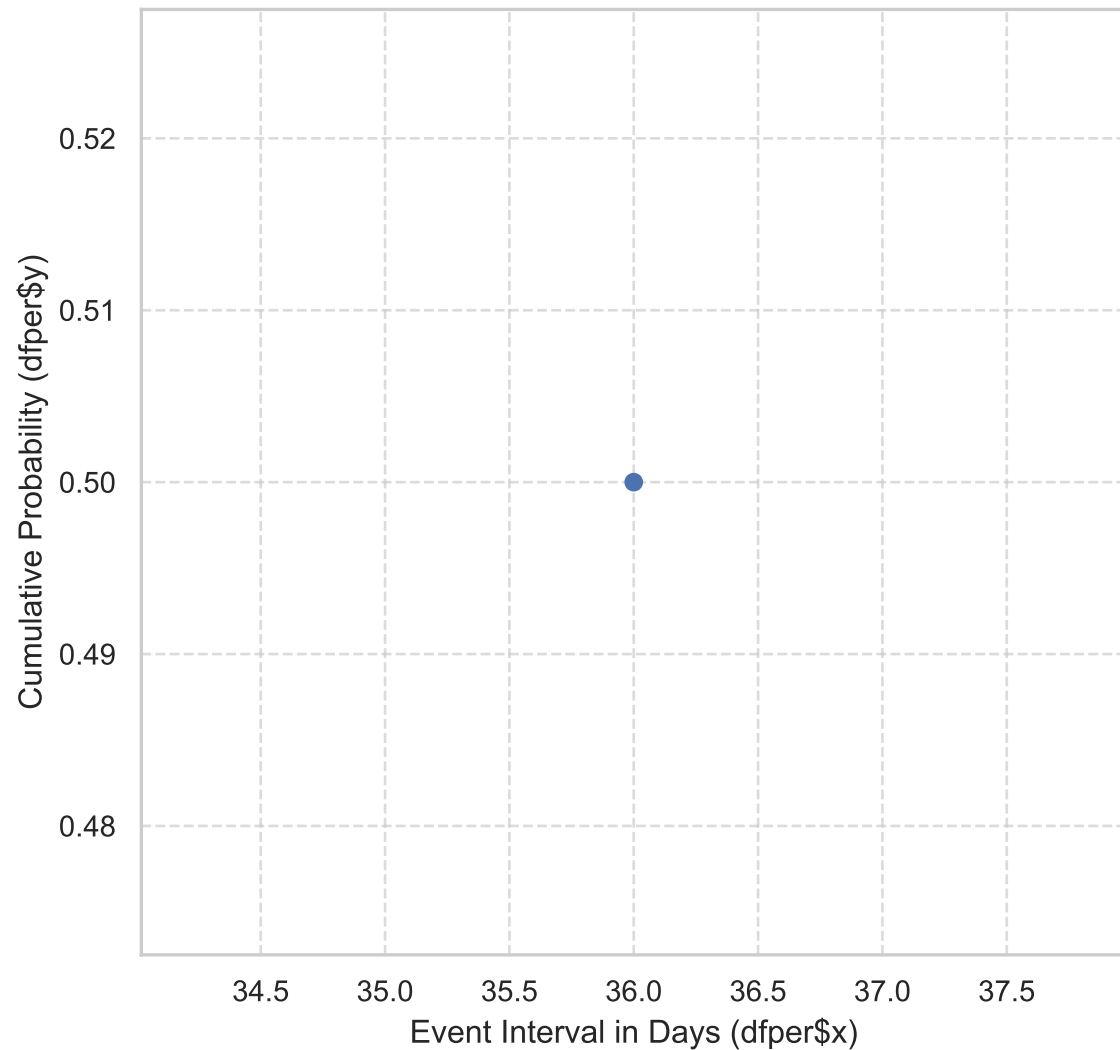
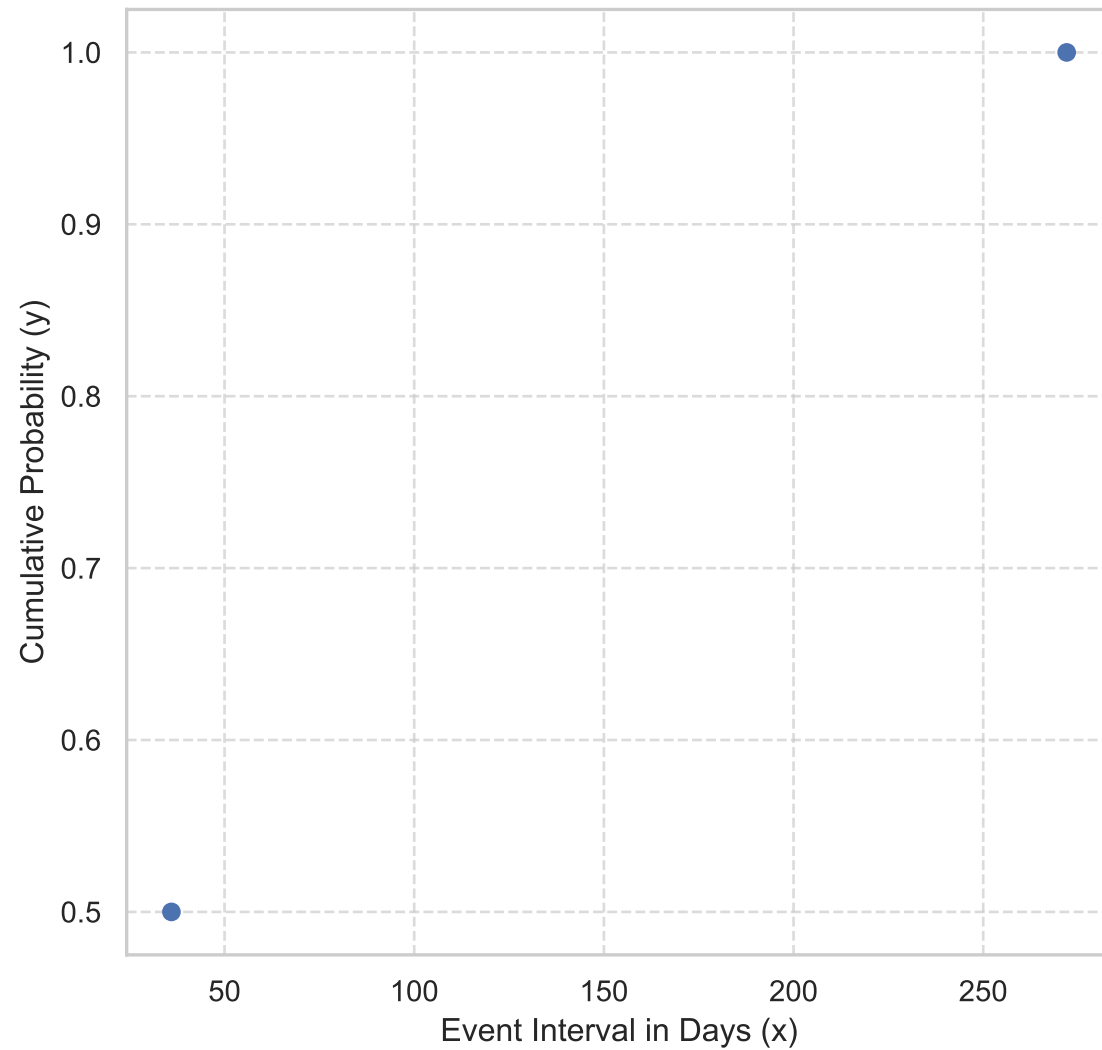


Category: A02BC02

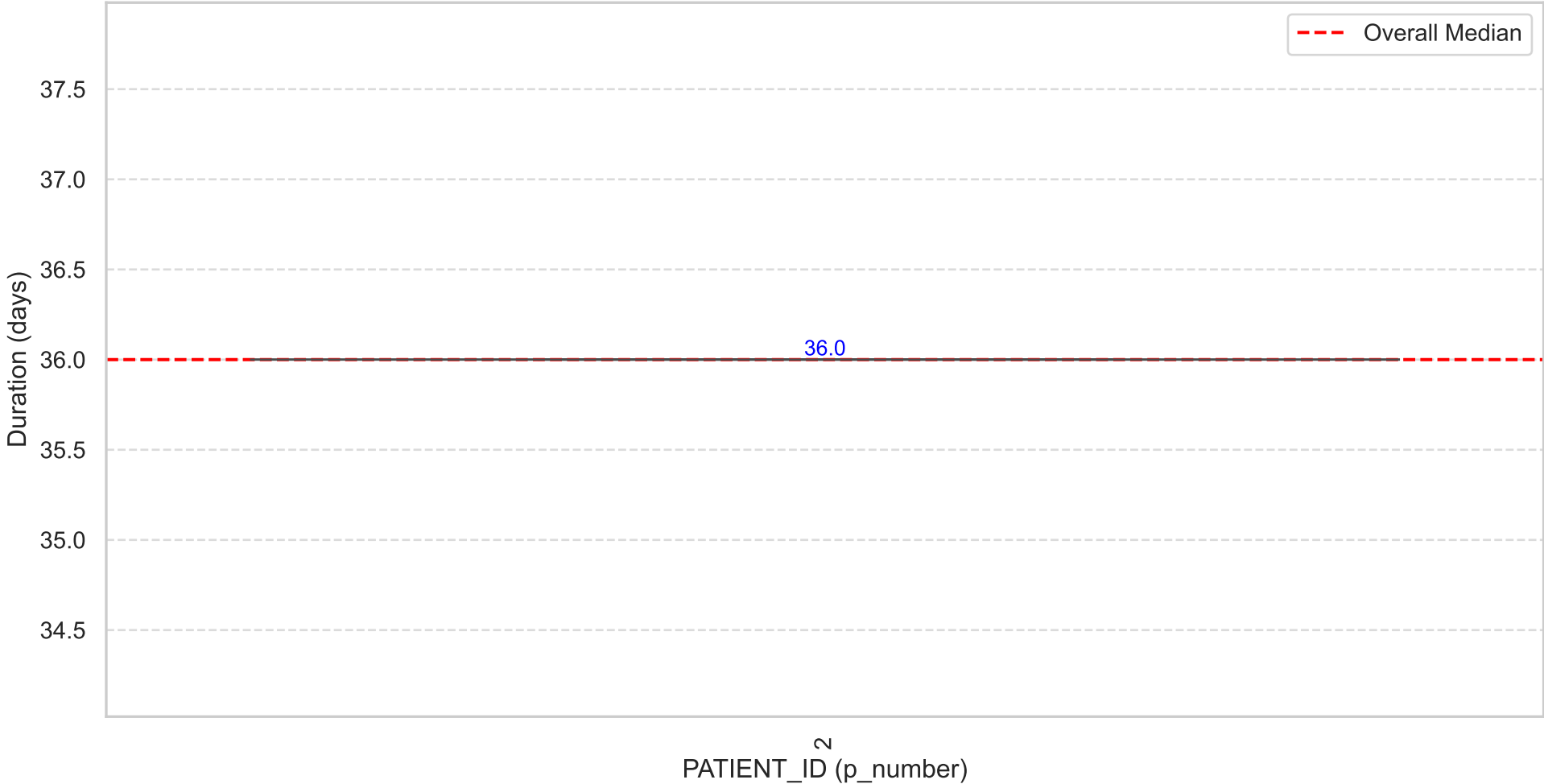
80% ECDF of Event Intervals



100% ECDF of Event Intervals

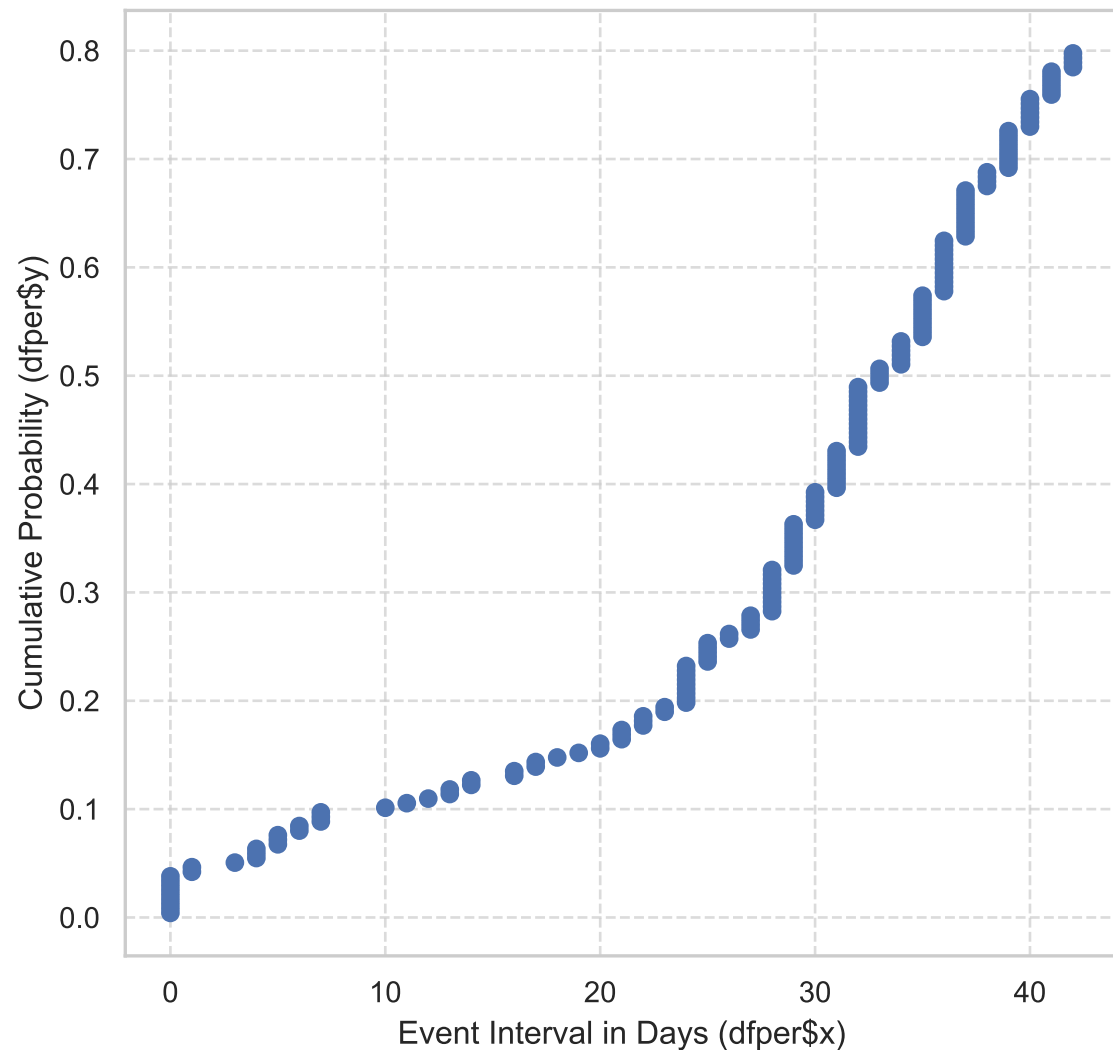


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

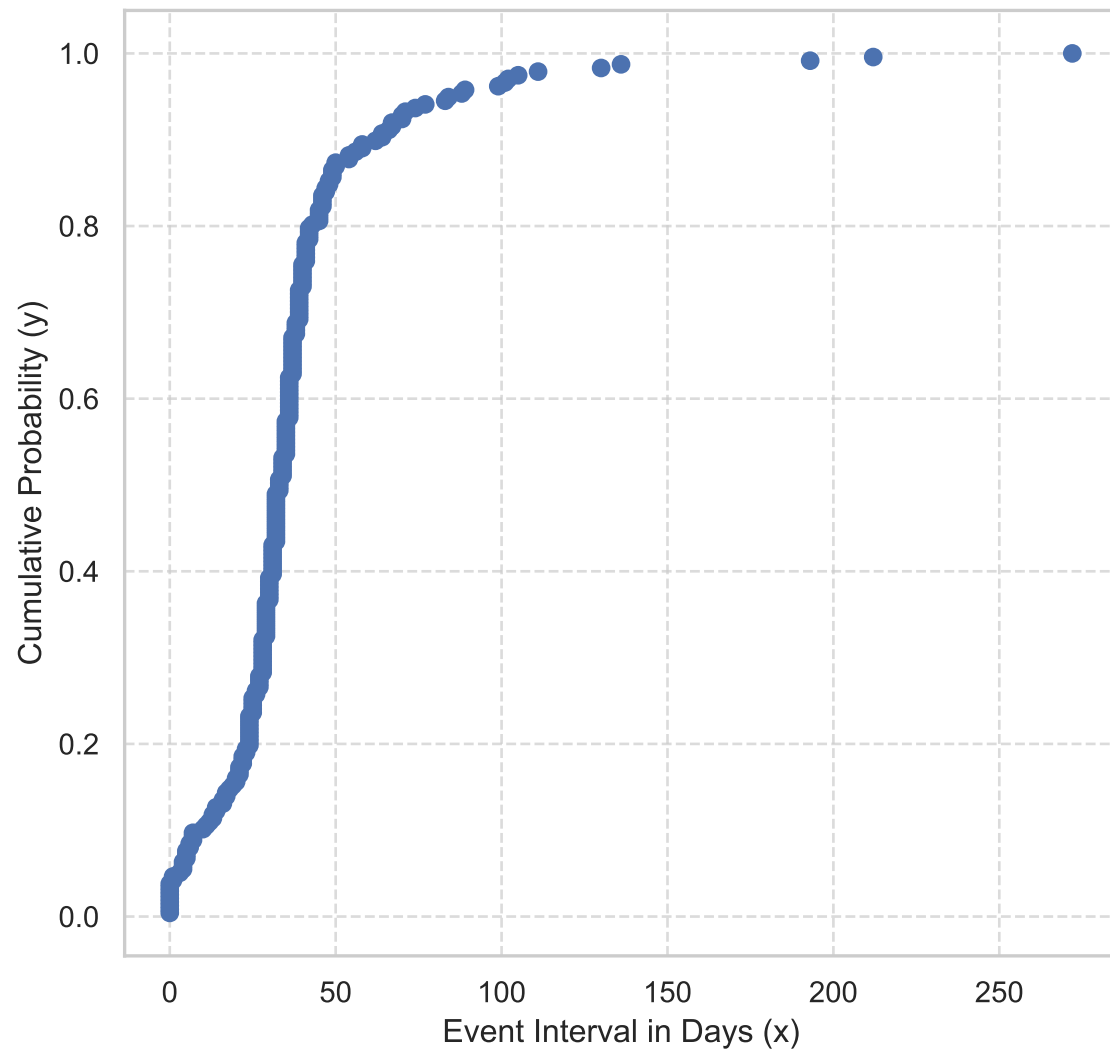


Category: A09A02

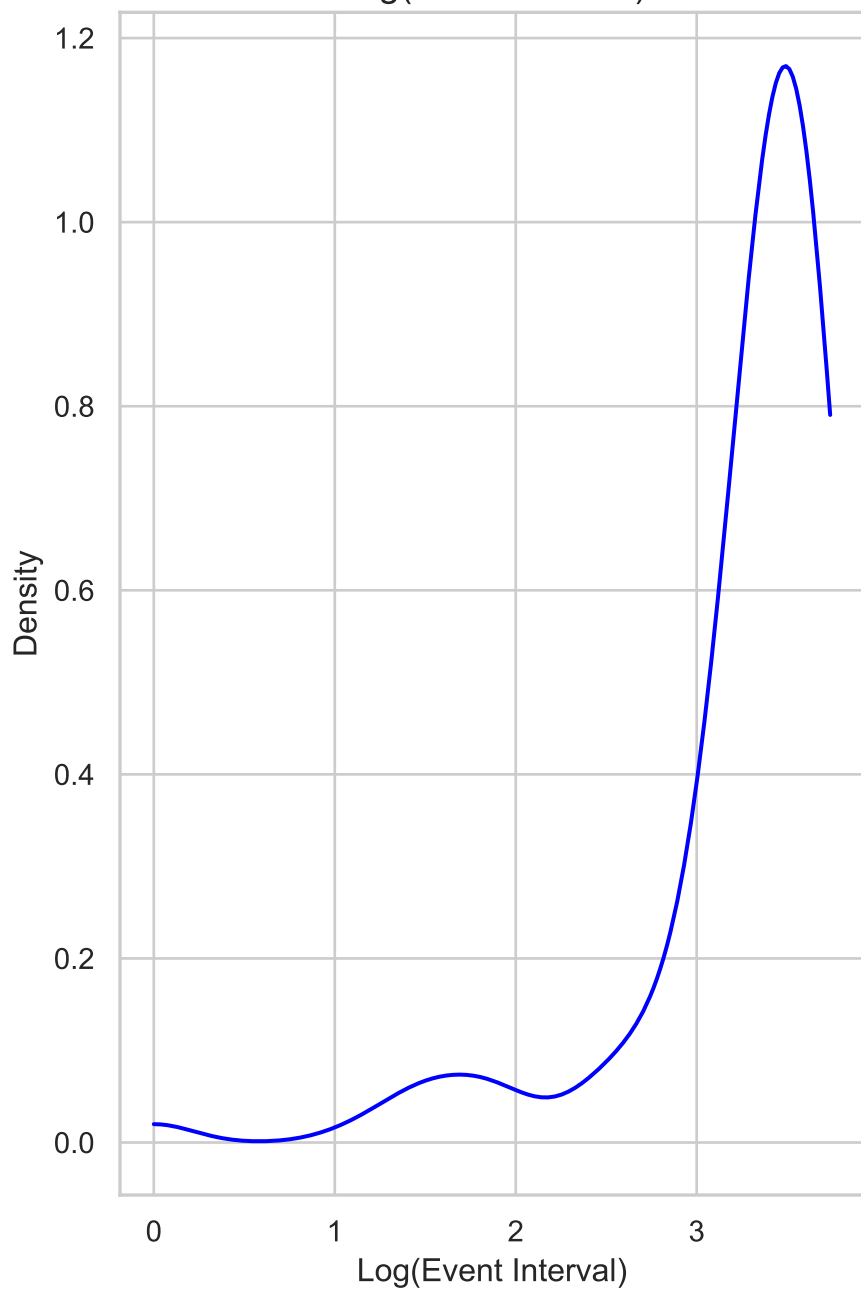
80% ECDF of Event Intervals



100% ECDF of Event Intervals

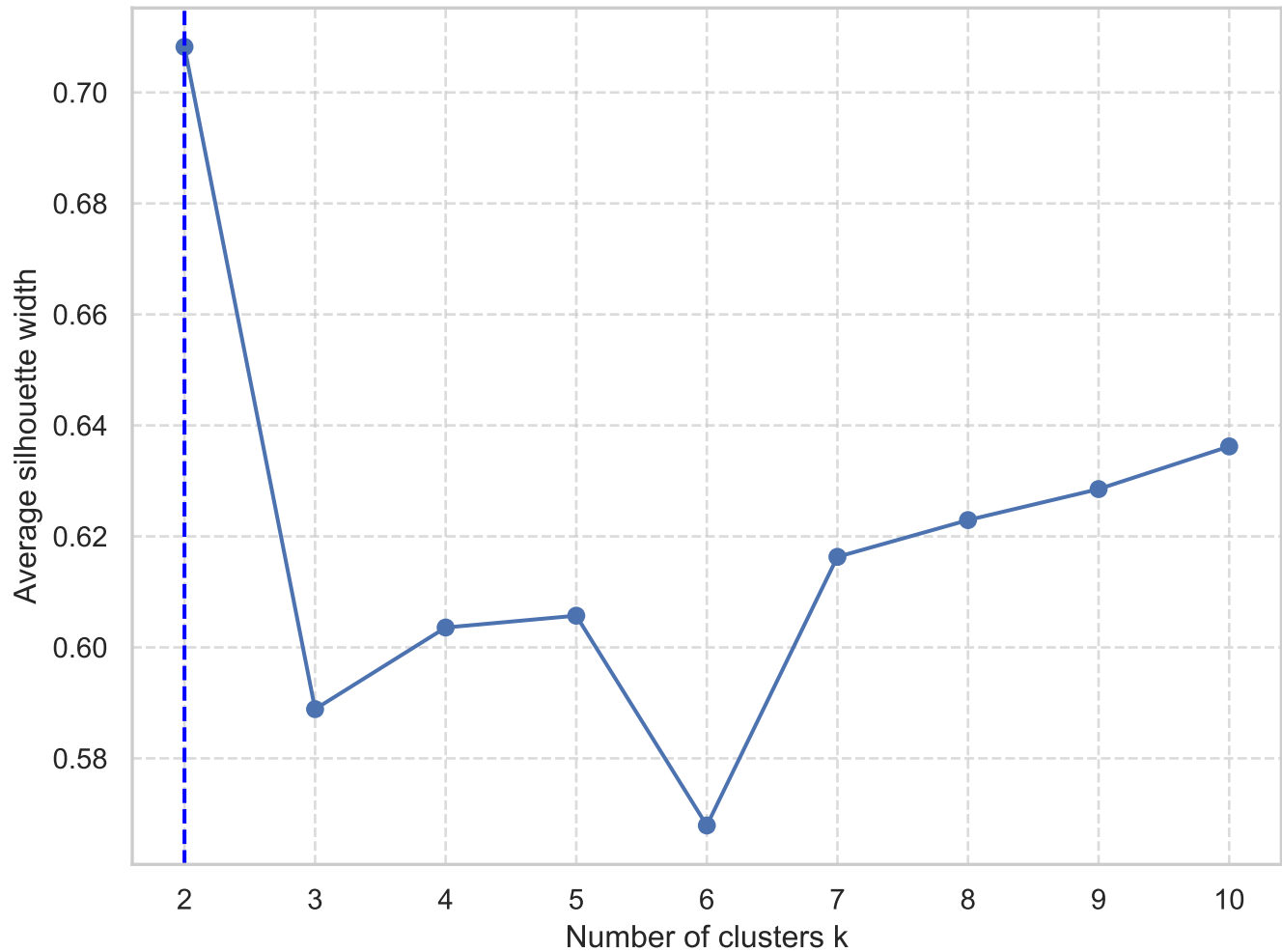


Log(event interval)

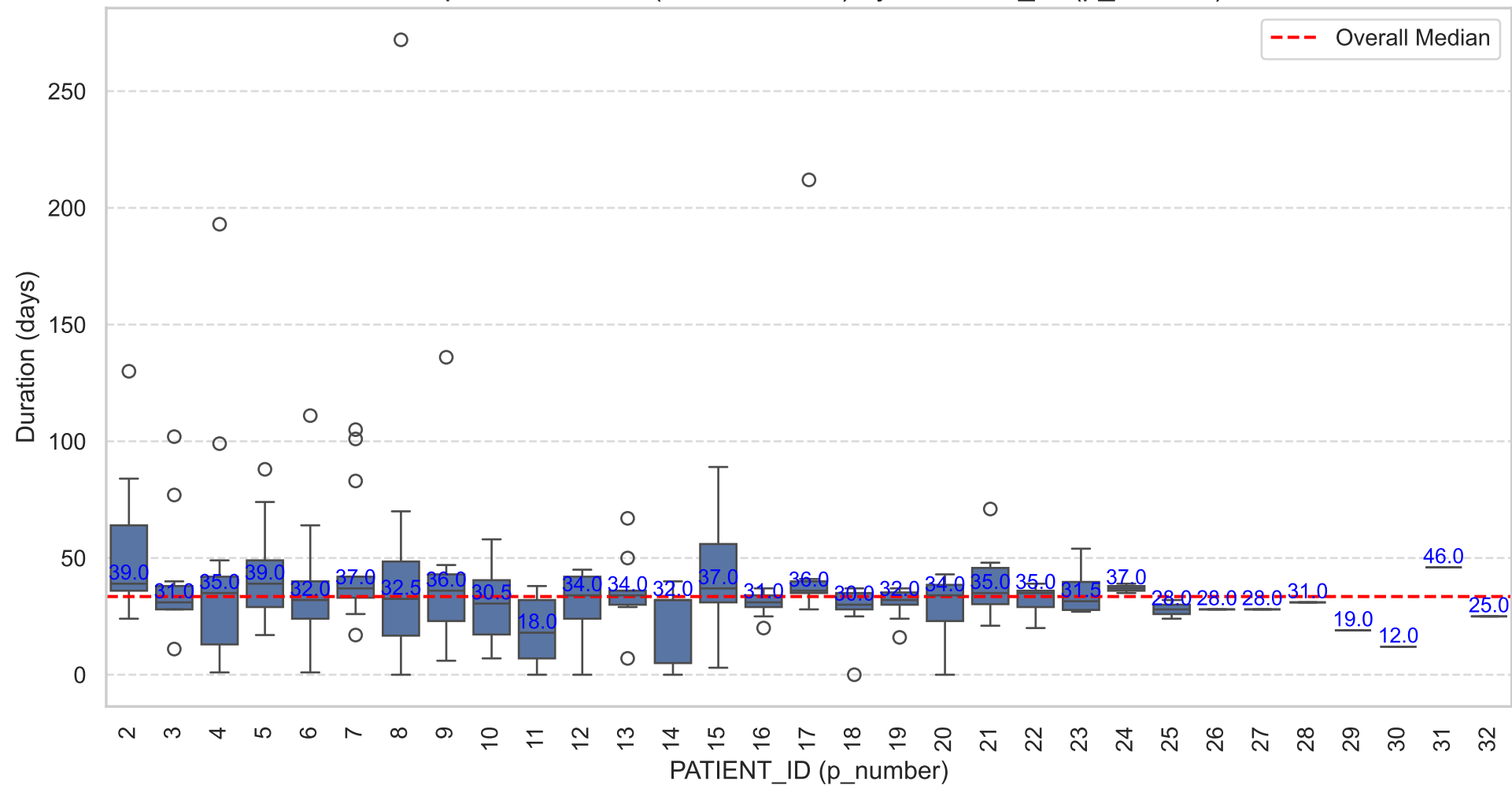


N = 180 Bandwidth = 0.2219

# Optimal number of clusters Silhouette Analysis



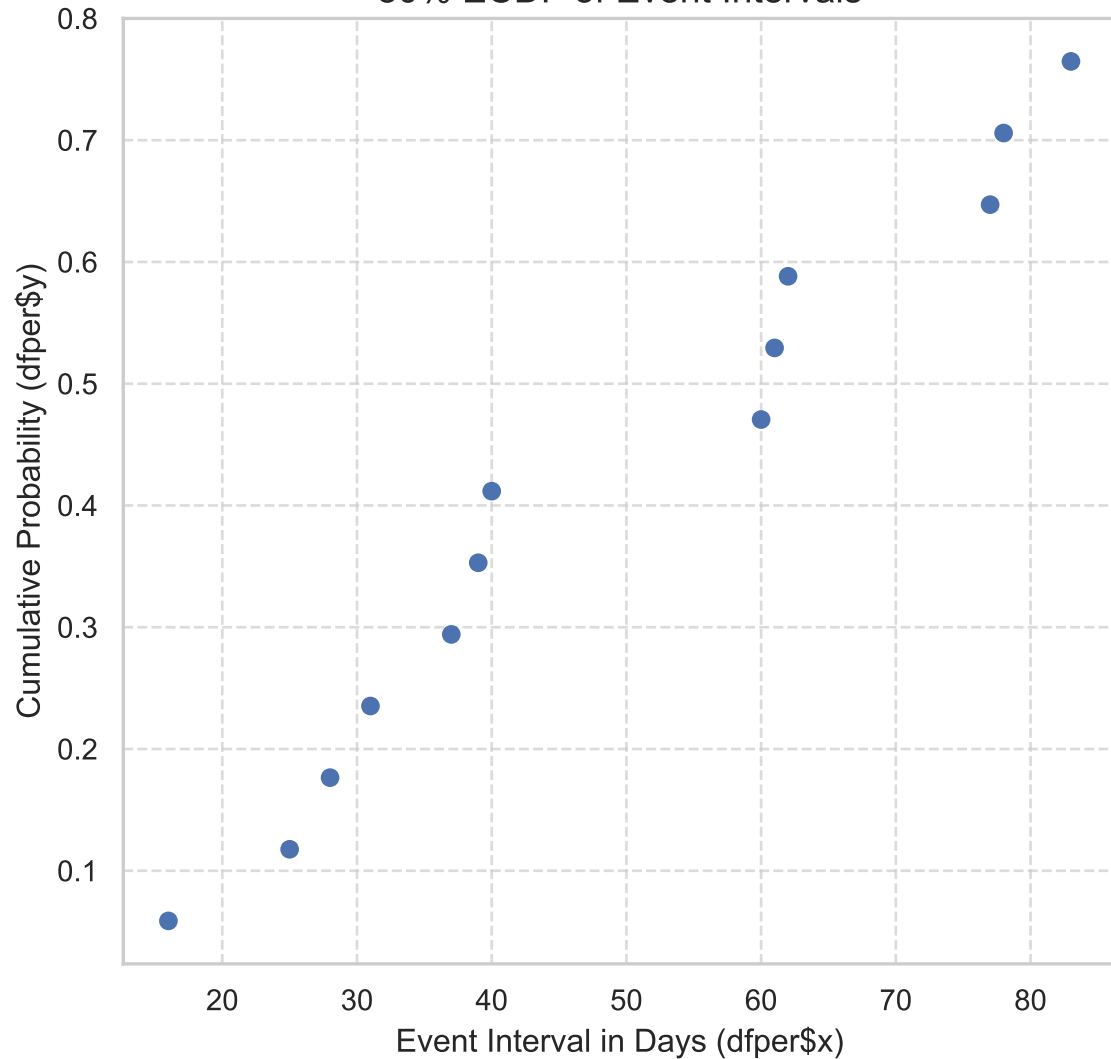
Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)



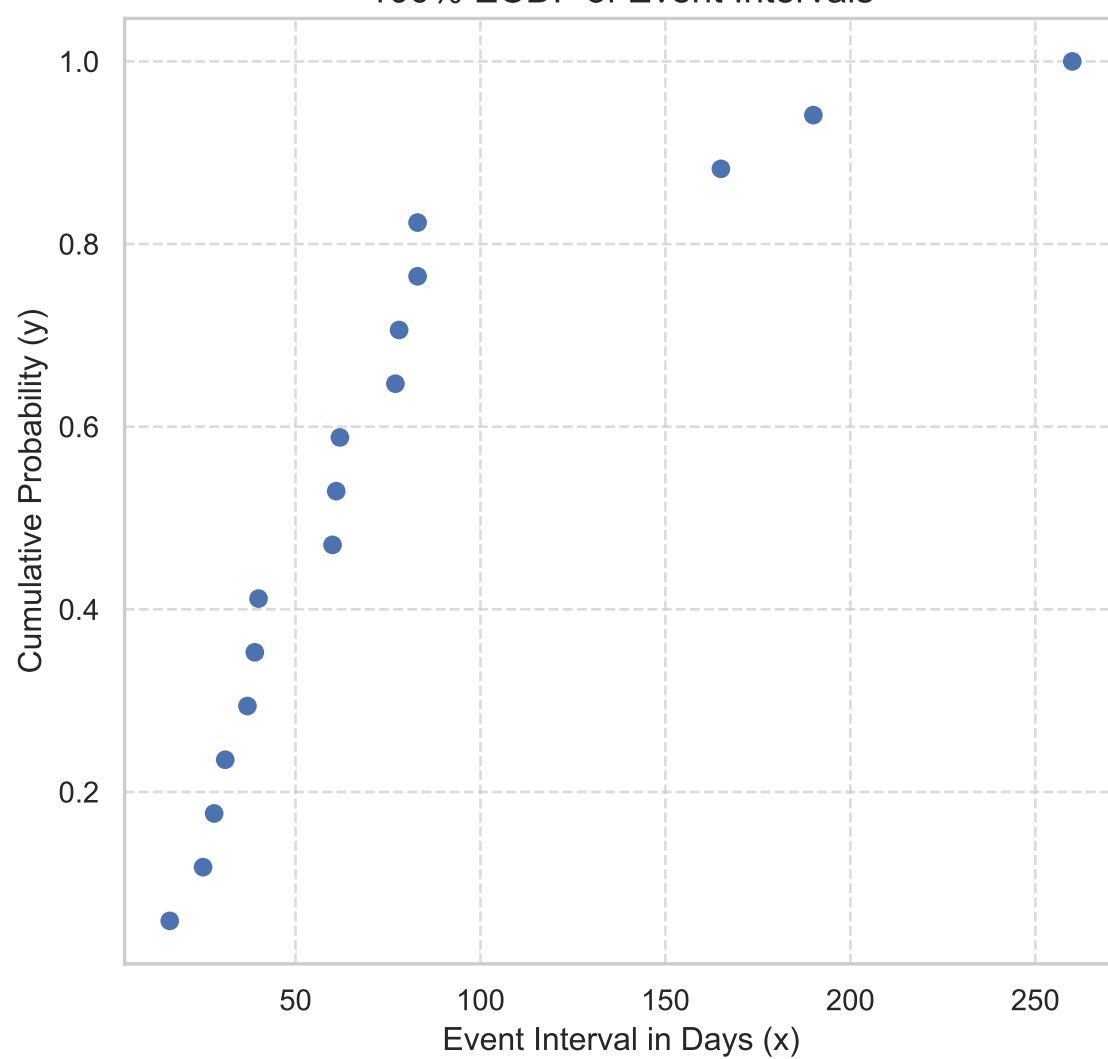


Category: R03AC12

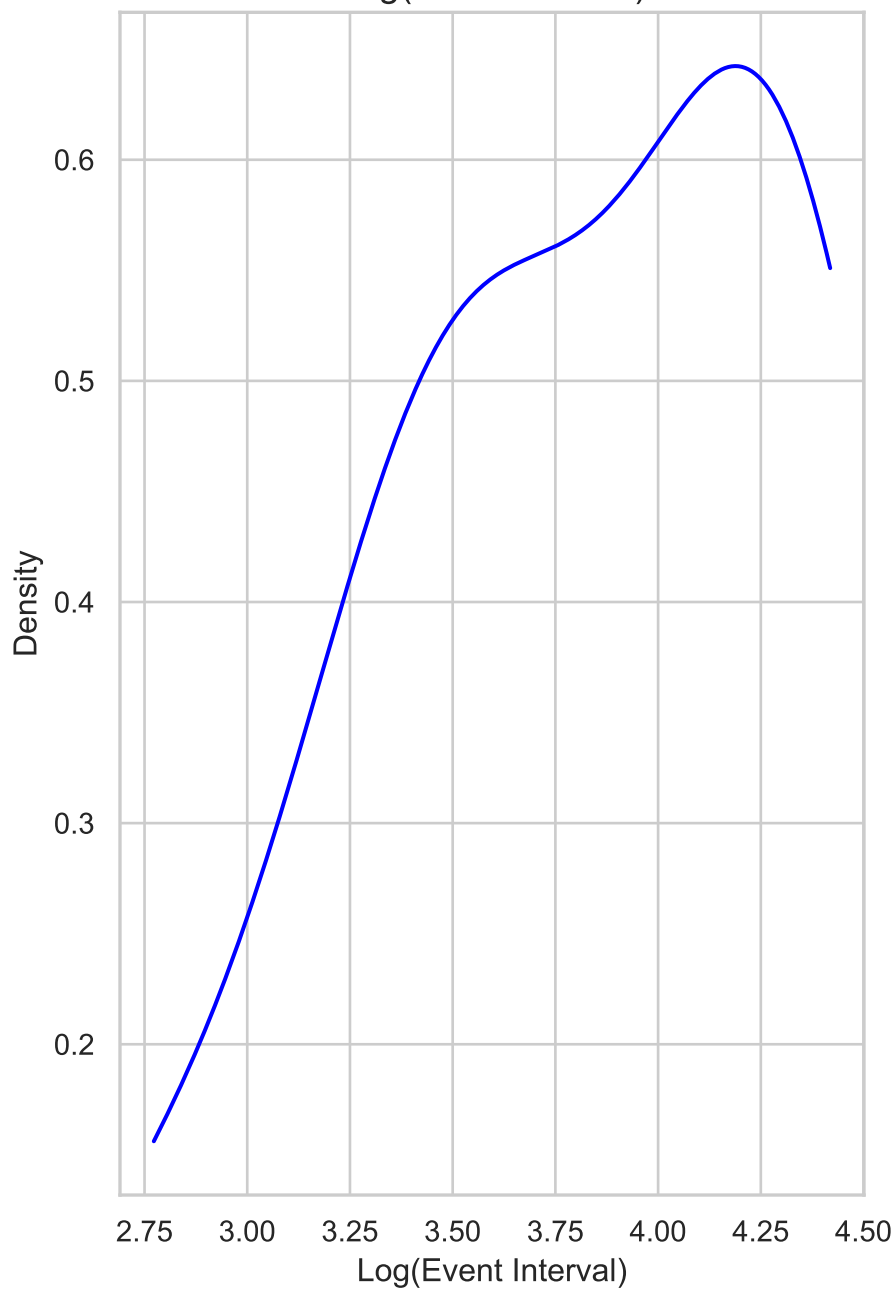
80% ECDF of Event Intervals



100% ECDF of Event Intervals

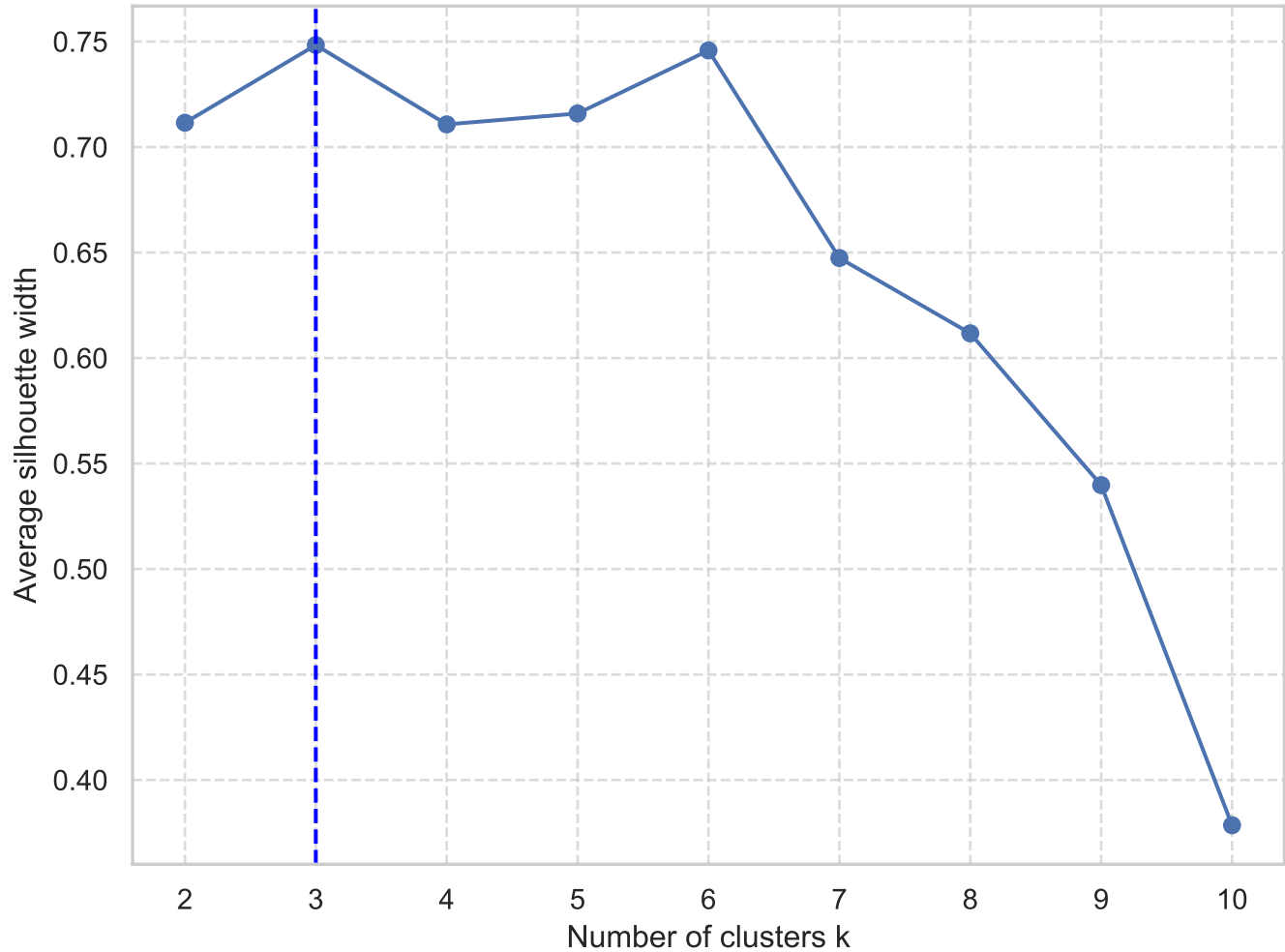


Log(event interval)

