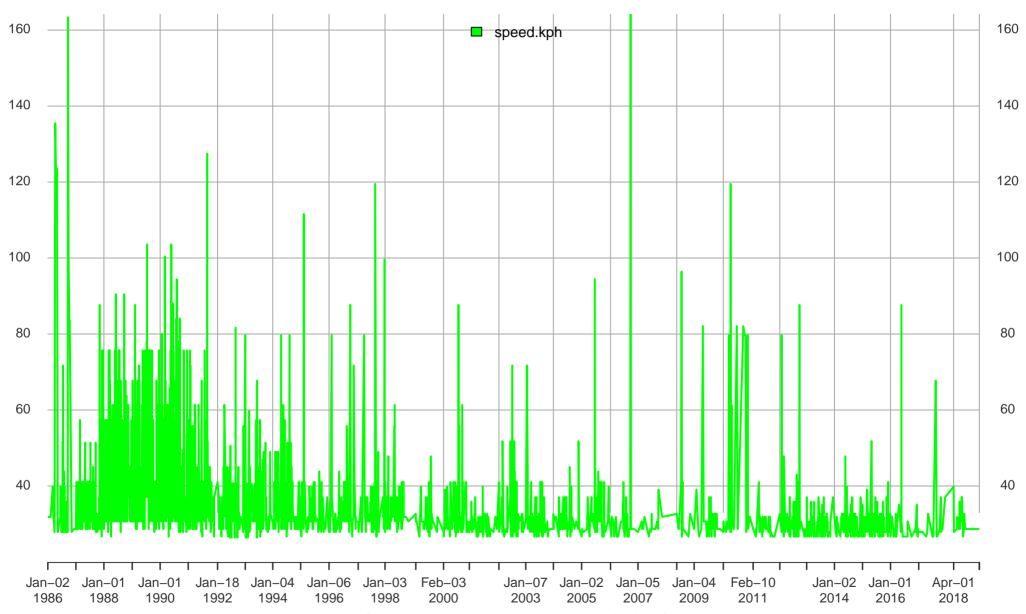
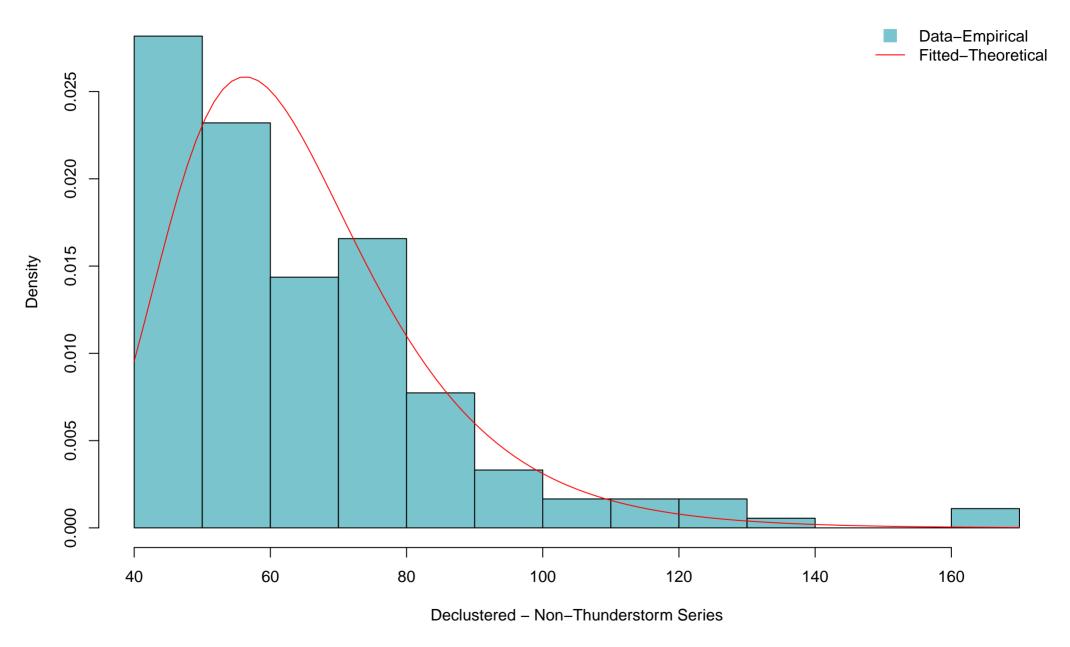


