Comprehensive Analysis: quantity
Filters: {'region': 'North'}

Legend:
- normal (AIC: 7923.89)
- lognormal (AIC: 7772.58)
- exponential (AIC: 8381.59)
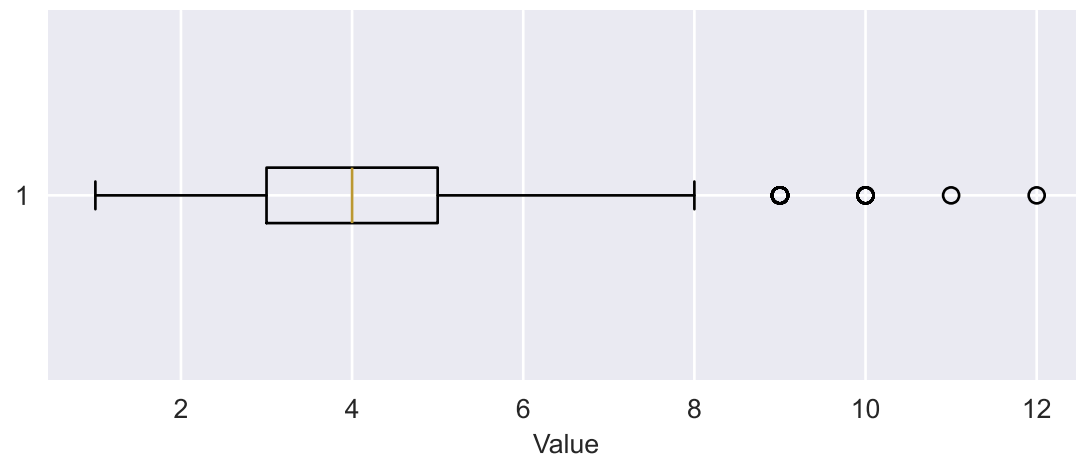- gamma (AIC: 7765.11)
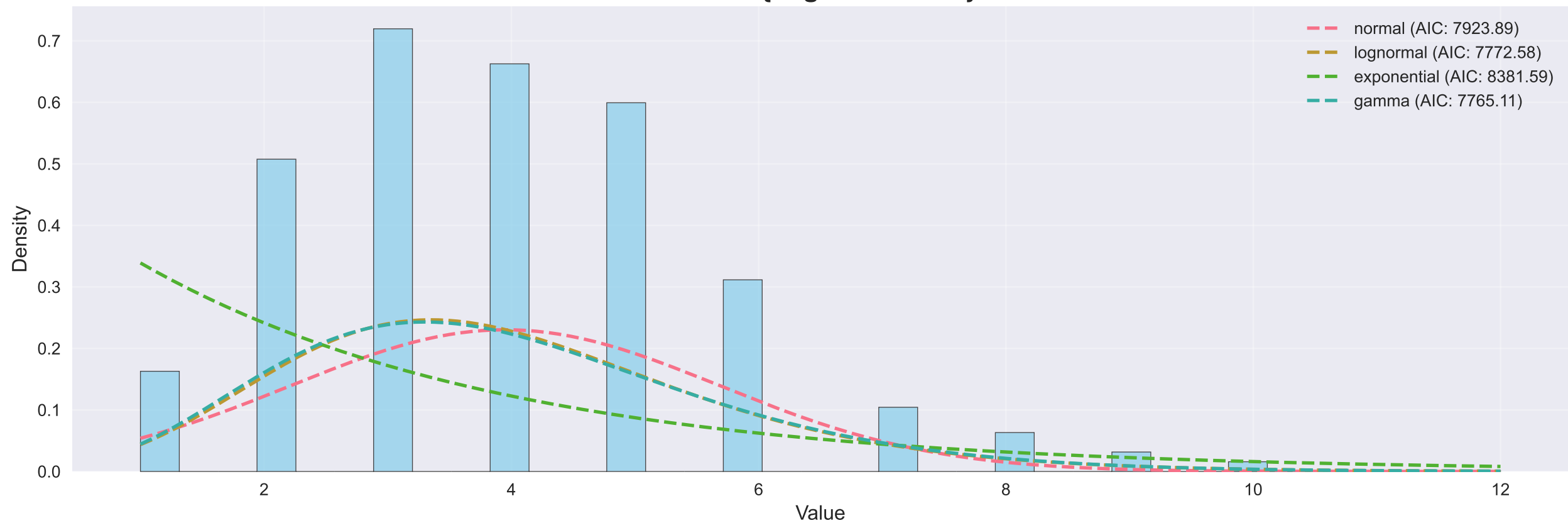
Statistics:
Count: 2,012
Mean: 3.95
Median: 4.00
Std Dev: 1.73
Min: 1.00
Max: 12.00
Skewness: 0.661
Kurtosis: 0.667

Normality Tests:
Shapiro: stat=0.944, p=0.000, normal=False
Anderson: stat=36.450, p=5.000, normal=True
Ks: stat=0.145, p=0.000, normal=False

Box Plot

Q-Q Plot (Normal)