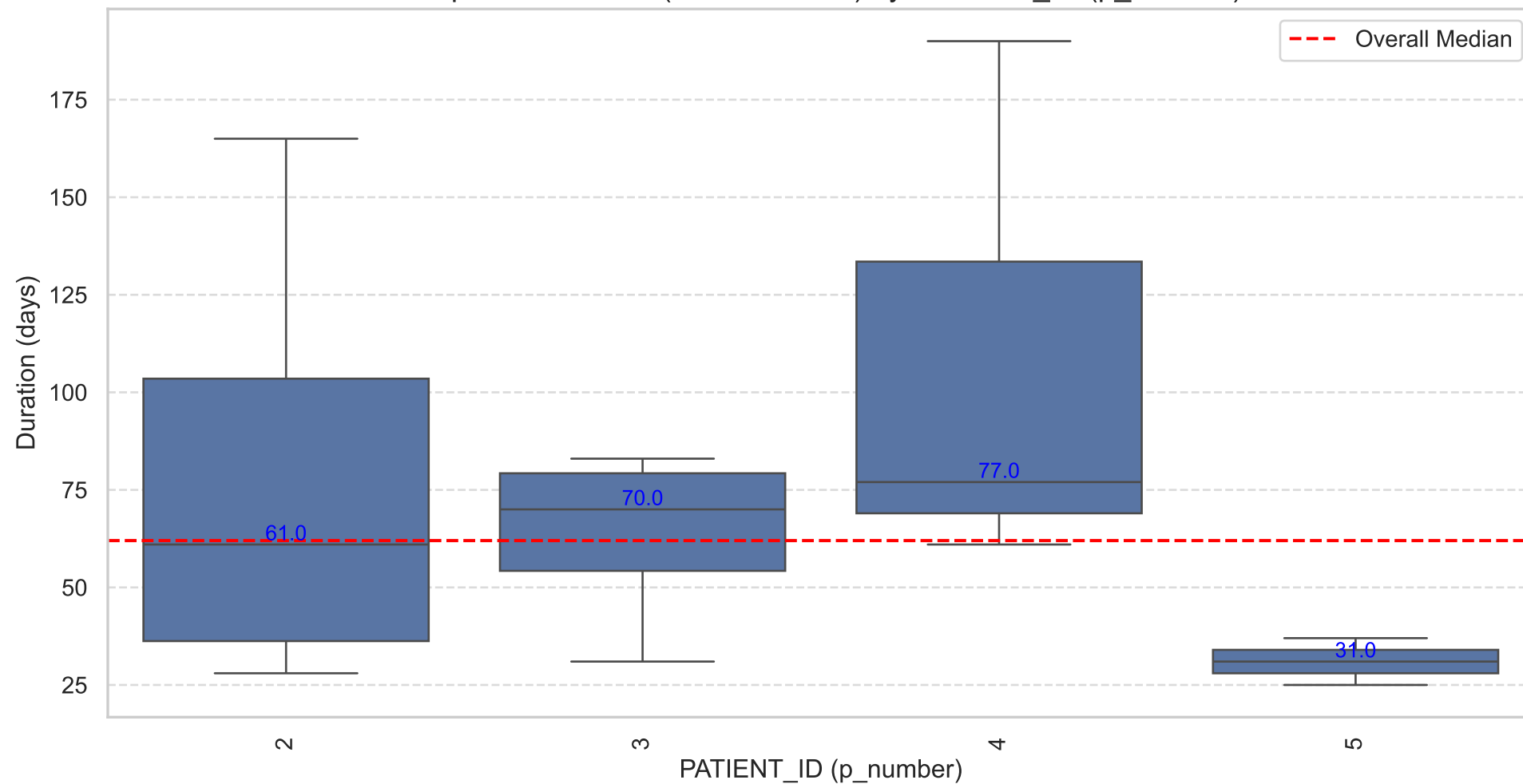


N = 14 Bandwidth = 0.3045

Optimal number of clusters  
Silhouette Analysis

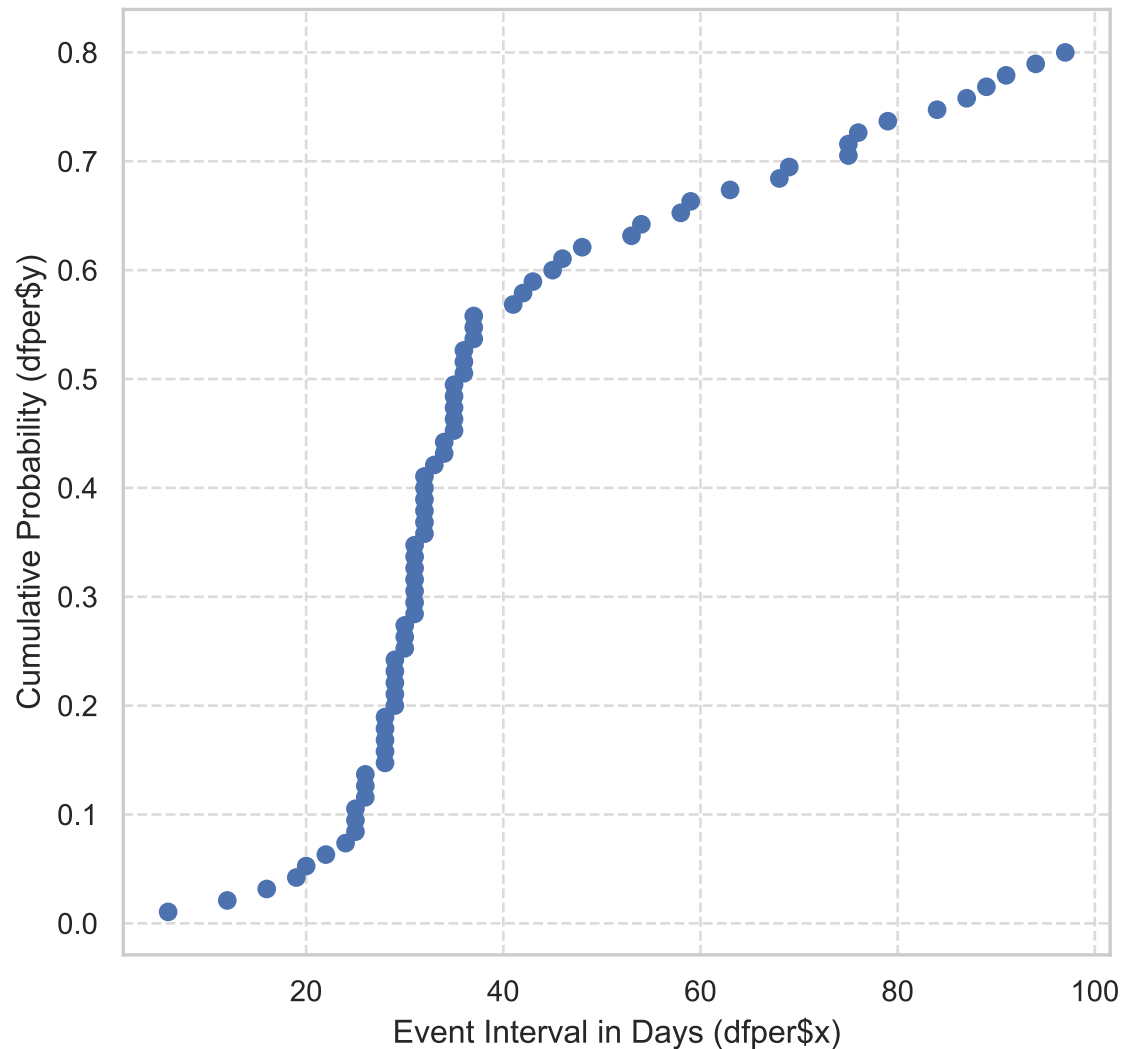


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

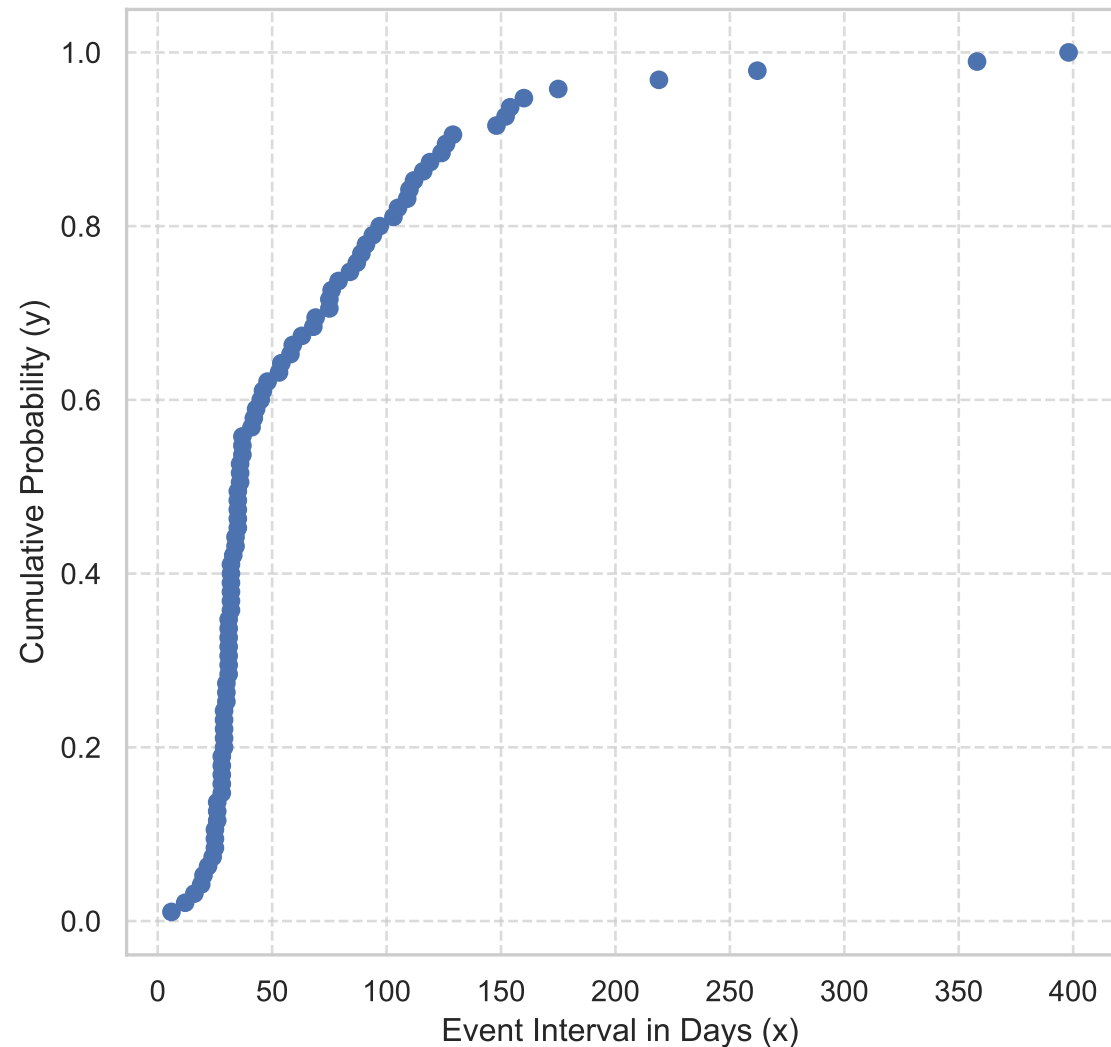


Category: *A11CC05*

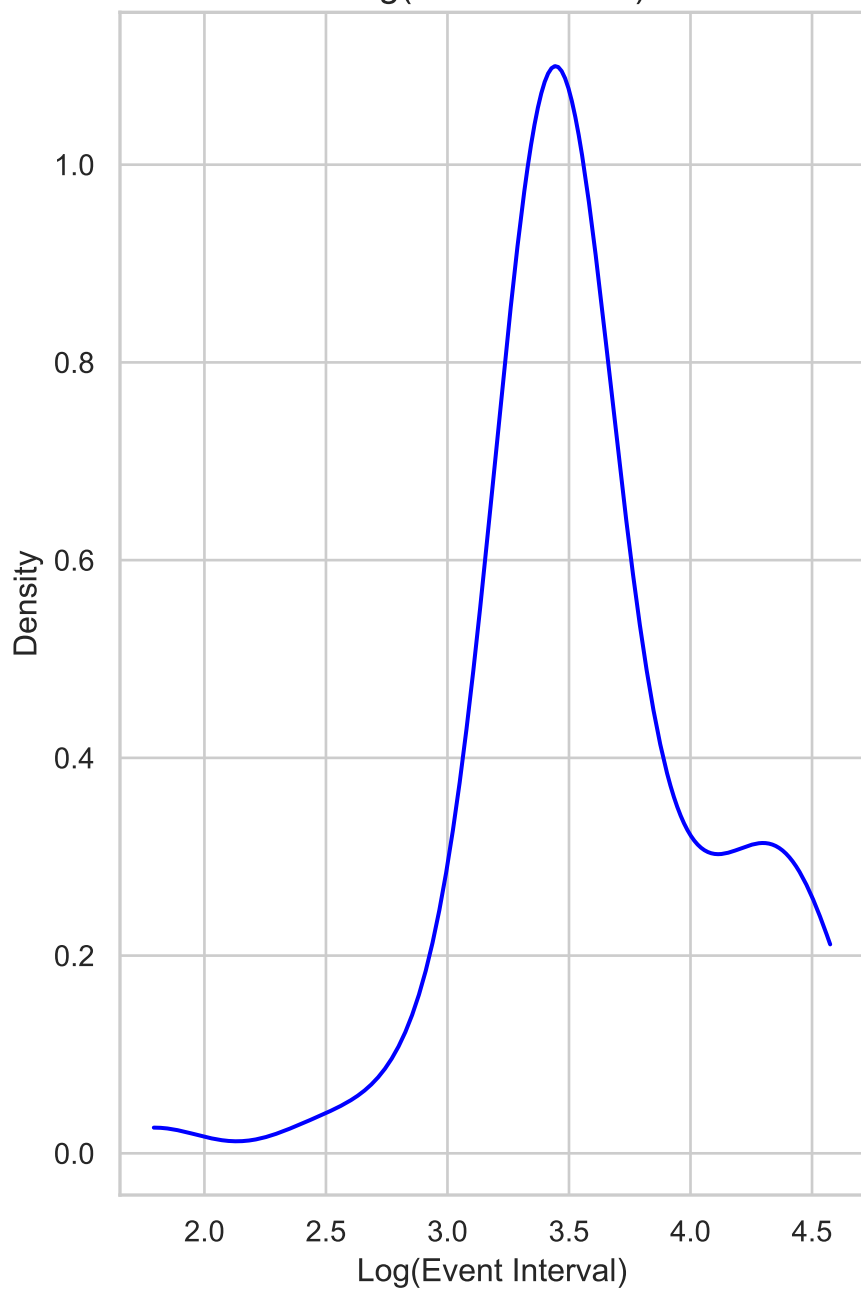
80% ECDF of Event Intervals



100% ECDF of Event Intervals



Log(event interval)

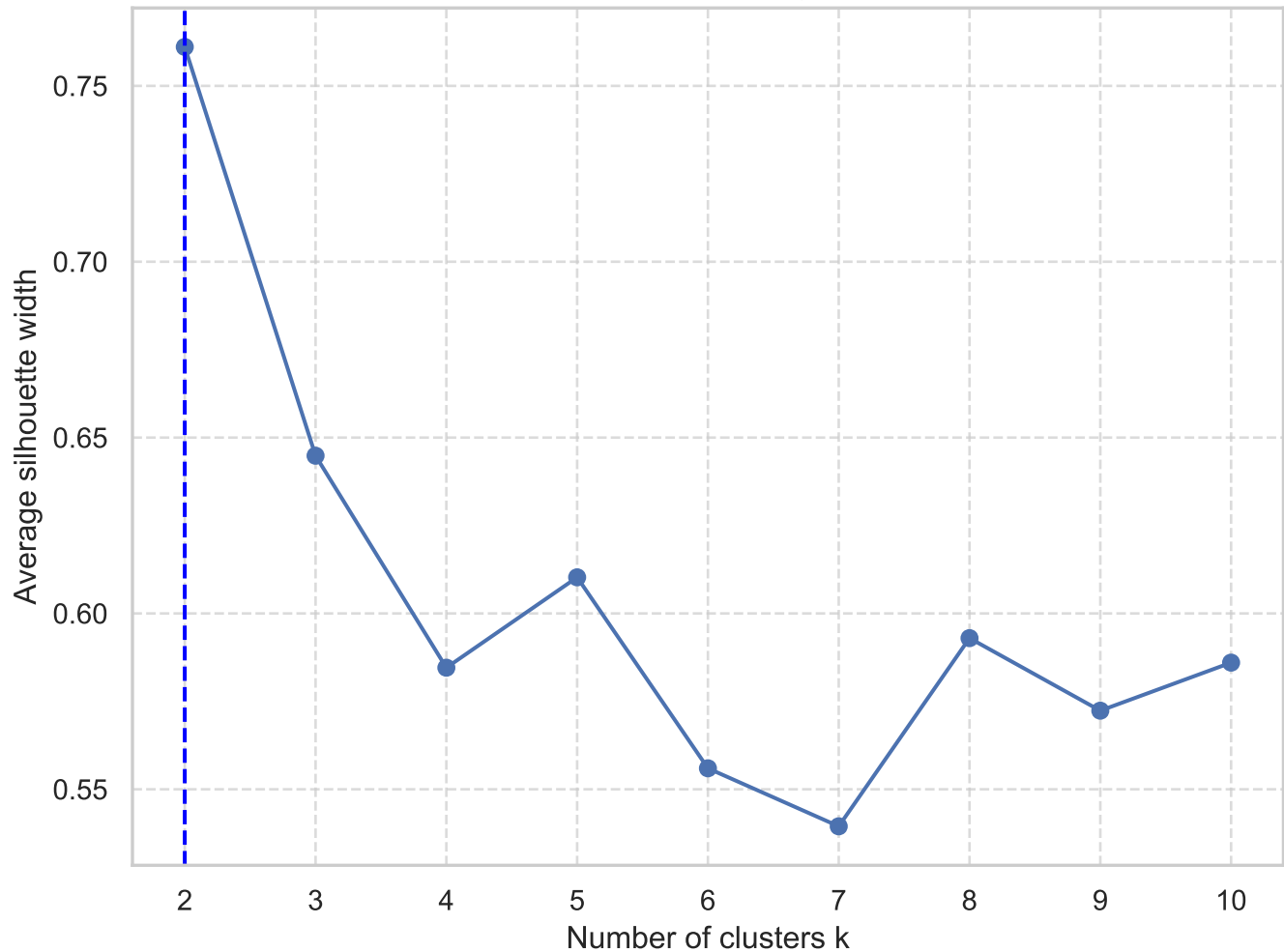


N = 76 Bandwidth = 0.2025

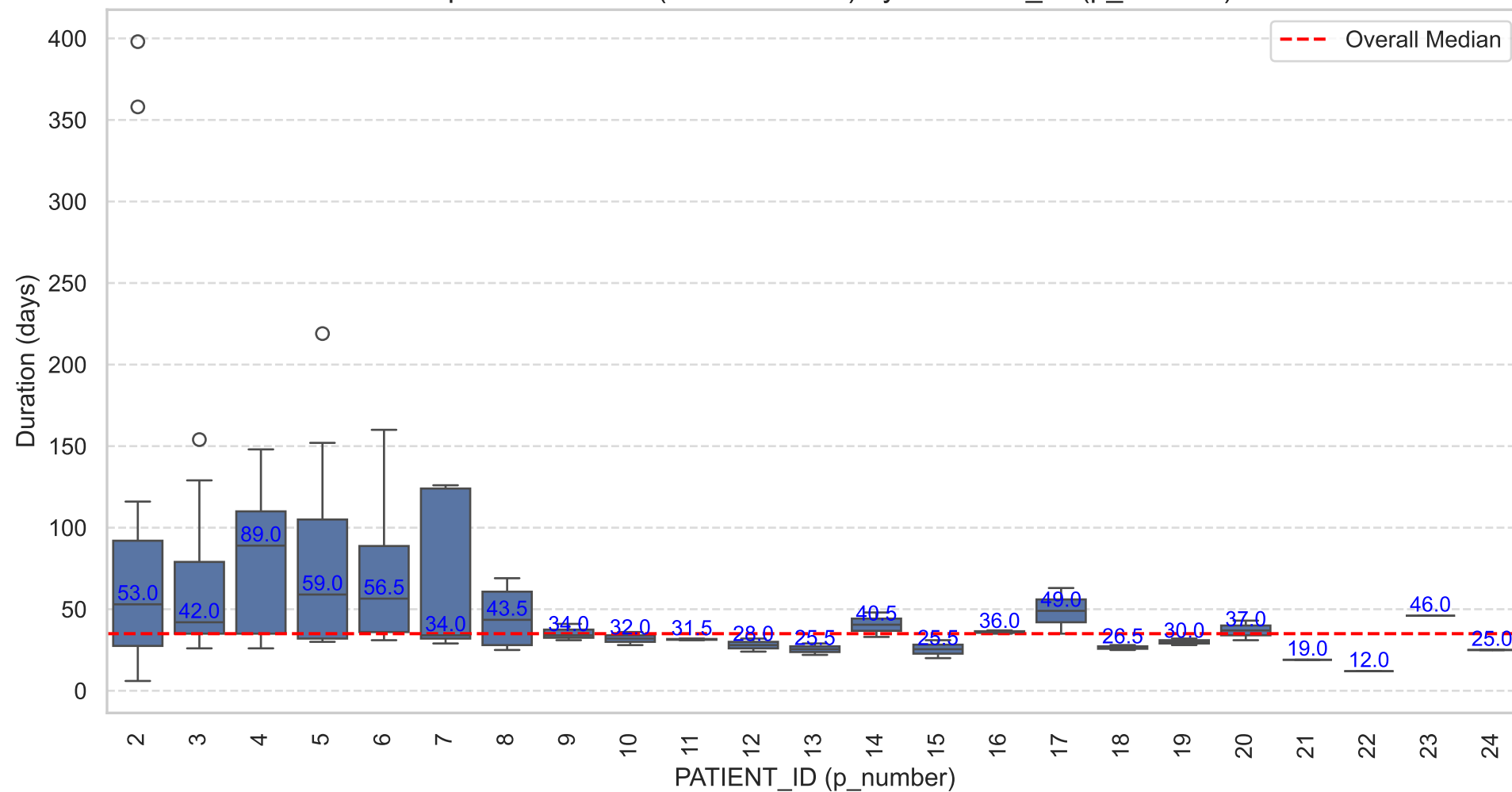


# Optimal number of clusters

## Silhouette Analysis

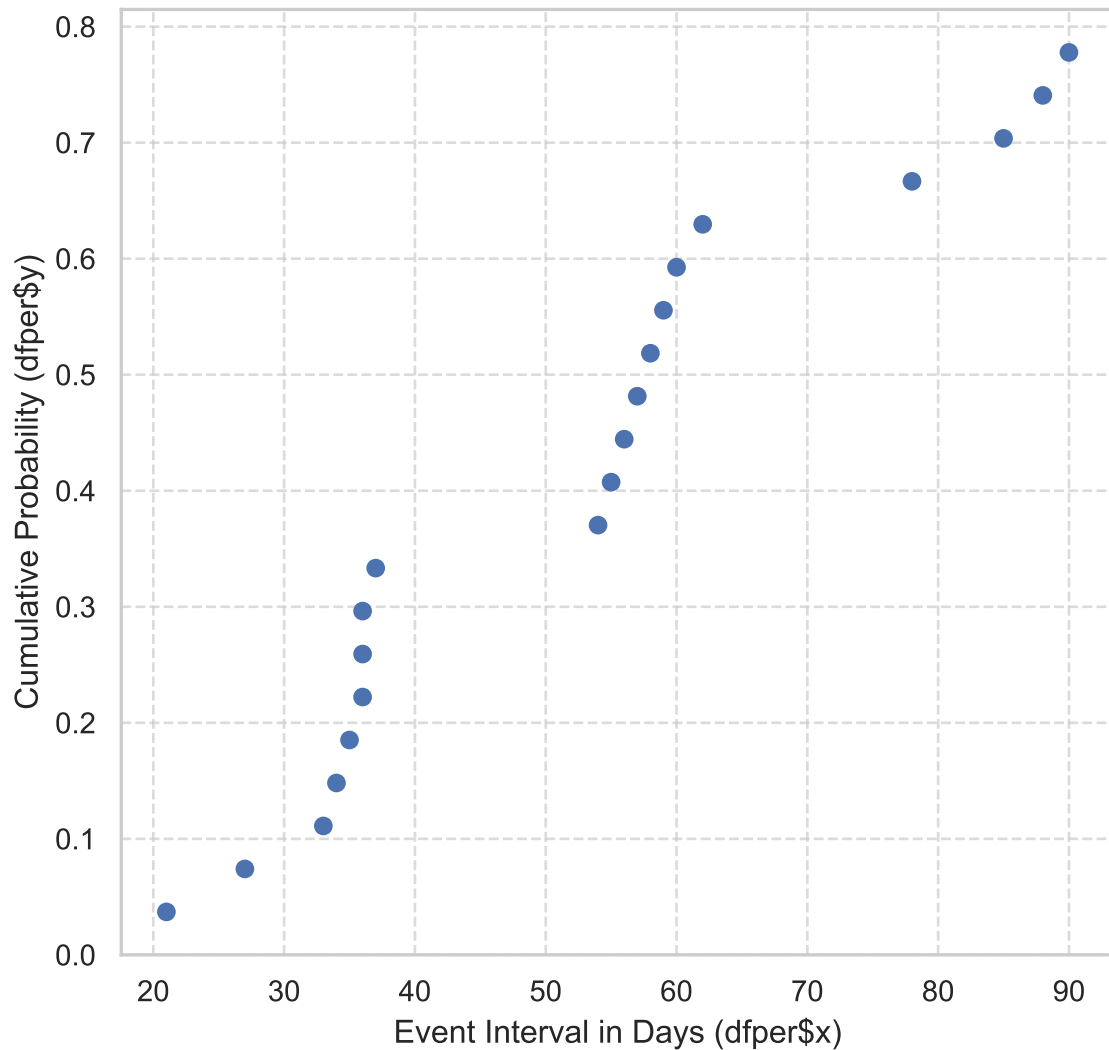


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

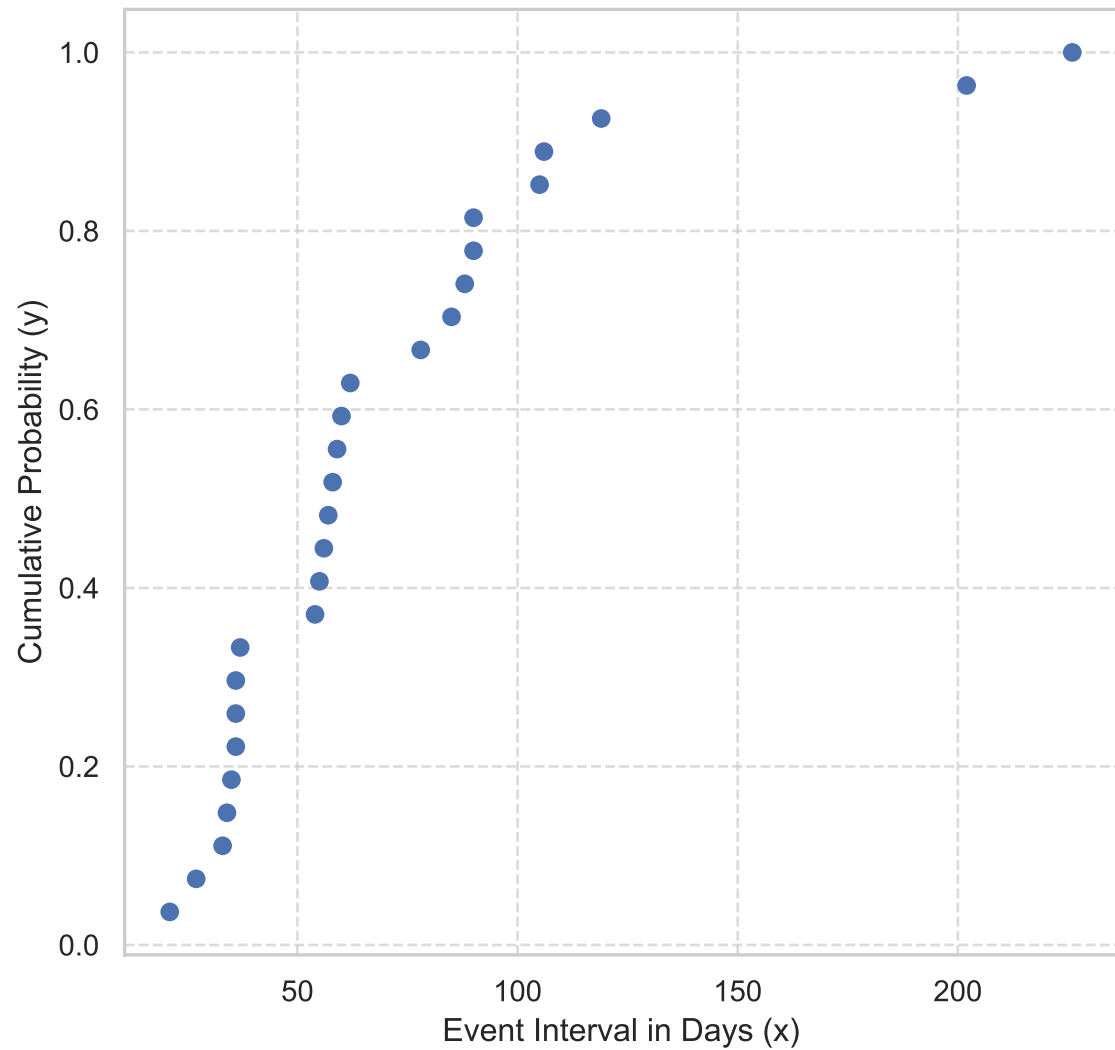


Category: R03AK07

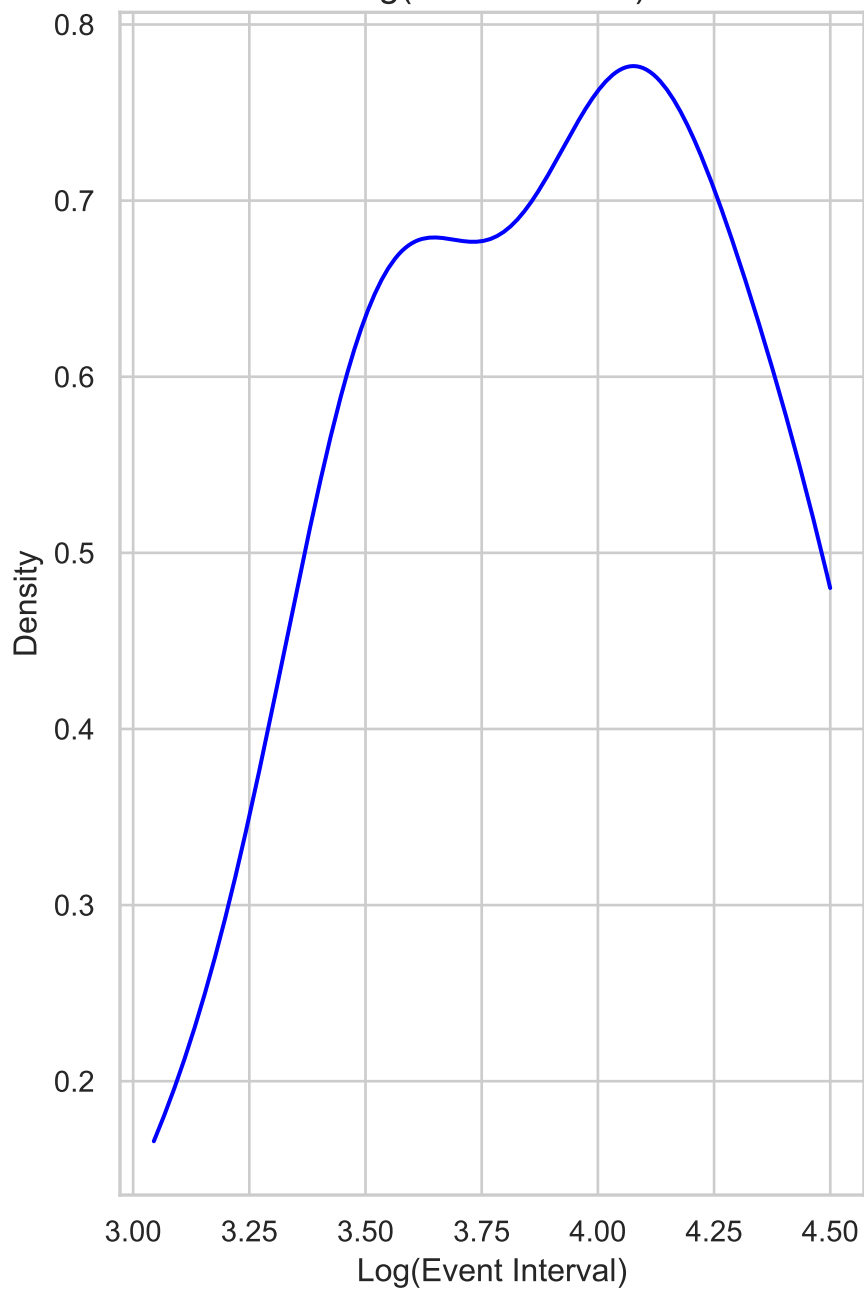
80% ECDF of Event Intervals



100% ECDF of Event Intervals

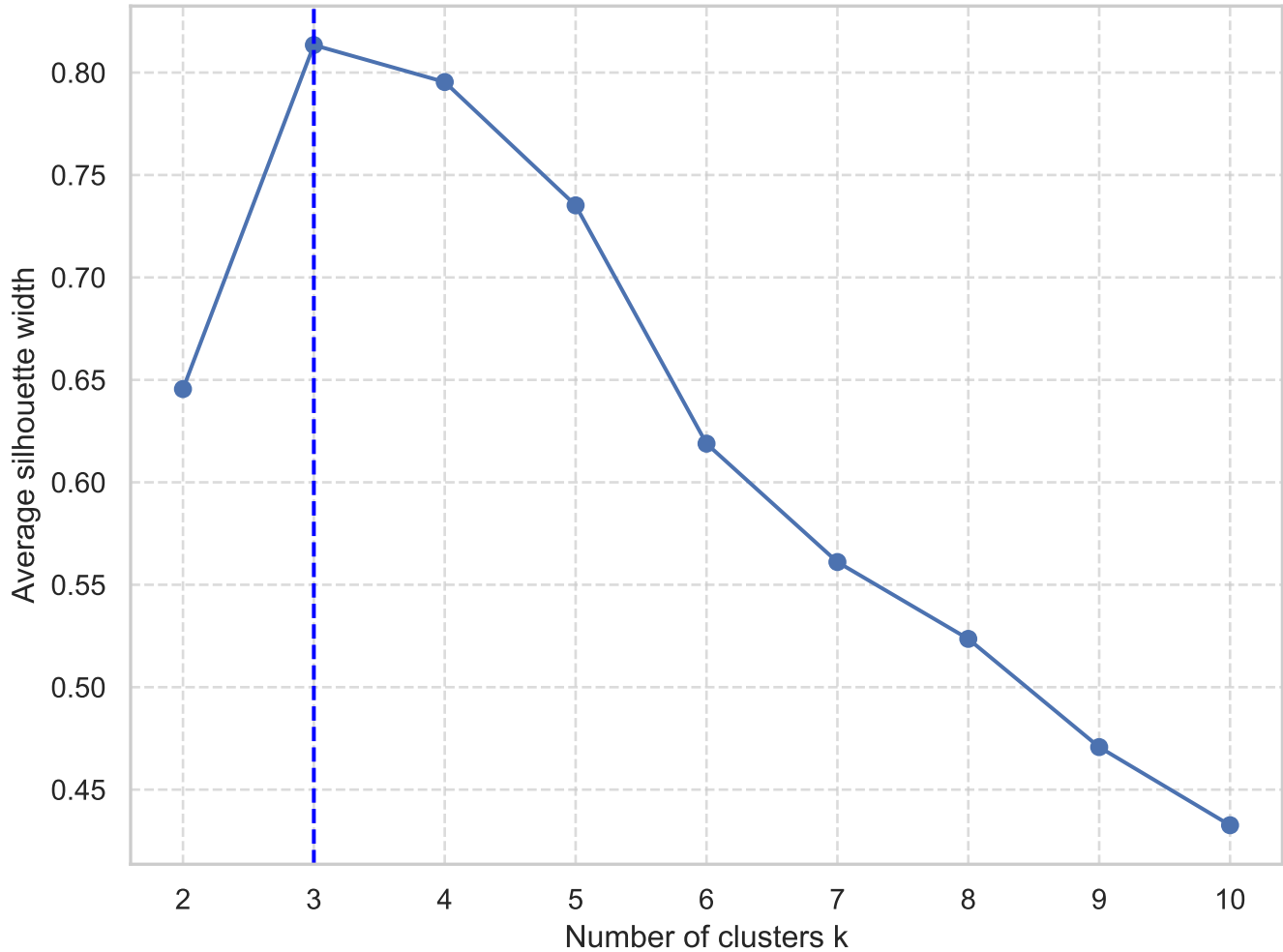


Log(event interval)

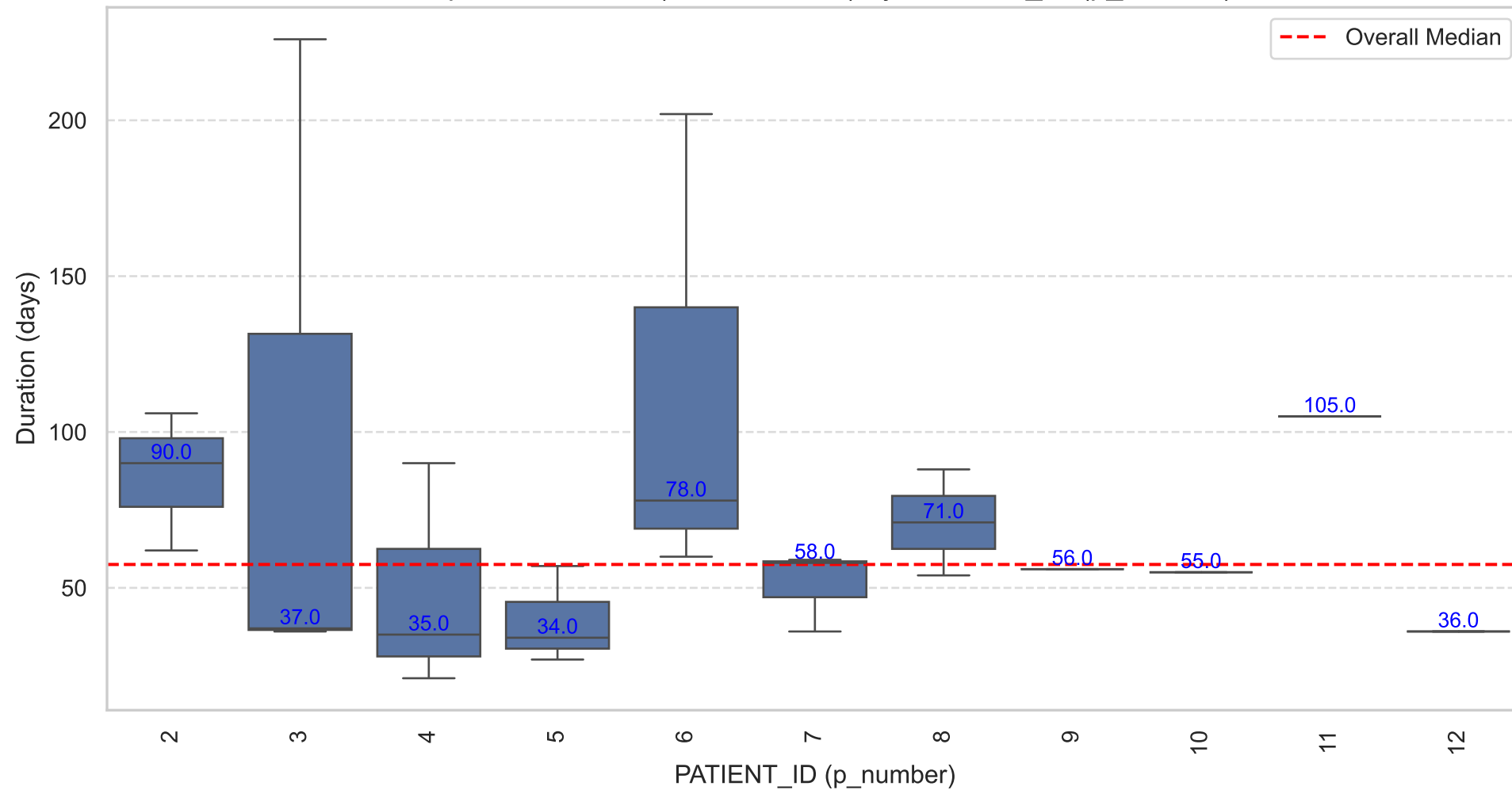


N = 22 Bandwidth = 0.2249

Optimal number of clusters  
Silhouette Analysis



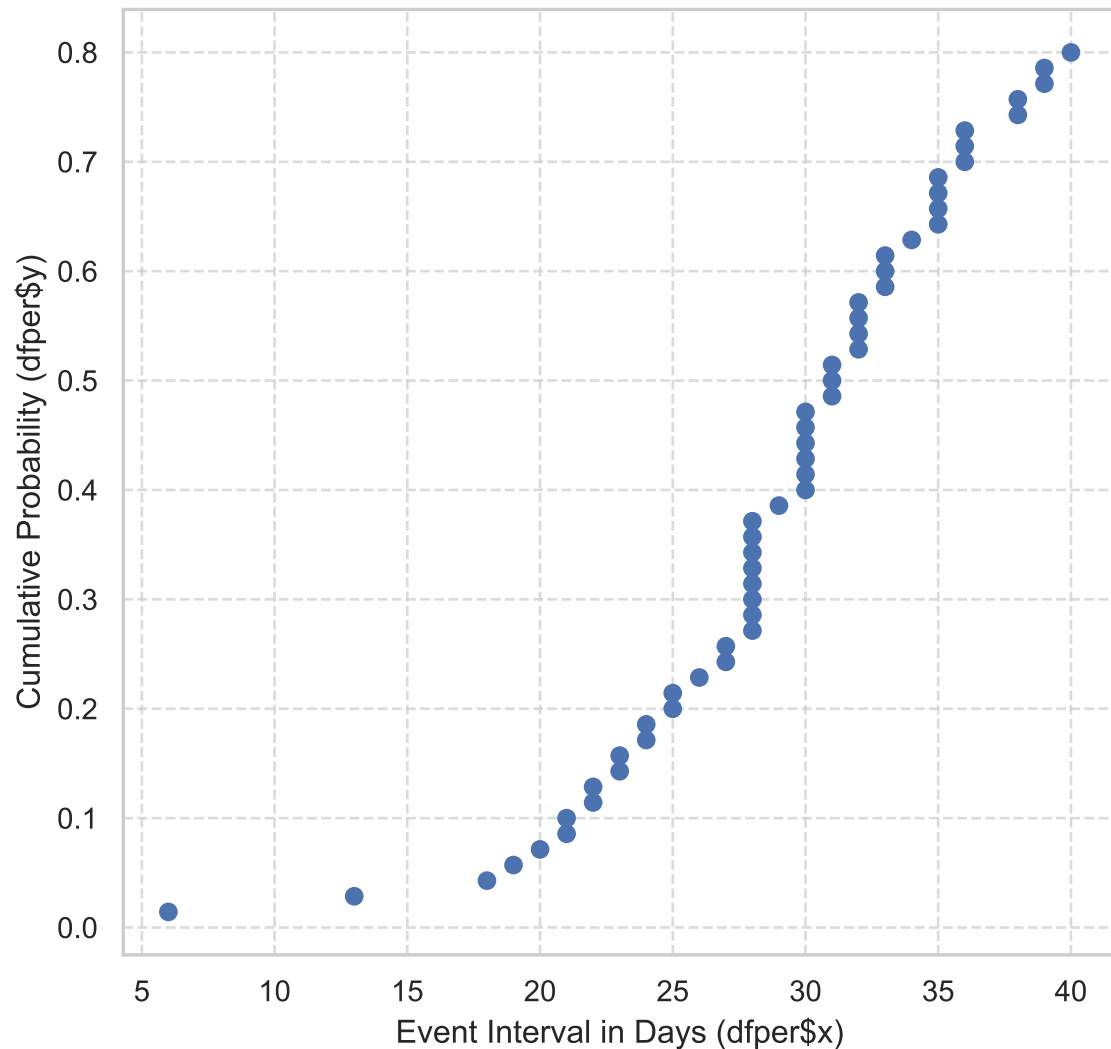
Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)