Pagessss 1 – Time Series Plot for Raw.Data – Station: 801120

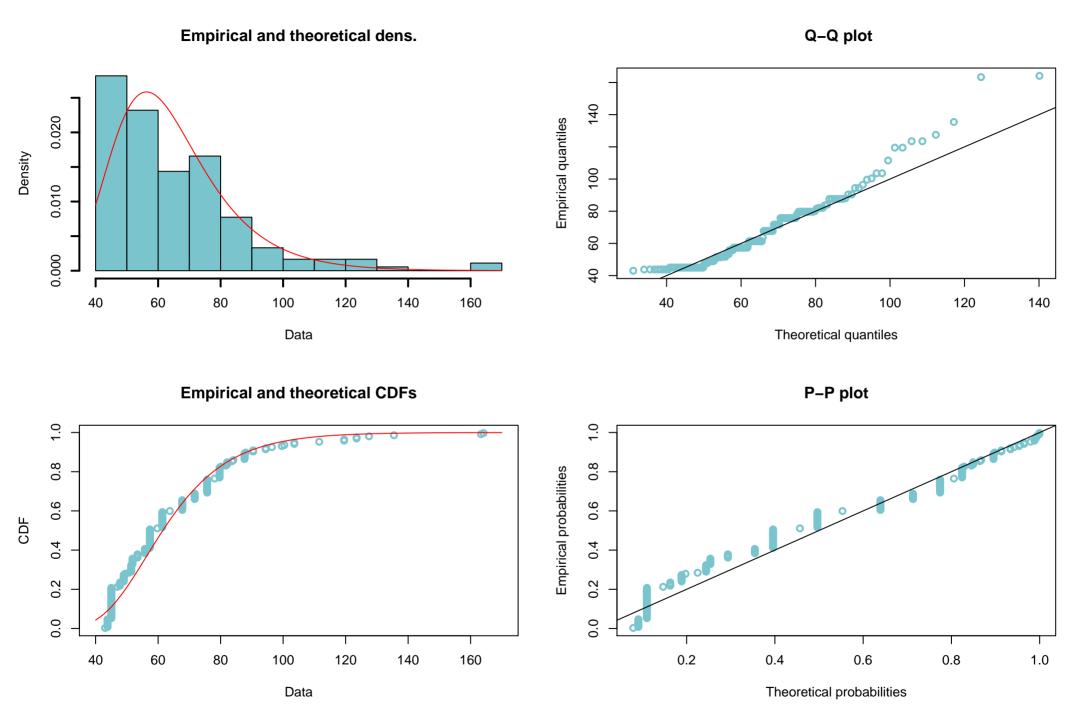


Page 2 - Time Series Plot for Non-Thunderstorm ('nt') - Station: 801120

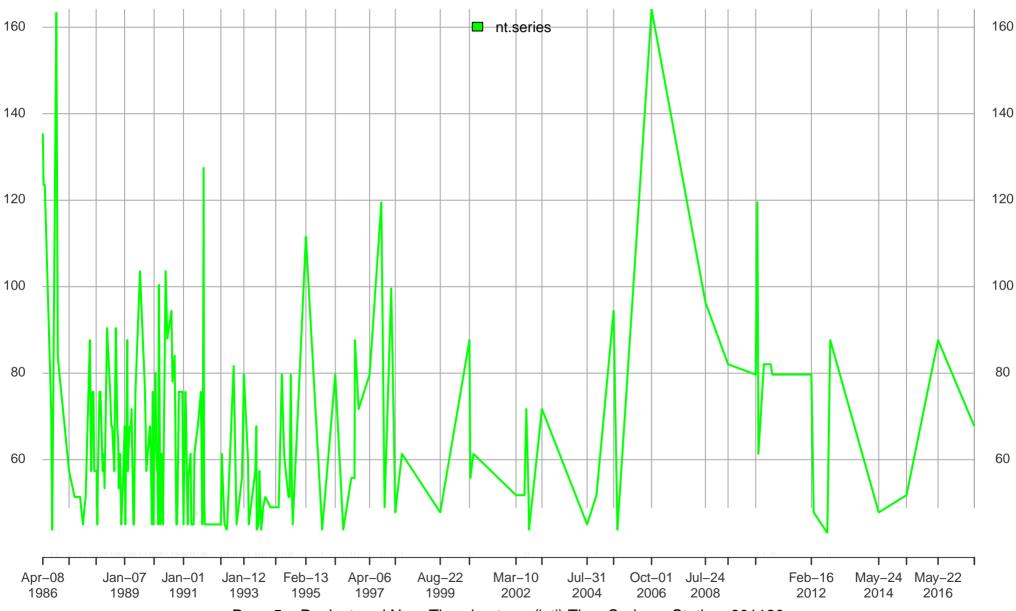
Data Histogram and Fitted Gumbel Probability Density Curve



