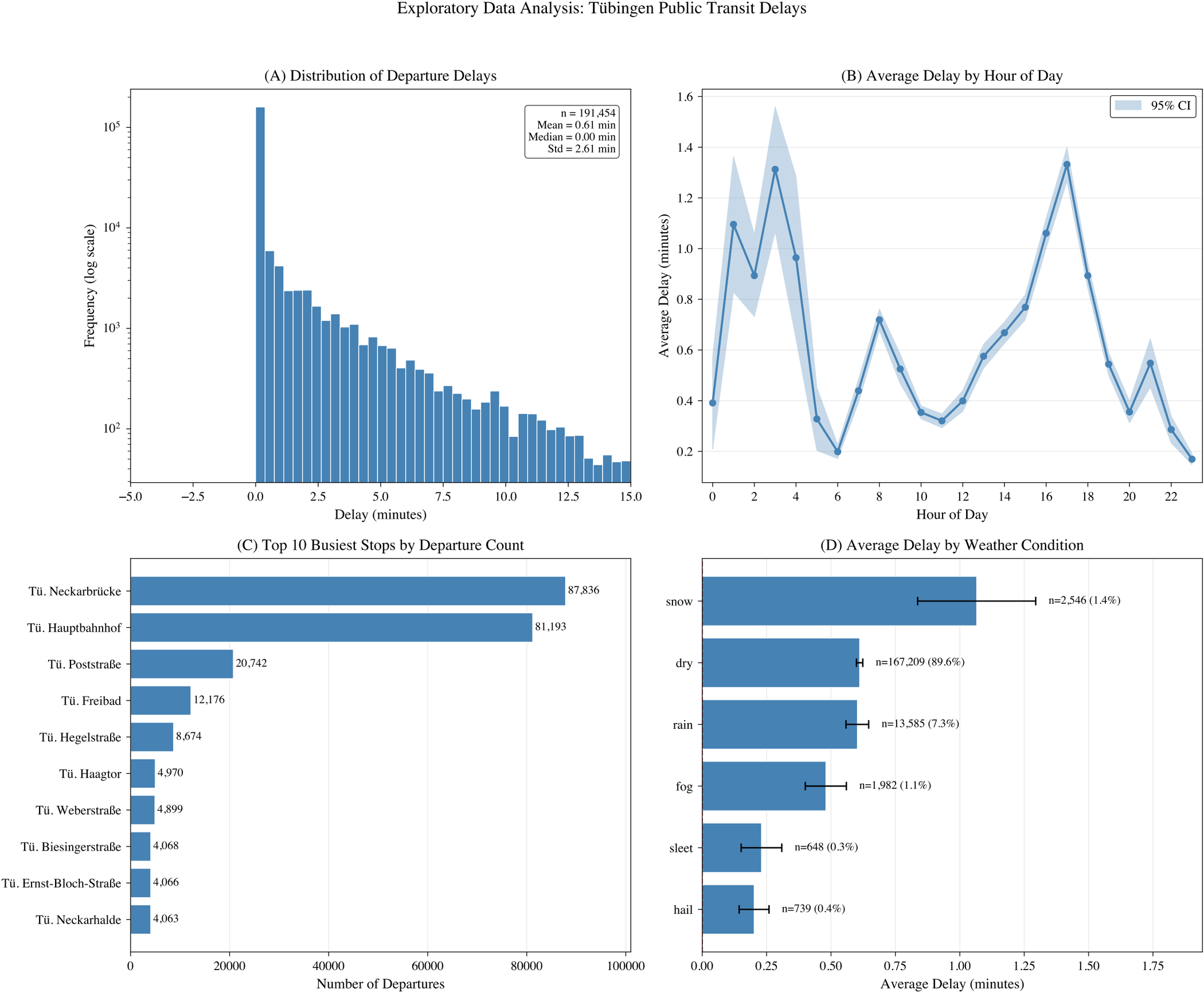
Exploratory Data Analysis: Tübingen Public Transit Delays
(A) Distribution of Departure Delays
n = 191,454
Mean = 0.61 min
Median = 0.00 min
Std = 2.61 min
Frequency (log scale)
Delay (minutes)
(B) Average Delay by Hour of Day
95% CI
Average Delay (minutes)
Hour of Day
(C) Top 10 Busiest Stops by Departure Count
Tü. Neckarbrücke
Tü. Hauptbahnhof
Tü. Poststraße
Tü. Freibad
Tü. Hegelstraße
Tü. Haagtor
Tü. Weberstraße
Tü. Biesingerstraße
Tü. Ernst-Bloch-Straße
Tü. Neckarhalde
87,836
81,193
20,742
12,176
8,674
4,970
4,899
4,068
4,066
4,063
Number of Departures
(D) Average Delay by Weather Condition
snow
dry
rain
fog
sleet
hail
n=2,546 (1.4%)
n=167,209 (89.6%)
n=13,585 (7.3%)
n=1,982 (1.1%)
n=648 (0.3%)
n=739 (0.4%)
Average Delay (minutes)