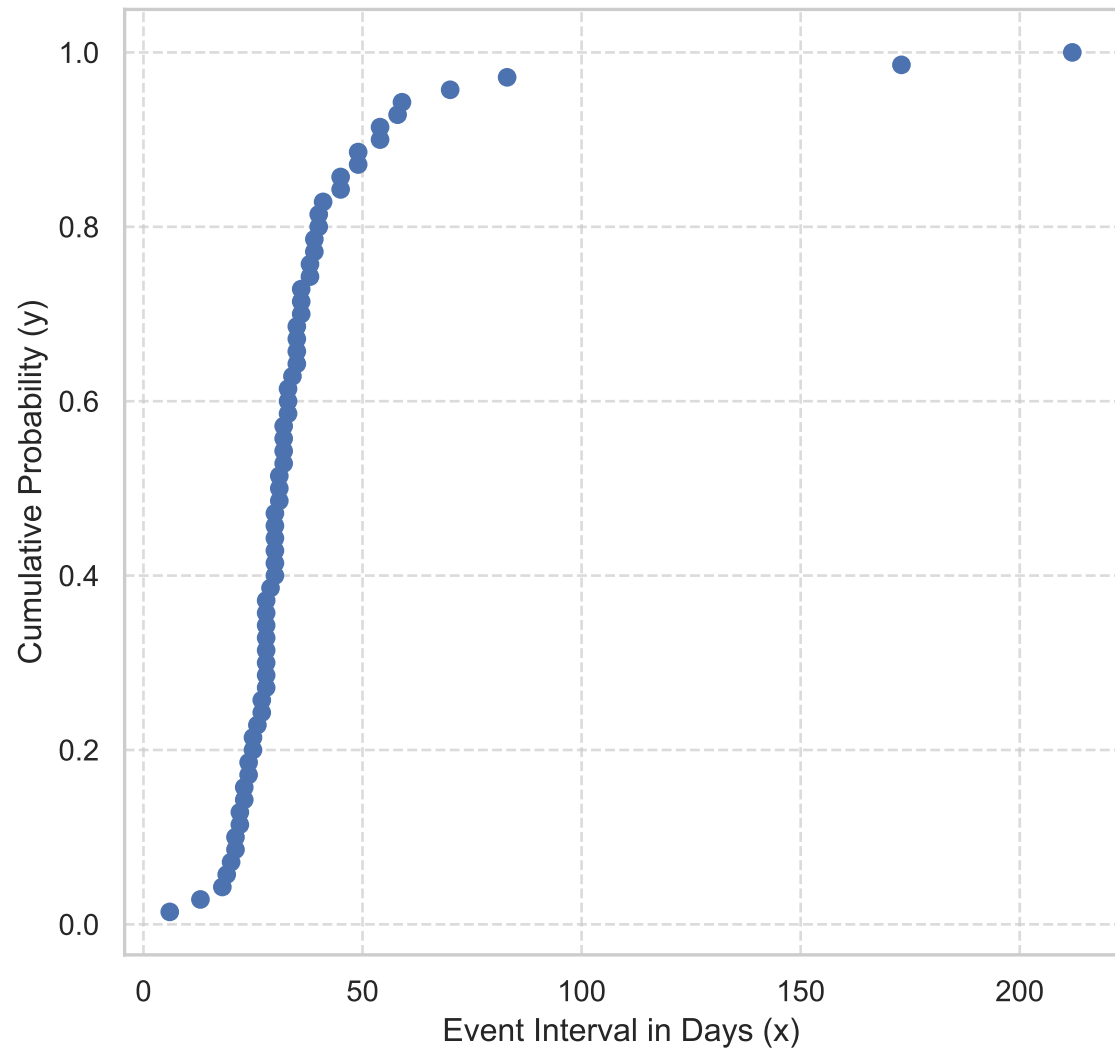
Category: A05A02

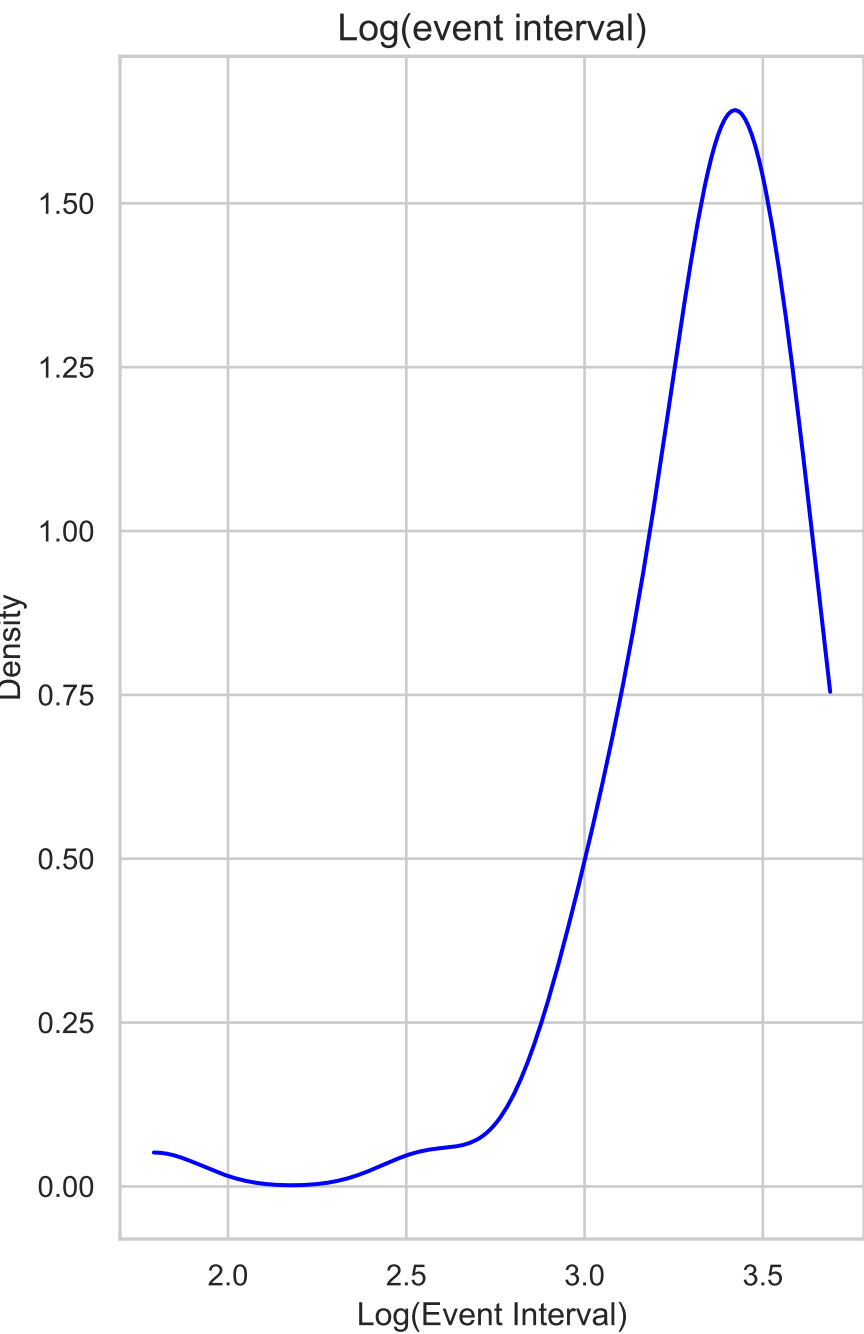


80% ECDF of Event Intervals



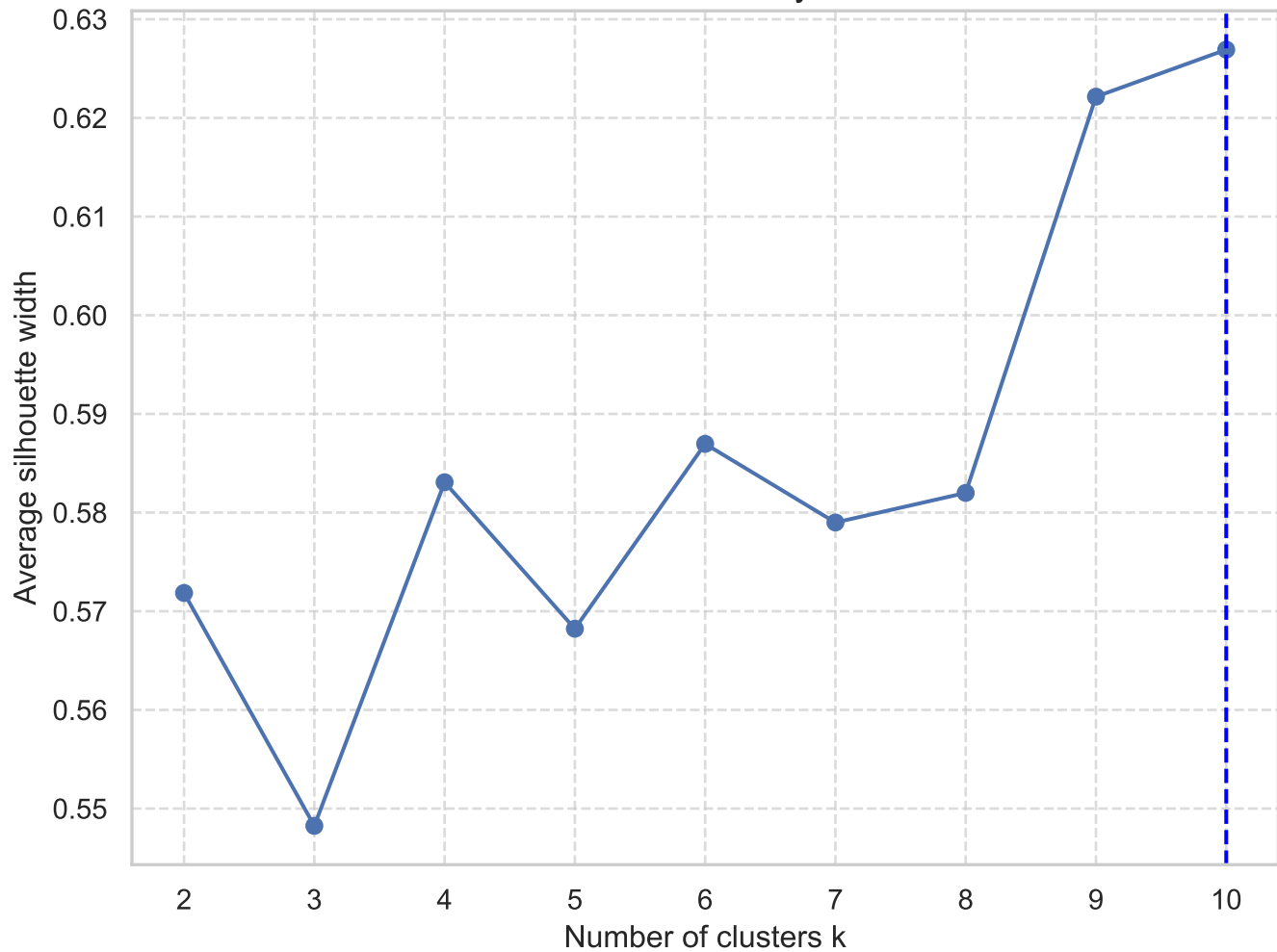
100% ECDF of Event Intervals



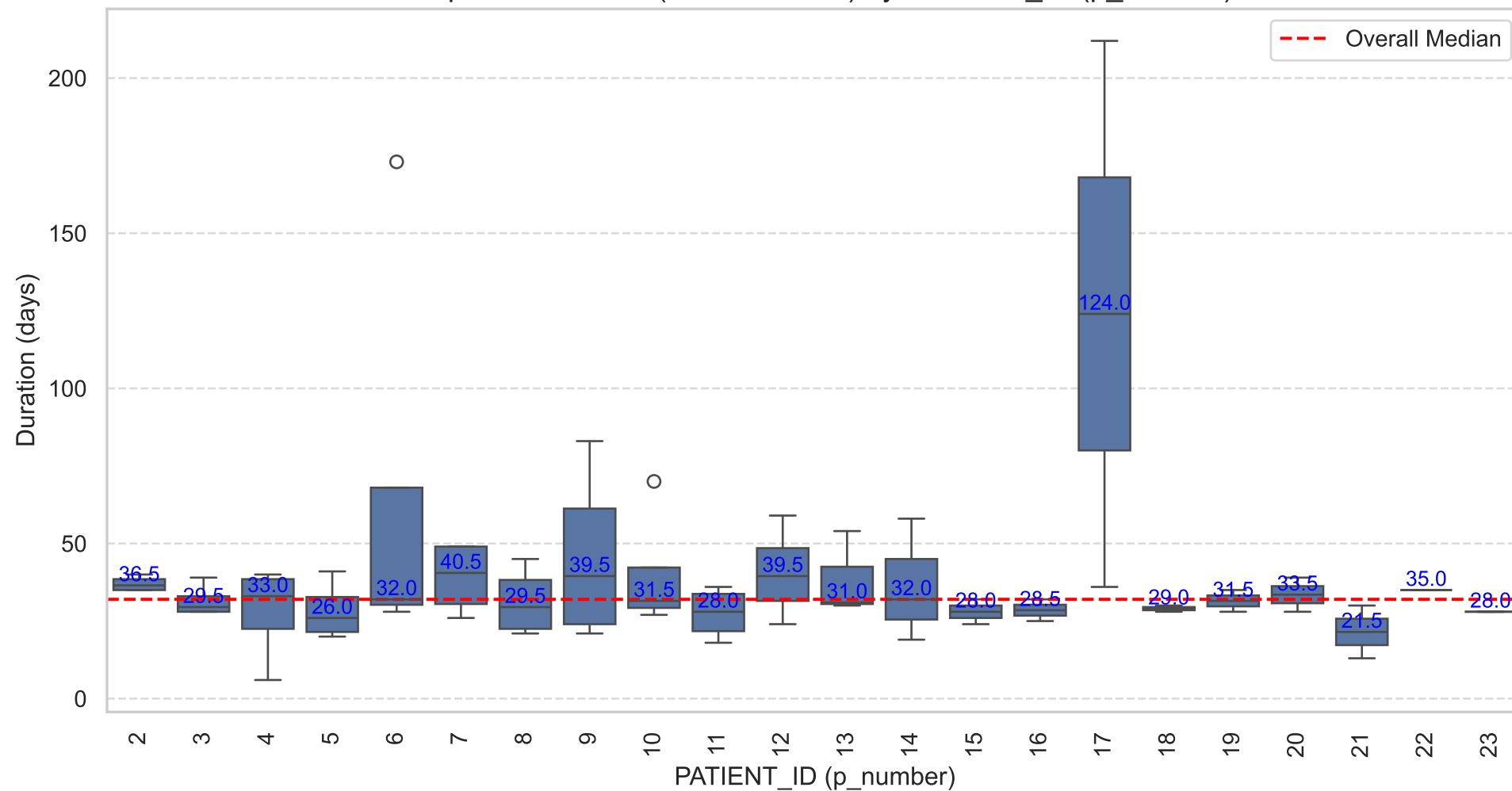


N = 57 Bandwidth = 0.1352

Optimal number of clusters  
Silhouette Analysis

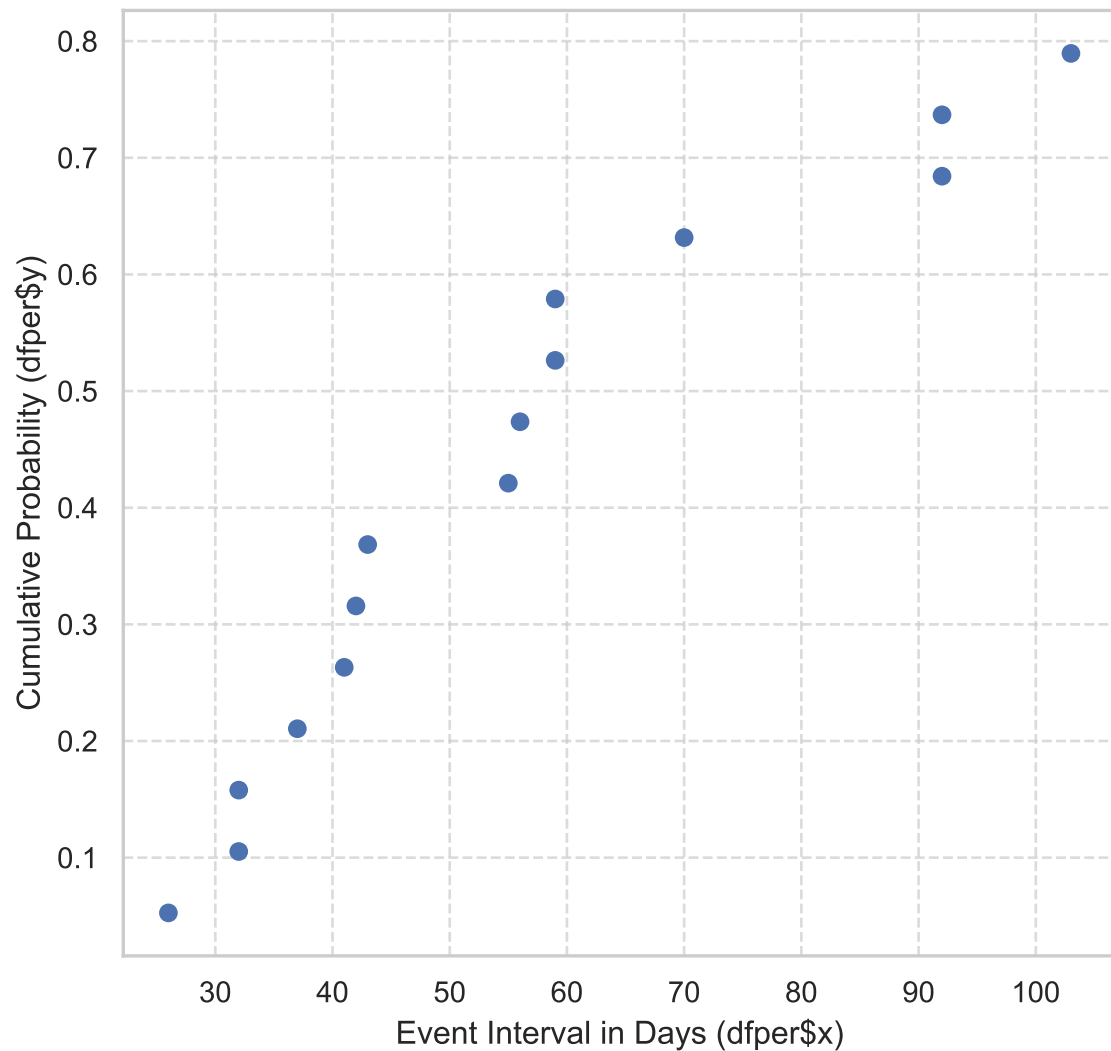


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

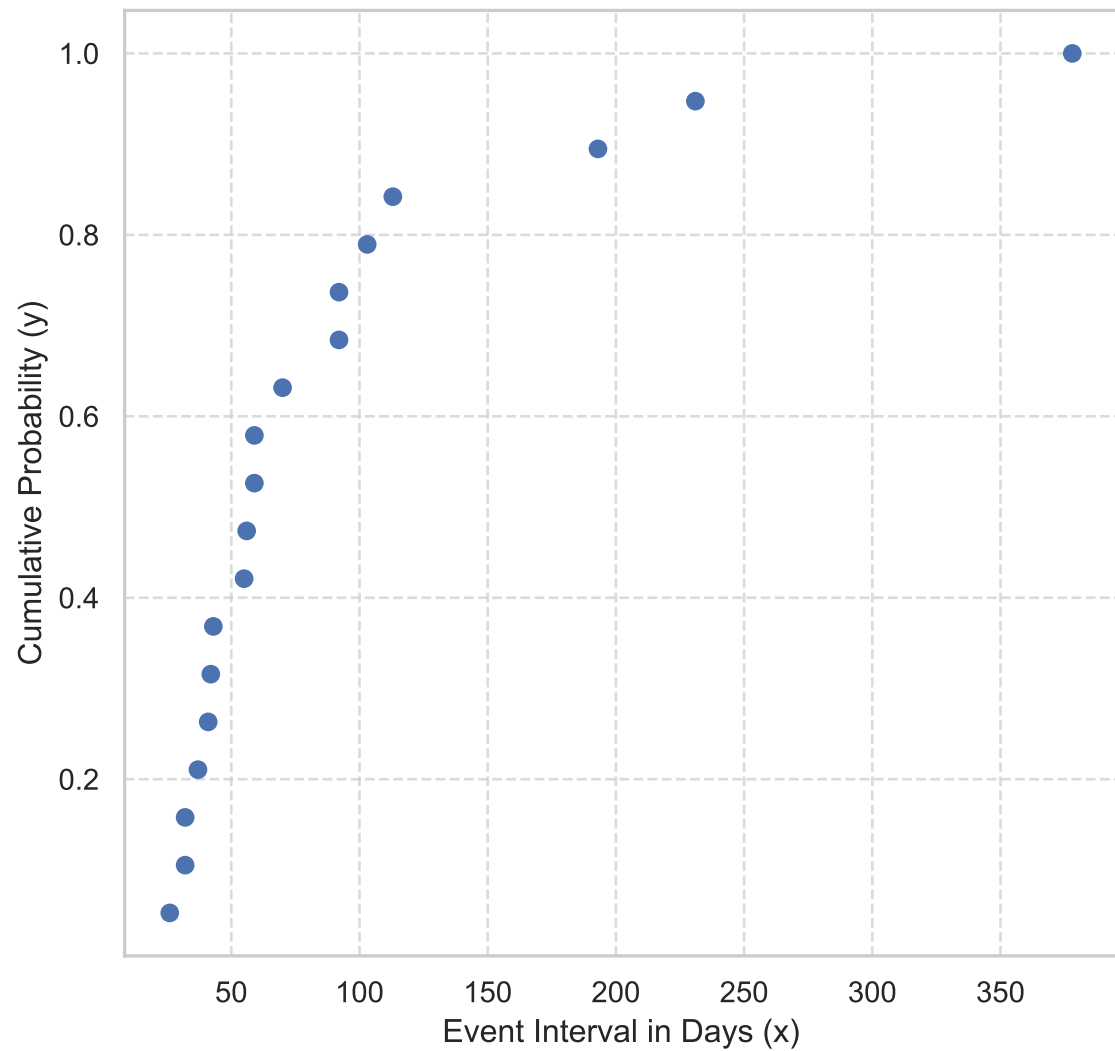


Category: A11CA01

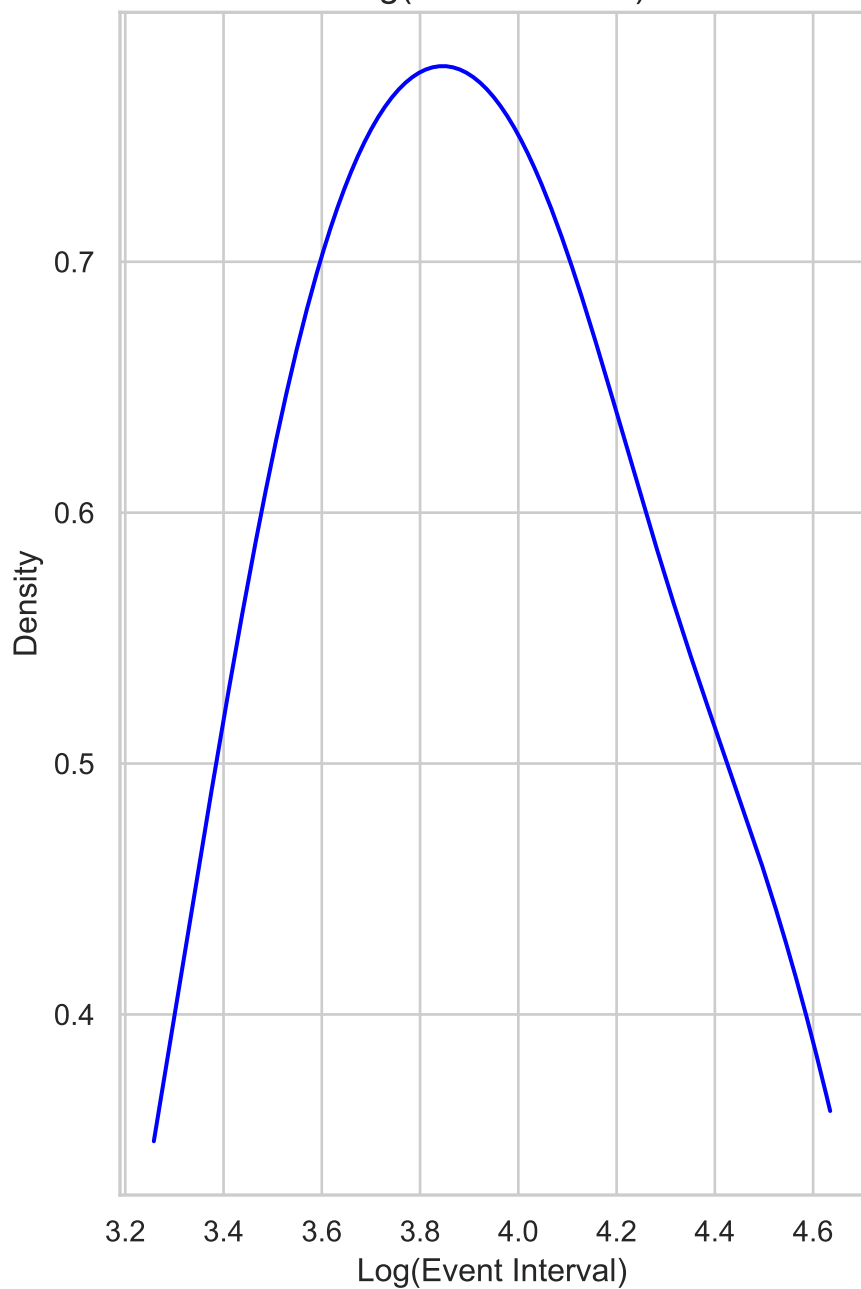
80% ECDF of Event Intervals



100% ECDF of Event Intervals

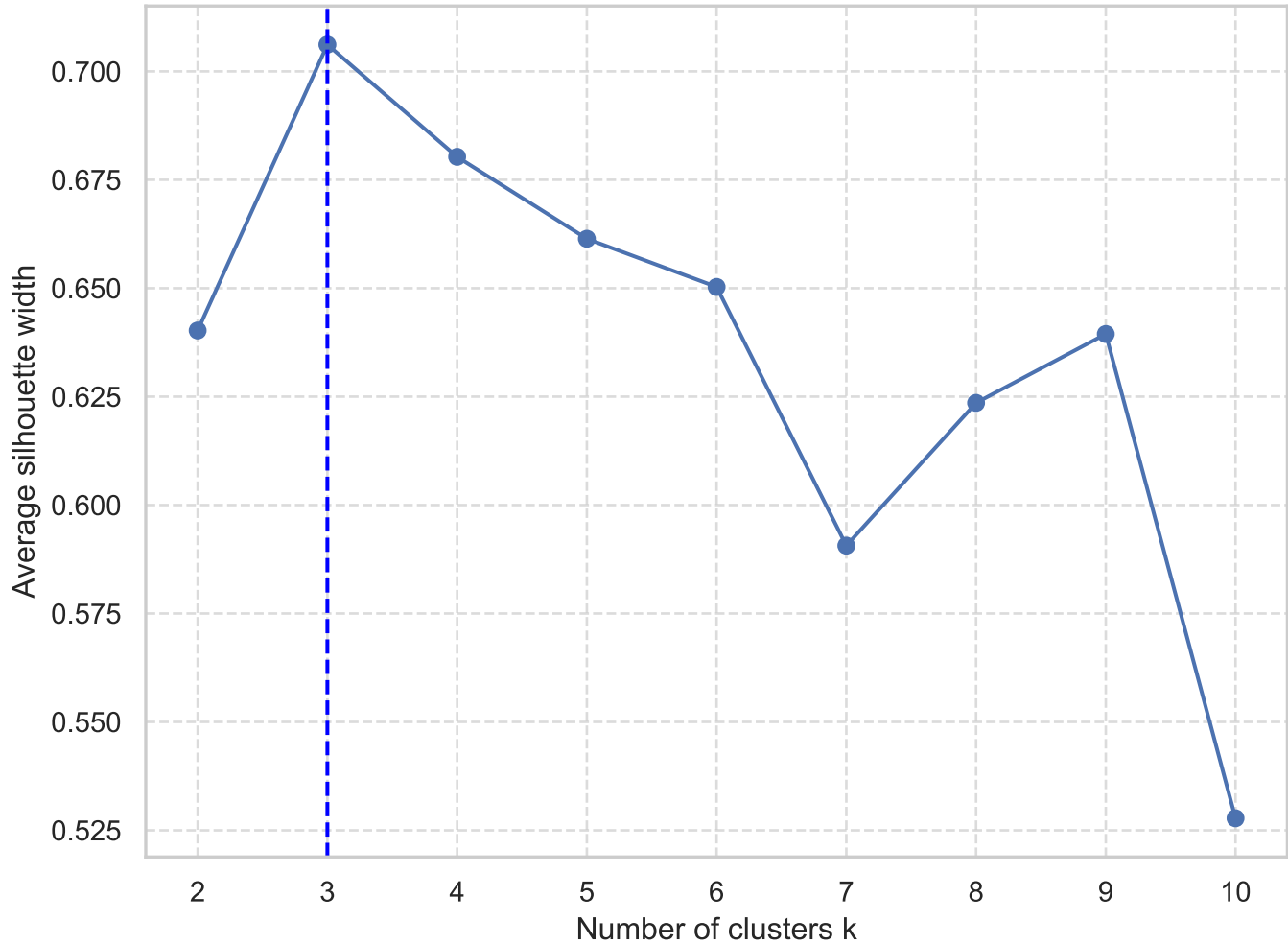


Log(event interval)



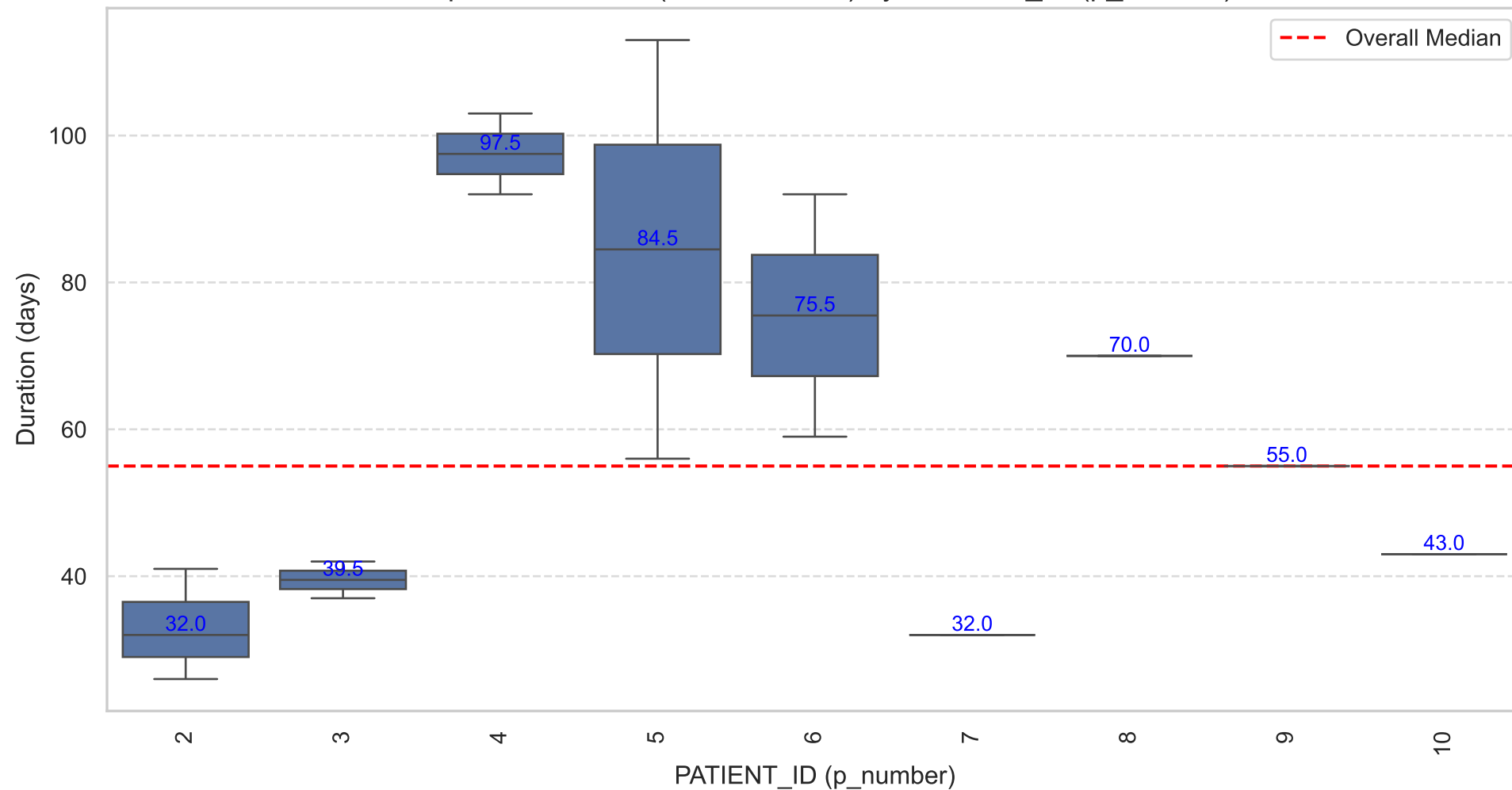
N = 15 Bandwidth = 0.2435

Optimal number of clusters  
Silhouette Analysis



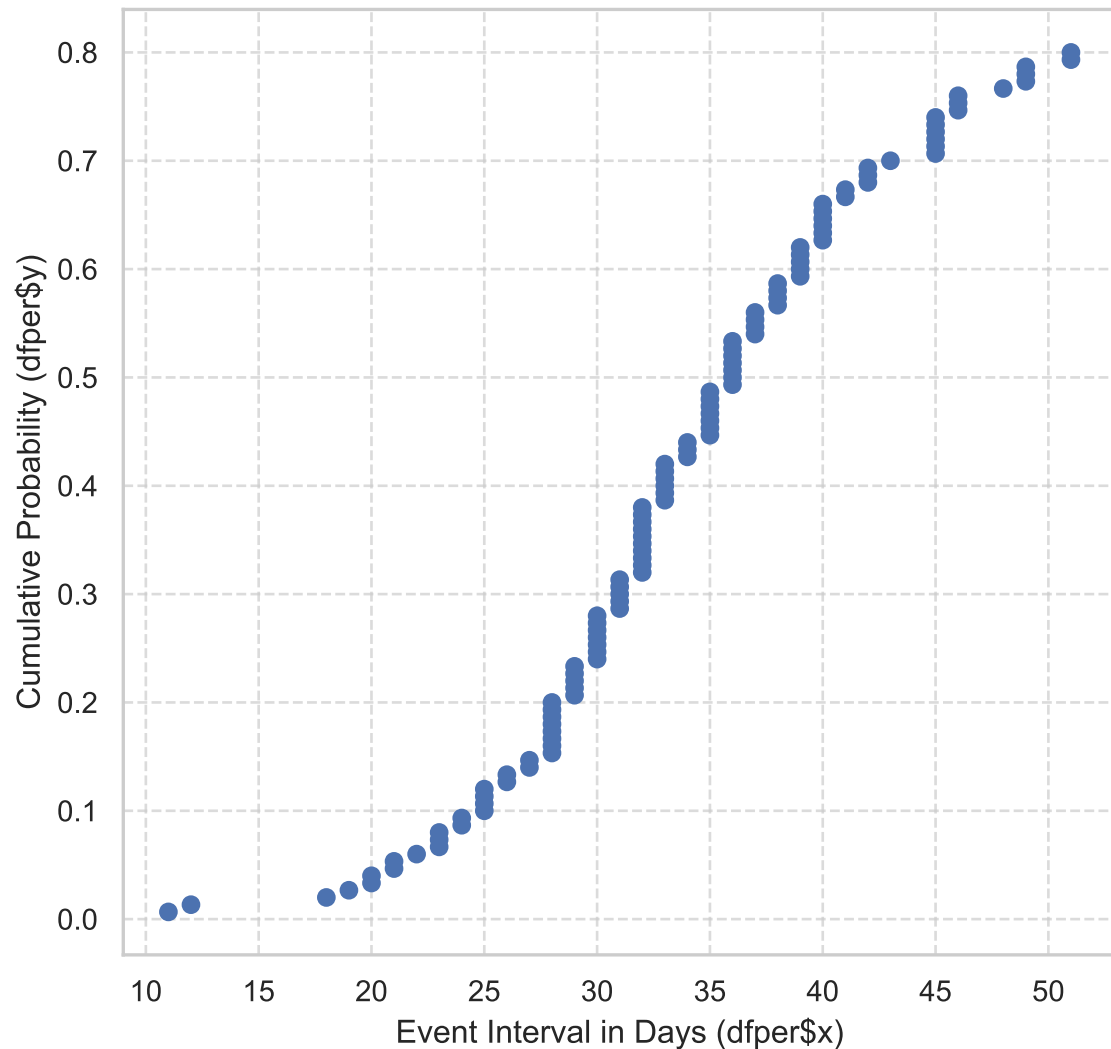


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

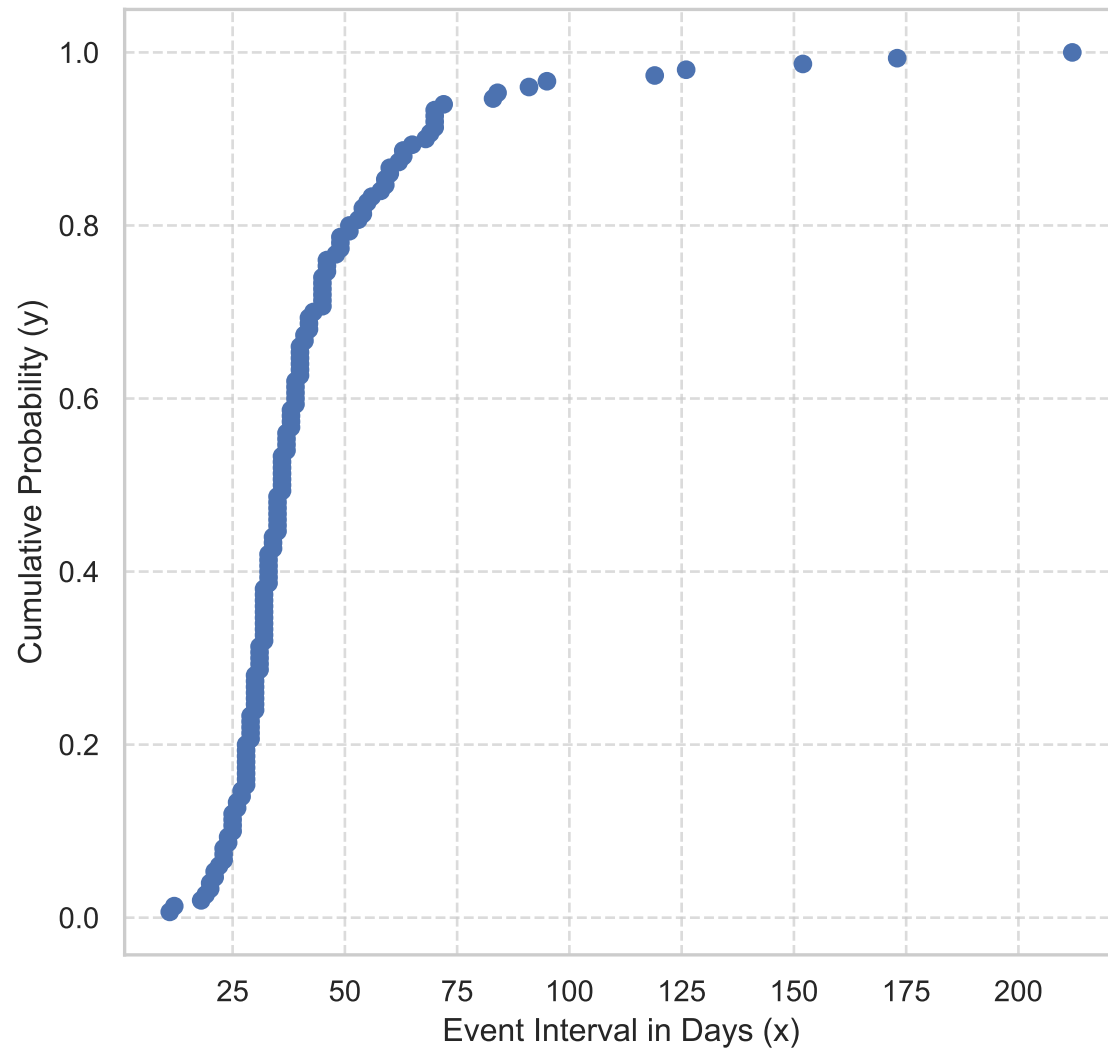


Category: A11HA03

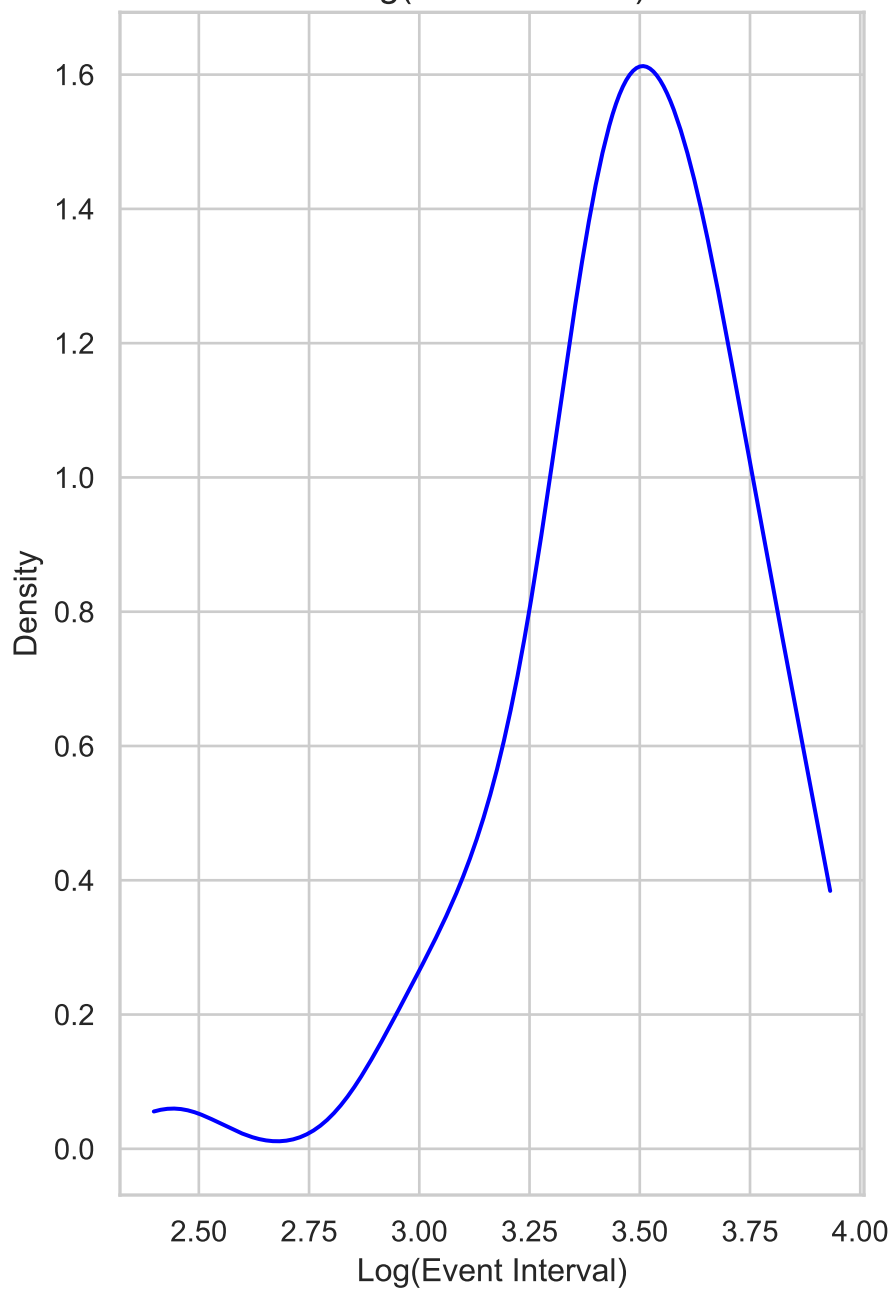
80% ECDF of Event Intervals



100% ECDF of Event Intervals

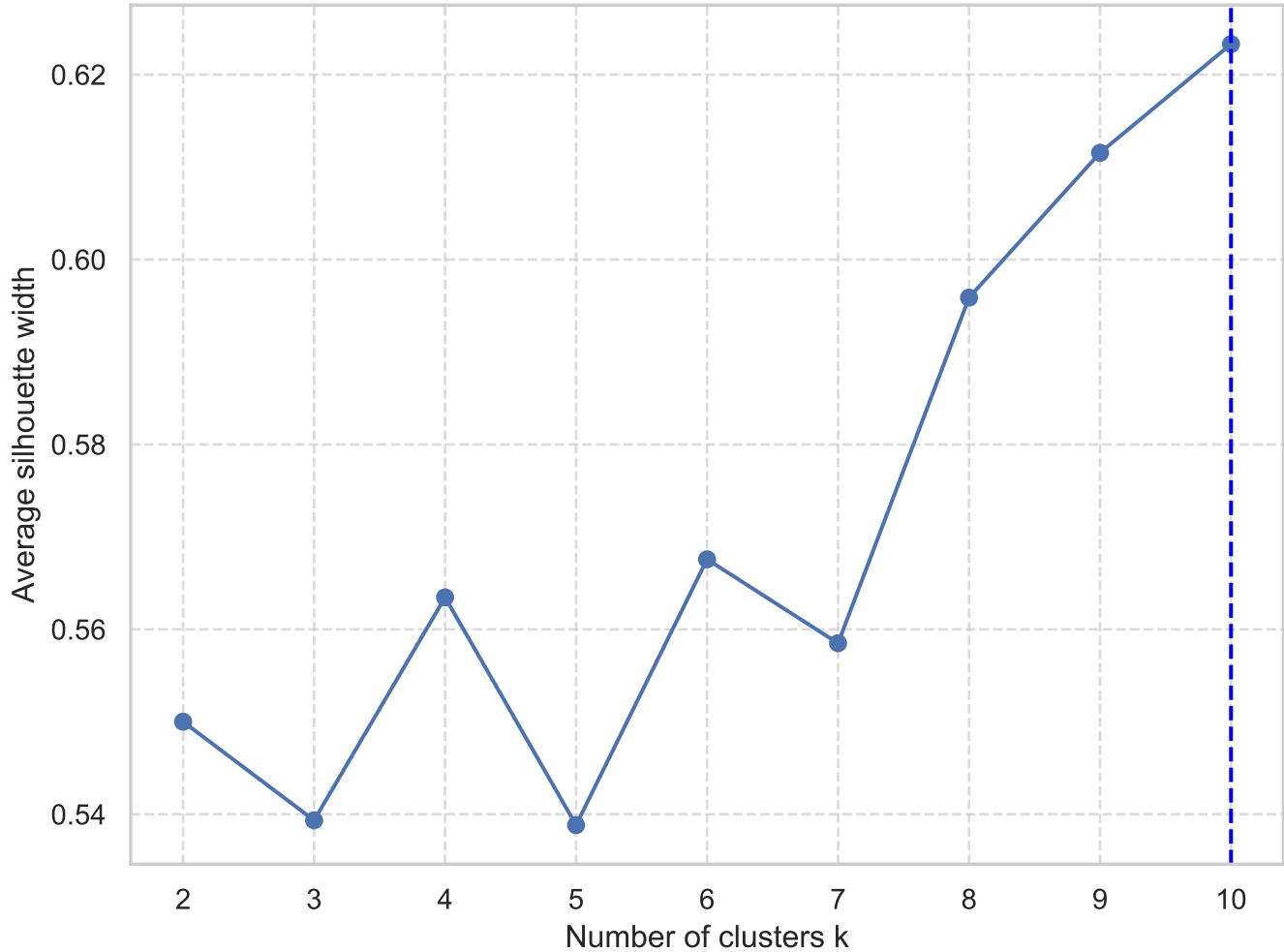


Log(event interval)