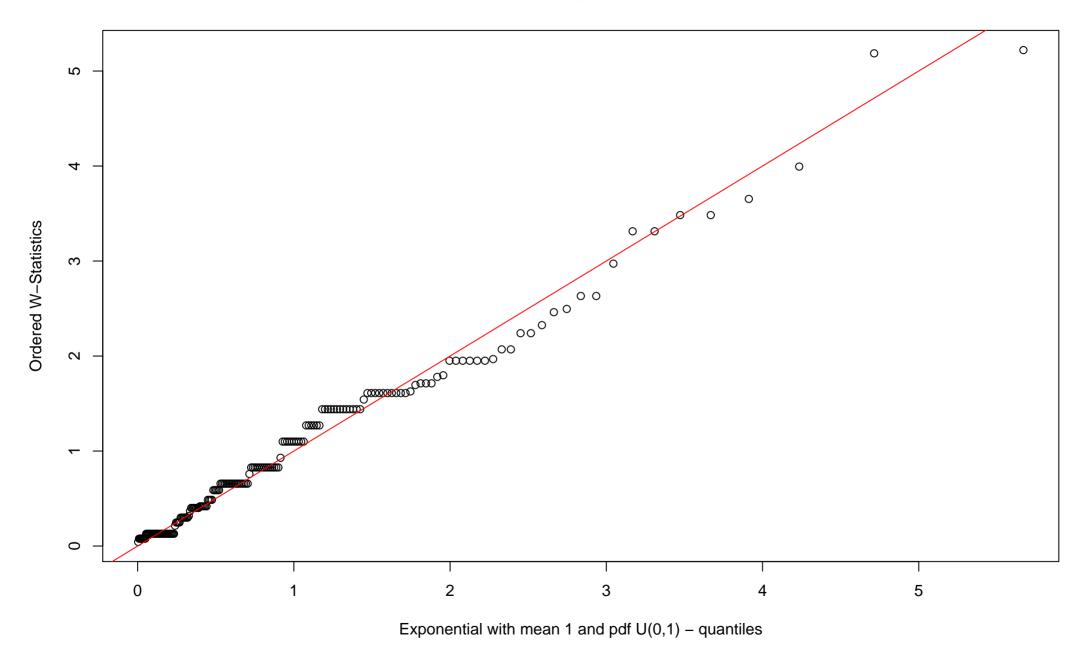
Page 3 - Log-Likelihood(Gumbel) - Optim (nll-optim). Location: 56.28. Scale: 14.23



Page 4 – Declustered – Non–Thunderstorm – fitdistrplus–fitdist(gumbel). Location: 56.28. Scale: 14.23

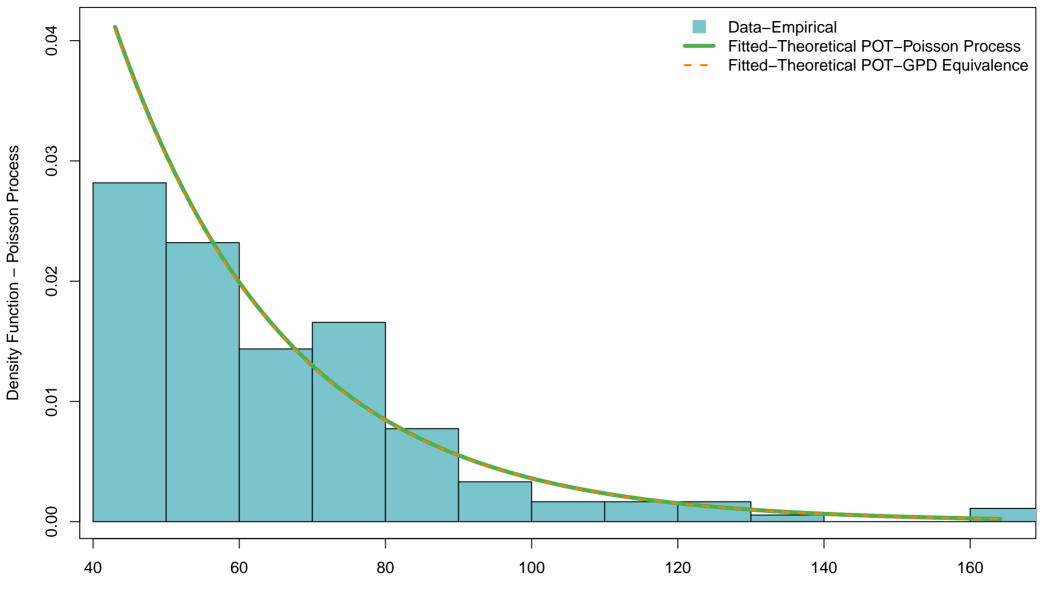


Page 5 – Declustered Non-Thunderstorm ('nt') Time Series – Station: 801120



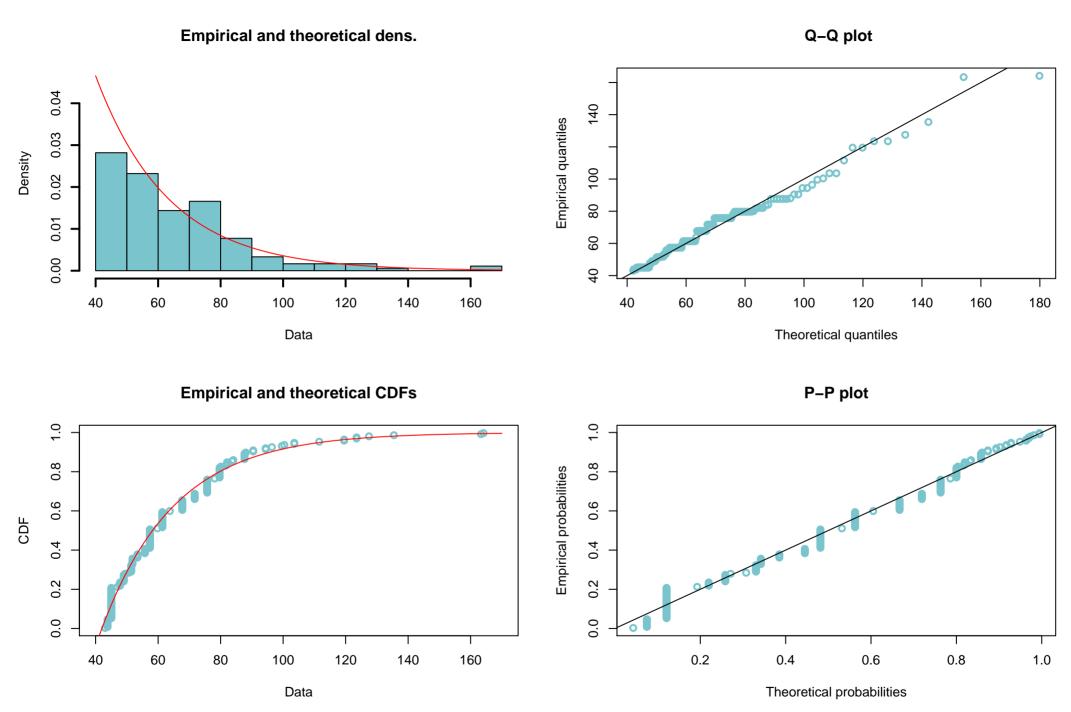
Page 6

Density Function from Intensity Function of Poisson Process Station: 801120