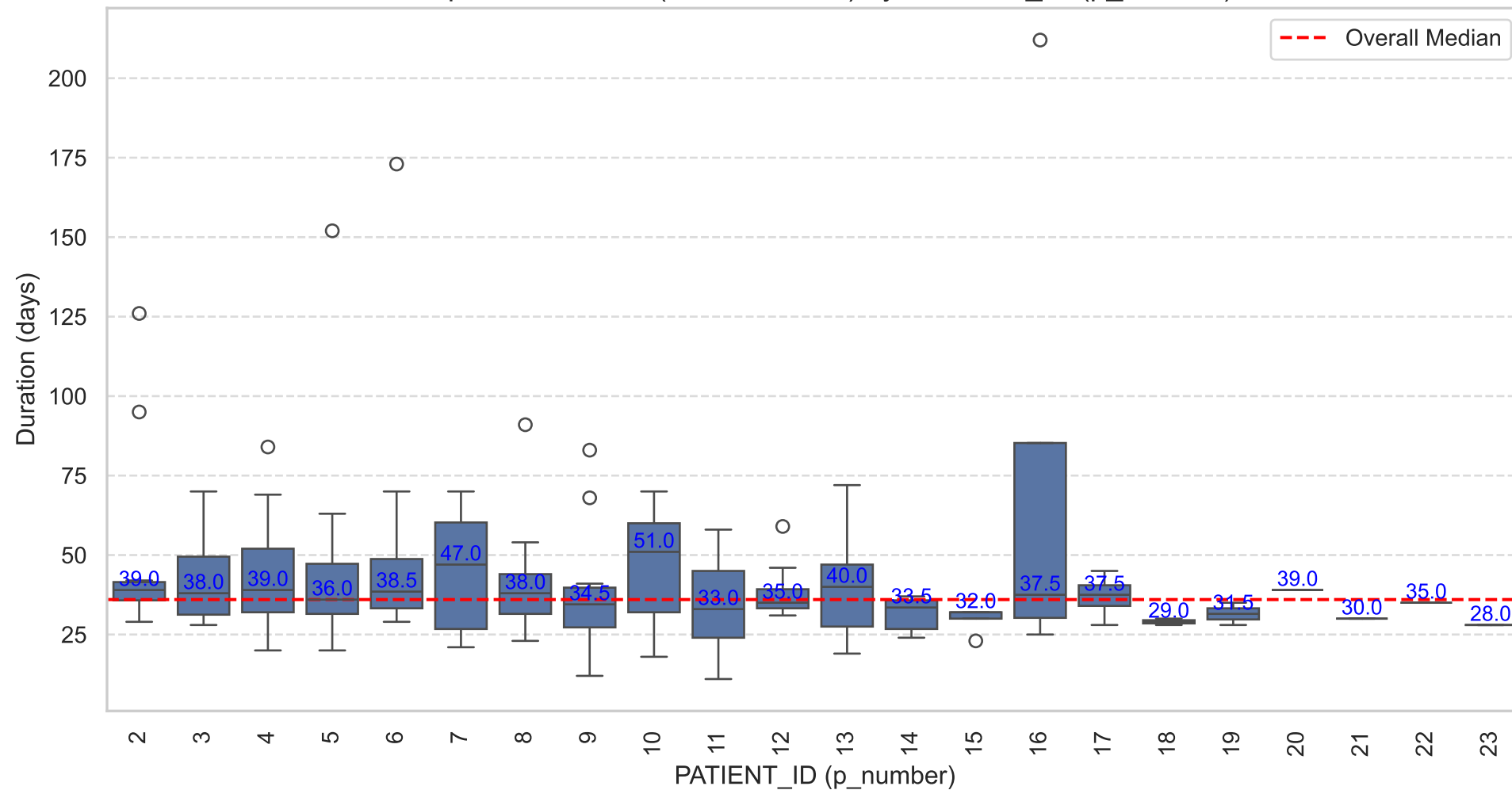


N = 120 Bandwidth = 0.1011

Optimal number of clusters  
Silhouette Analysis

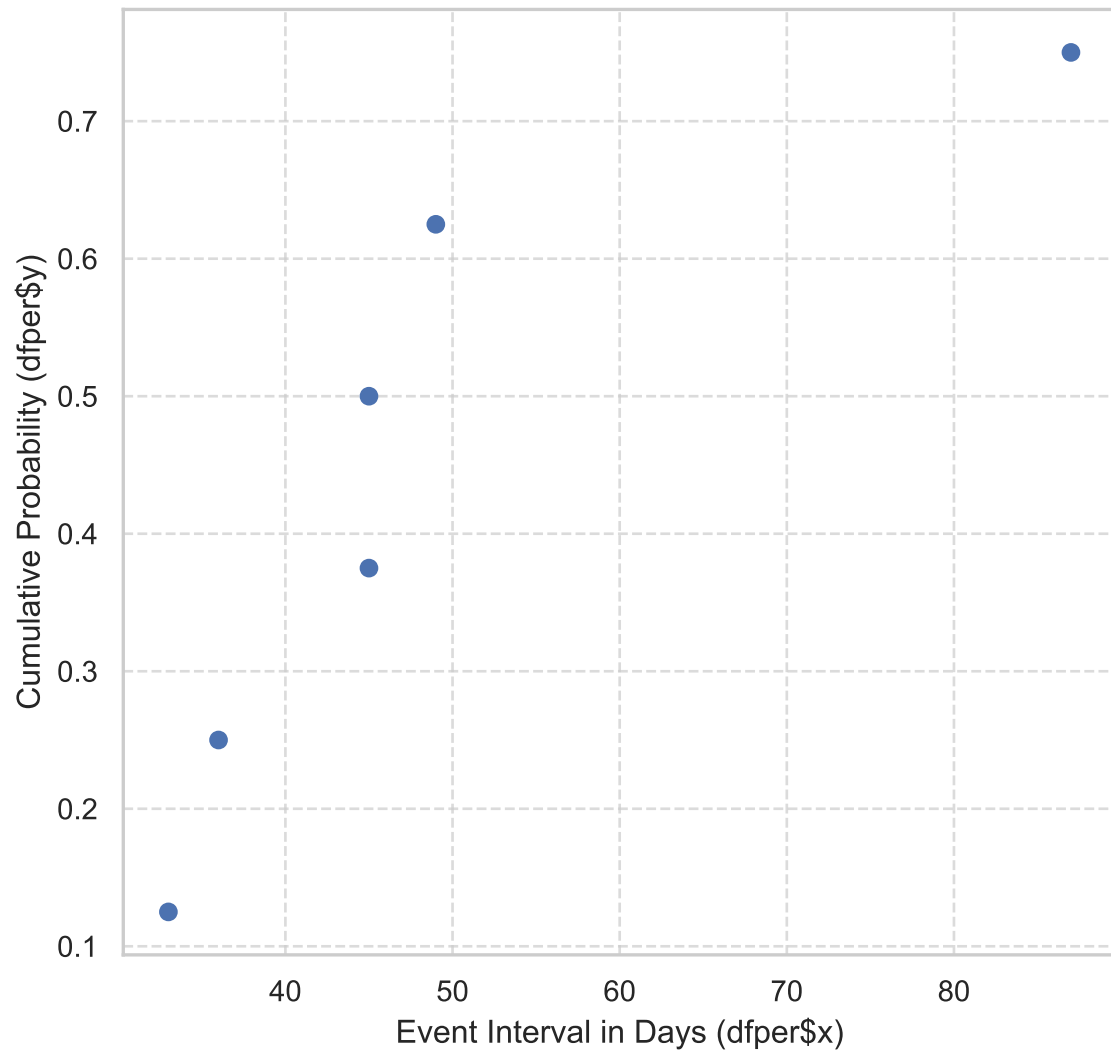


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

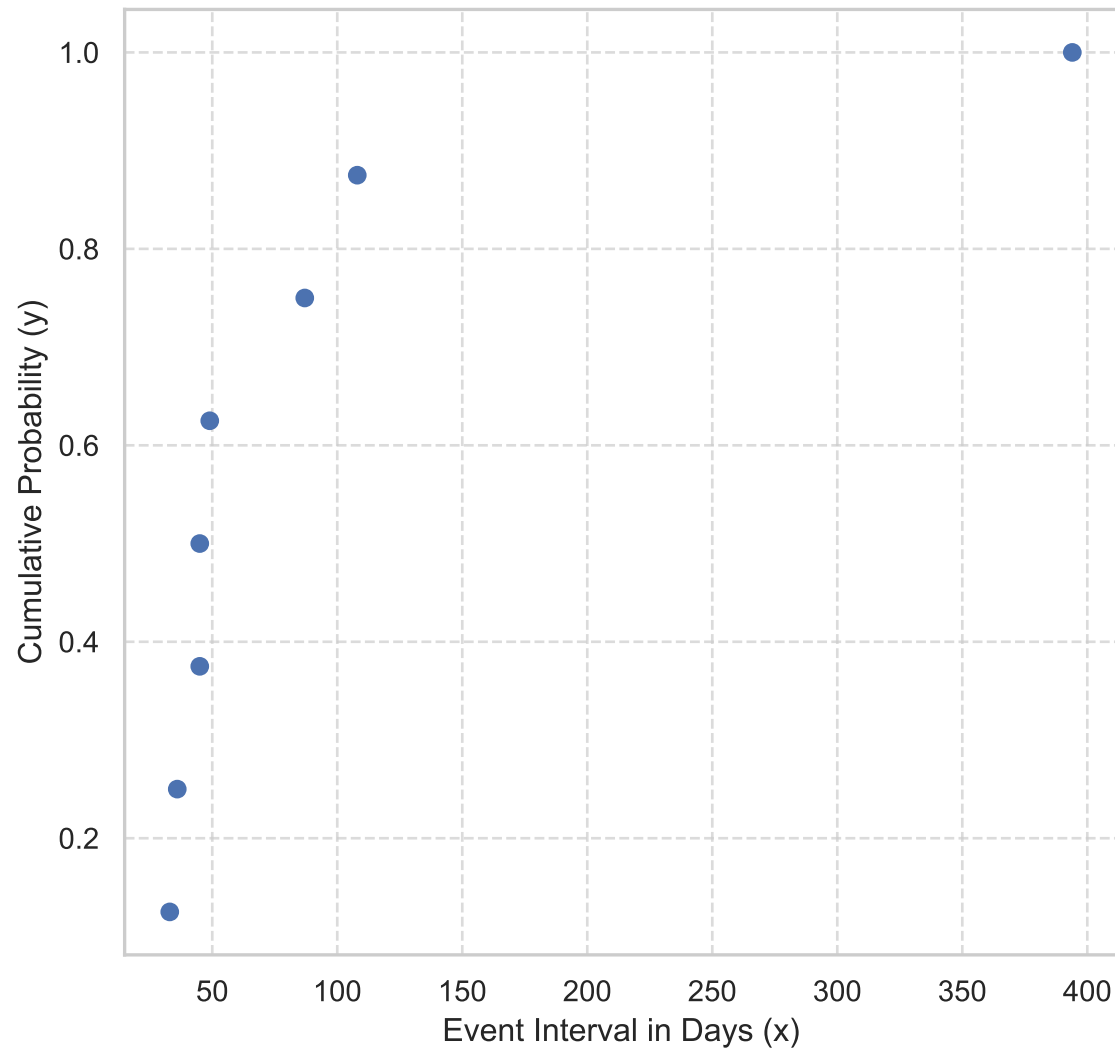


Category: A12AX

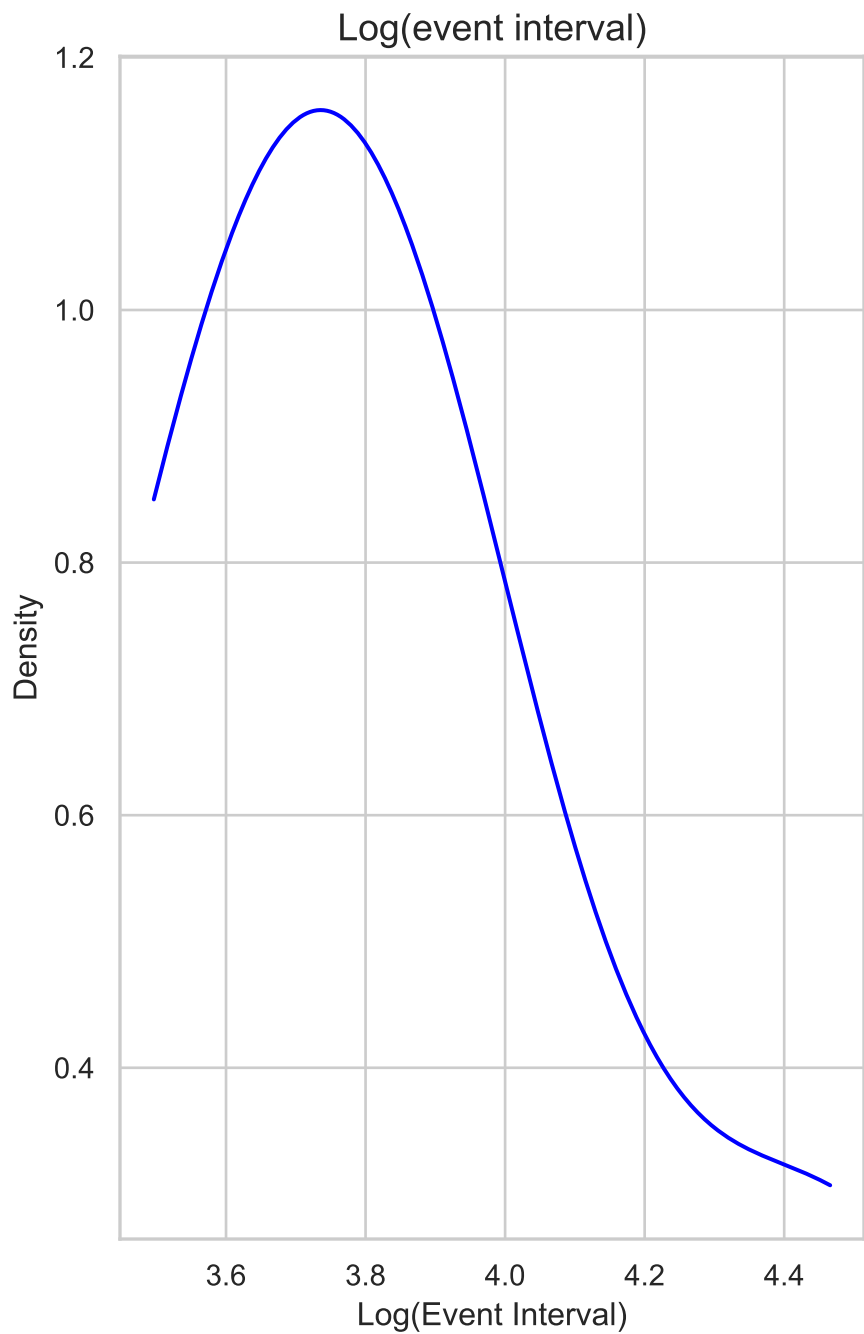
80% ECDF of Event Intervals



100% ECDF of Event Intervals

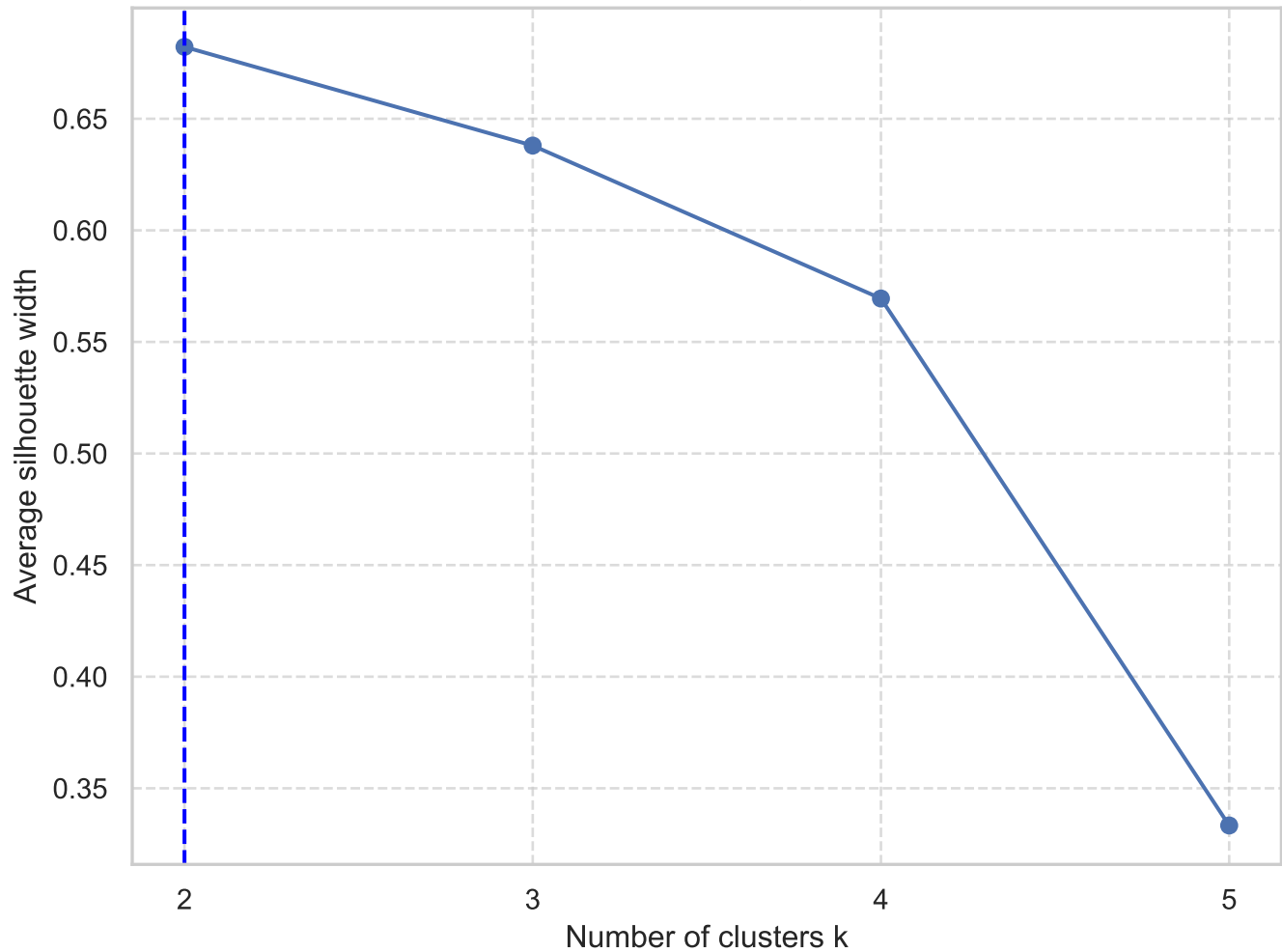




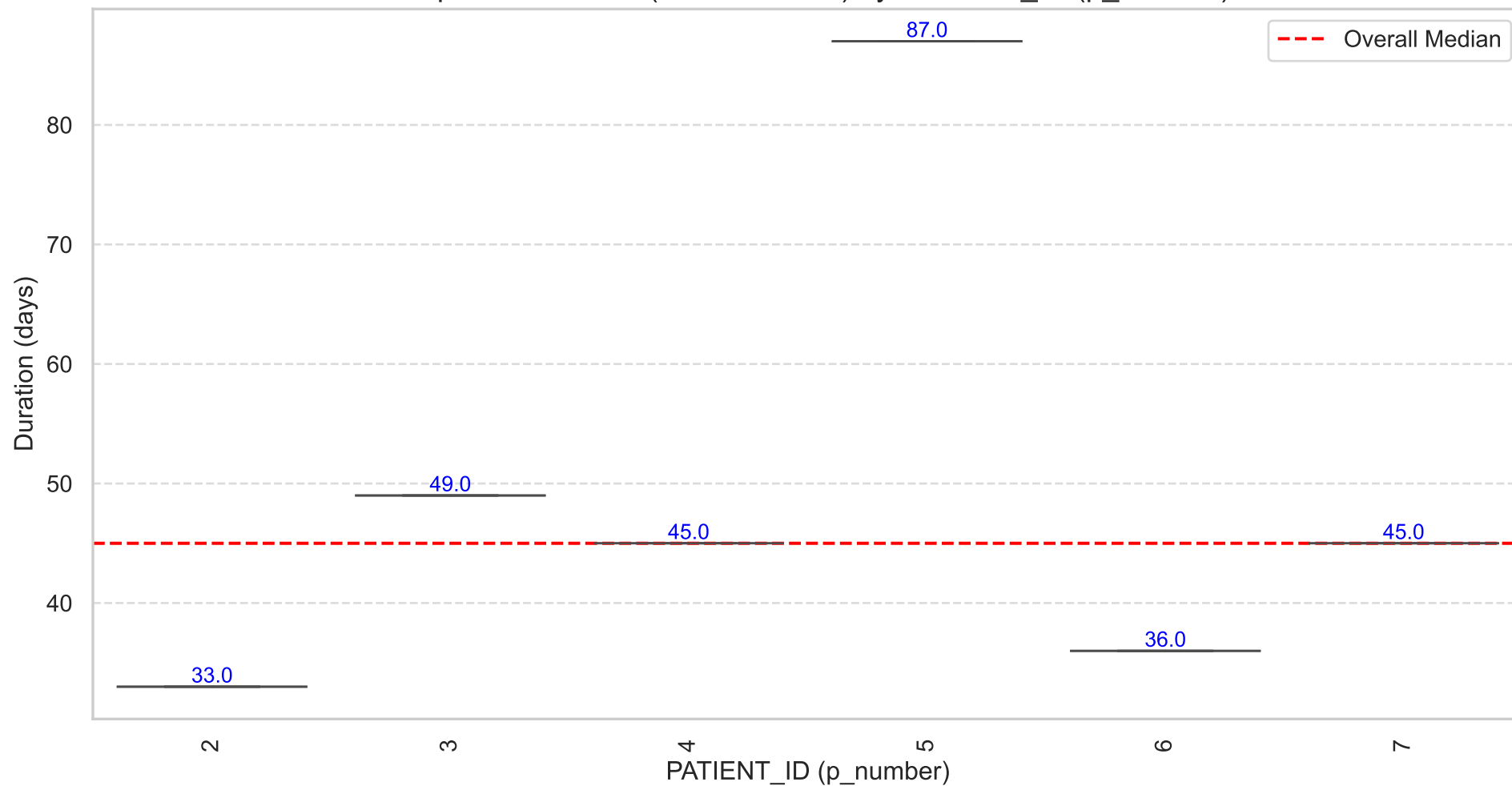


N = 6 Bandwidth = 0.2381

# Optimal number of clusters Silhouette Analysis

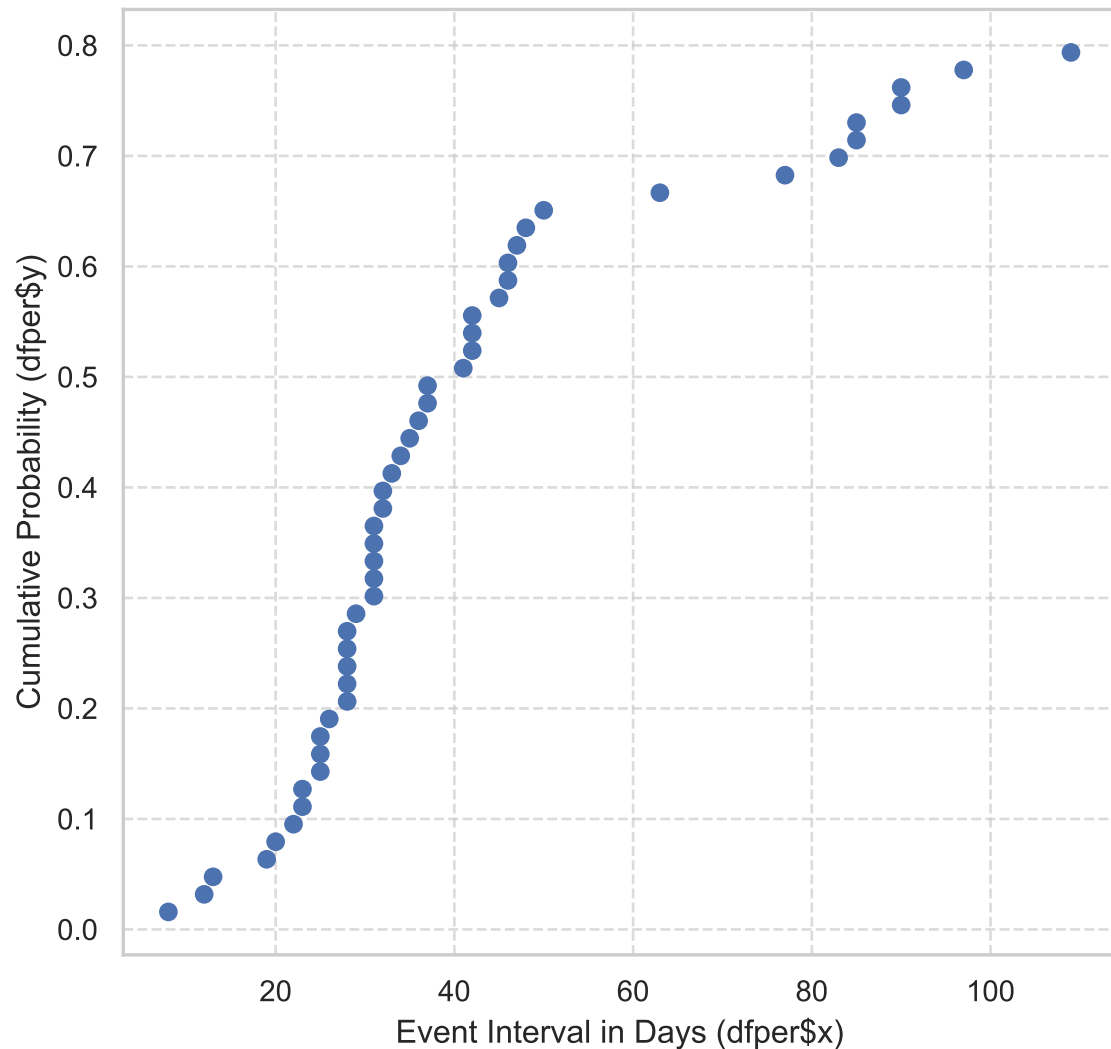


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

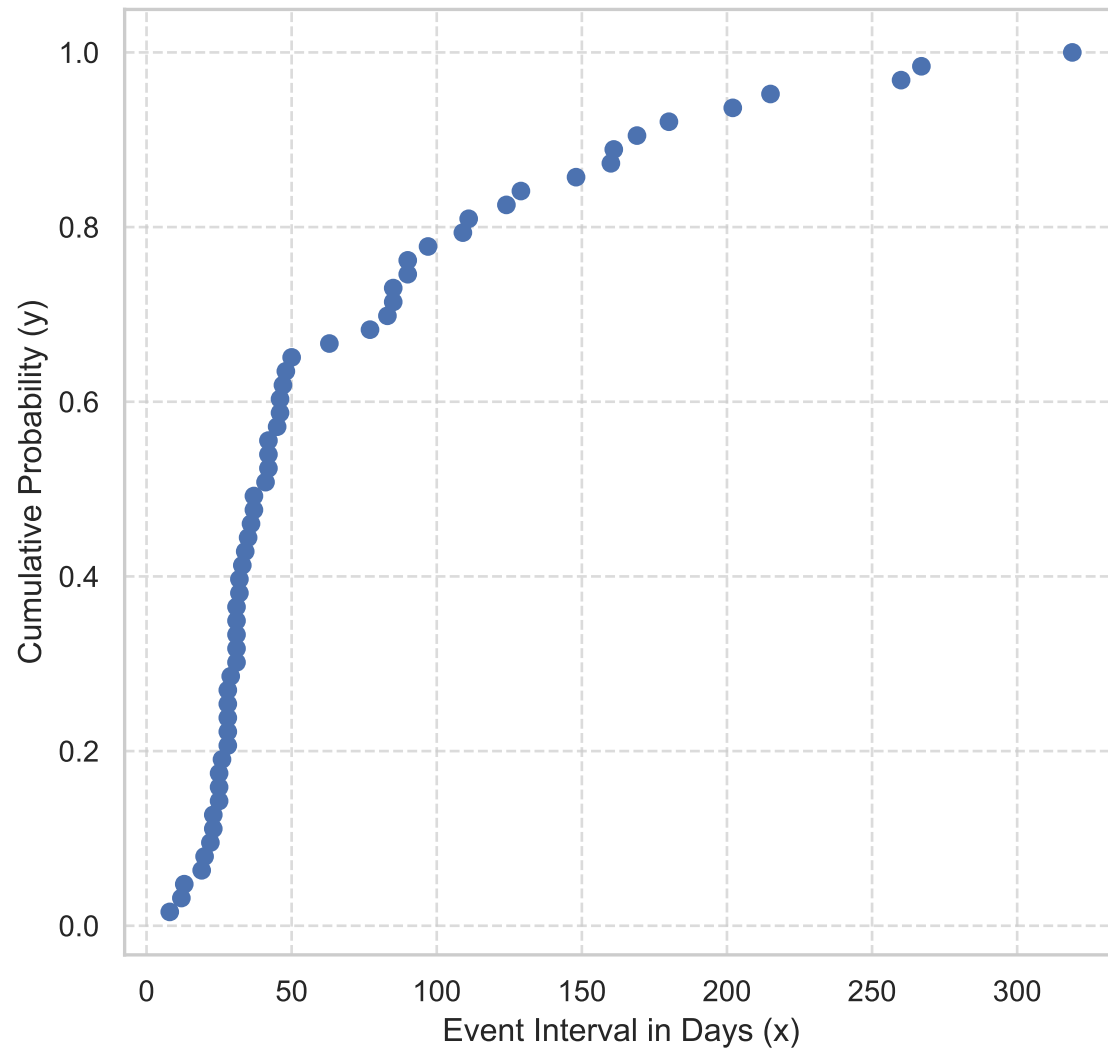


Category: B02BA01

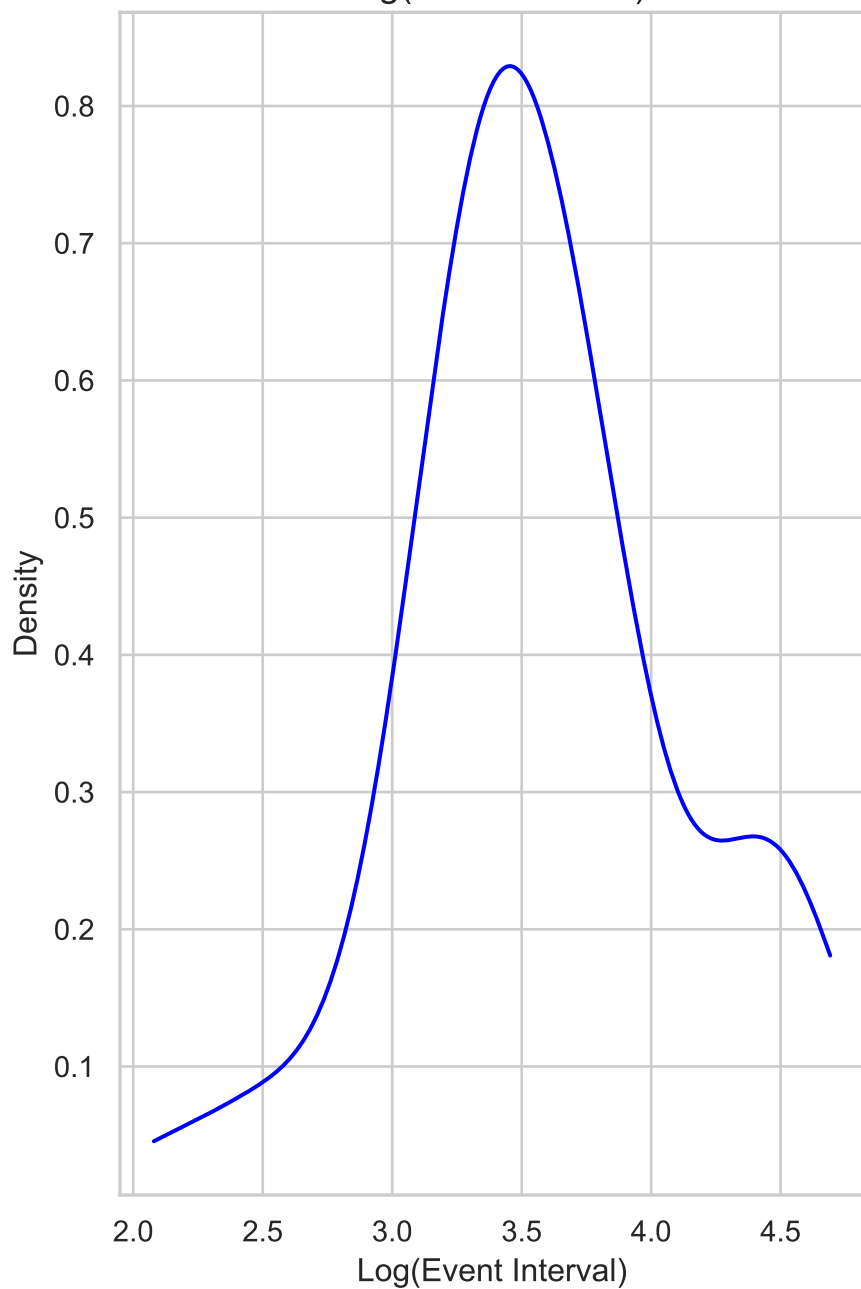
80% ECDF of Event Intervals



100% ECDF of Event Intervals

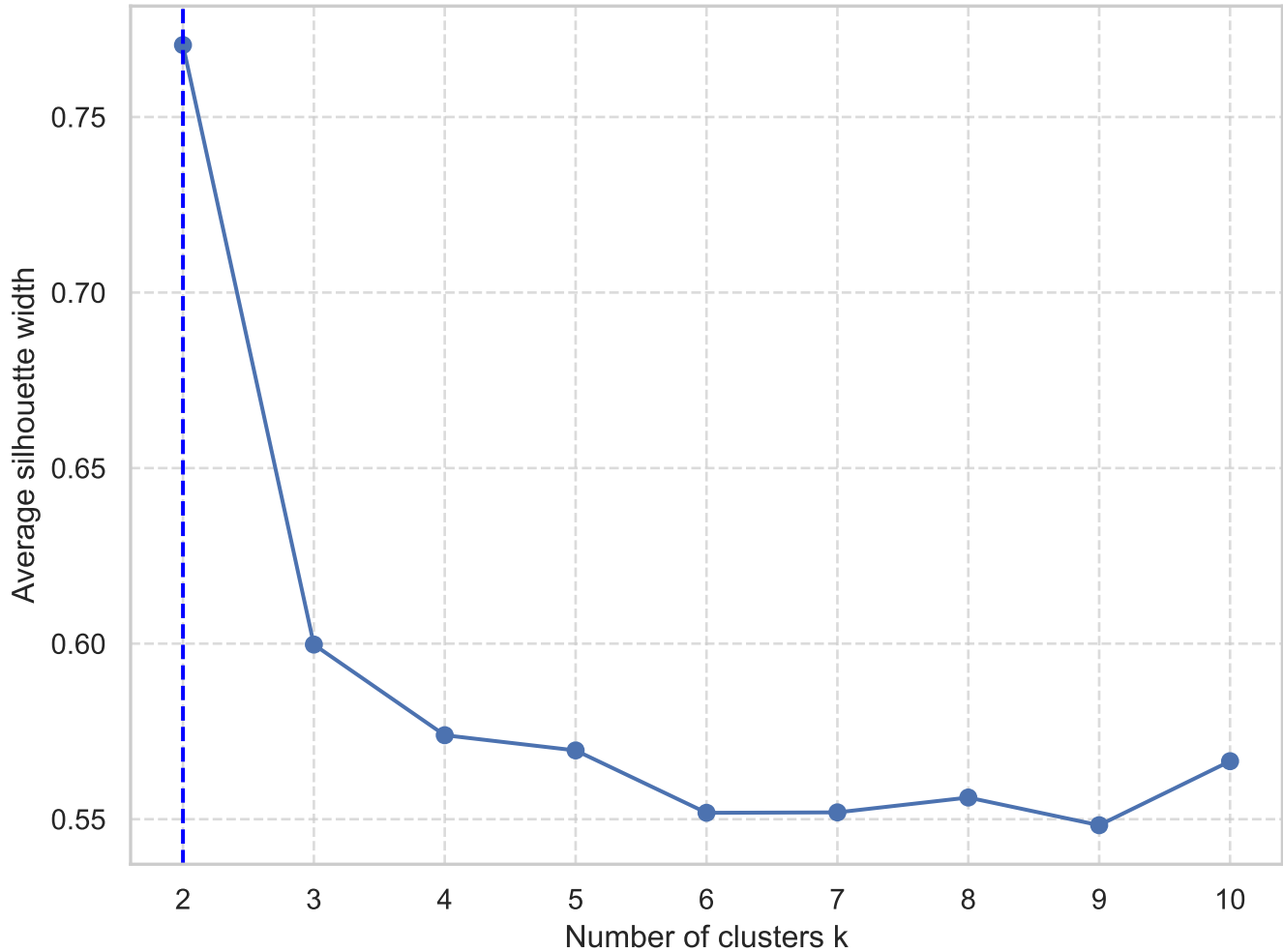


Log(event interval)

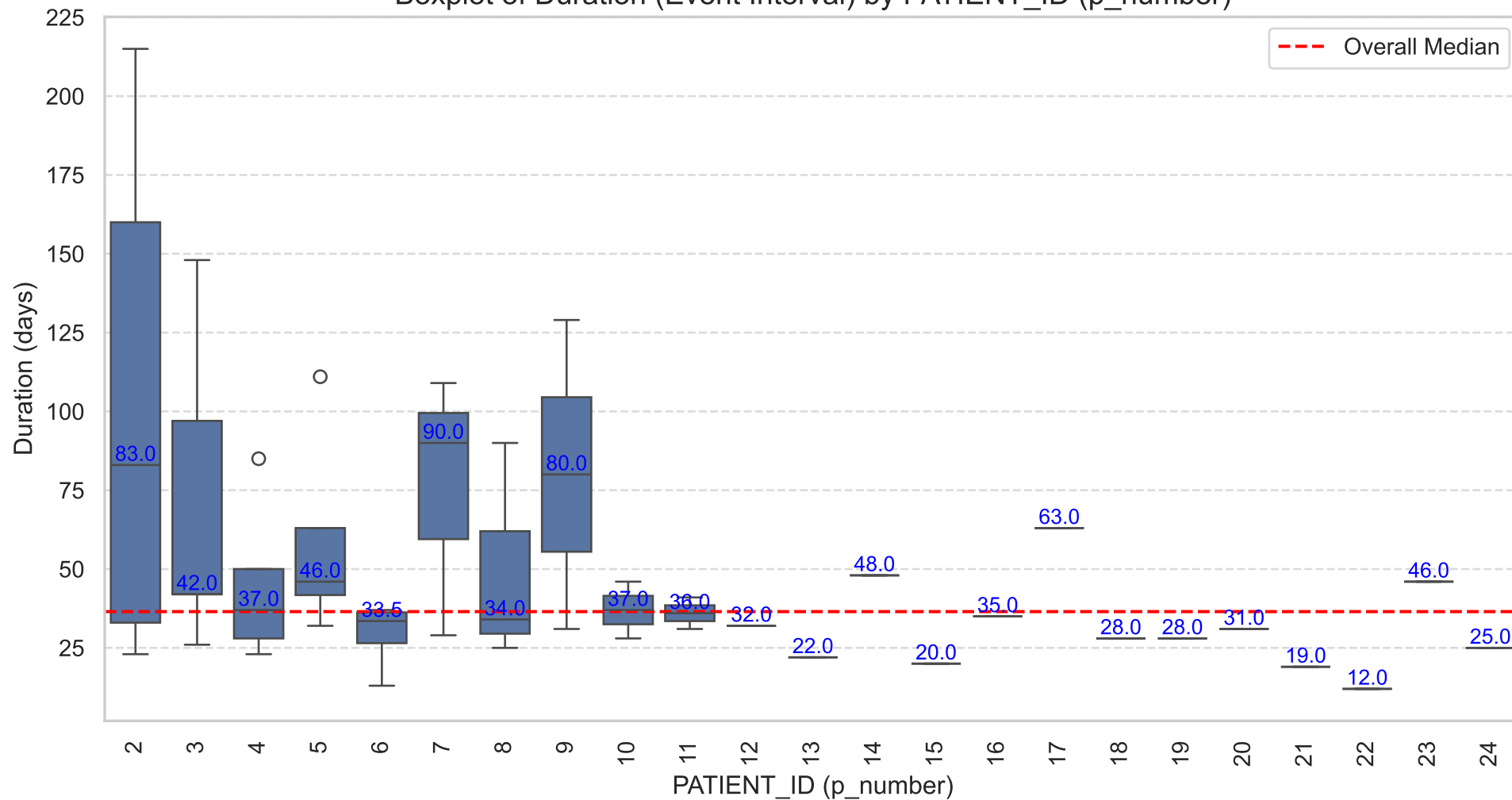


N = 50 Bandwidth = 0.2479

# Optimal number of clusters Silhouette Analysis



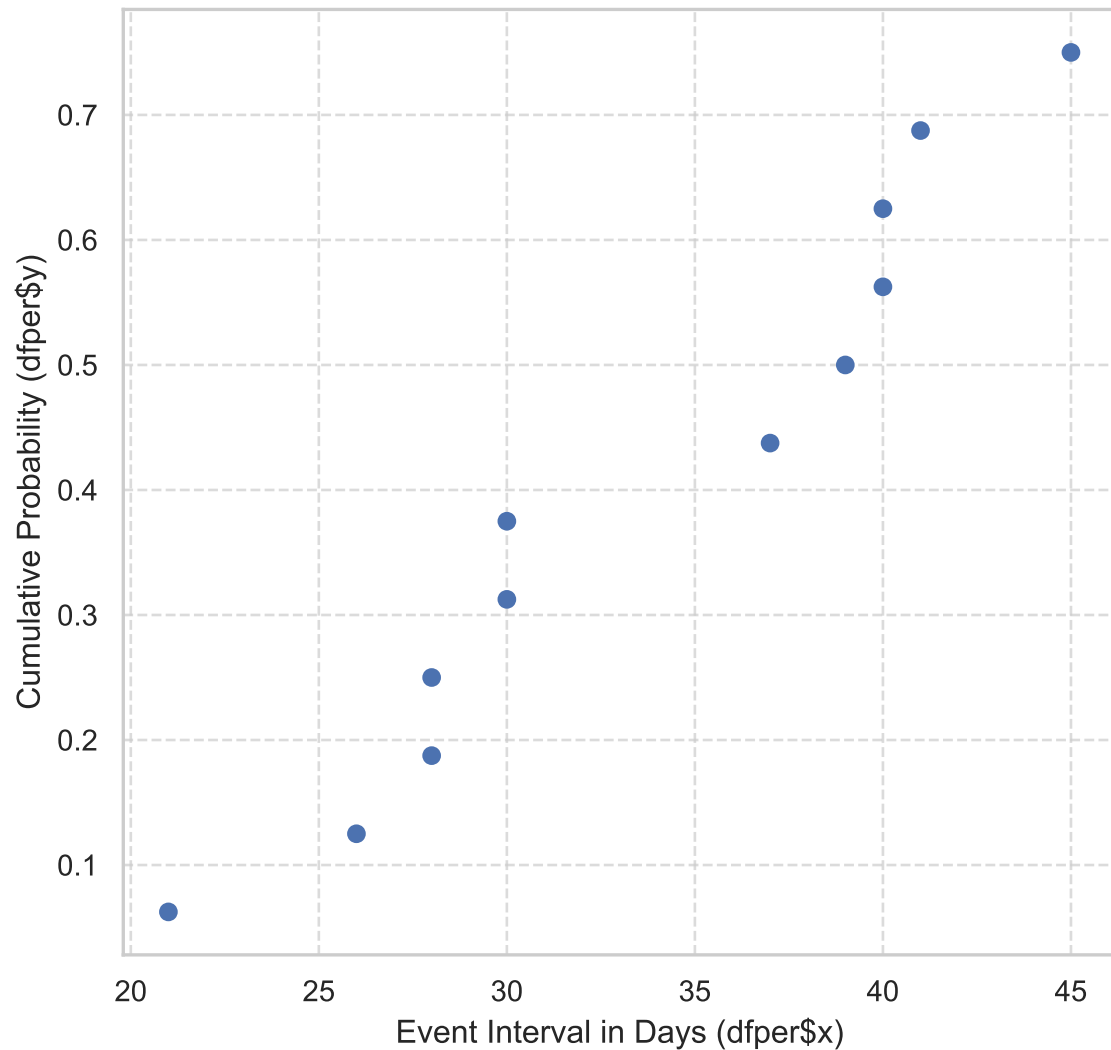
Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)