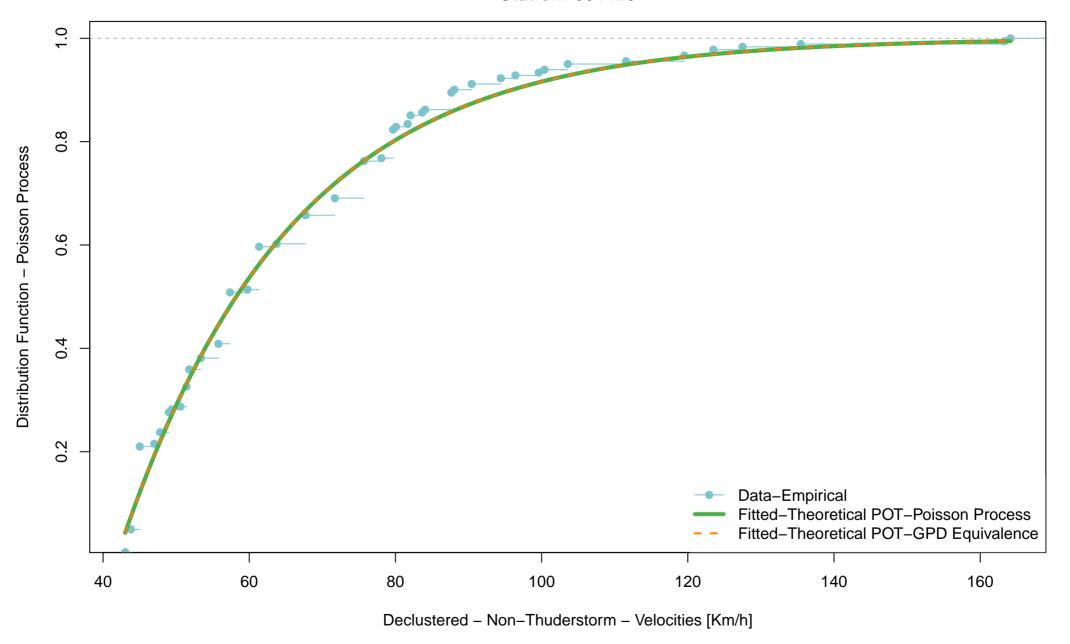
Declustered - Non-Thunderstorm - Velocities [Km/h]

Page 7



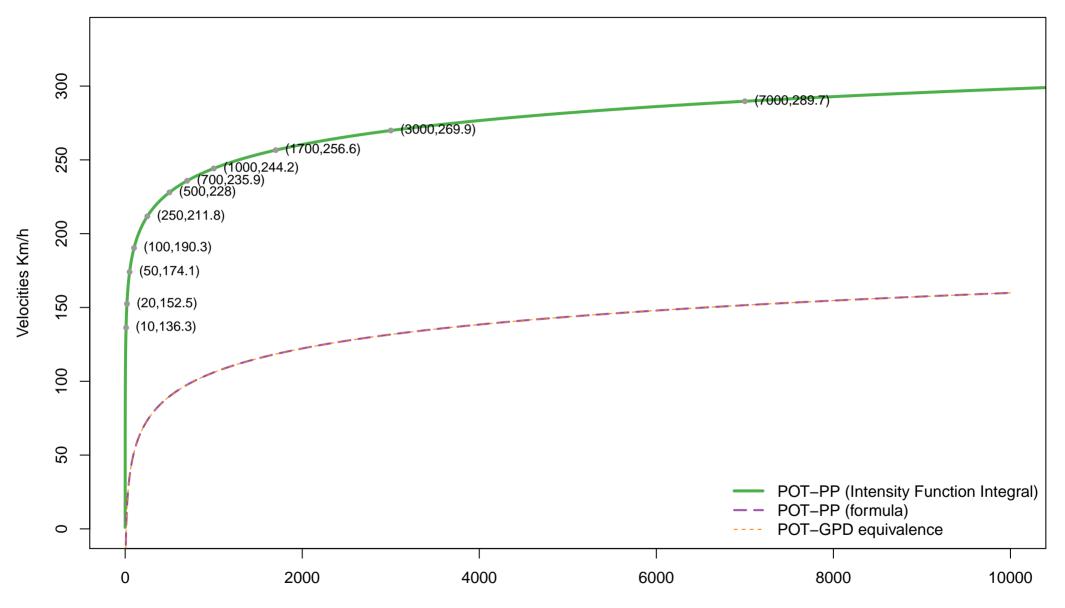
Page 8 - Declustered - Non-Thunderstorm - POT-GPD Equivalent. Location: 42. Scale: 23.4. Shape: 0

Cumulative Distribution Function from Intensity Function of Poisson Process Station: 801120



Page 9

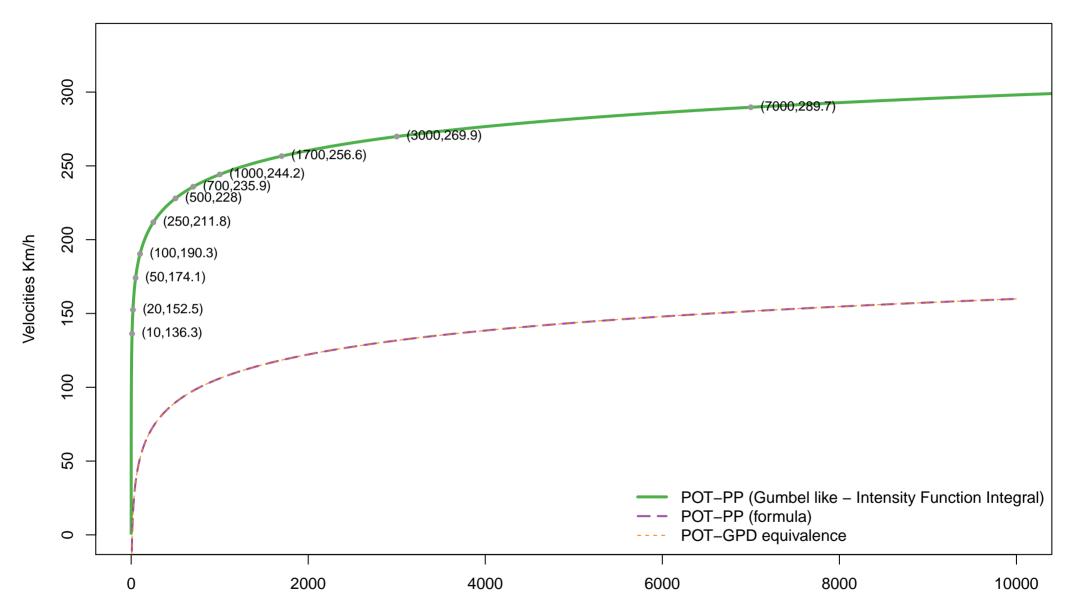
Declustered – Non-Thunderstorms – Hazard Curve – Station: 801120