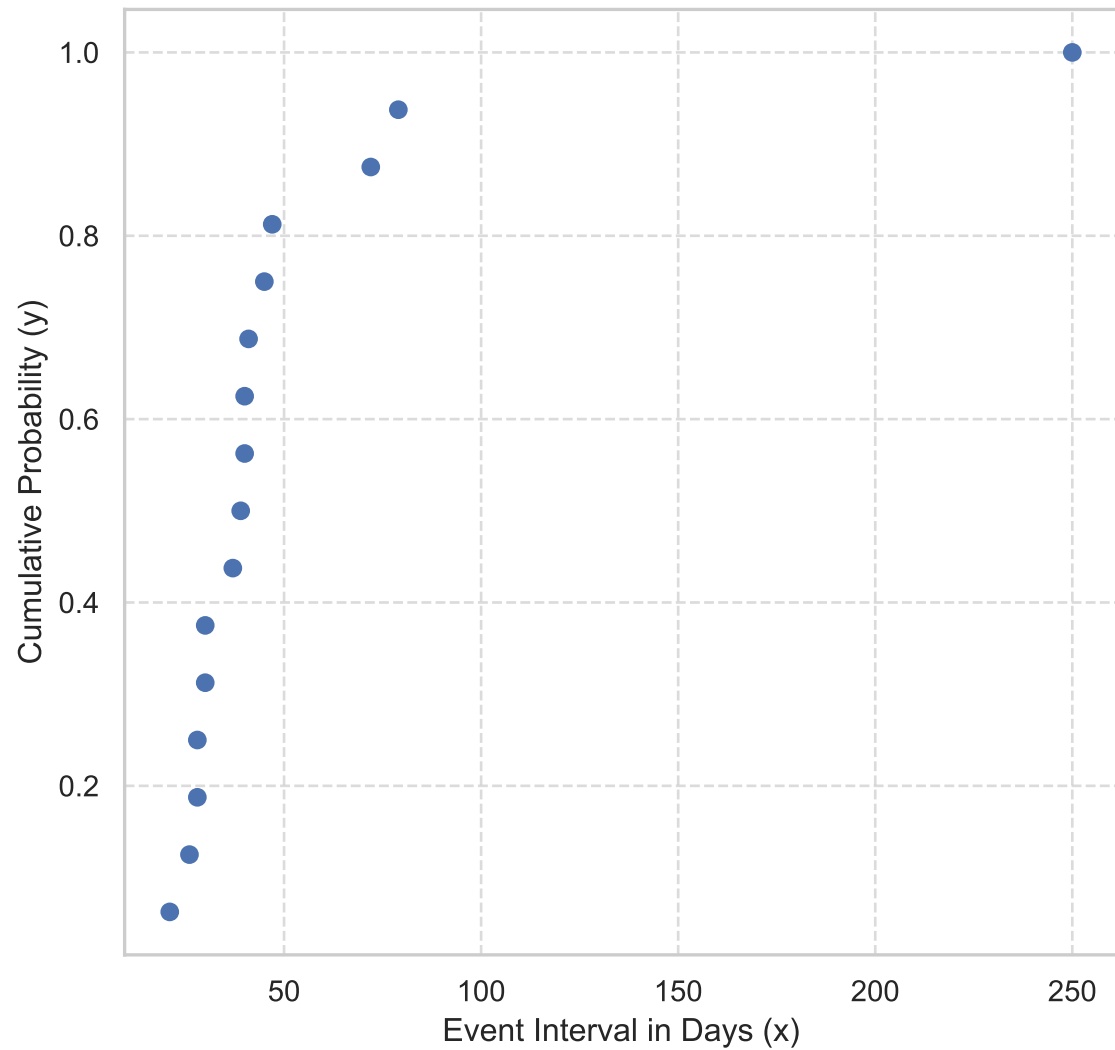


Category: J01AA08

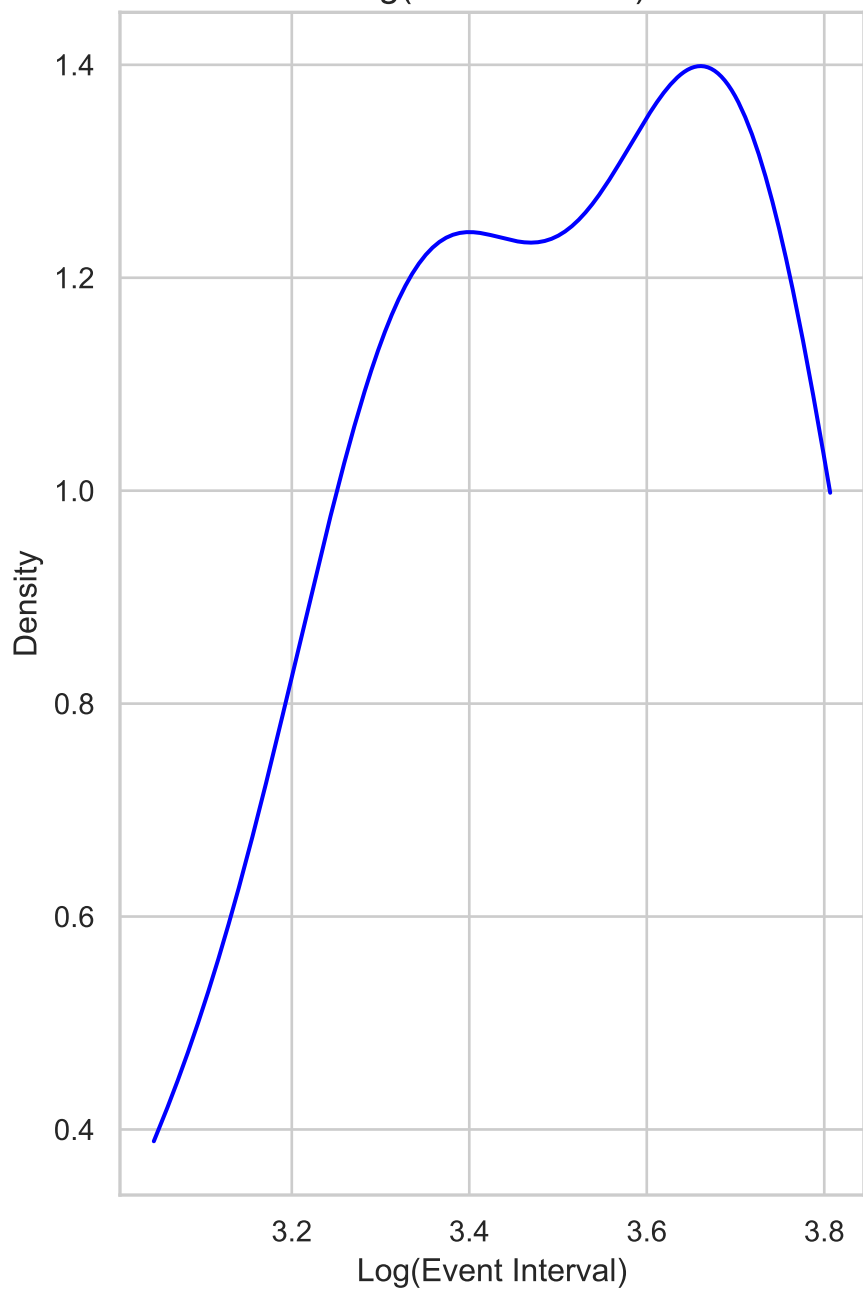
80% ECDF of Event Intervals



100% ECDF of Event Intervals



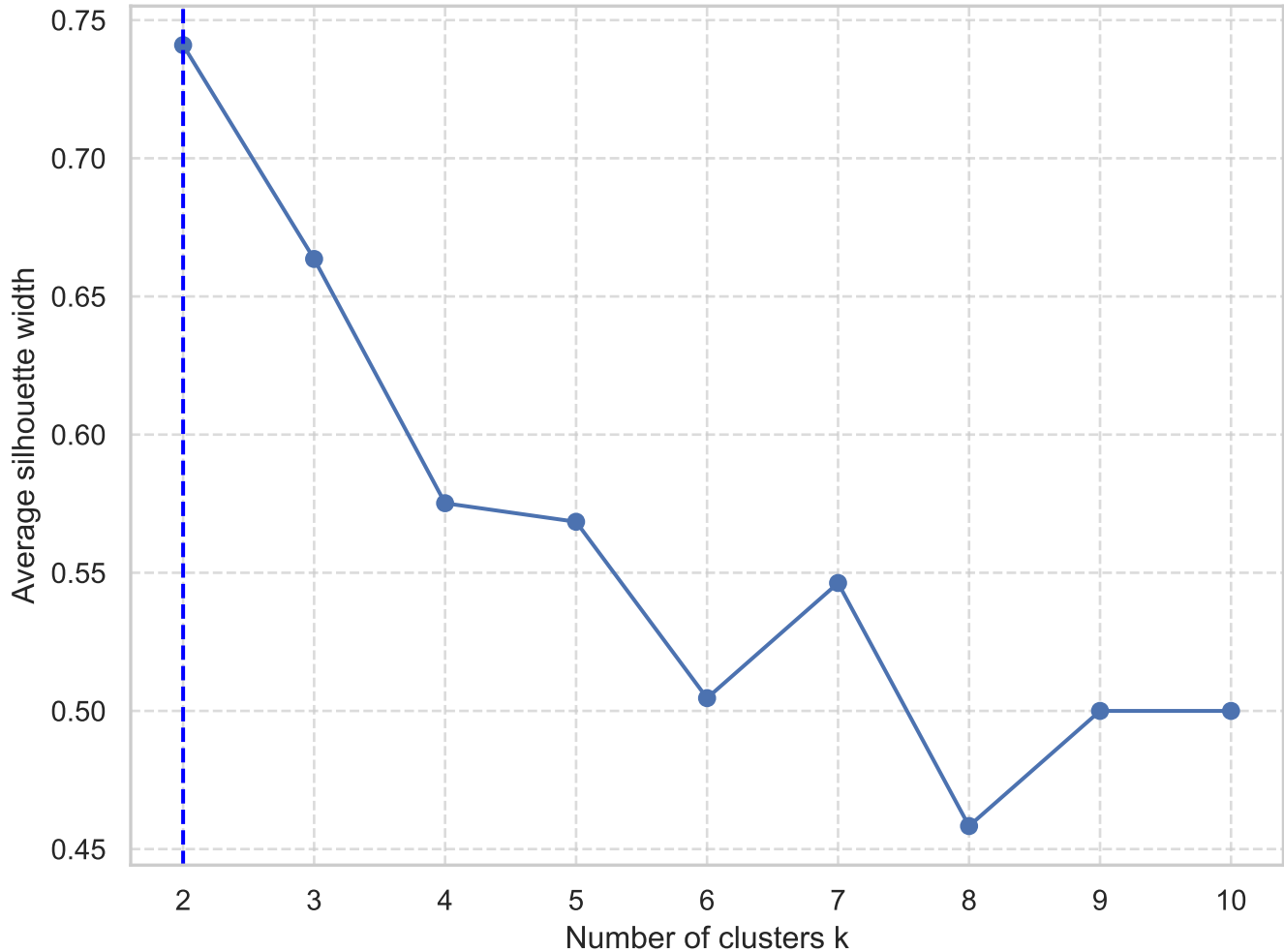
Log(event interval)



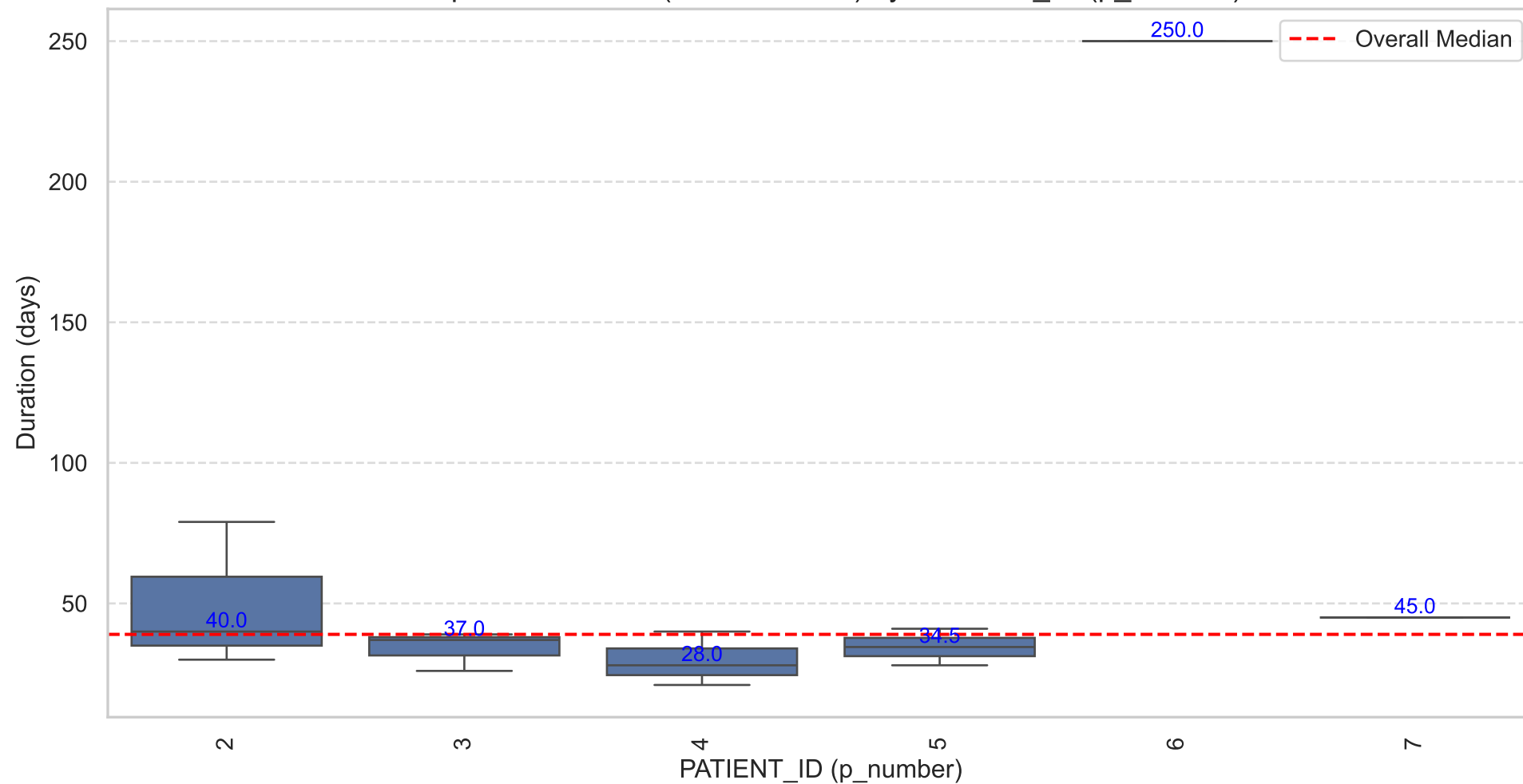
N = 12 Bandwidth = 0.1411

# Optimal number of clusters

## Silhouette Analysis

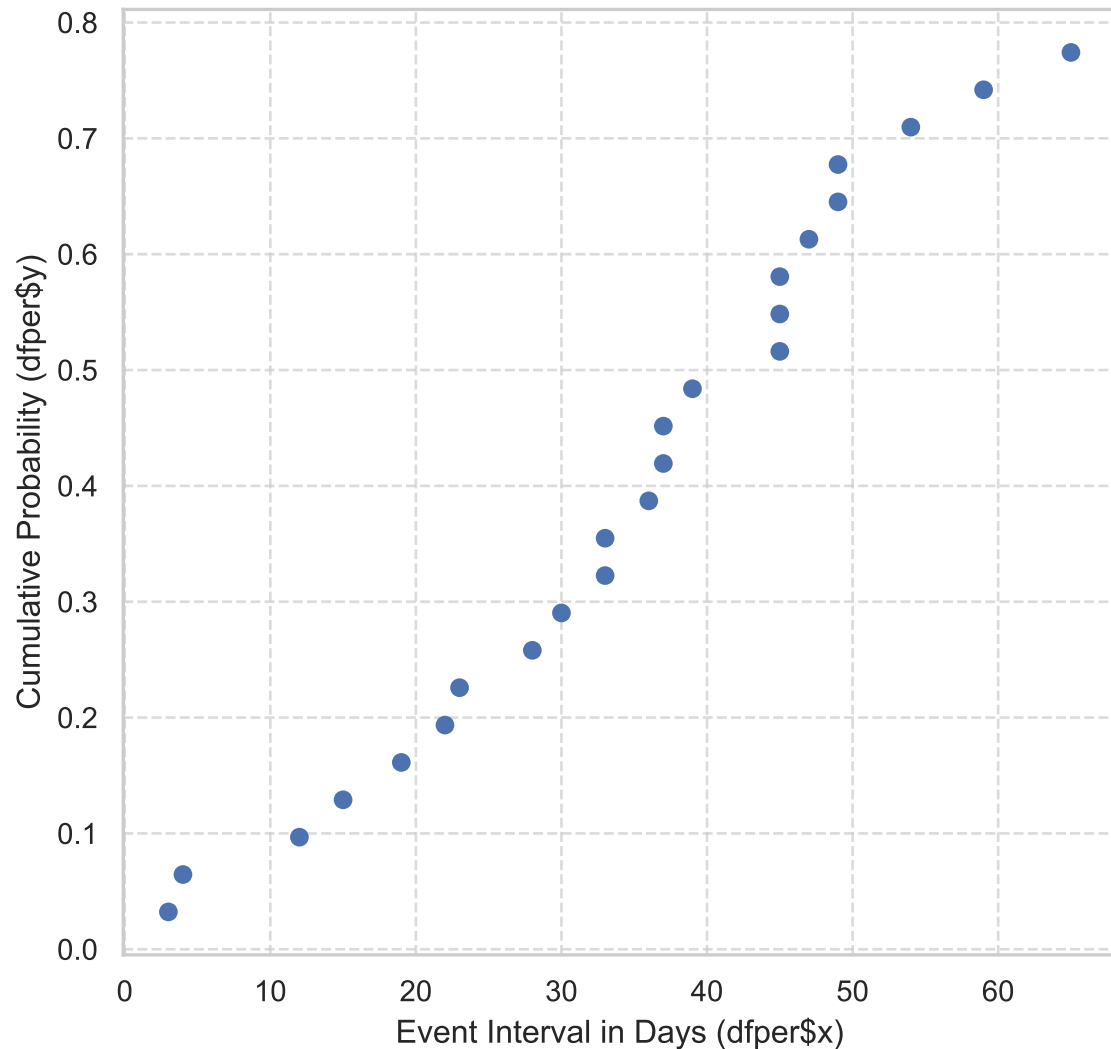


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

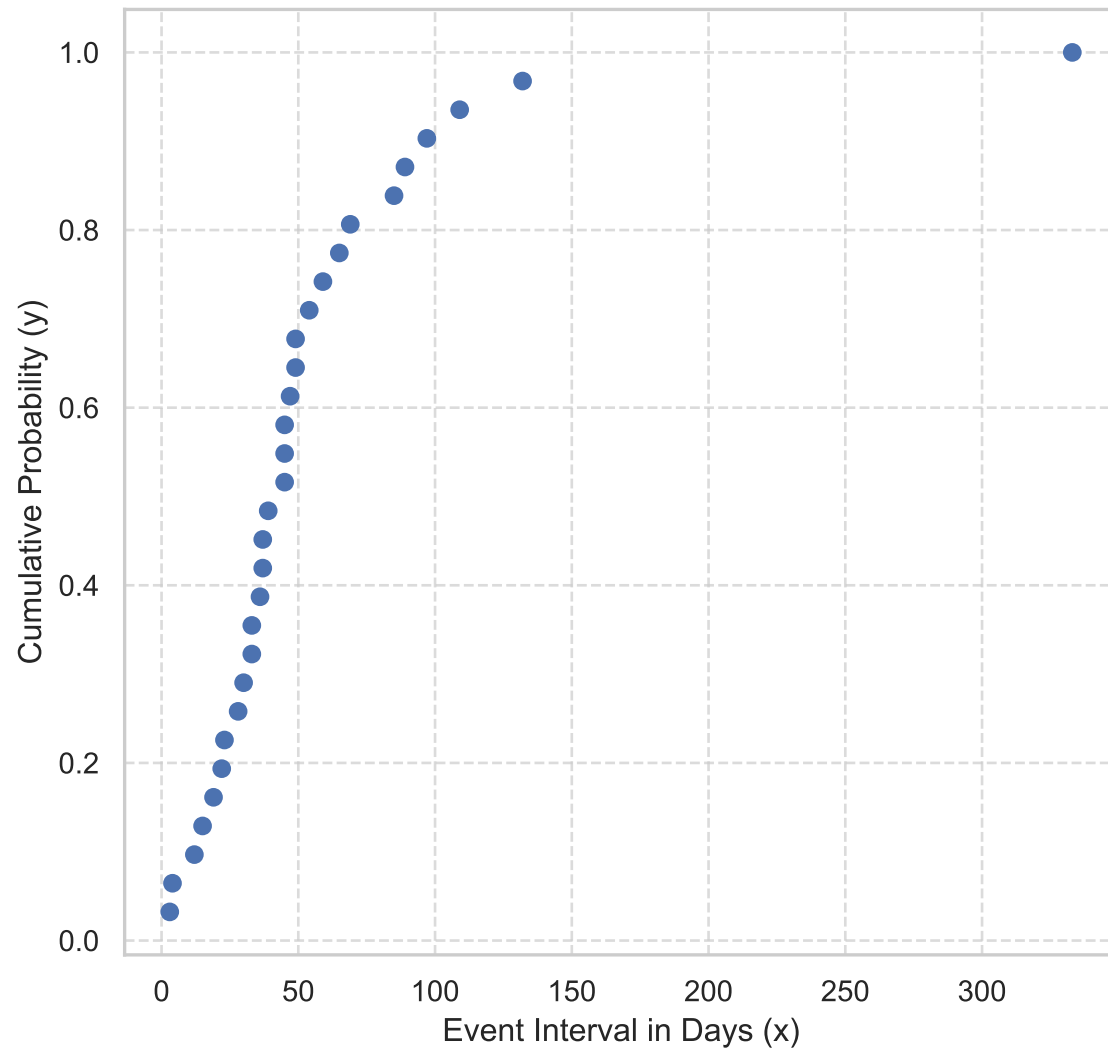


Category: J01EE01

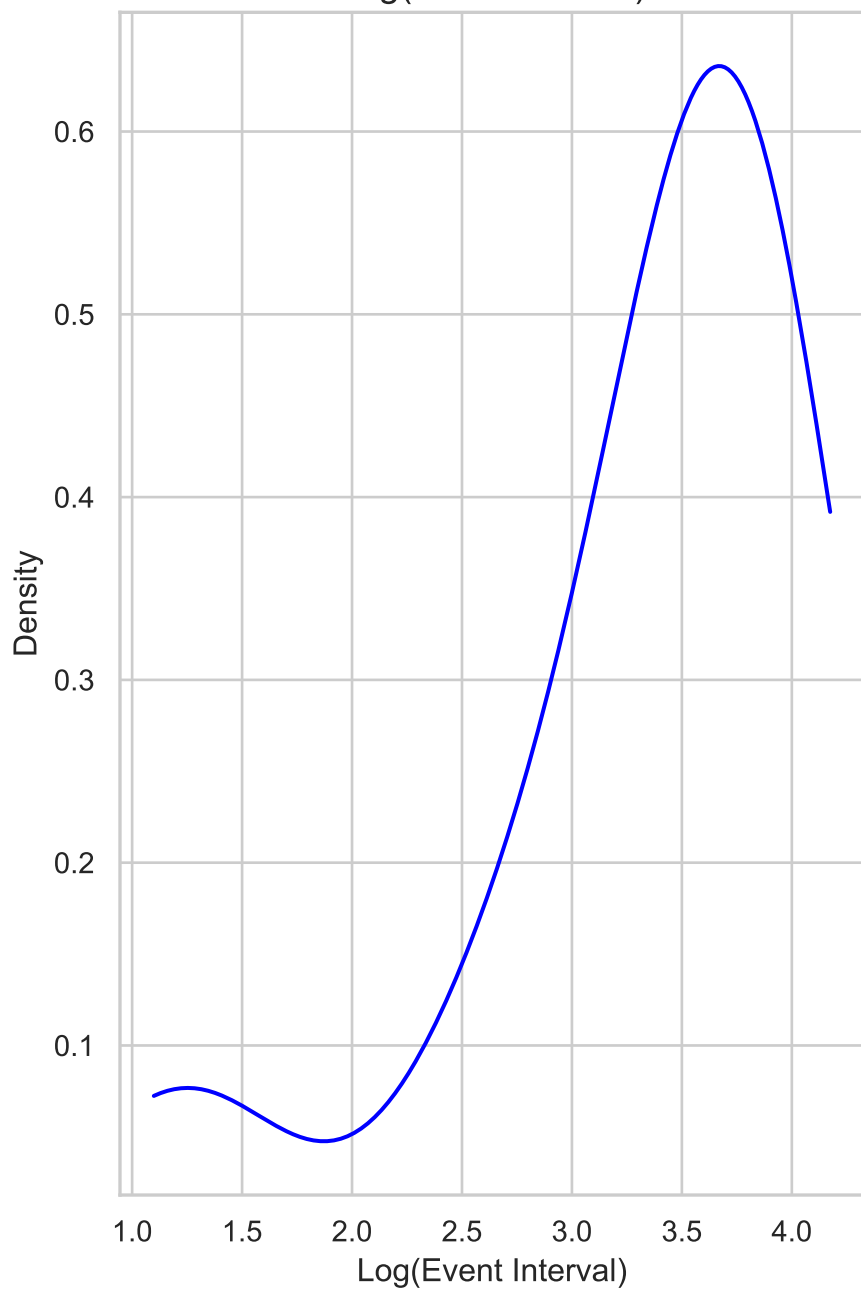
80% ECDF of Event Intervals



100% ECDF of Event Intervals



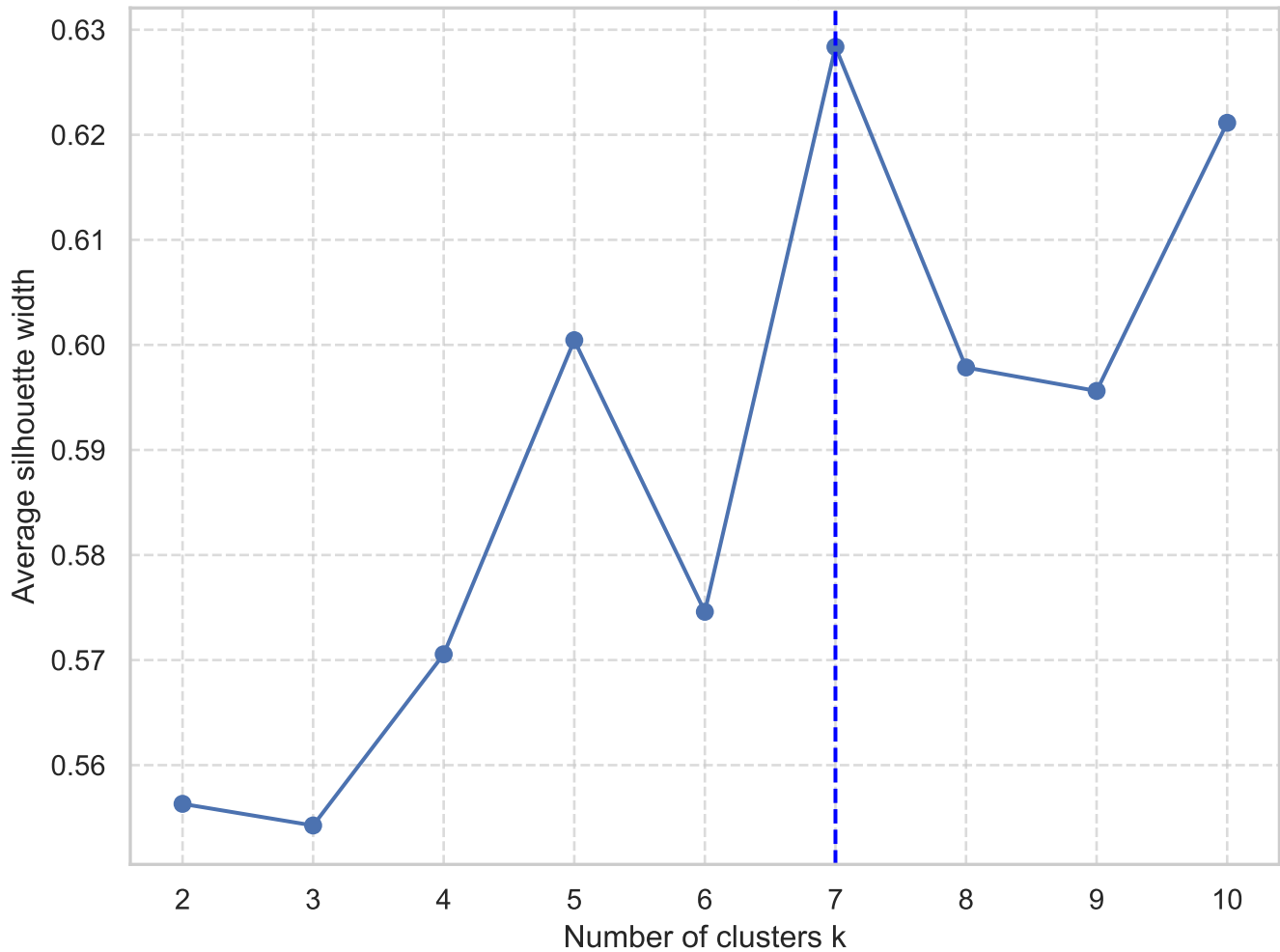
Log(event interval)



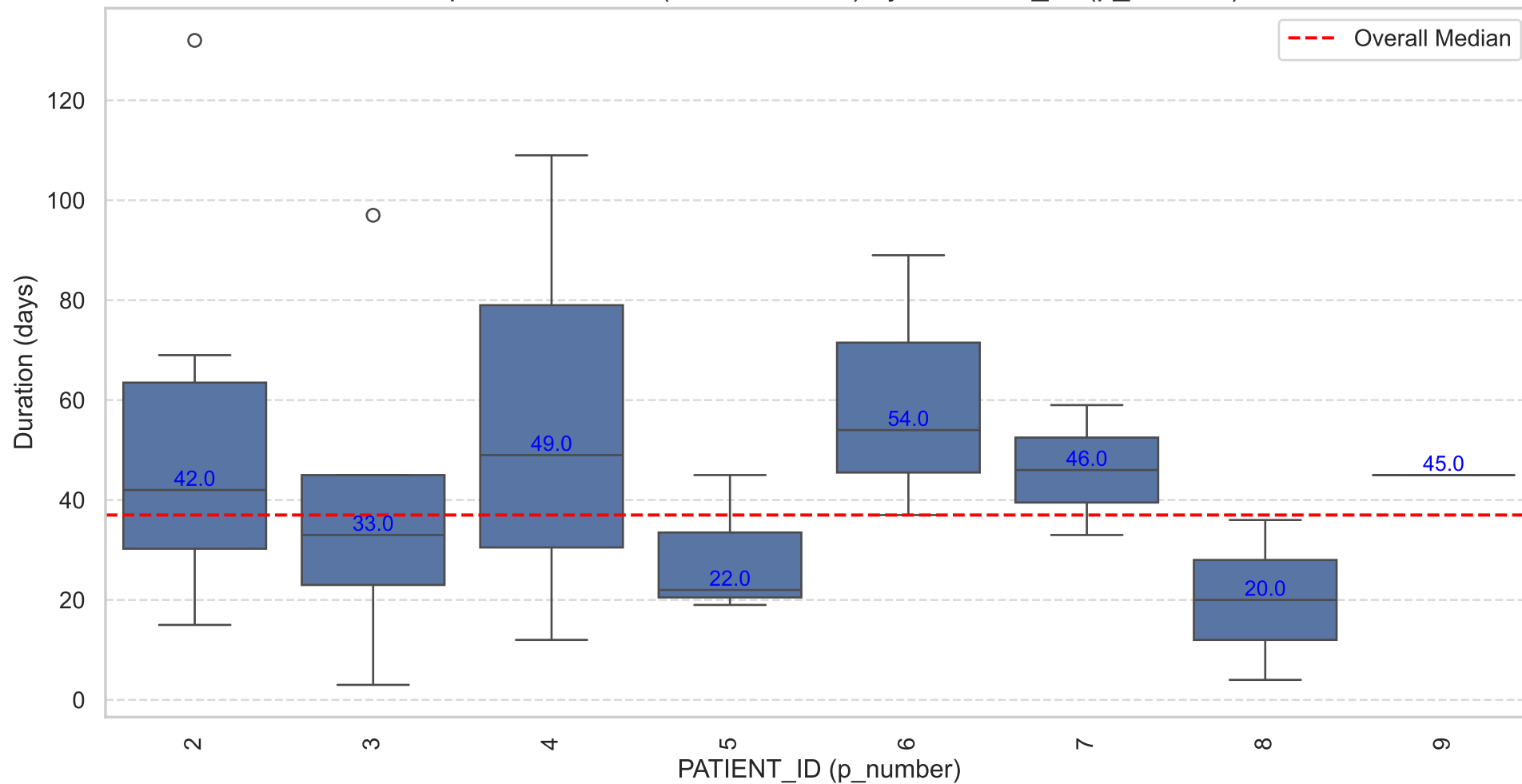
N = 24 Bandwidth = 0.4099



# Optimal number of clusters Silhouette Analysis

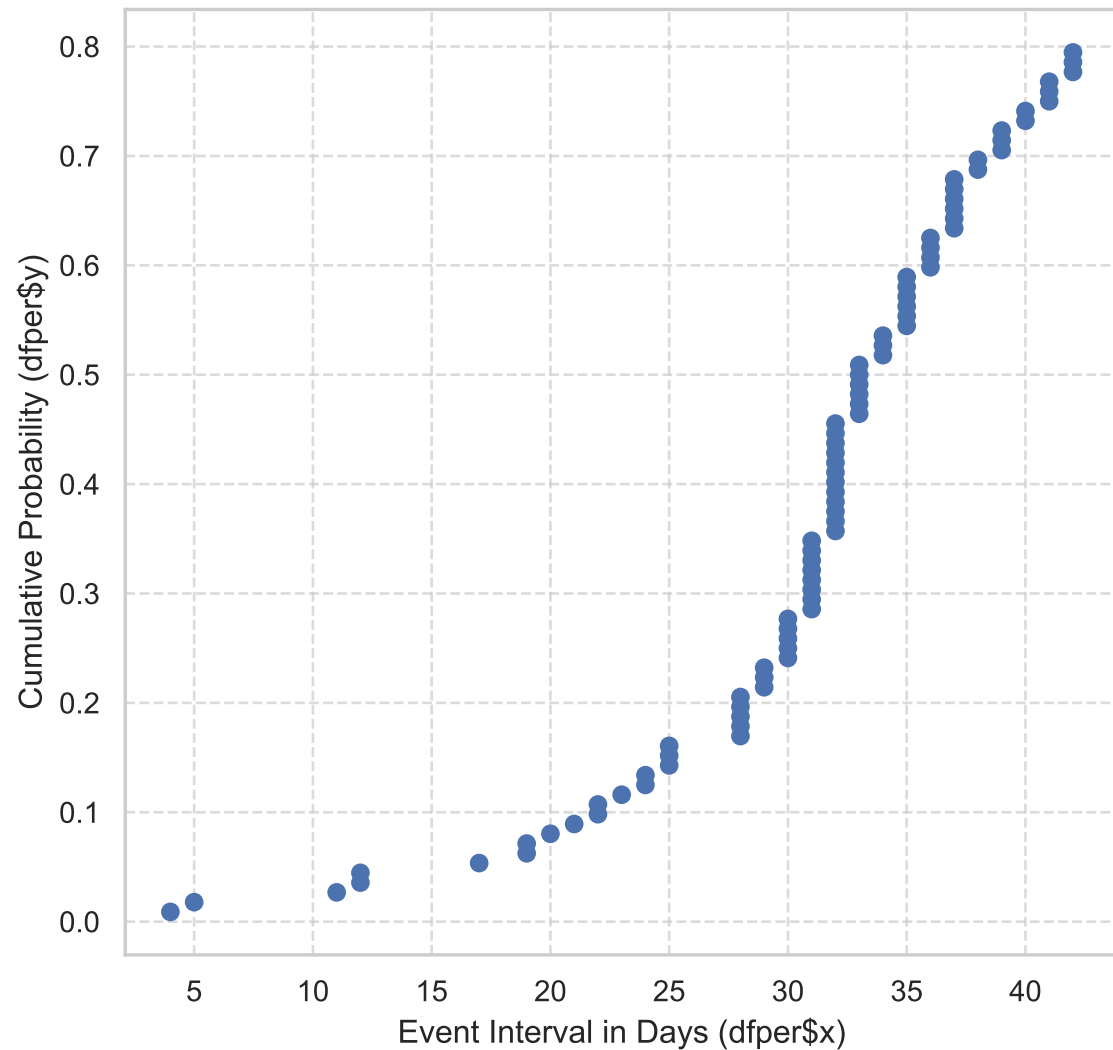


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

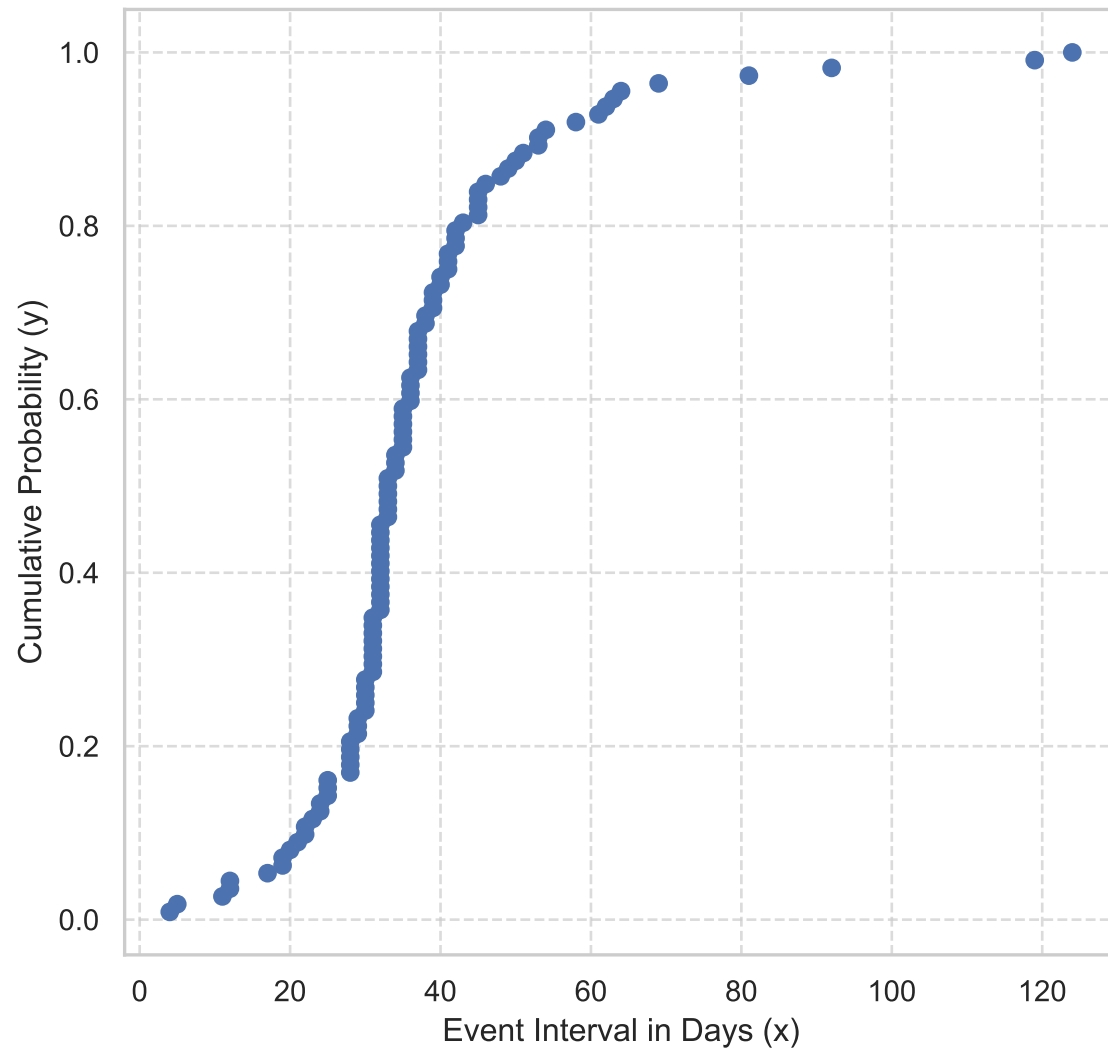


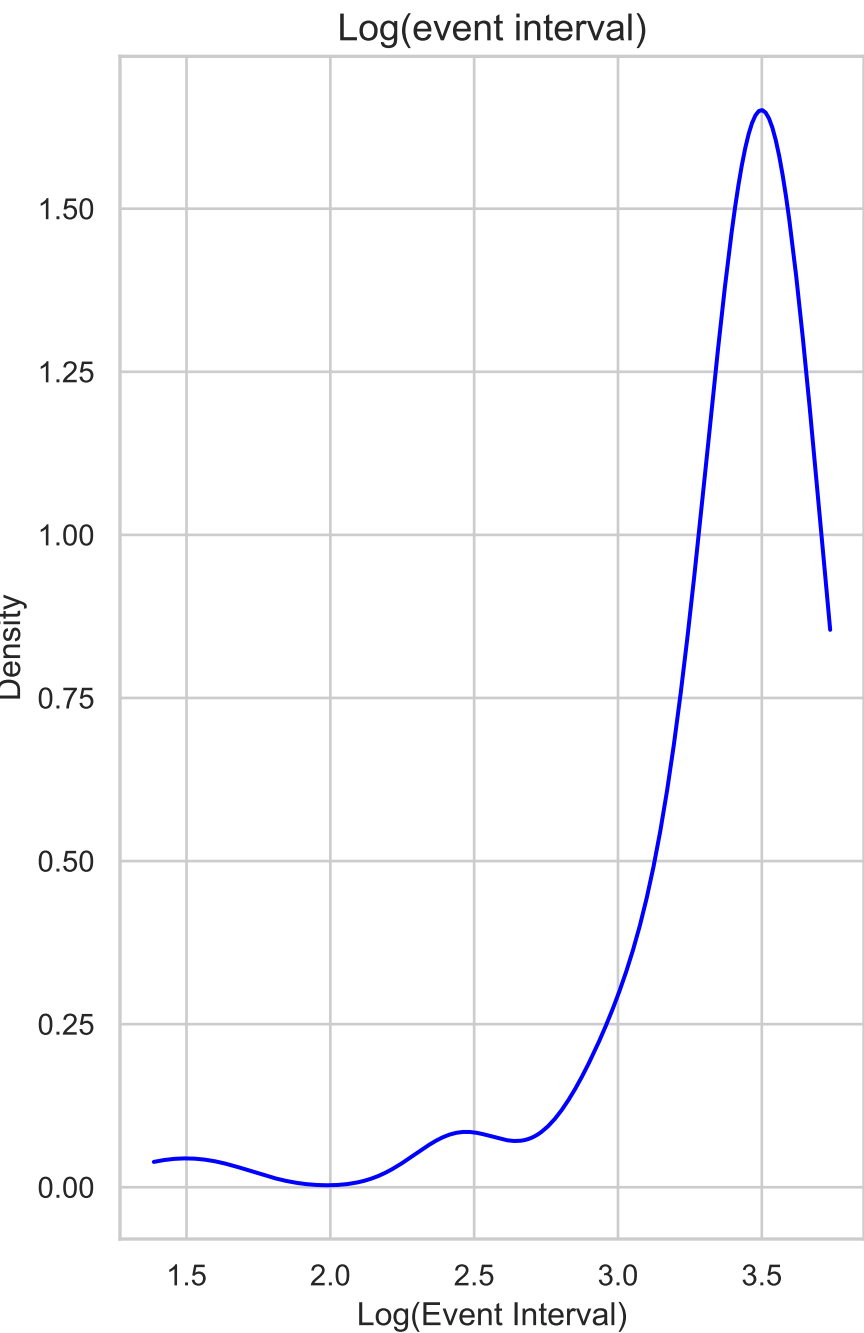
Category: J01FA10

80% ECDF of Event Intervals



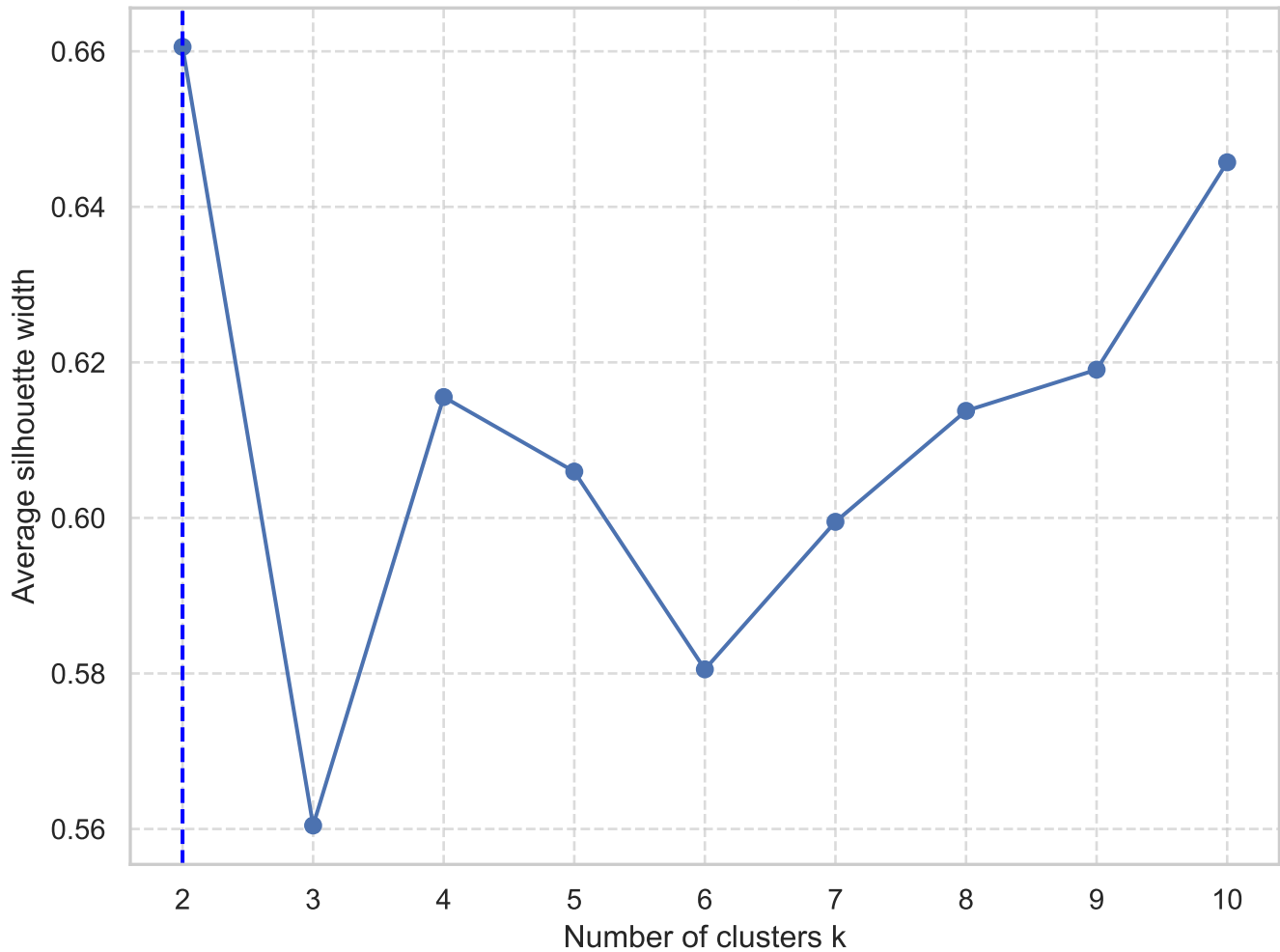
100% ECDF of Event Intervals



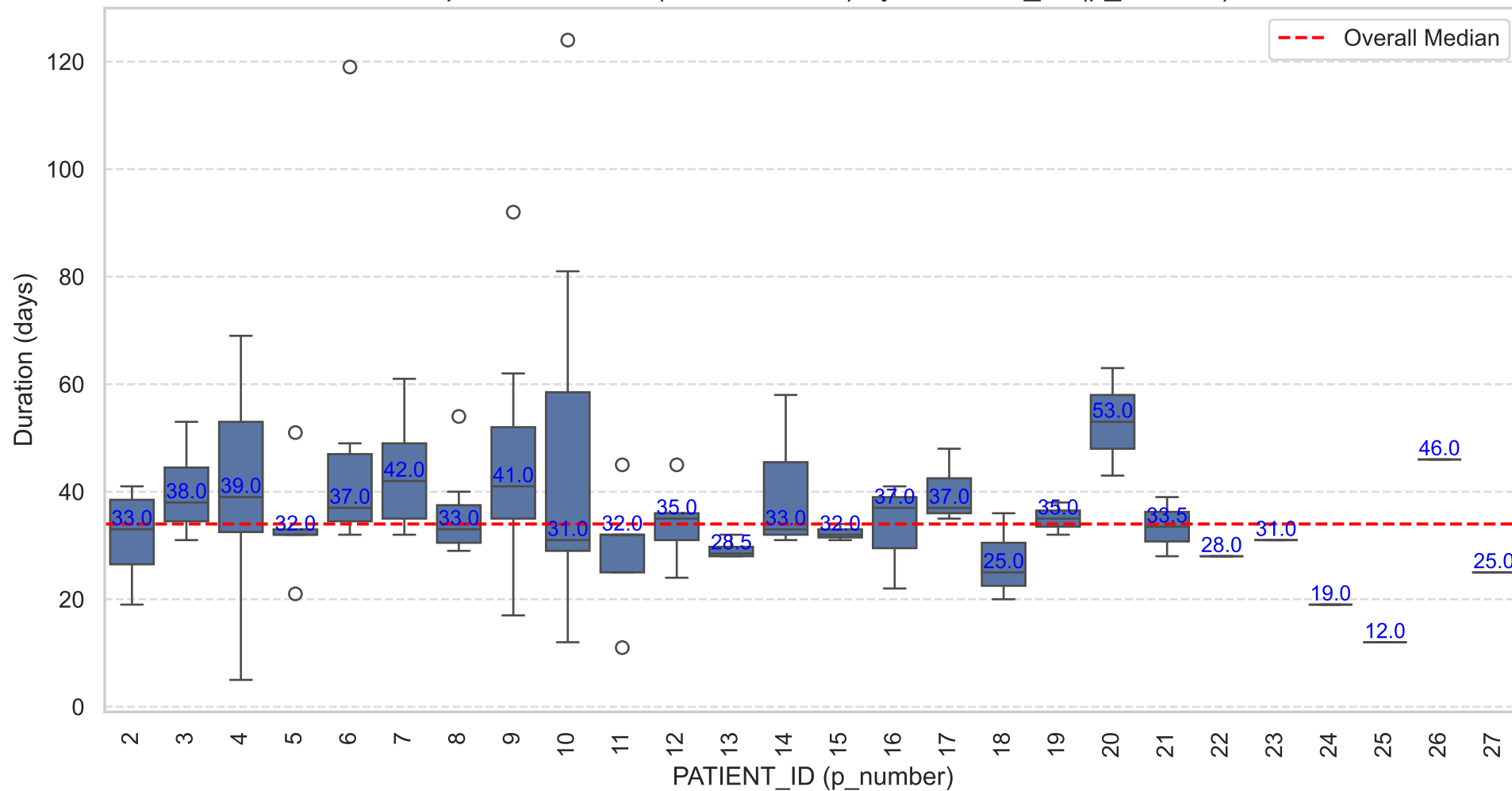


N = 89 Bandwidth = 0.1579

# Optimal number of clusters Silhouette Analysis



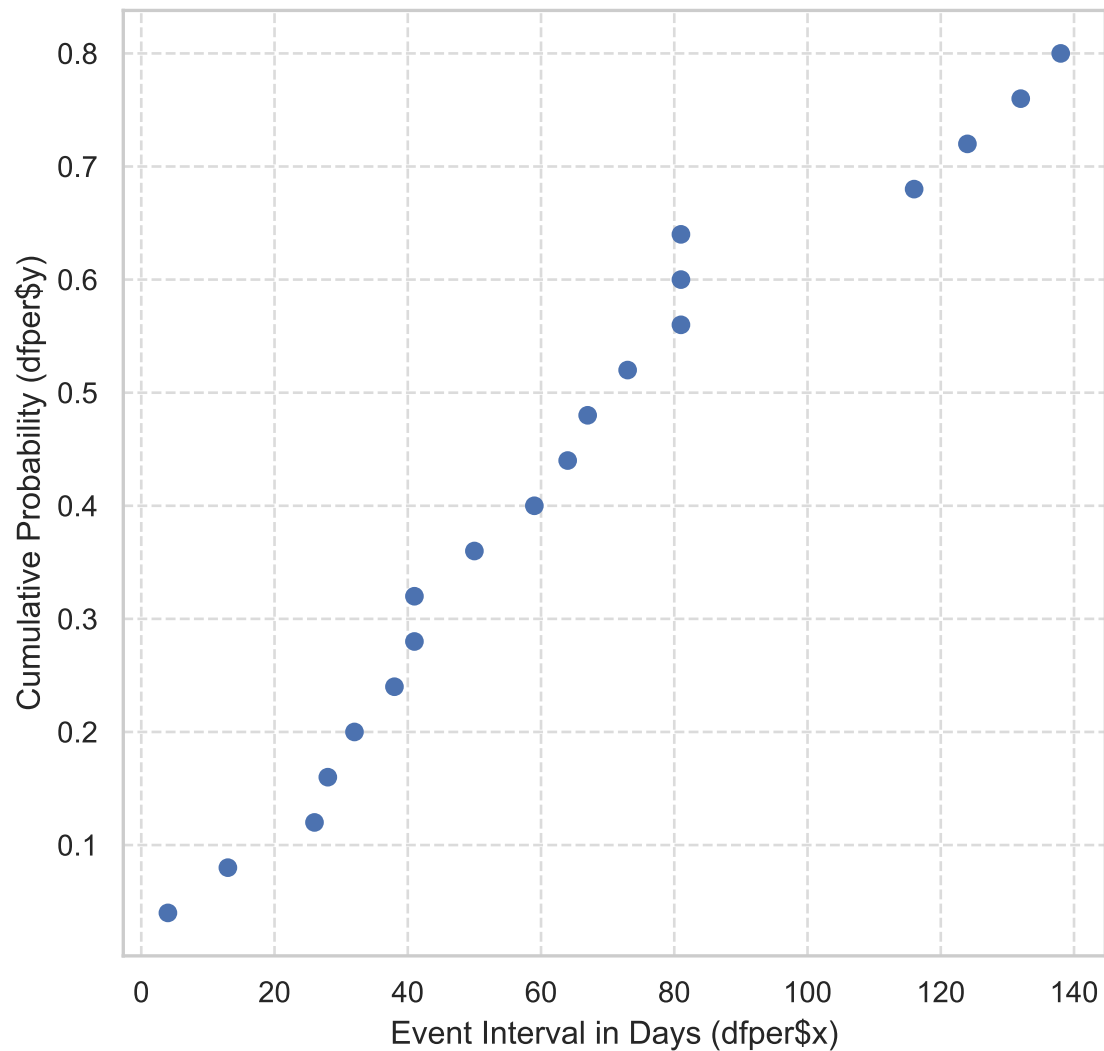
Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)