Return Periods (Years) - Poisson Process Intensity Function

Page 10

Declustered - Non-Thunderstorms - Hazard Curve - Station: 801120

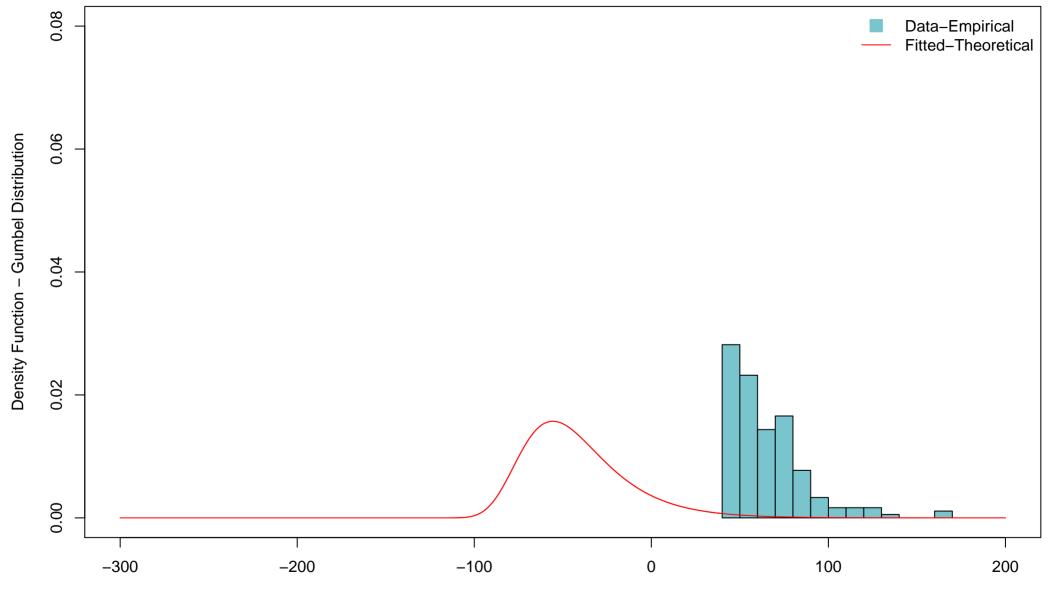


Return Periods (Years) - Gumbel like tail Intensity Function of Poisson Process

Page 11

Gumbel Density Function, but using parameters of Poisson Process Location= -55.62 Scale= 23.4

Station: 801120

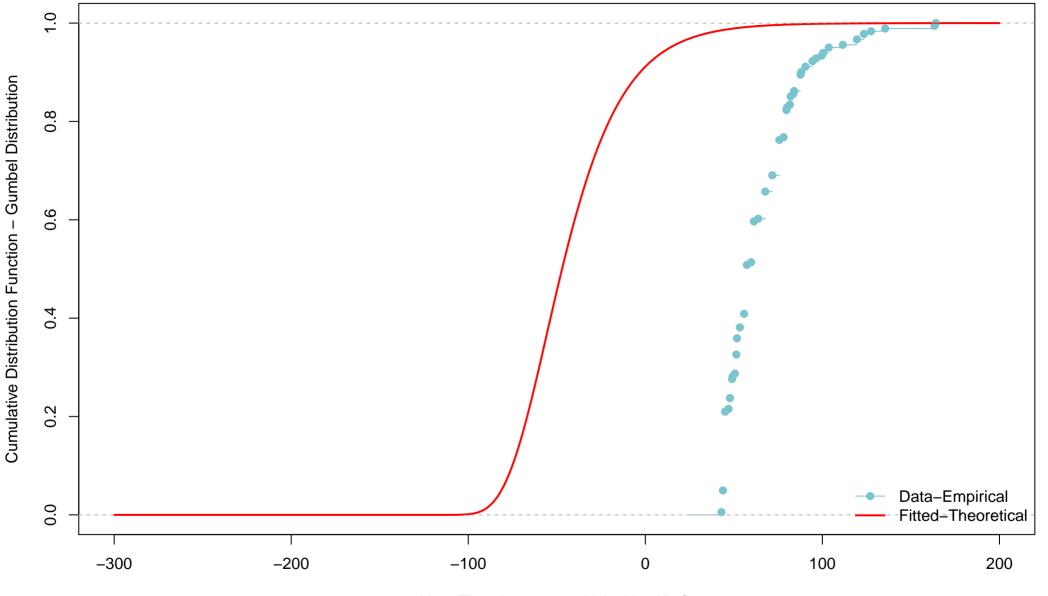


Non-Thunderstorms - Velocities Km/h

Page 12

Gumbel Cumulative Distribution, but using parameters of Poisson Process Location= -55.62 Scale= 23.4