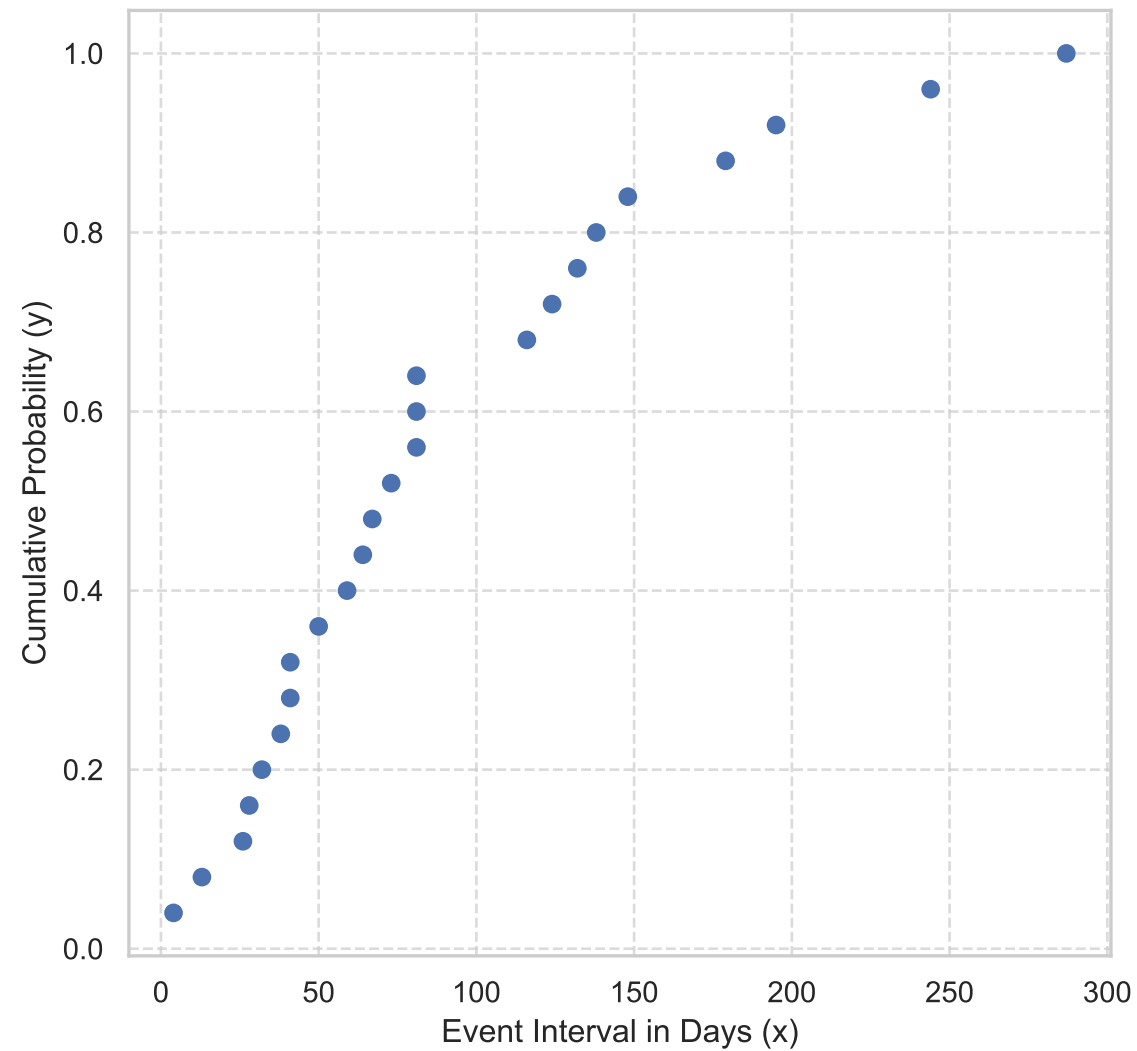
Category: J01GB01



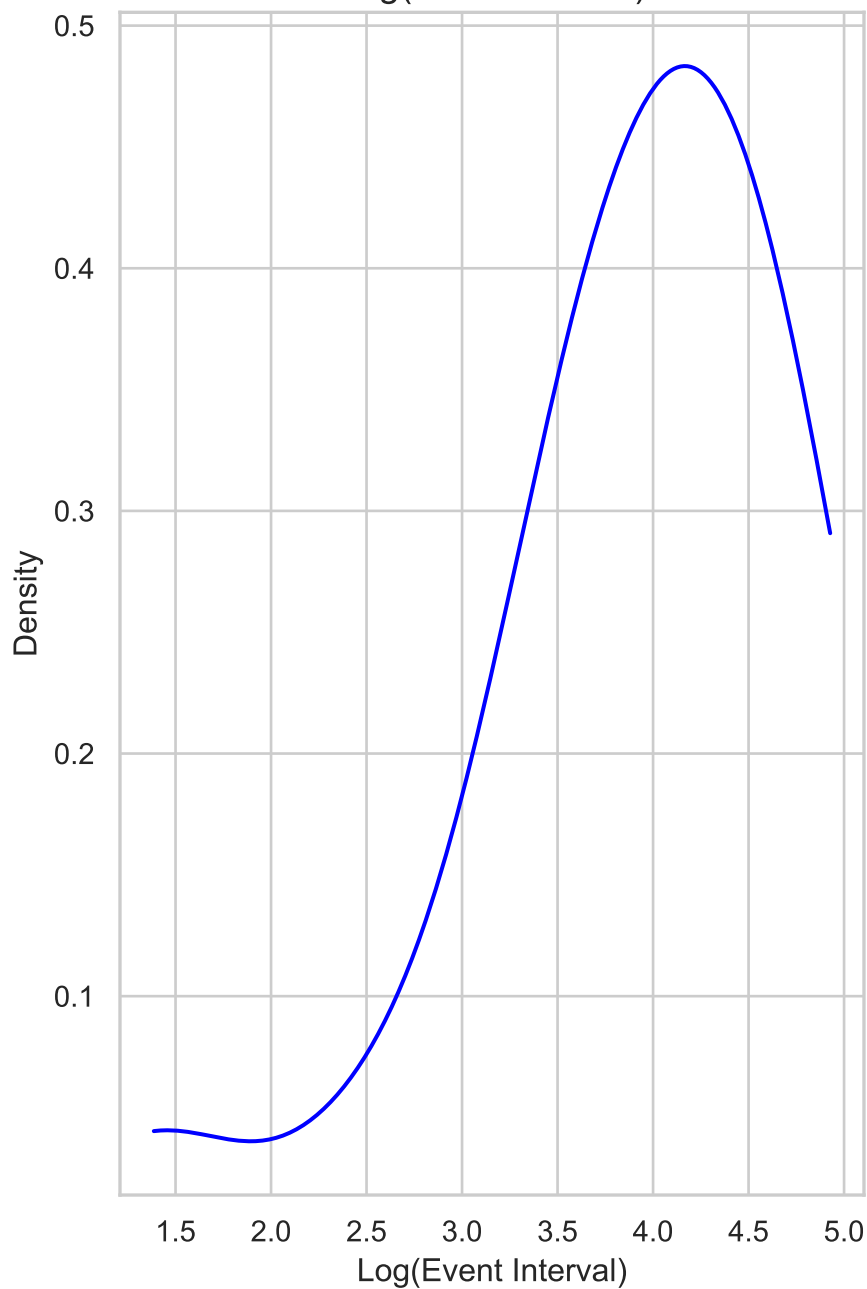
80% ECDF of Event Intervals



100% ECDF of Event Intervals

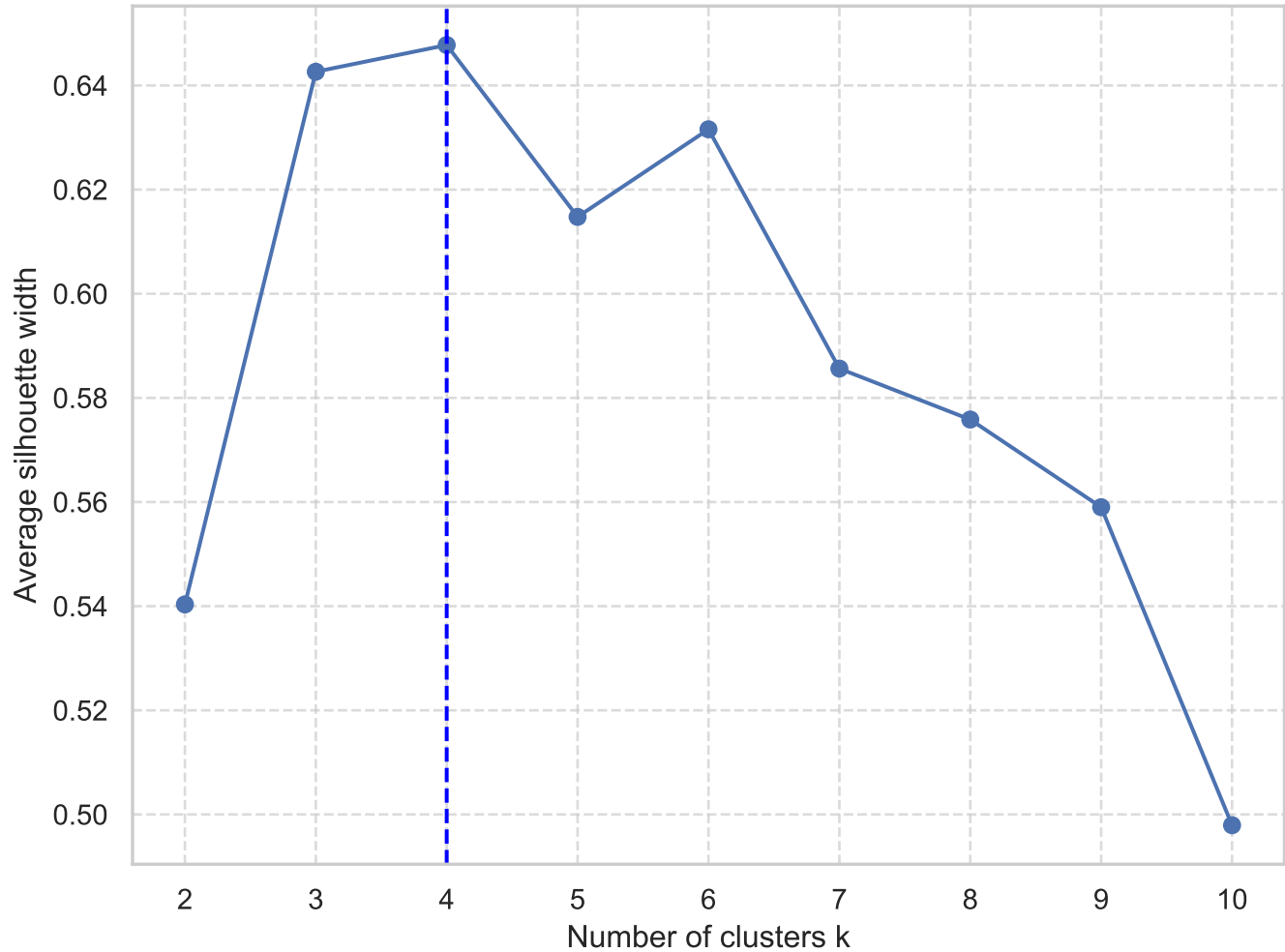


Log(event interval)

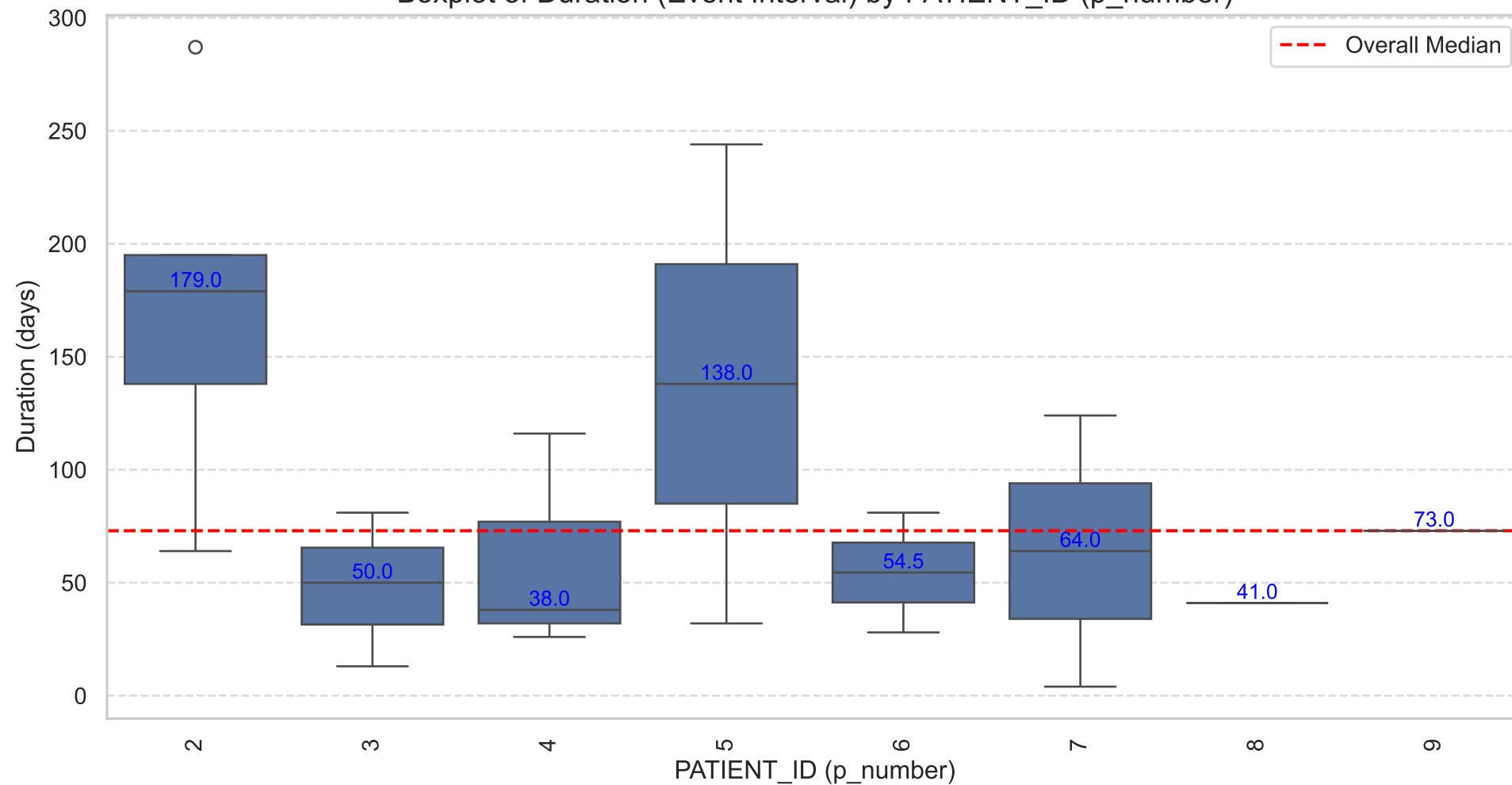


N = 20 Bandwidth = 0.4687

Optimal number of clusters  
Silhouette Analysis

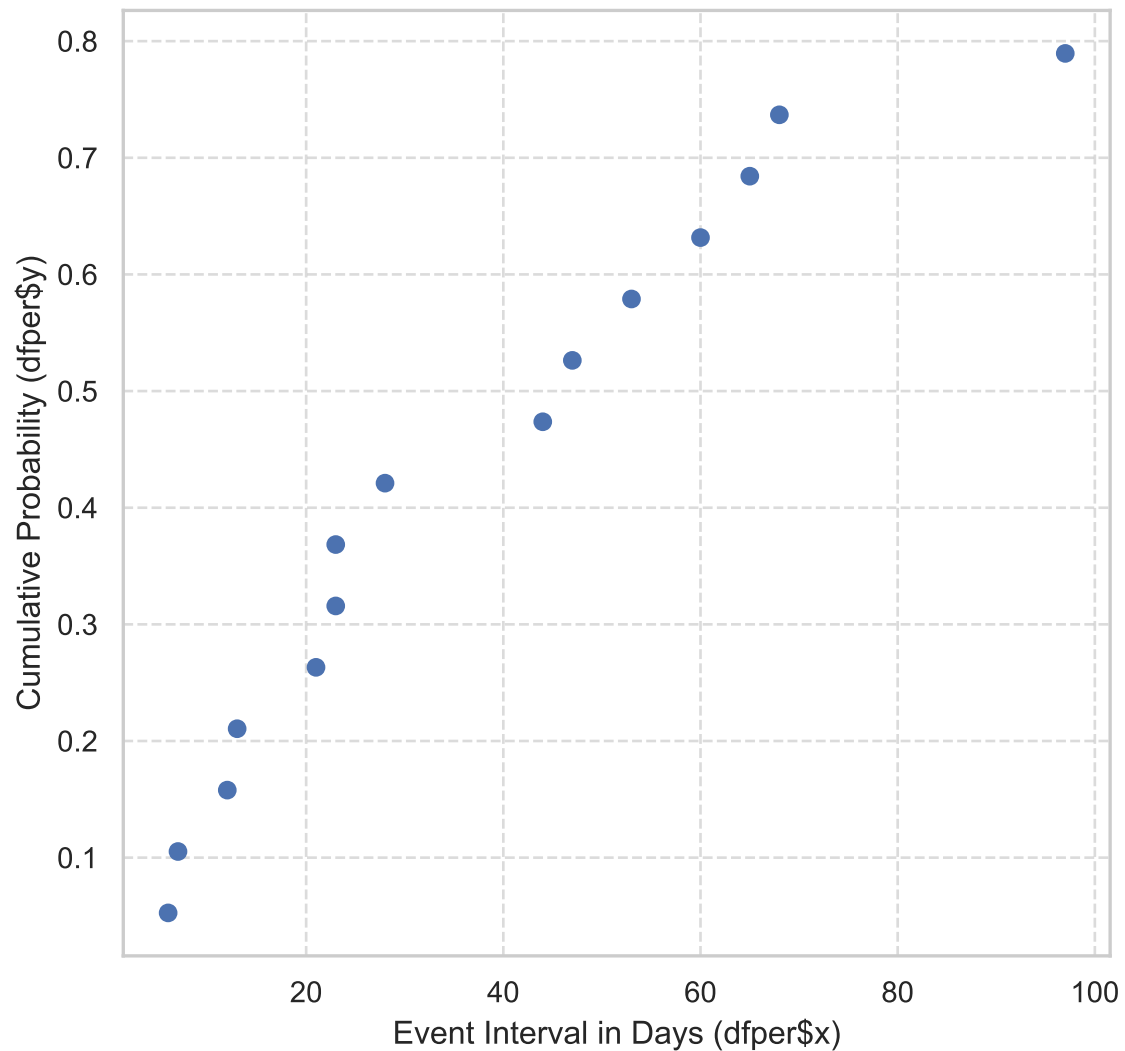


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

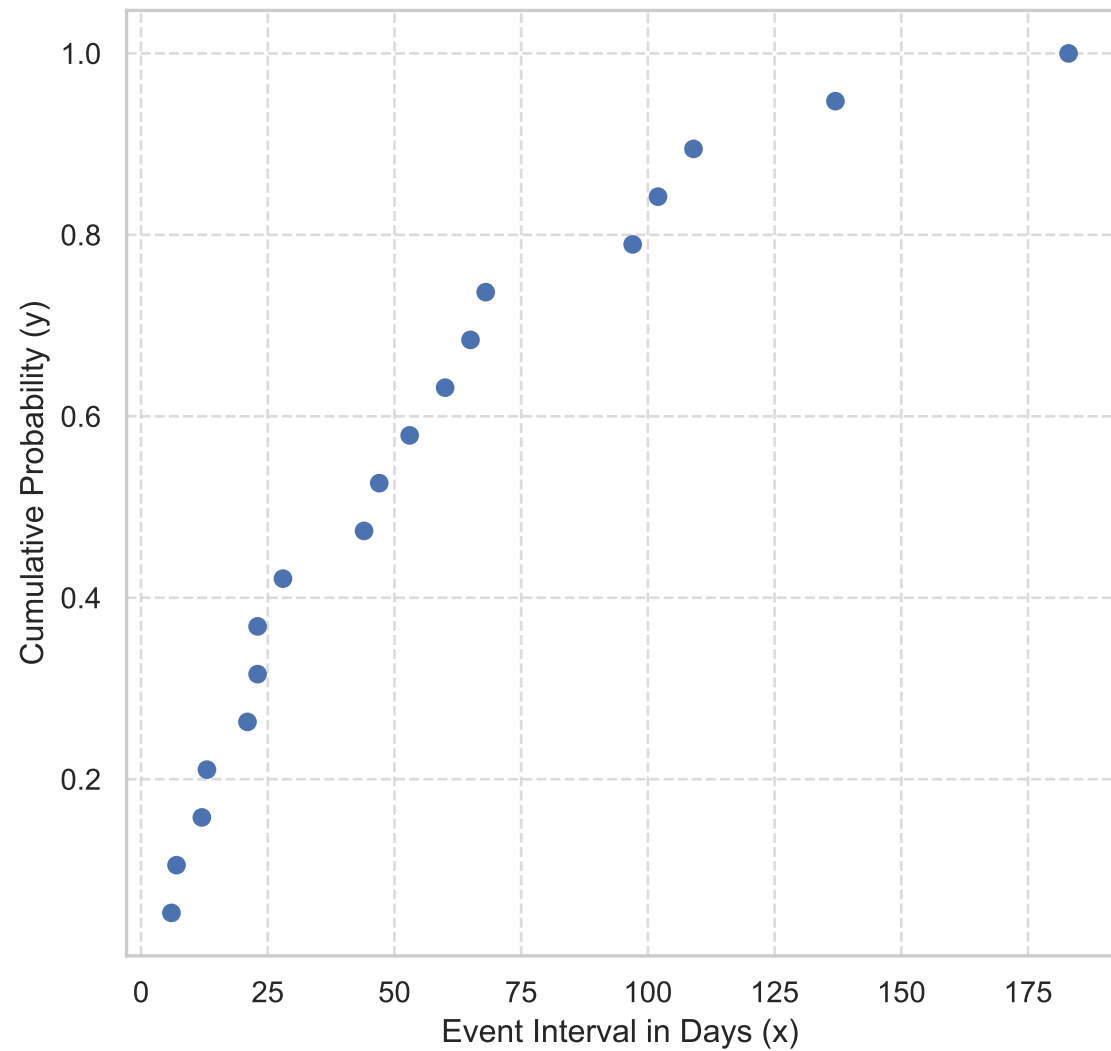


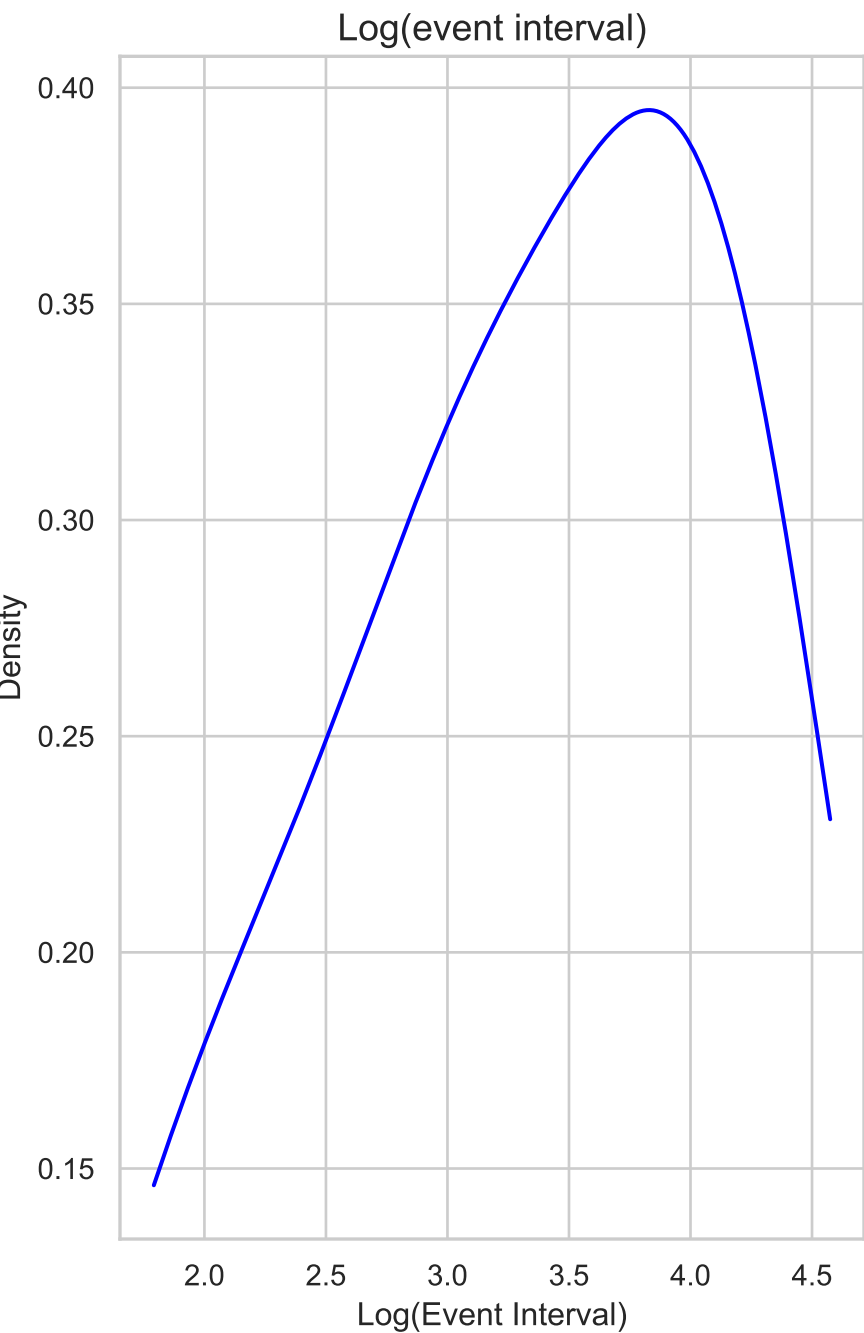
Category: J01MA02

80% ECDF of Event Intervals



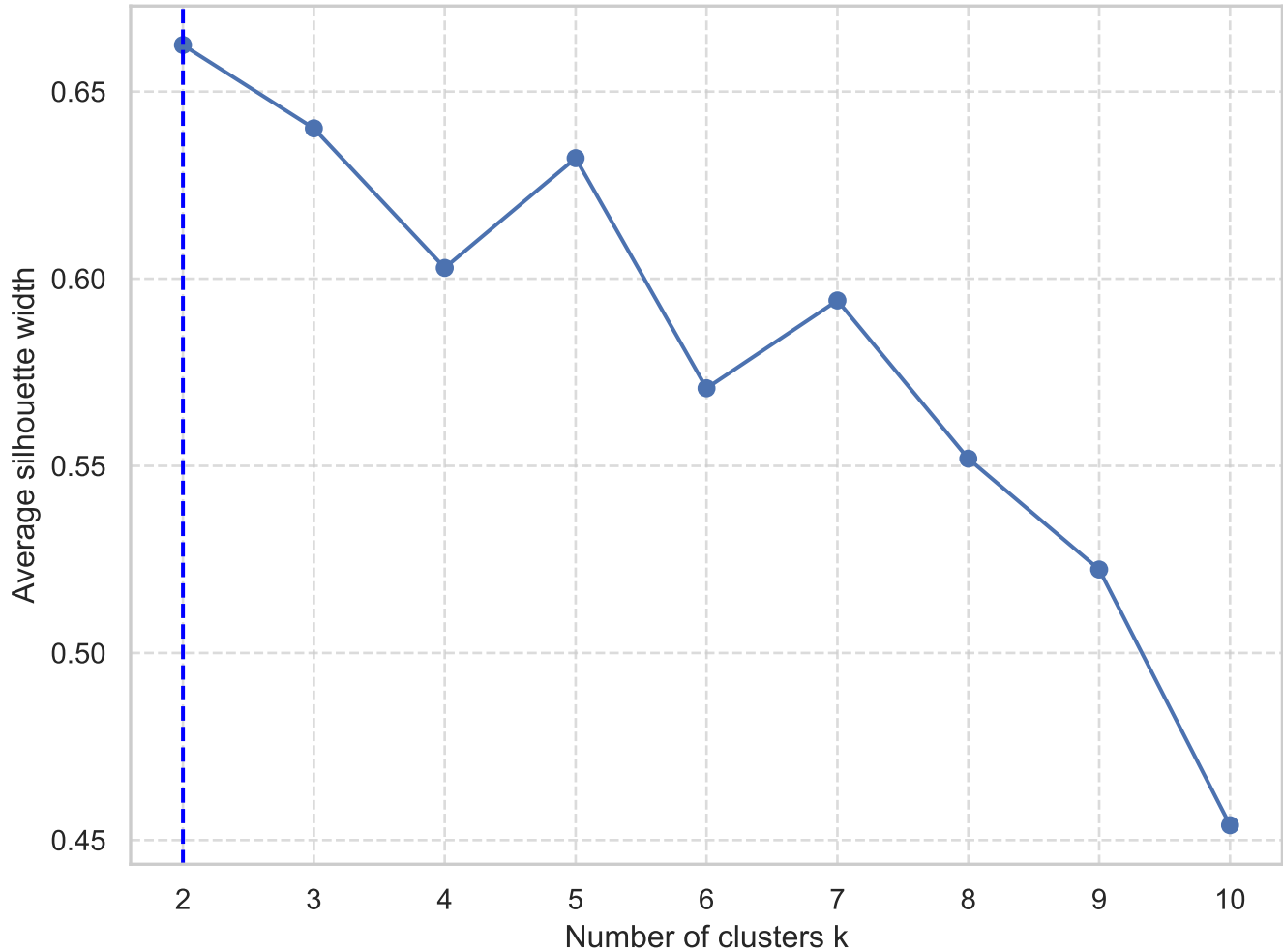
100% ECDF of Event Intervals





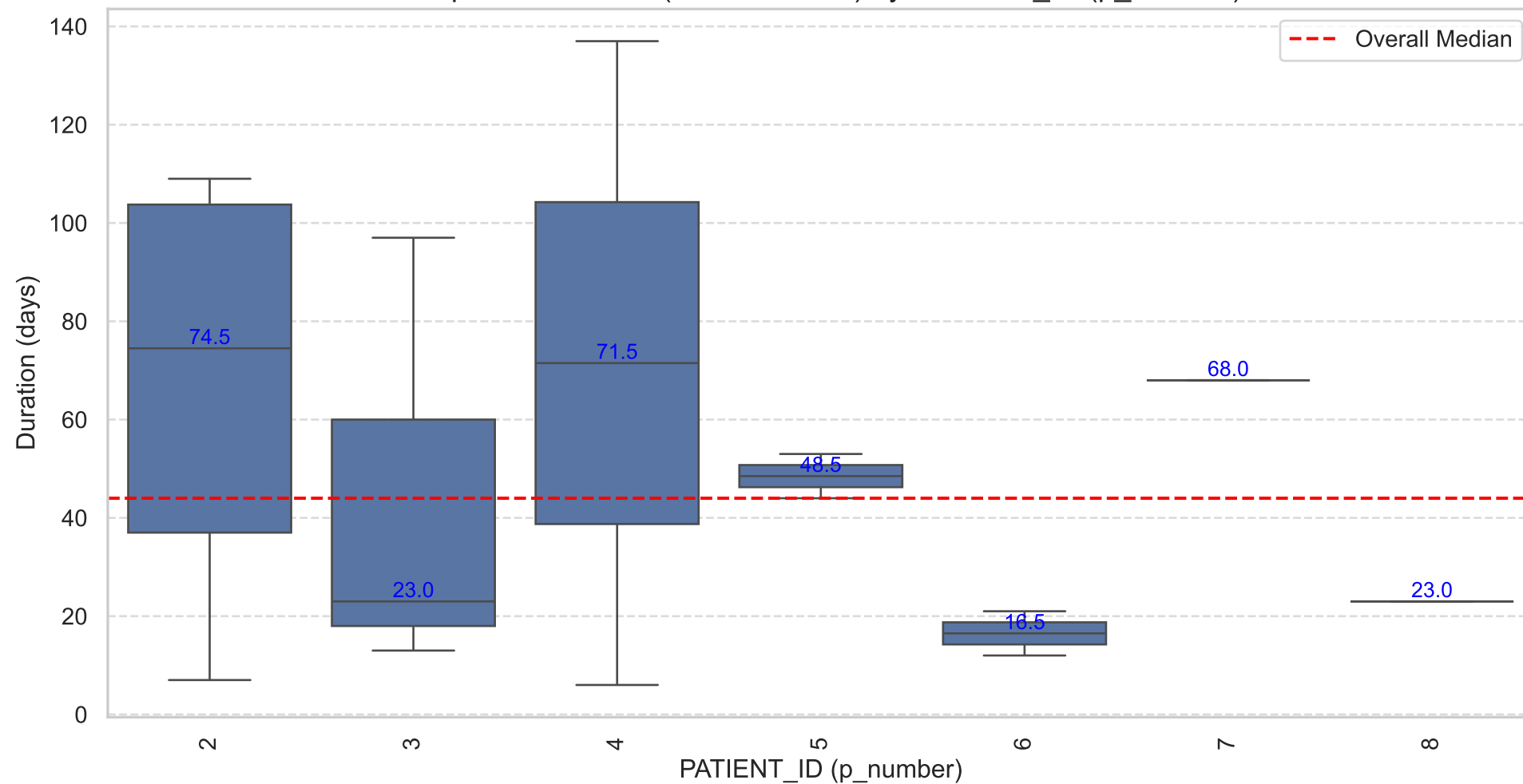
N = 15 Bandwidth = 0.4981

# Optimal number of clusters Silhouette Analysis



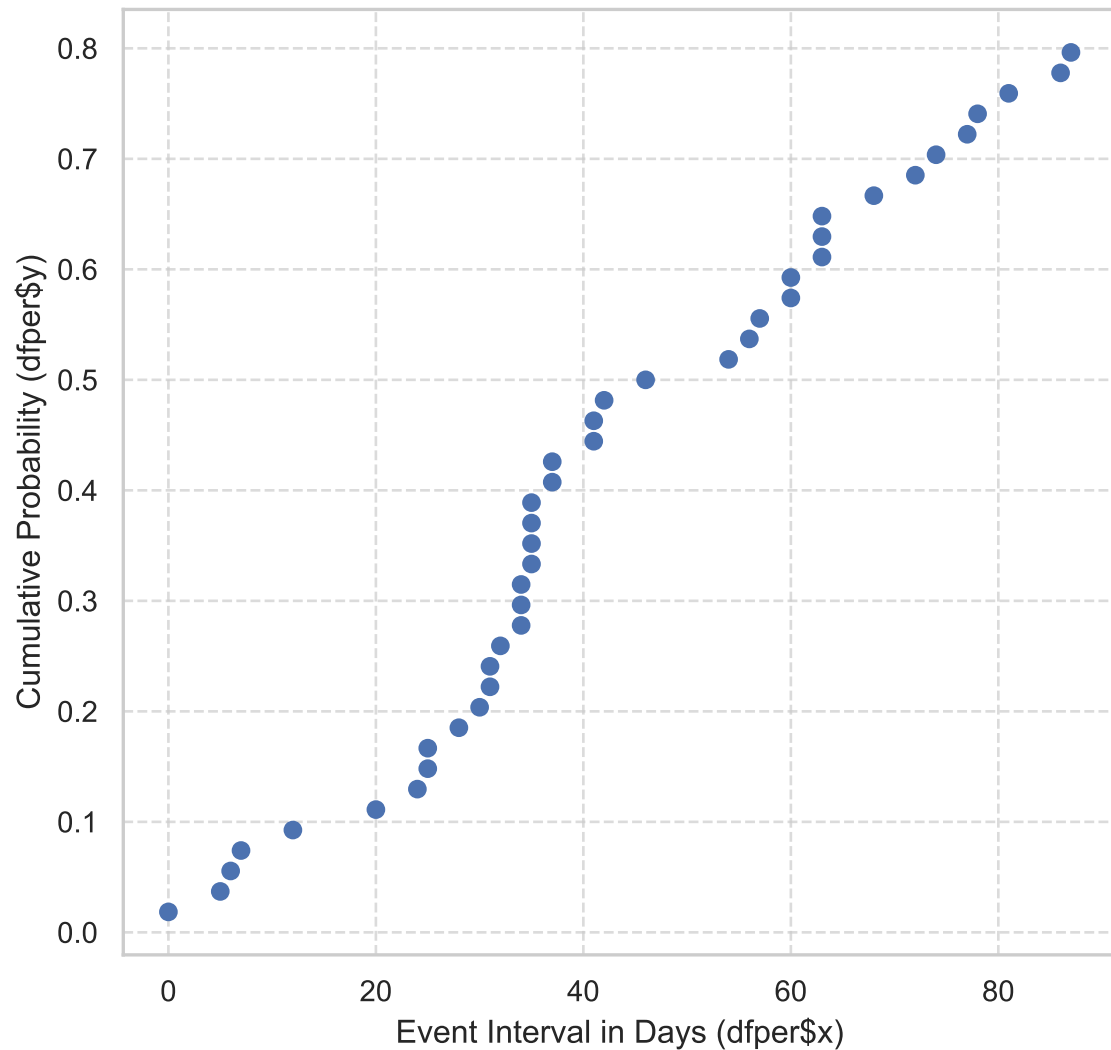


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

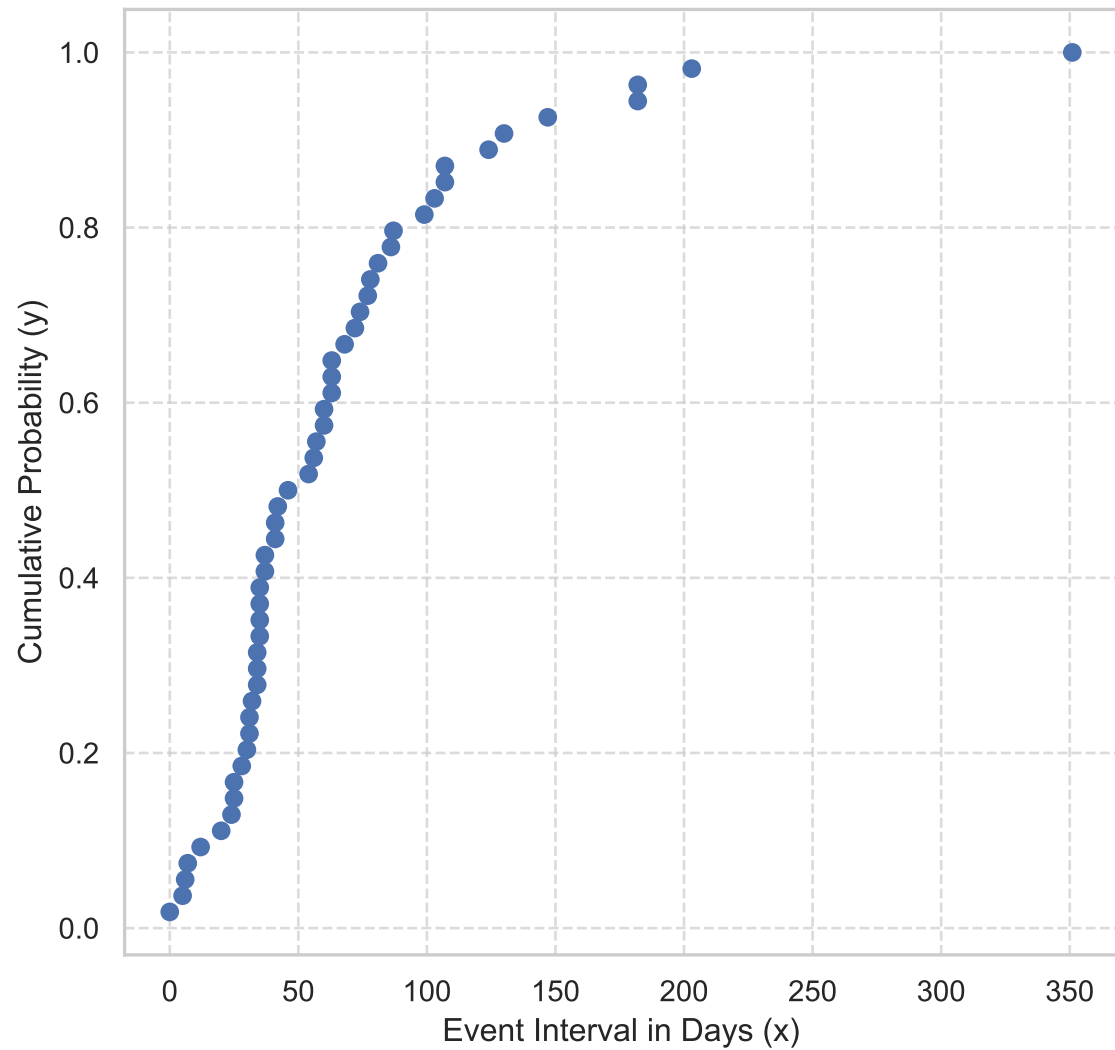


Category: J01XB01

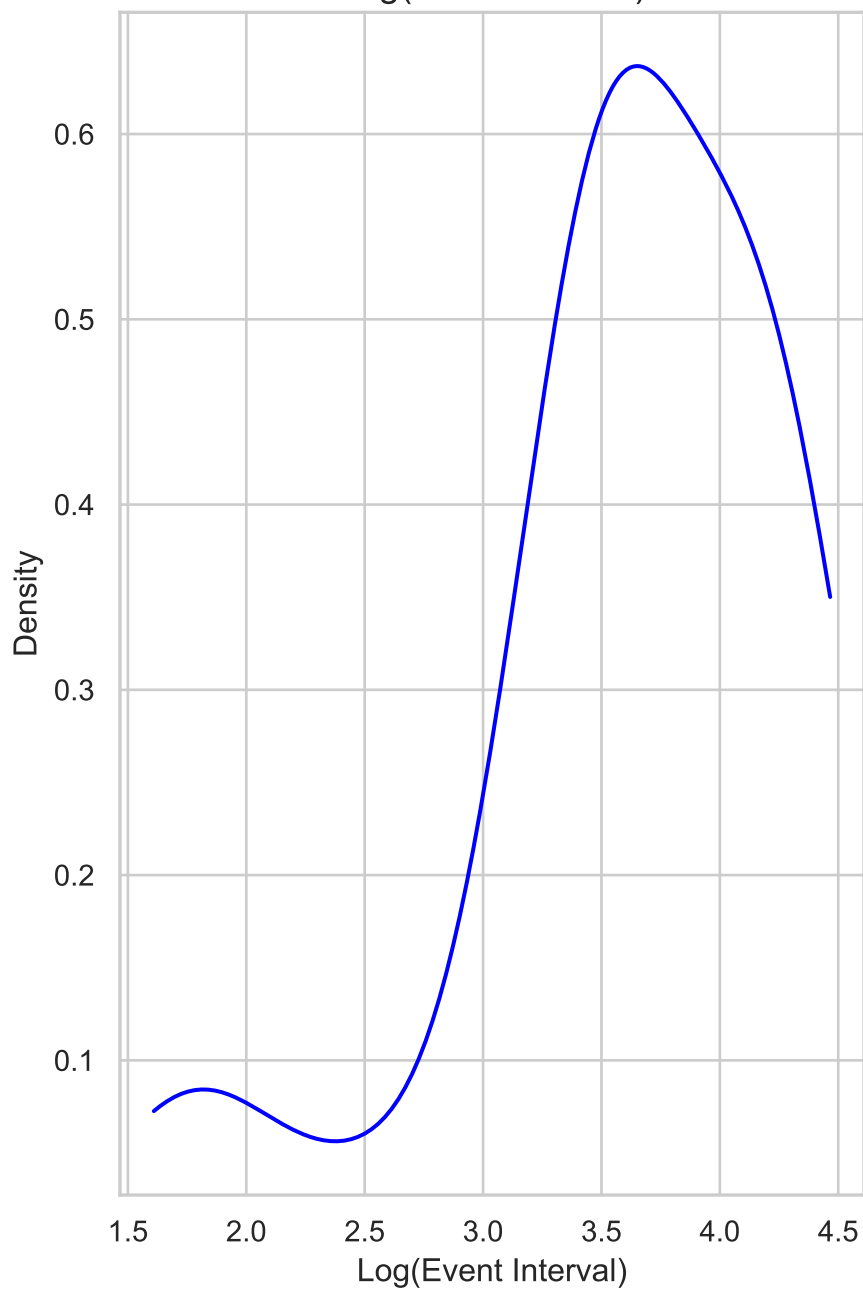
80% ECDF of Event Intervals



100% ECDF of Event Intervals



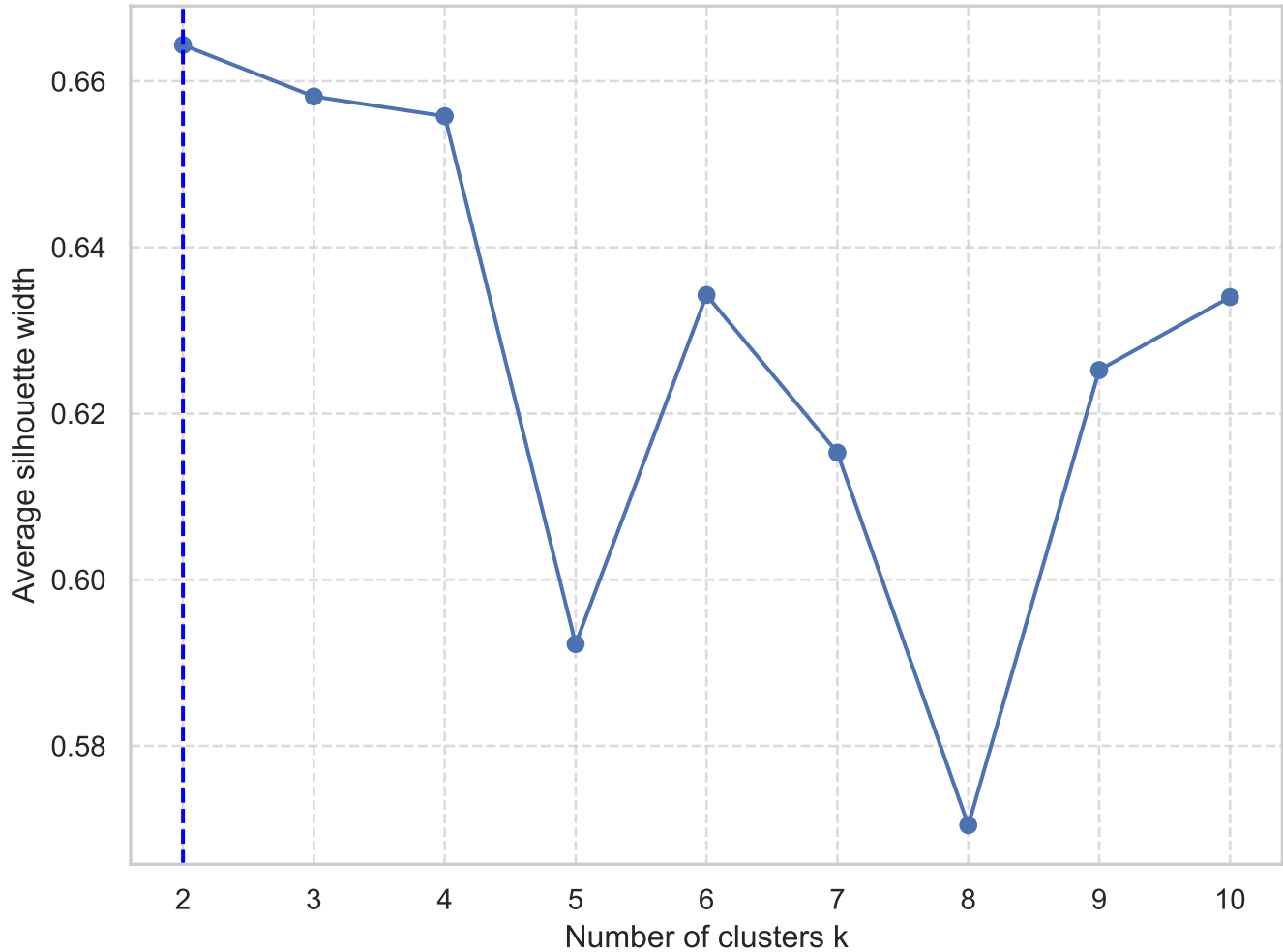
Log(event interval)



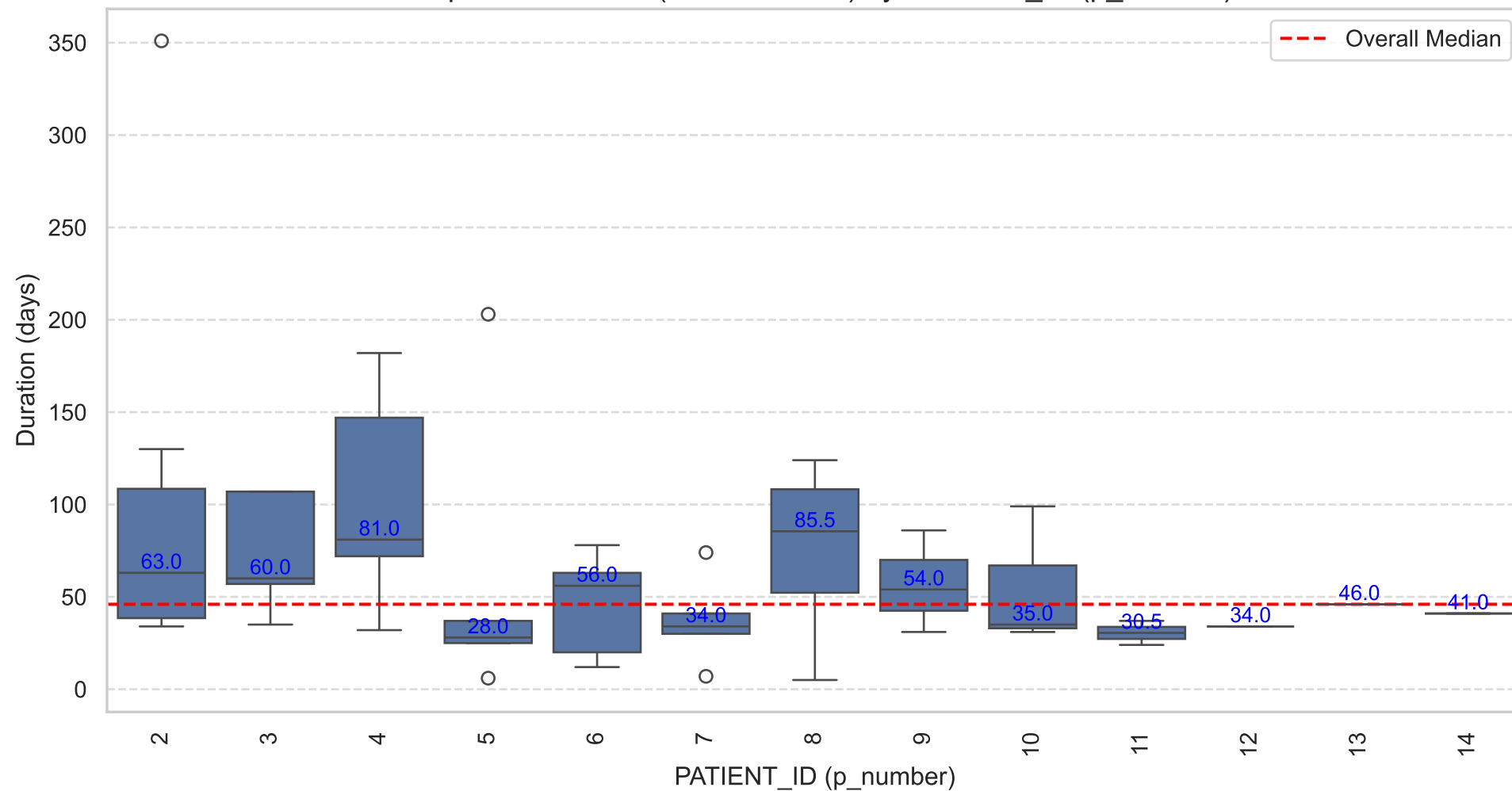
N = 42 Bandwidth = 0.3208

# Optimal number of clusters

## Silhouette Analysis

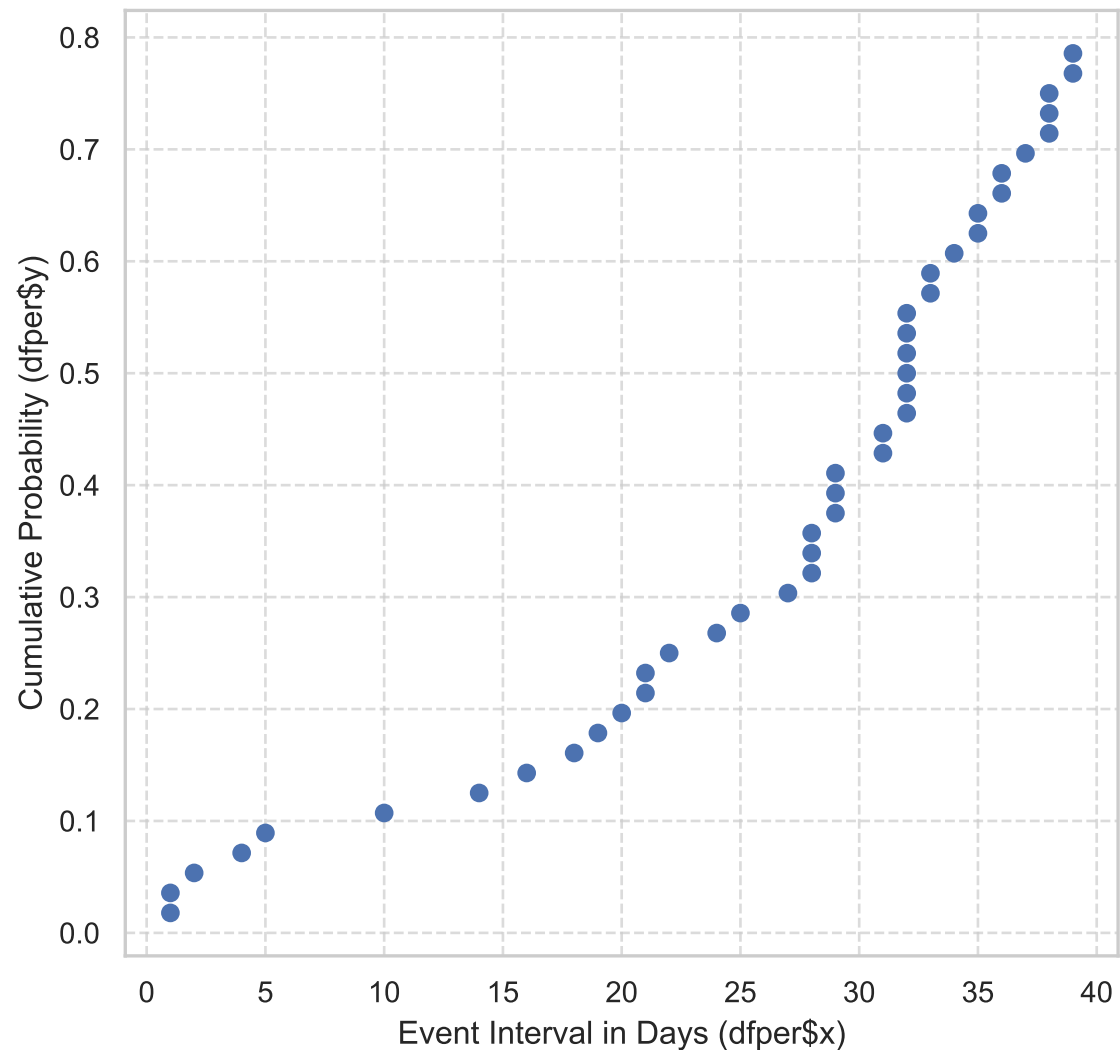


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

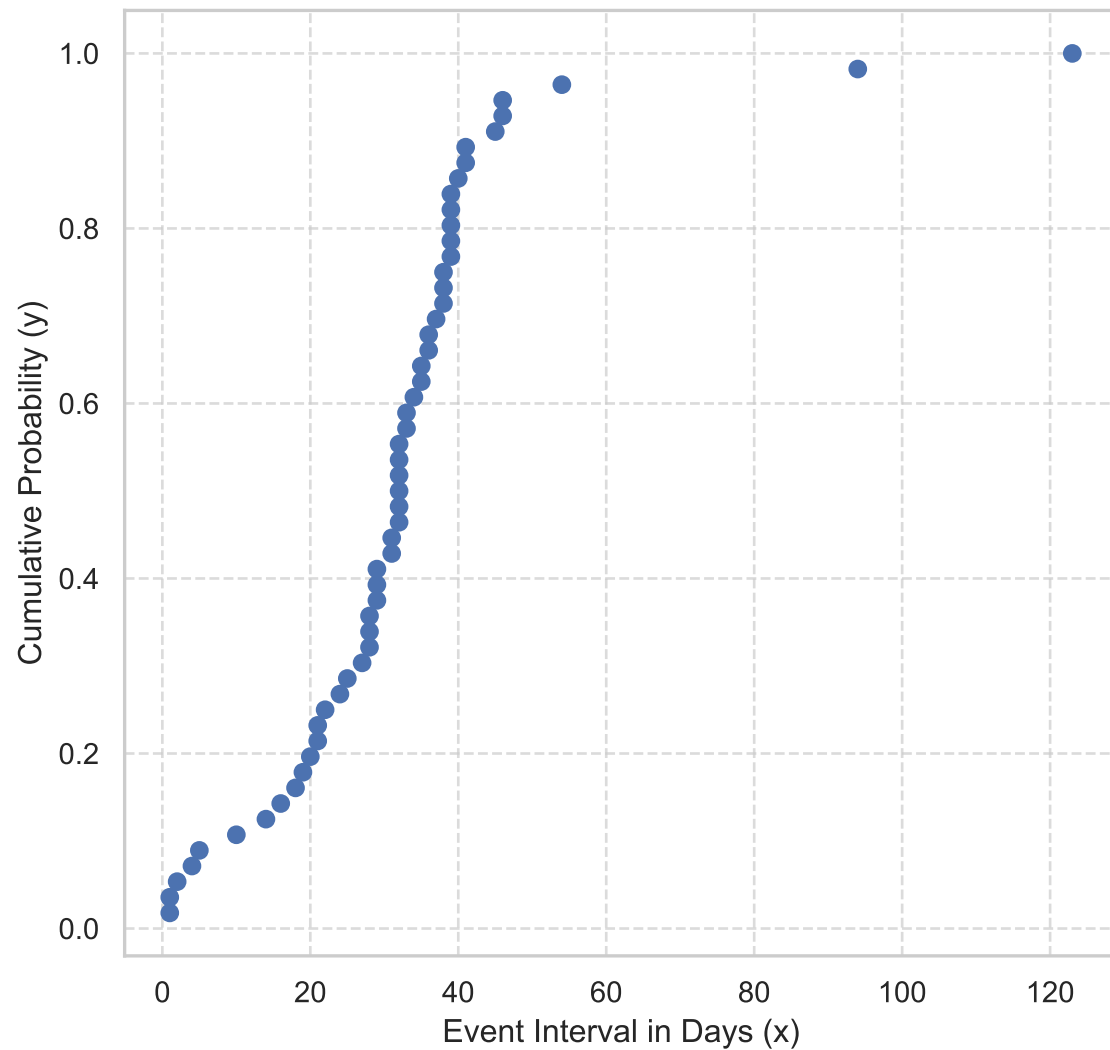


Category: J02AC02

80% ECDF of Event Intervals

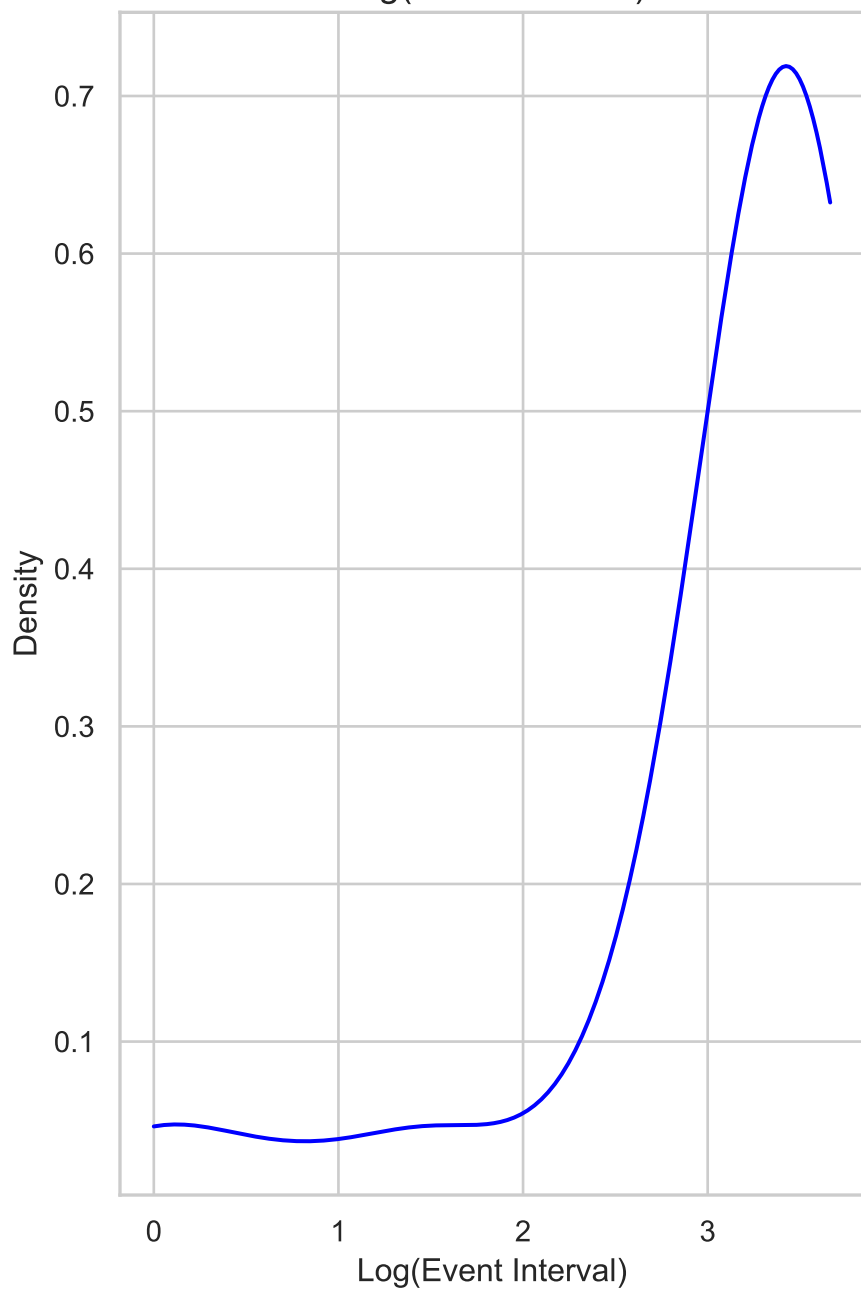


100% ECDF of Event Intervals





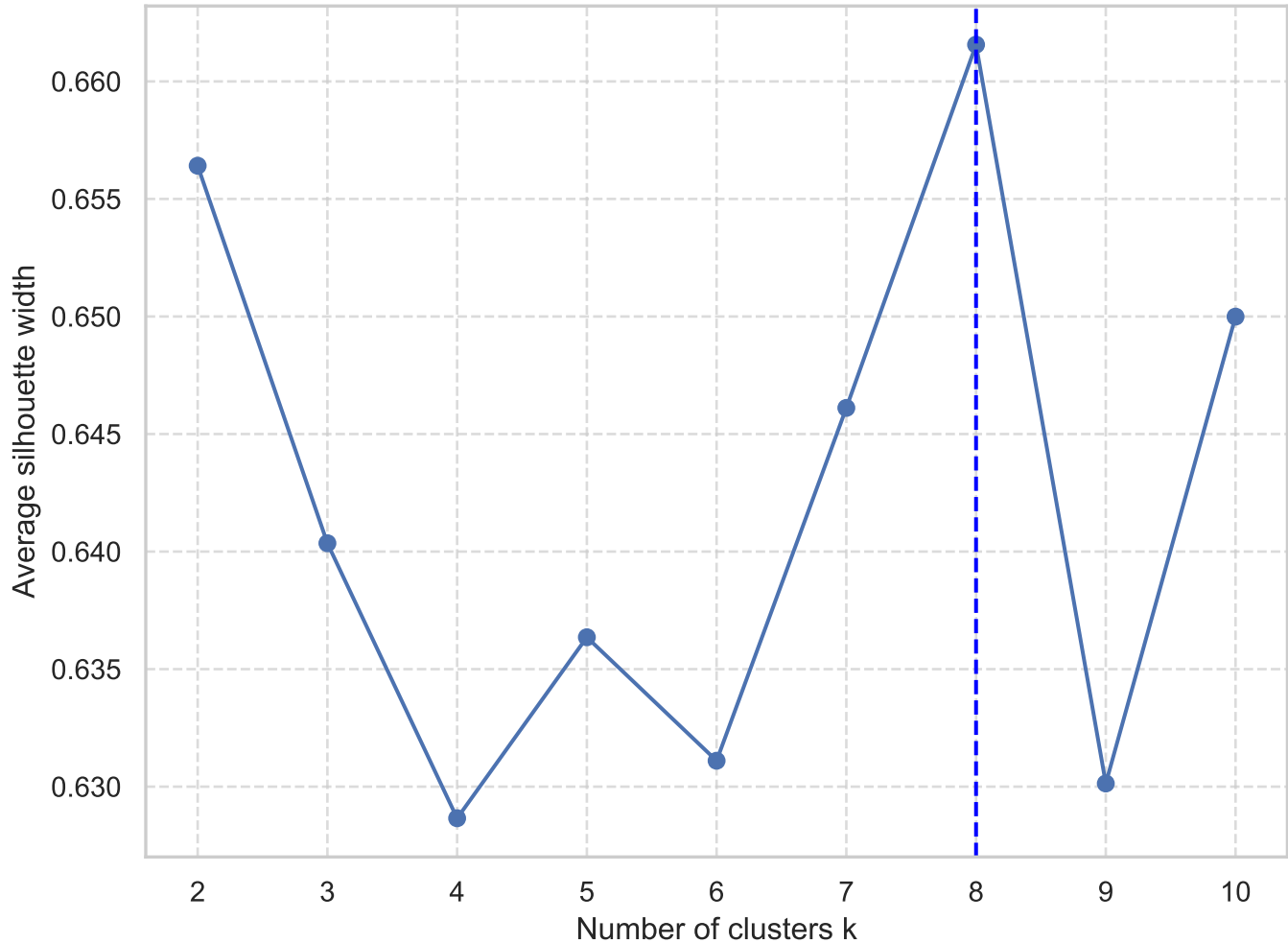
Log(event interval)



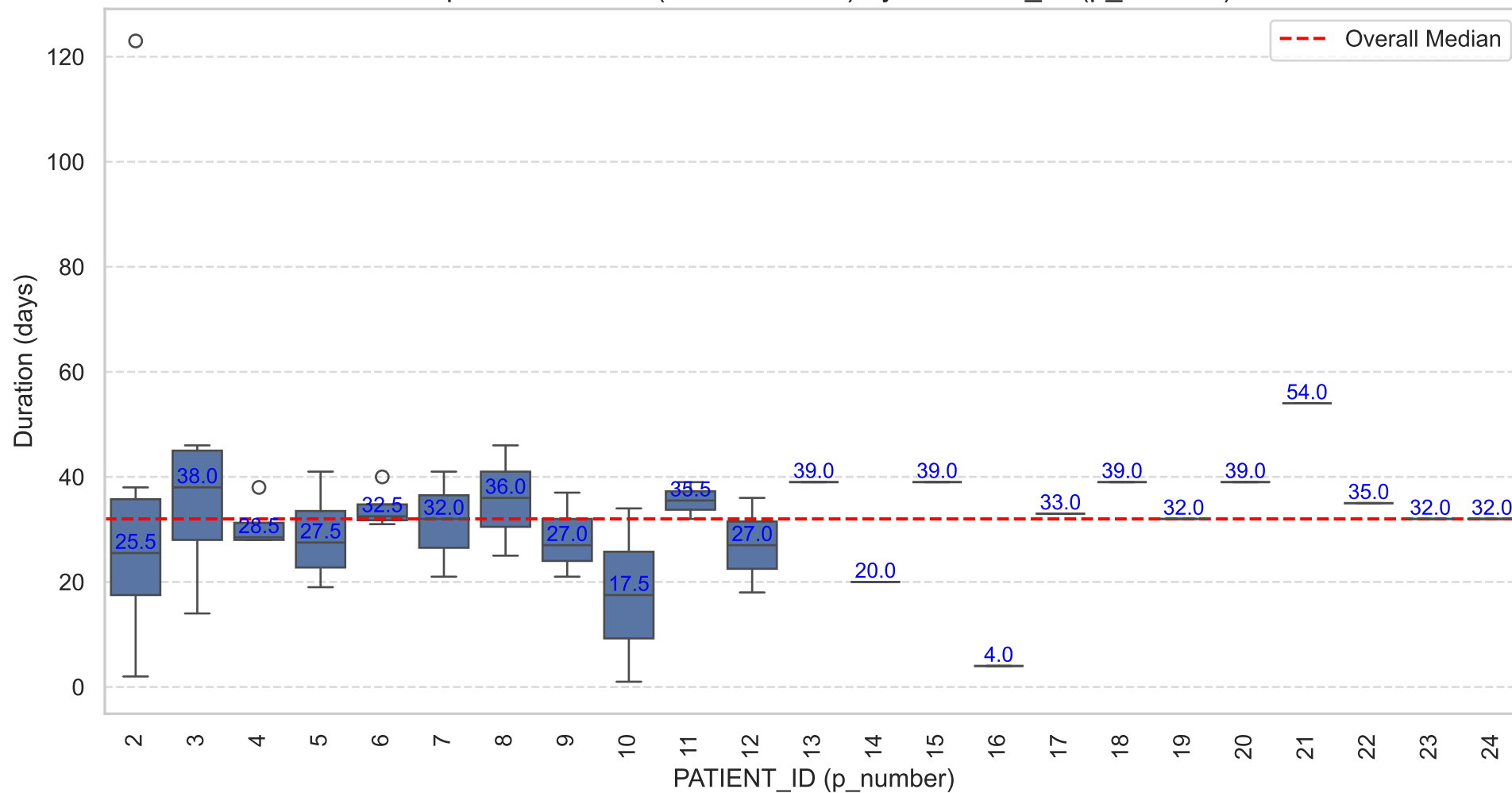
N = 47 Bandwidth = 0.4138

# Optimal number of clusters

## Silhouette Analysis

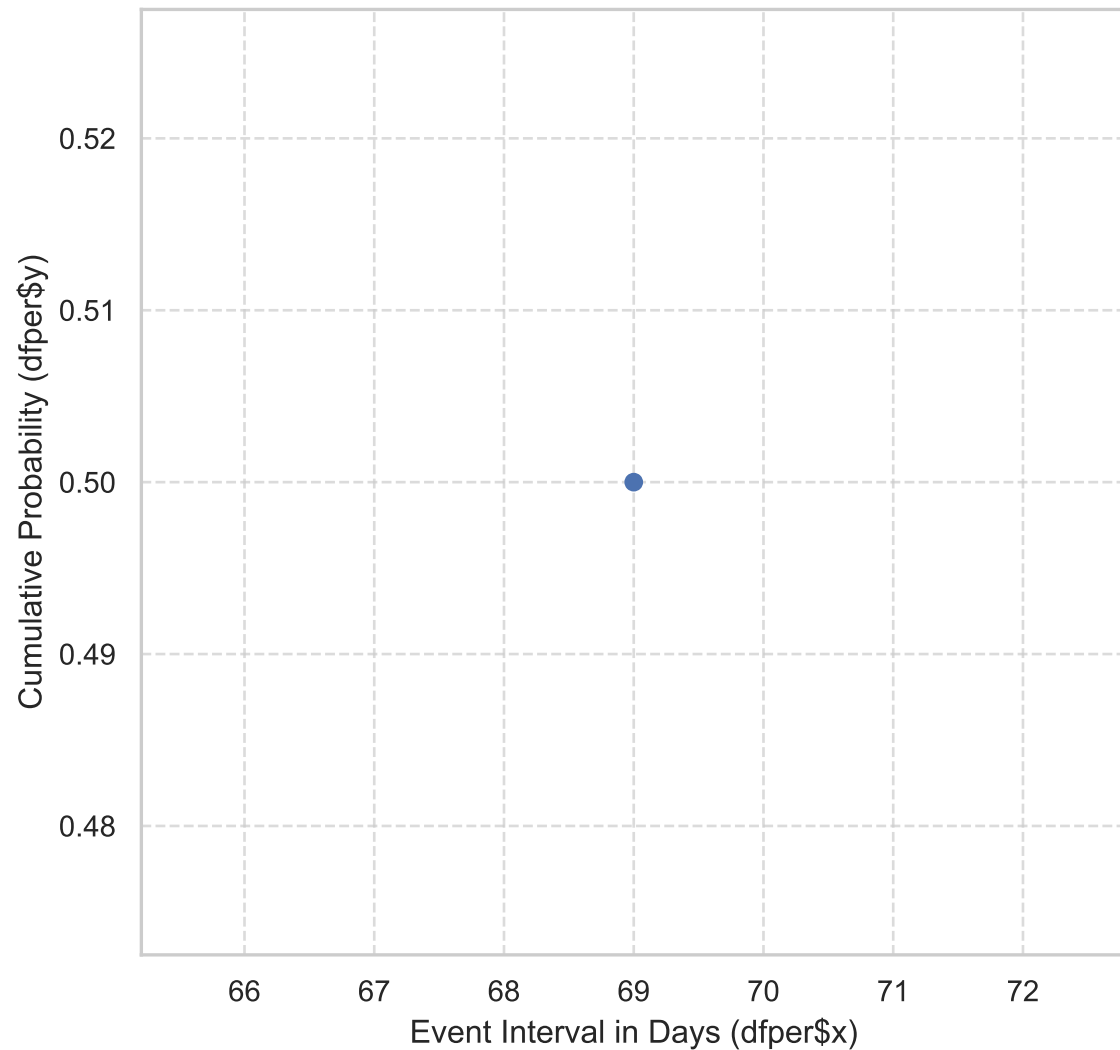


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

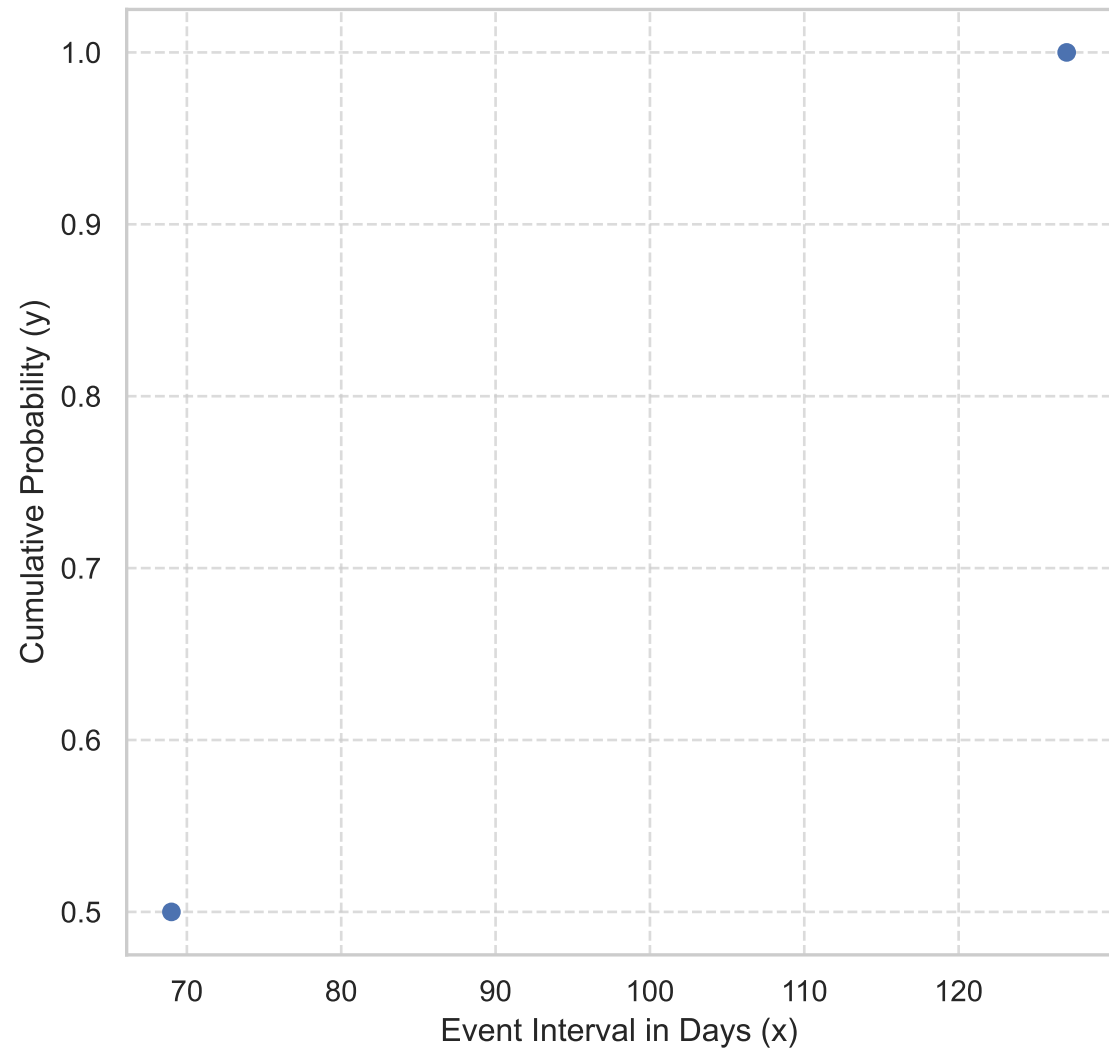


Category: R03AK08

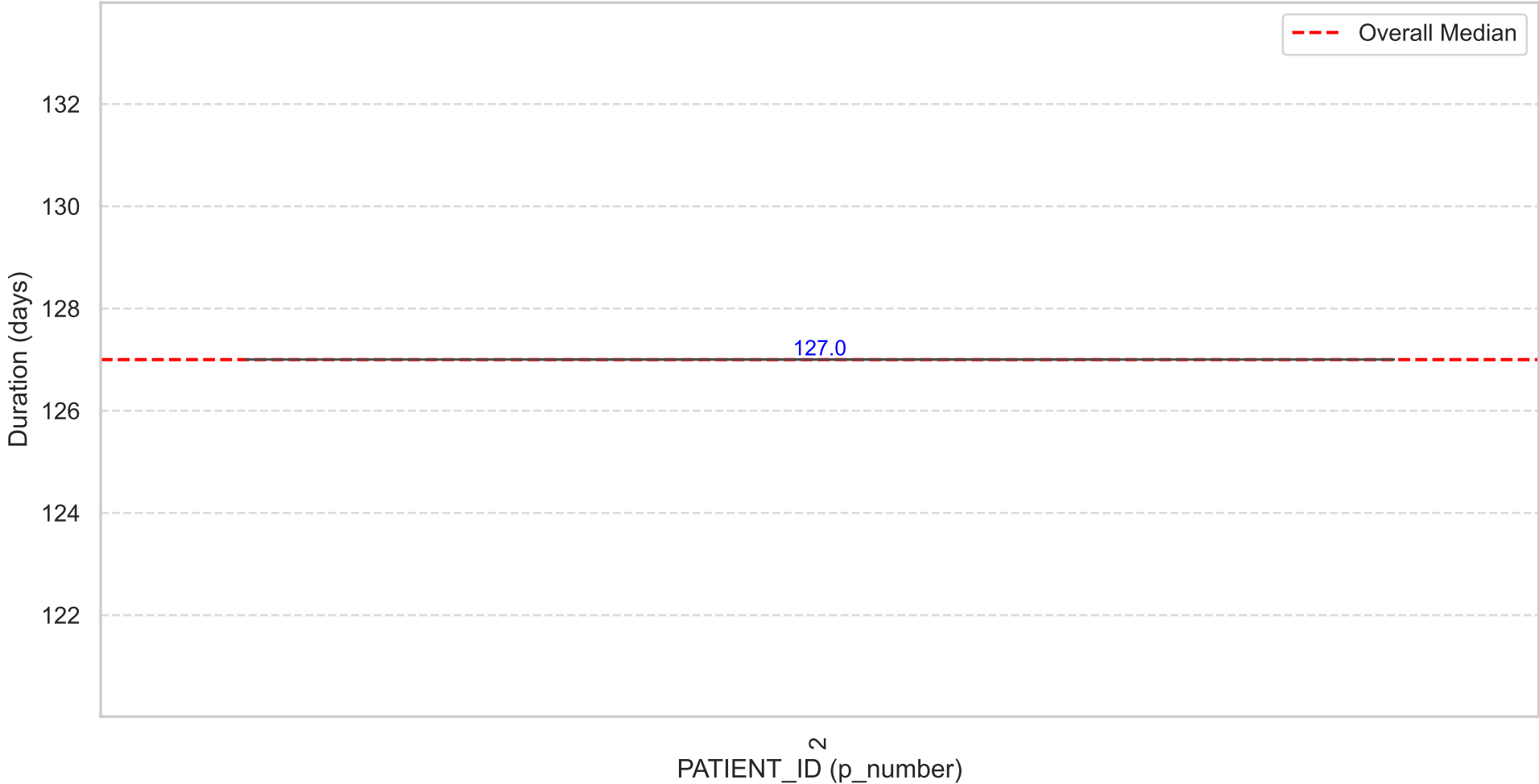
80% ECDF of Event Intervals



100% ECDF of Event Intervals

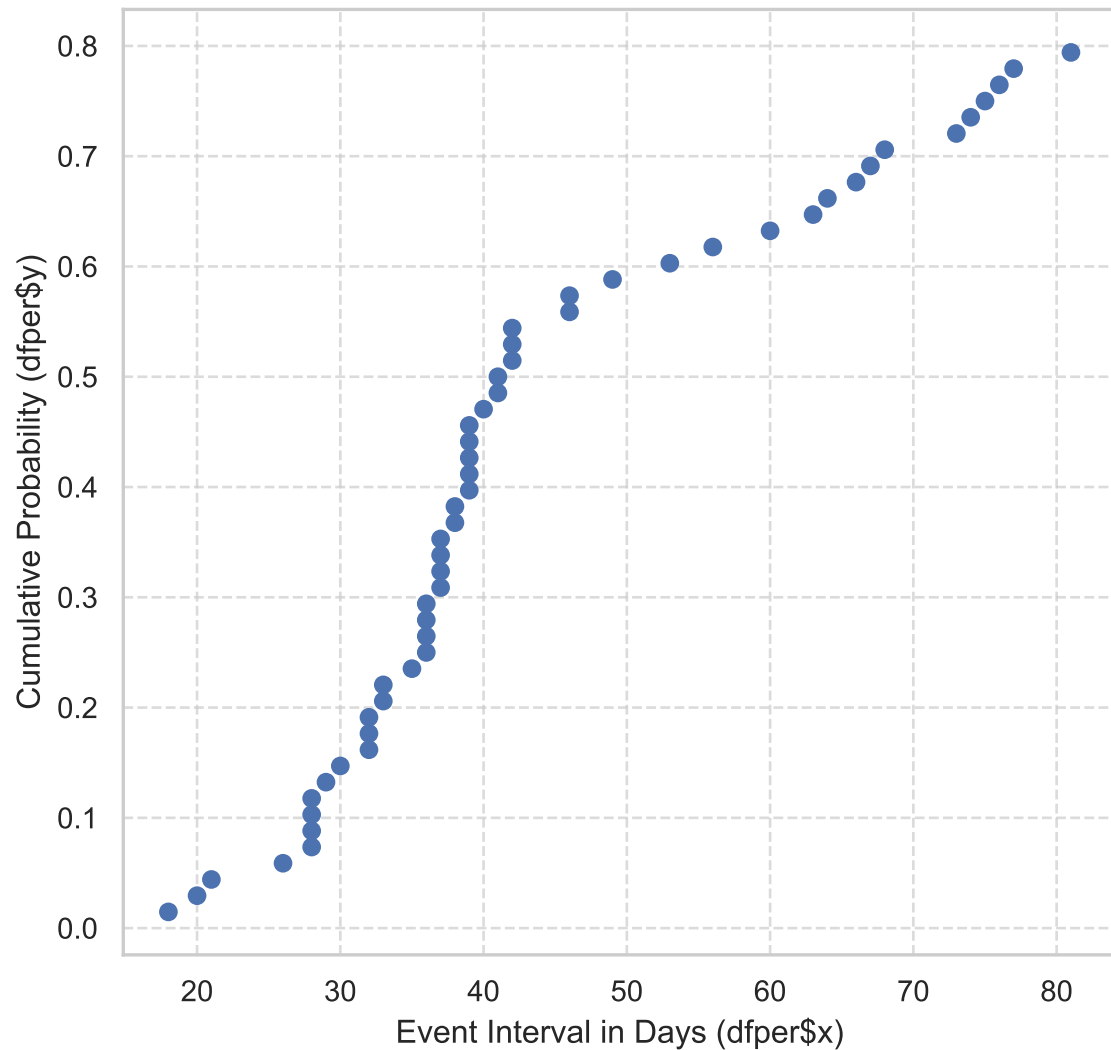


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

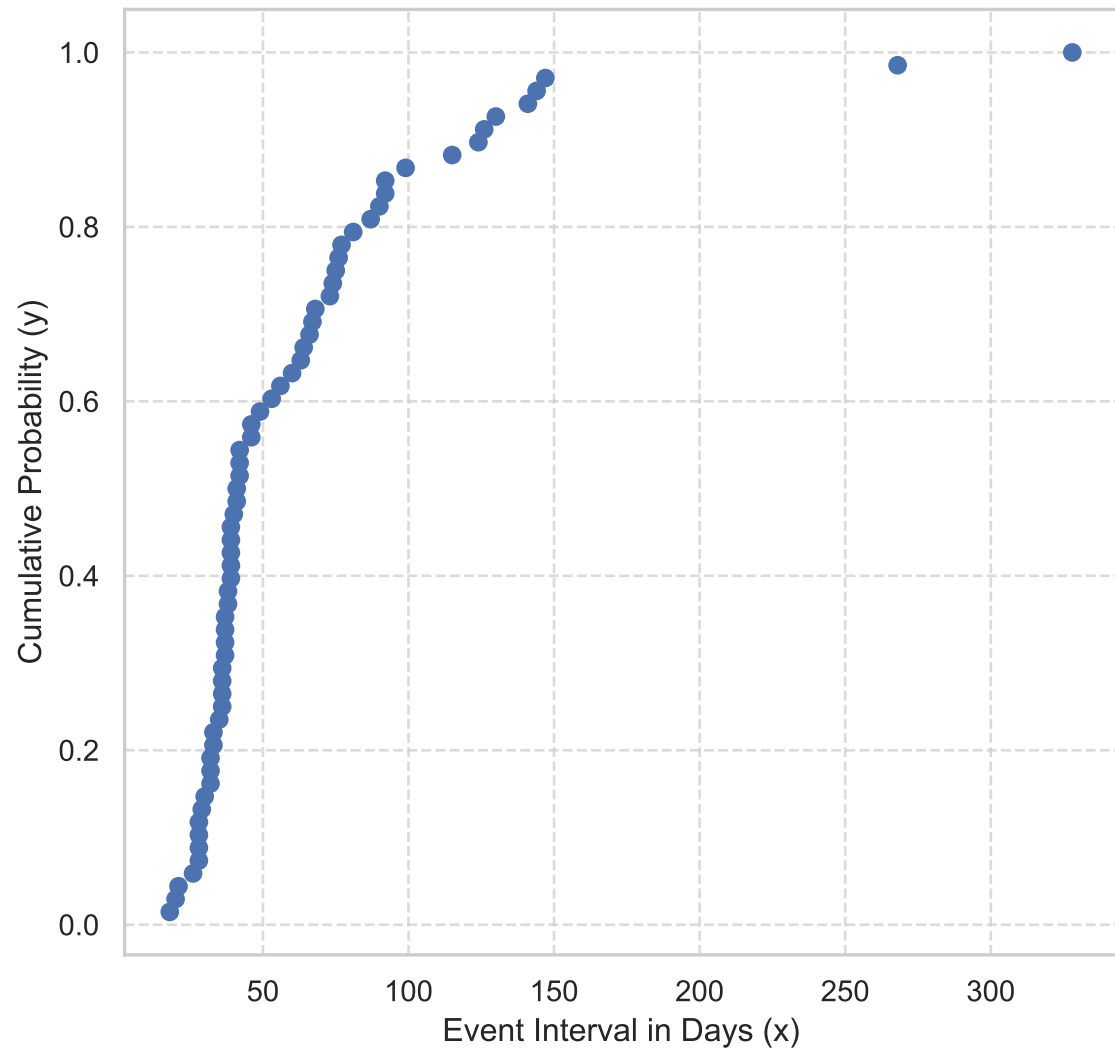


Category: R05CB13

80% ECDF of Event Intervals

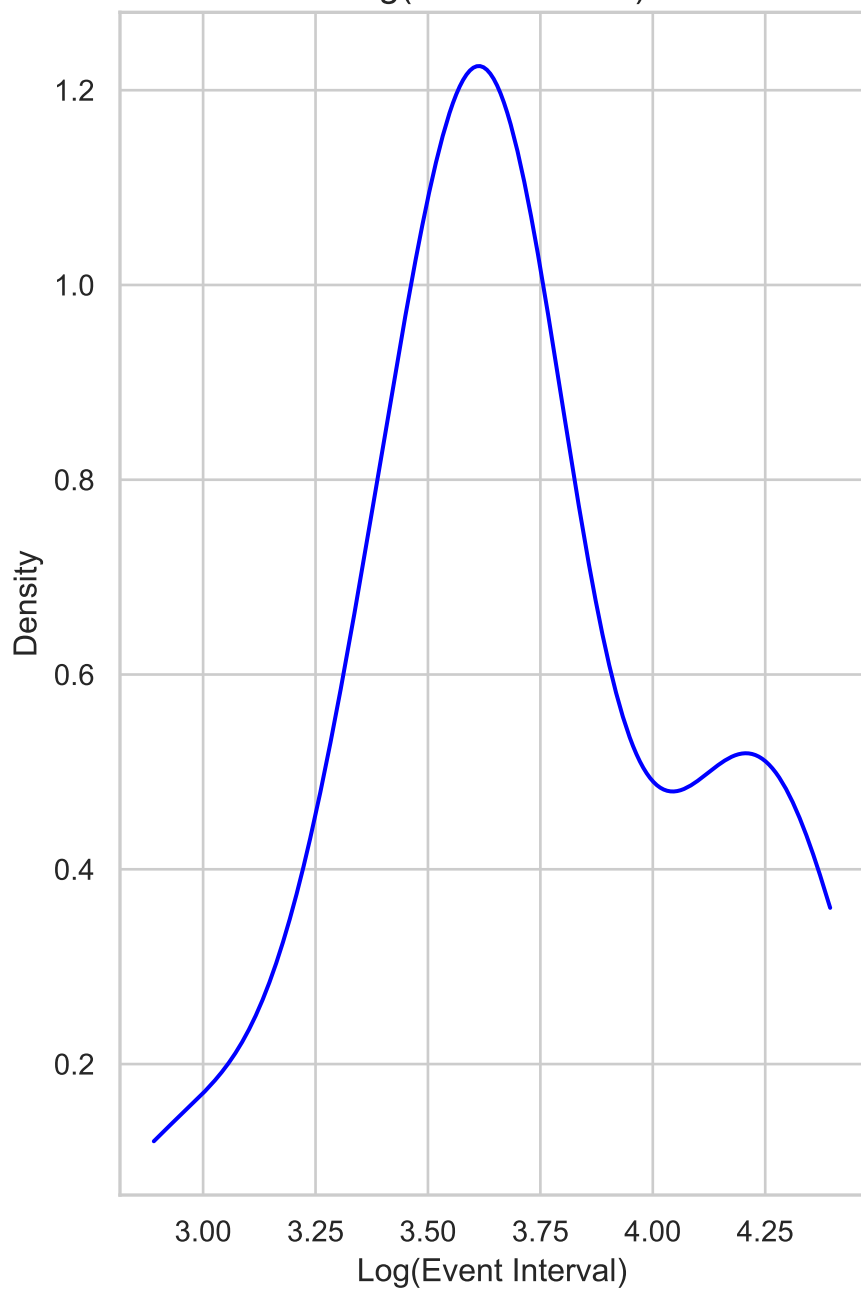


100% ECDF of Event Intervals





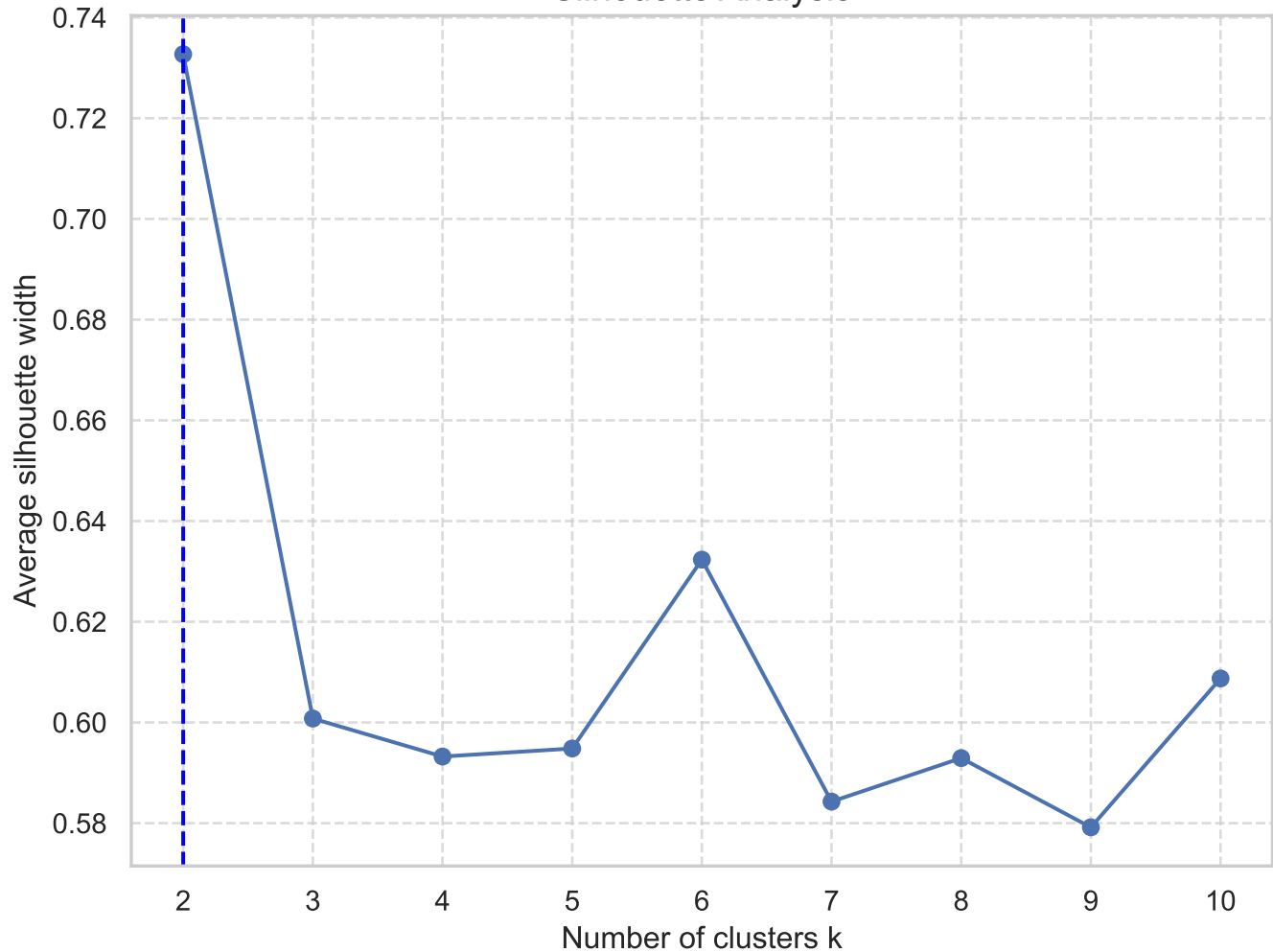
Log(event interval)