Station: 801120

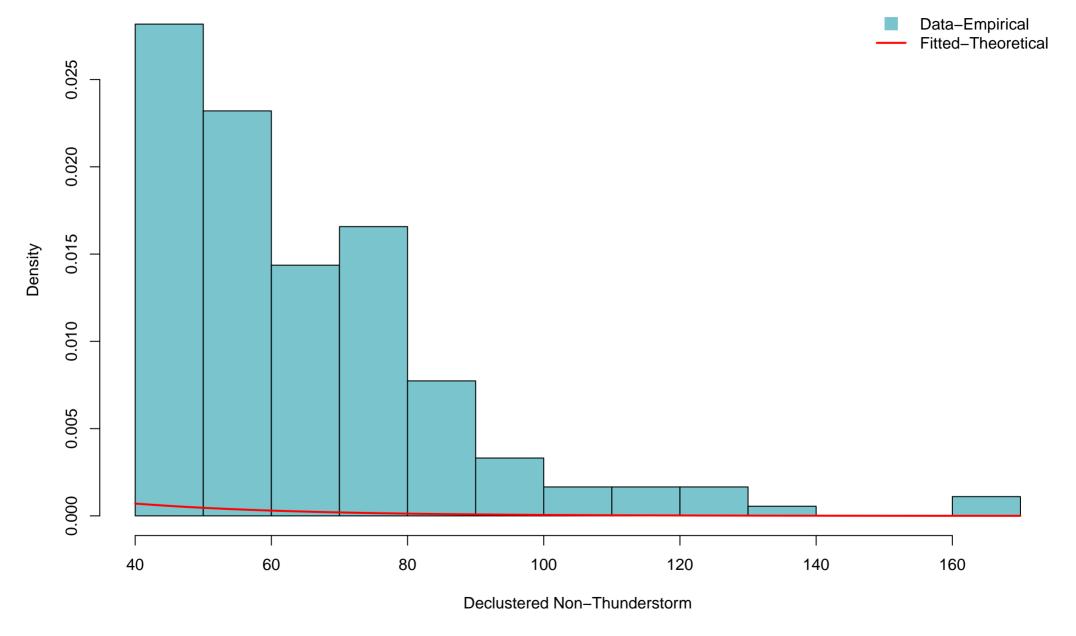


Non-Thunderstorms - Velocities Km/h

Page 13

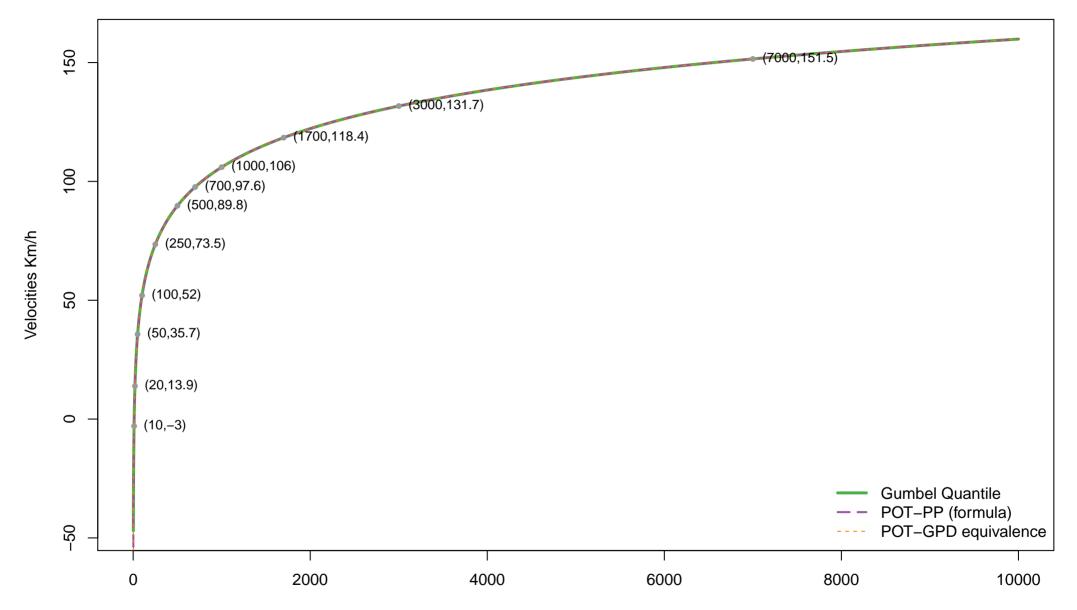
Fitted Gumbel density function using parameters of Poisson Process Location= -55.62 Scale= 23.4

Station: 801120



Page 14

Declustered - Non-Thunderstorms - Hazard Curve - Station: 801120



Return Periods (Years) - Gumbel Quantile Function using parameters of Poisson Process