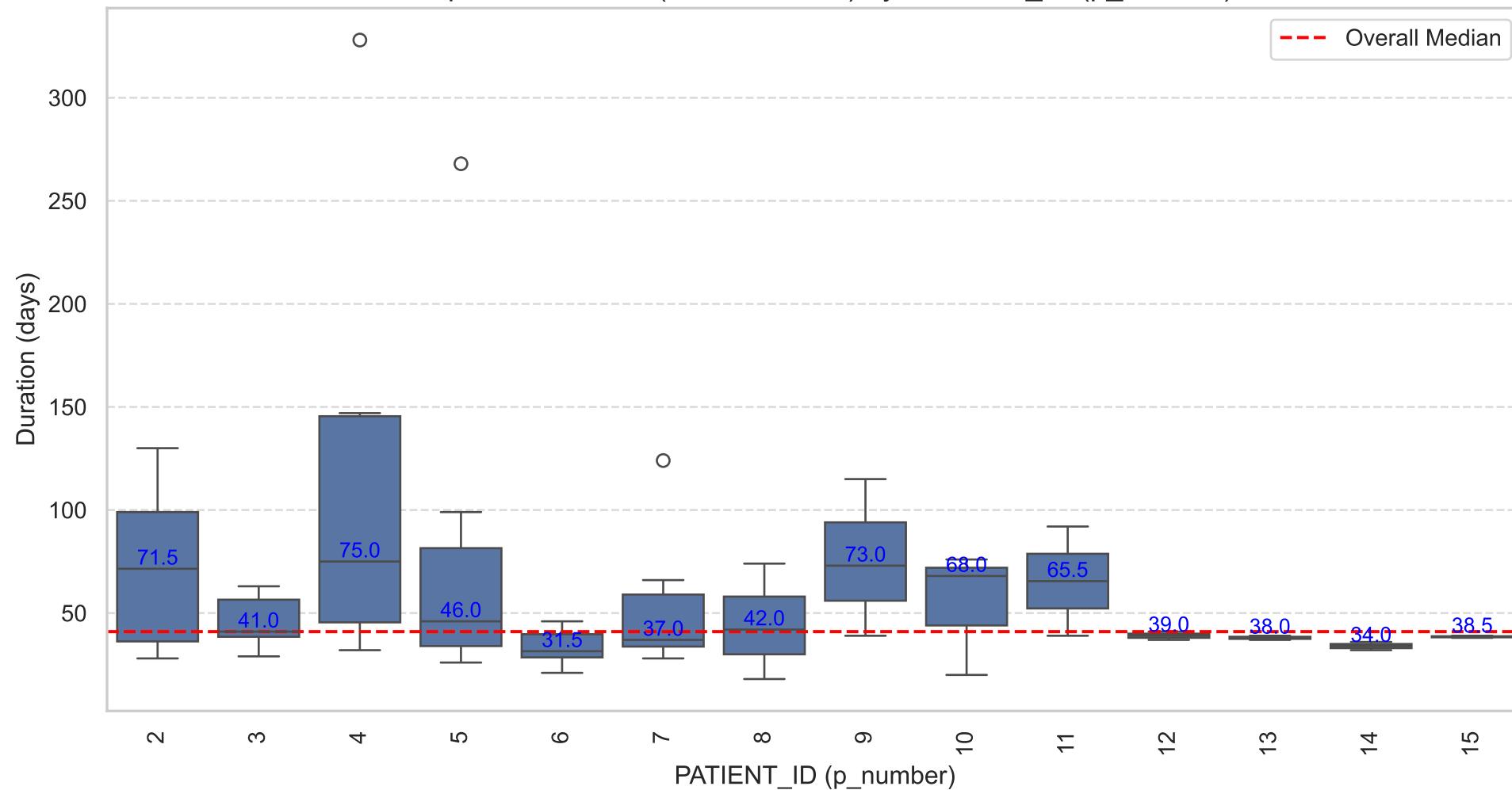
N = 54 Bandwidth = 0.1619

# Optimal number of clusters

## Silhouette Analysis

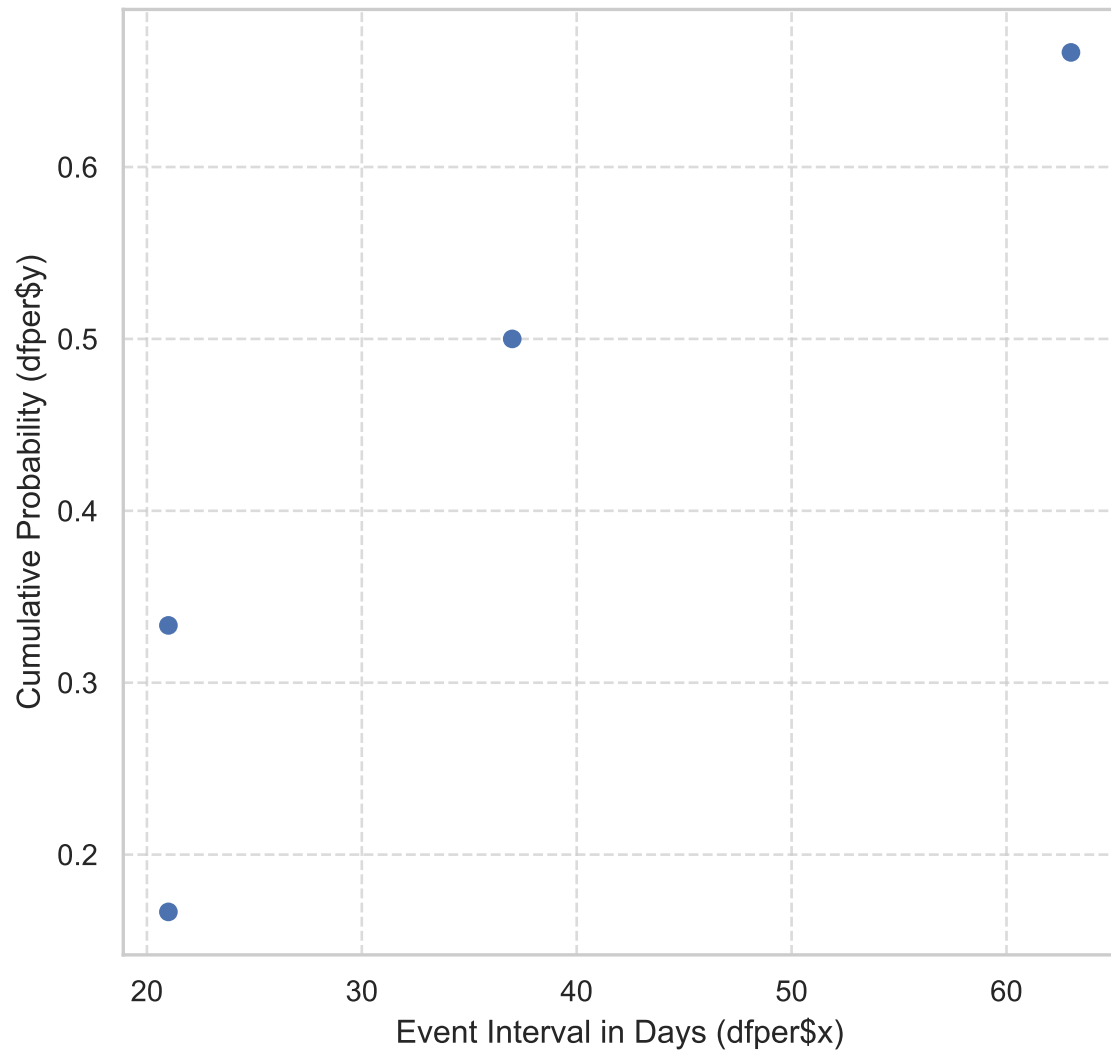


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

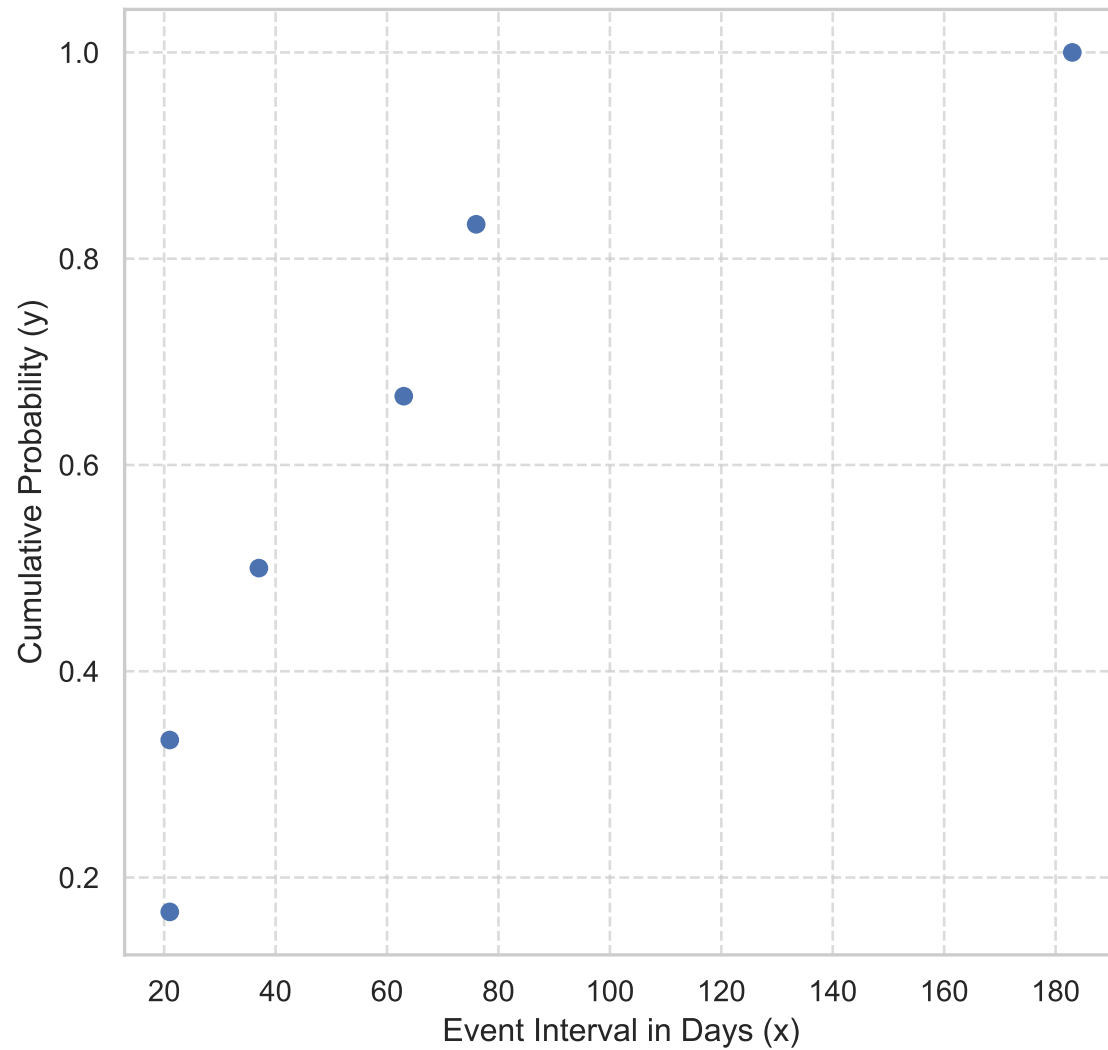


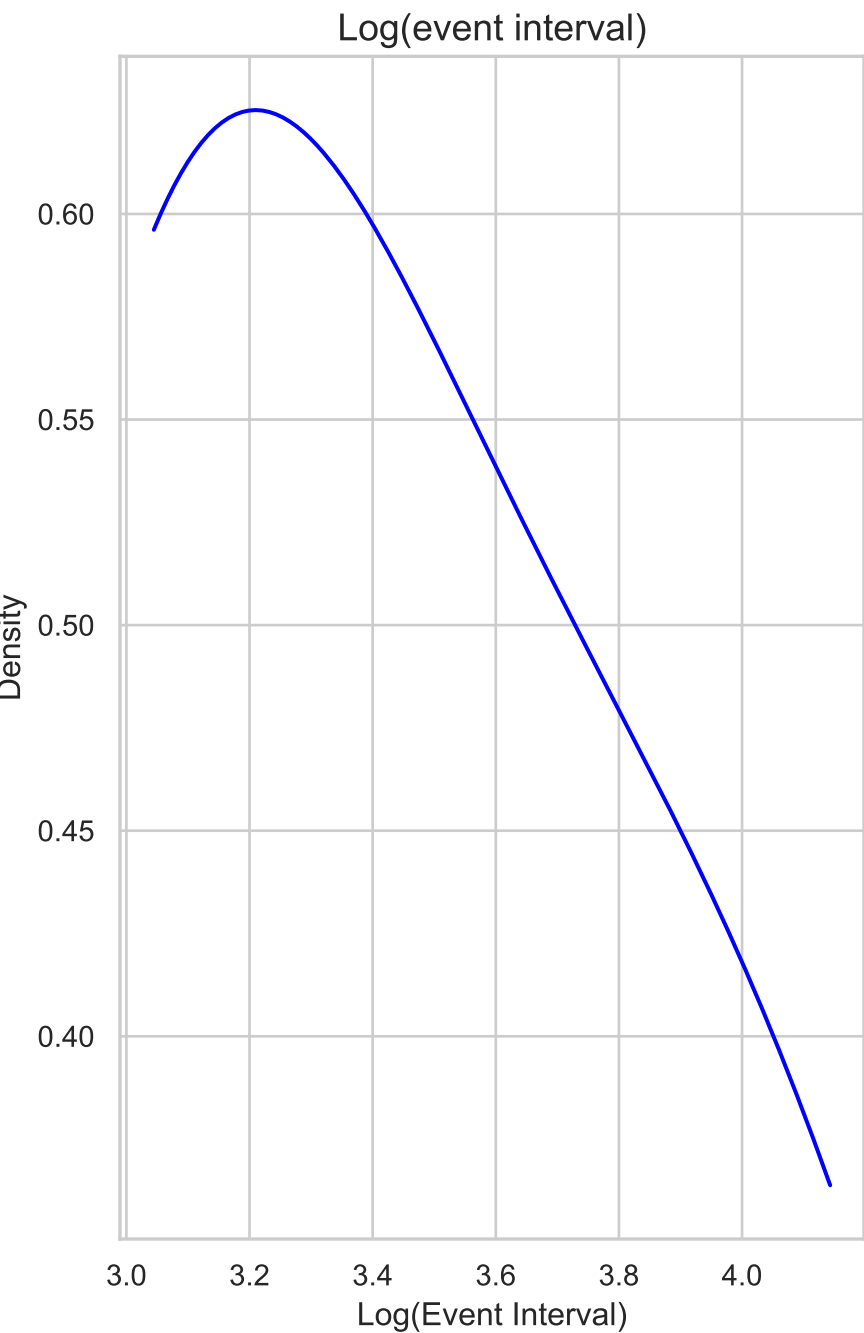
Category: R03BA05

80% ECDF of Event Intervals



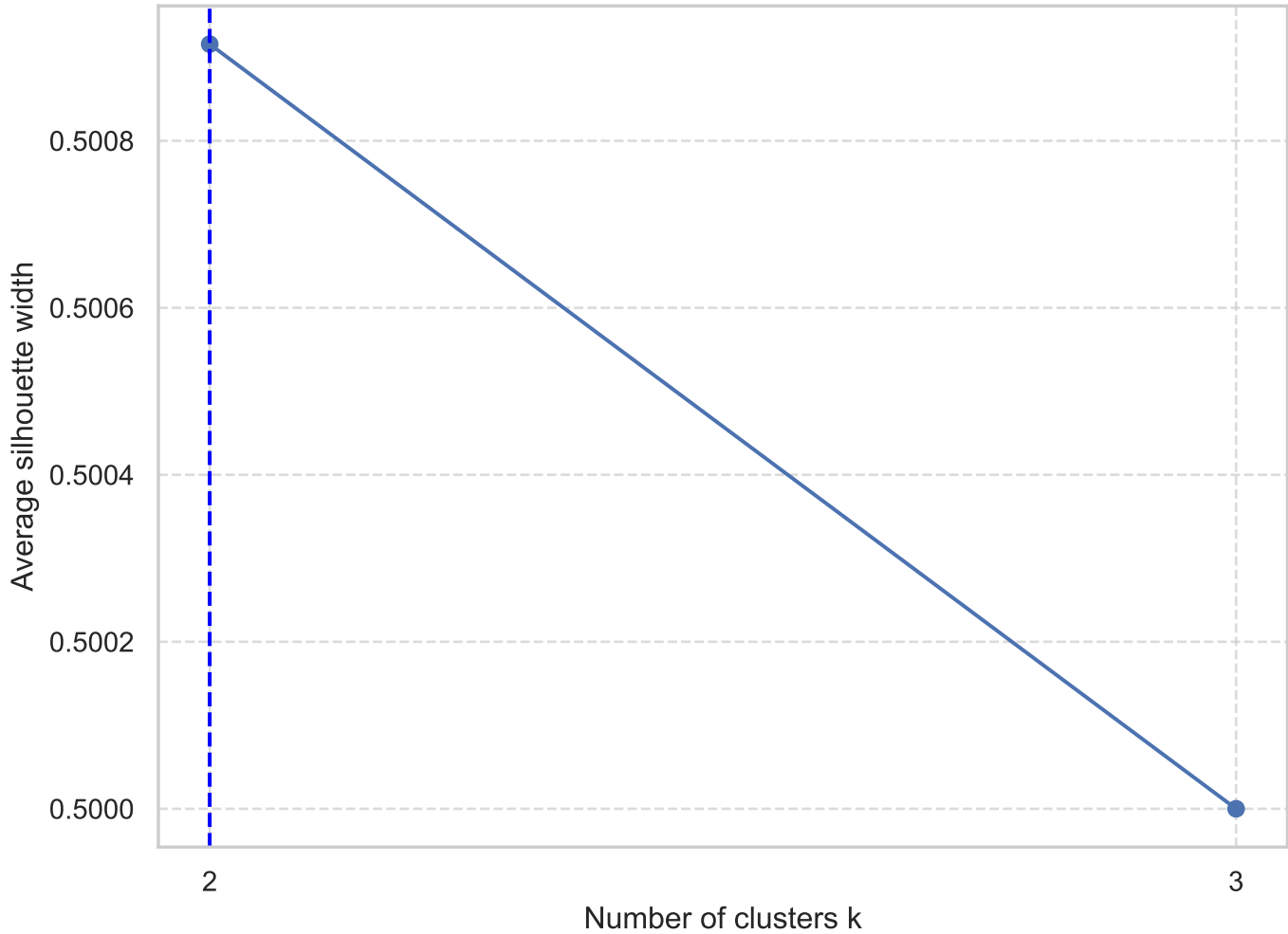
100% ECDF of Event Intervals



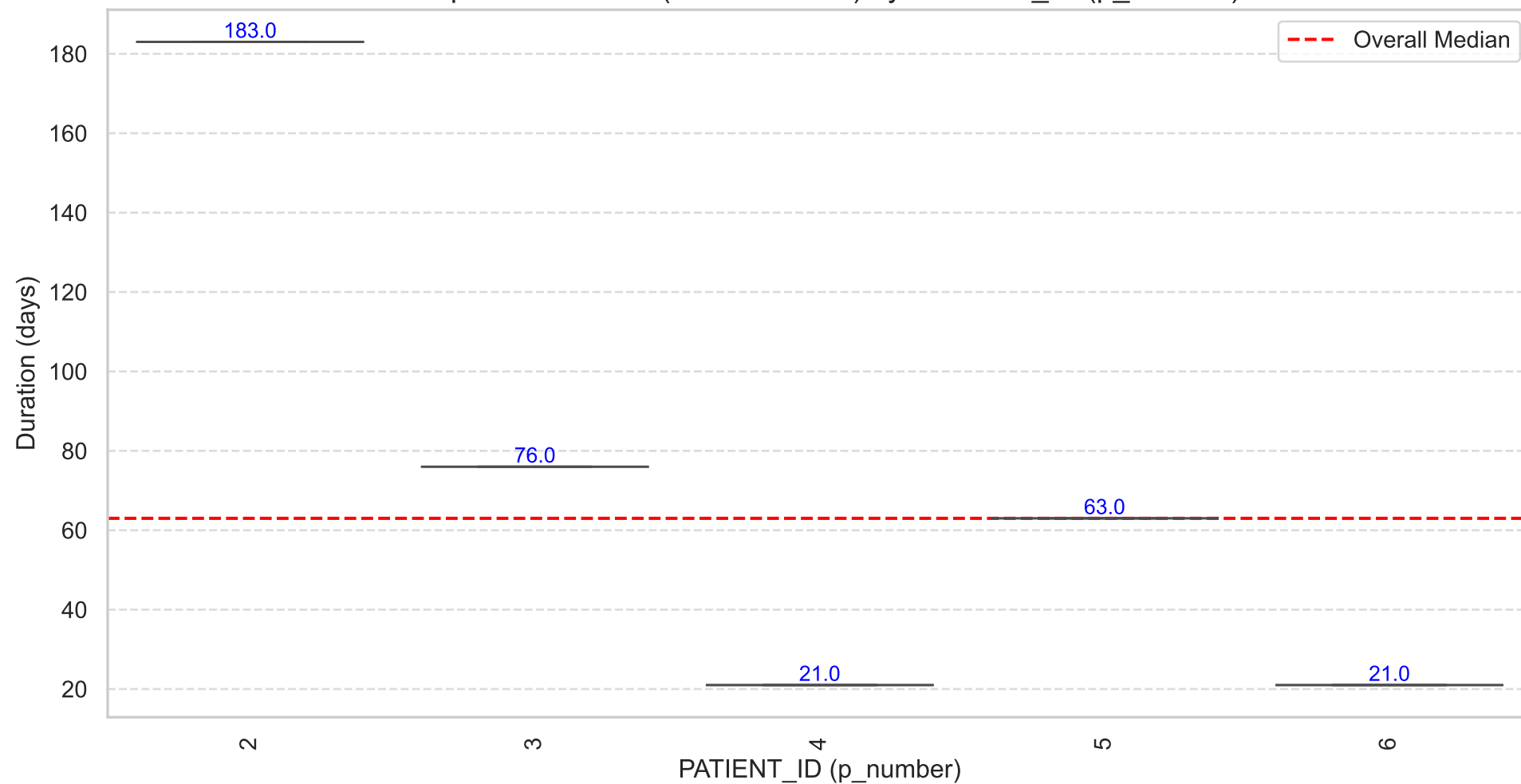


N = 4 Bandwidth = 0.3998

# Optimal number of clusters Silhouette Analysis



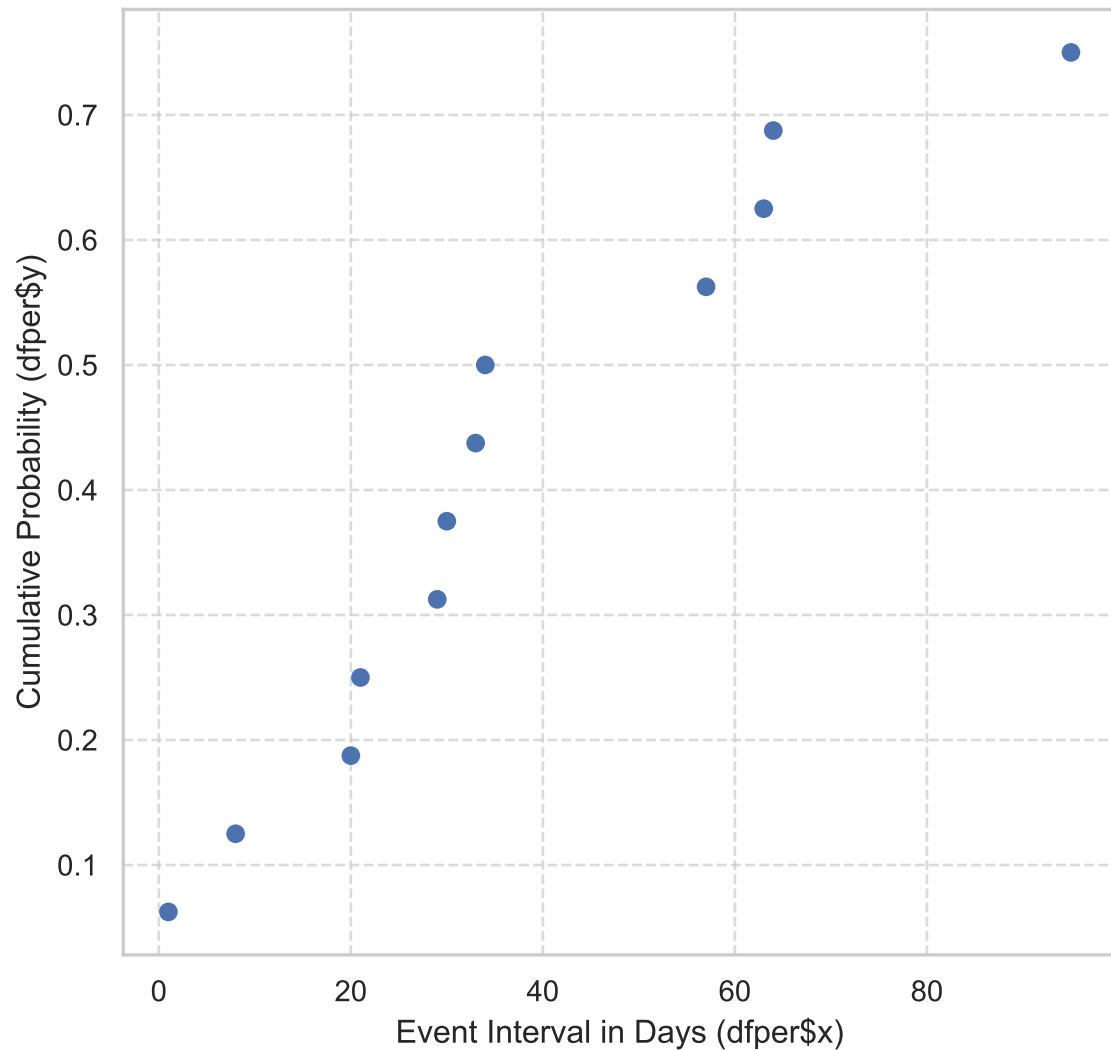
Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)



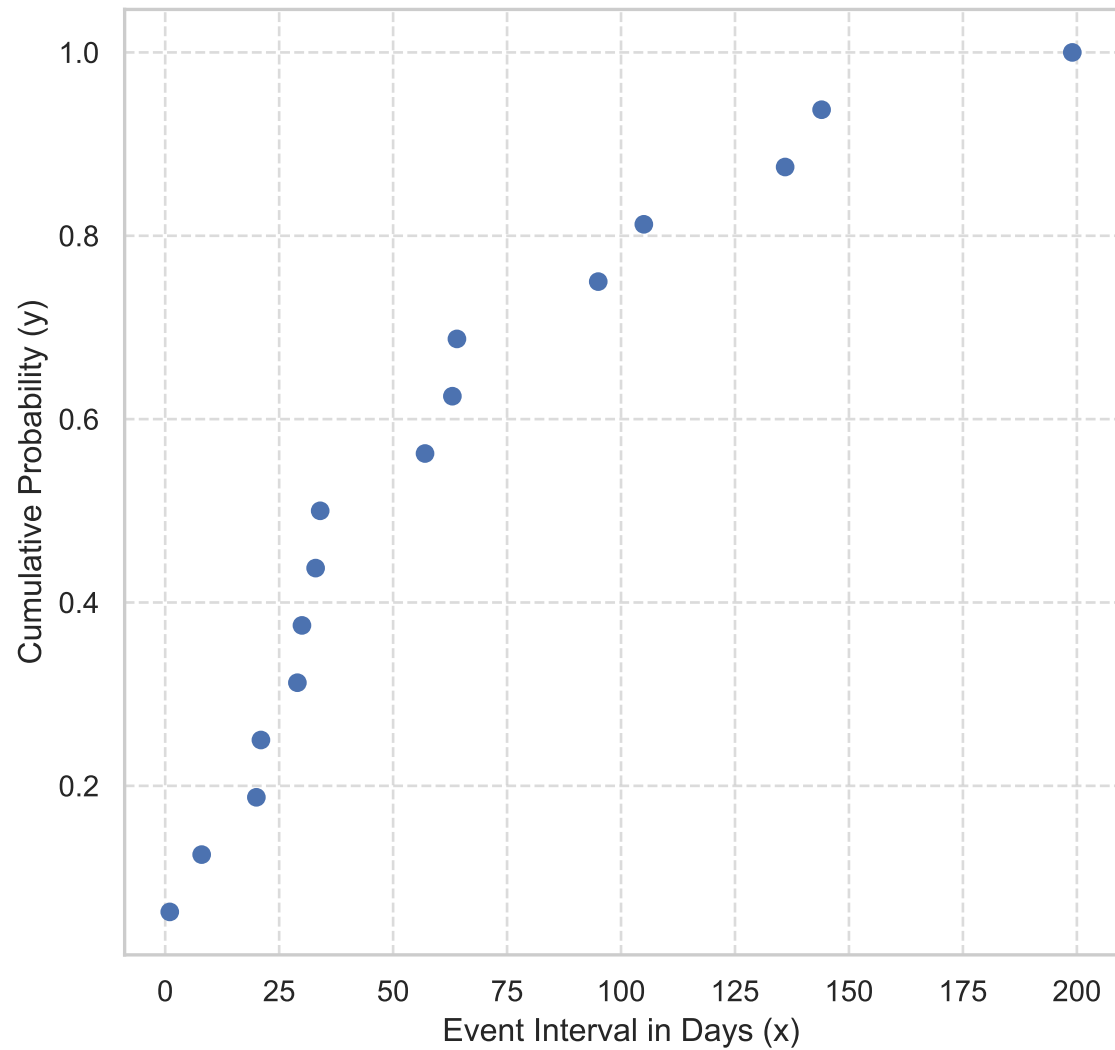


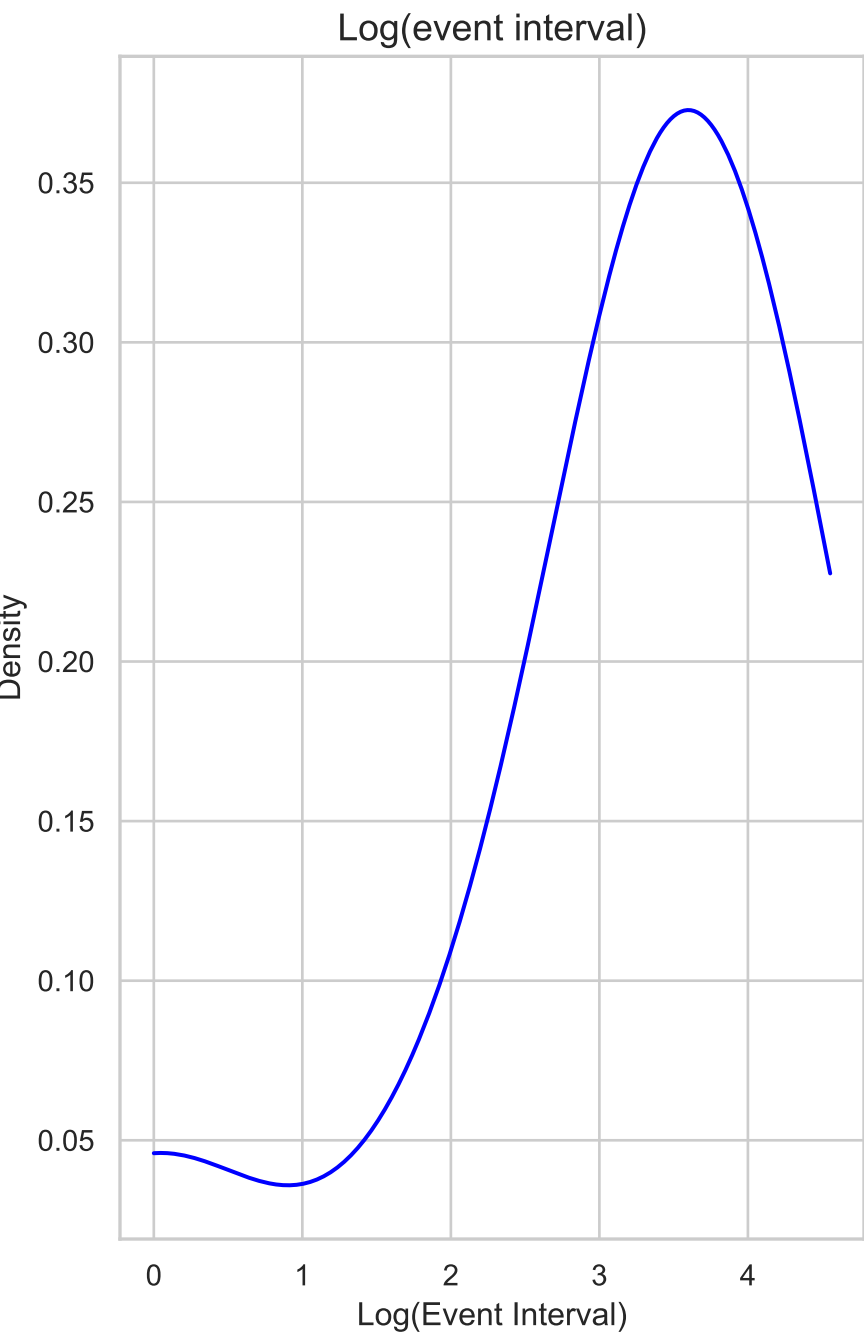
Category: A10AB05

80% ECDF of Event Intervals



100% ECDF of Event Intervals

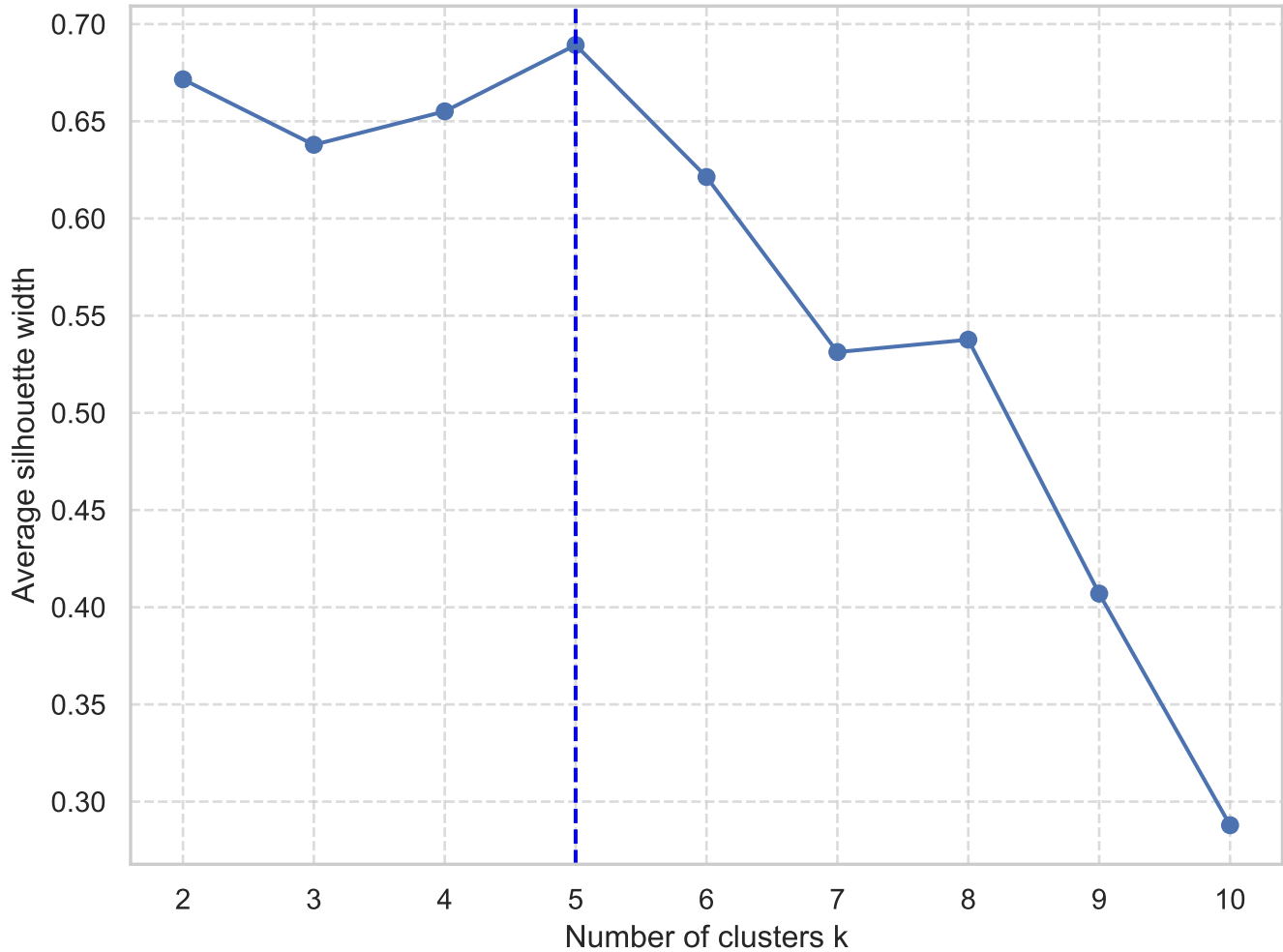




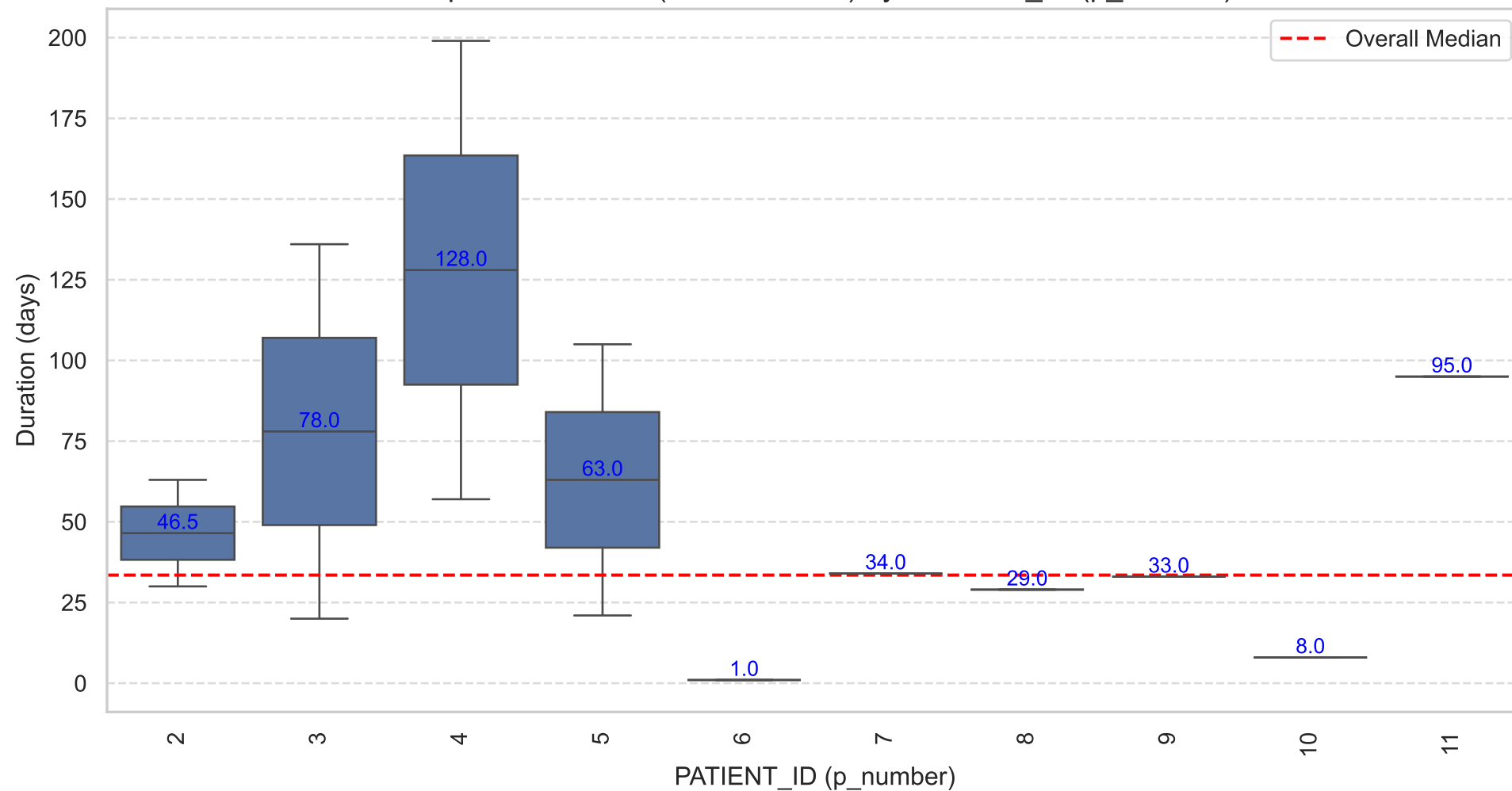
N = 12 Bandwidth = 0.7374

# Optimal number of clusters

## Silhouette Analysis

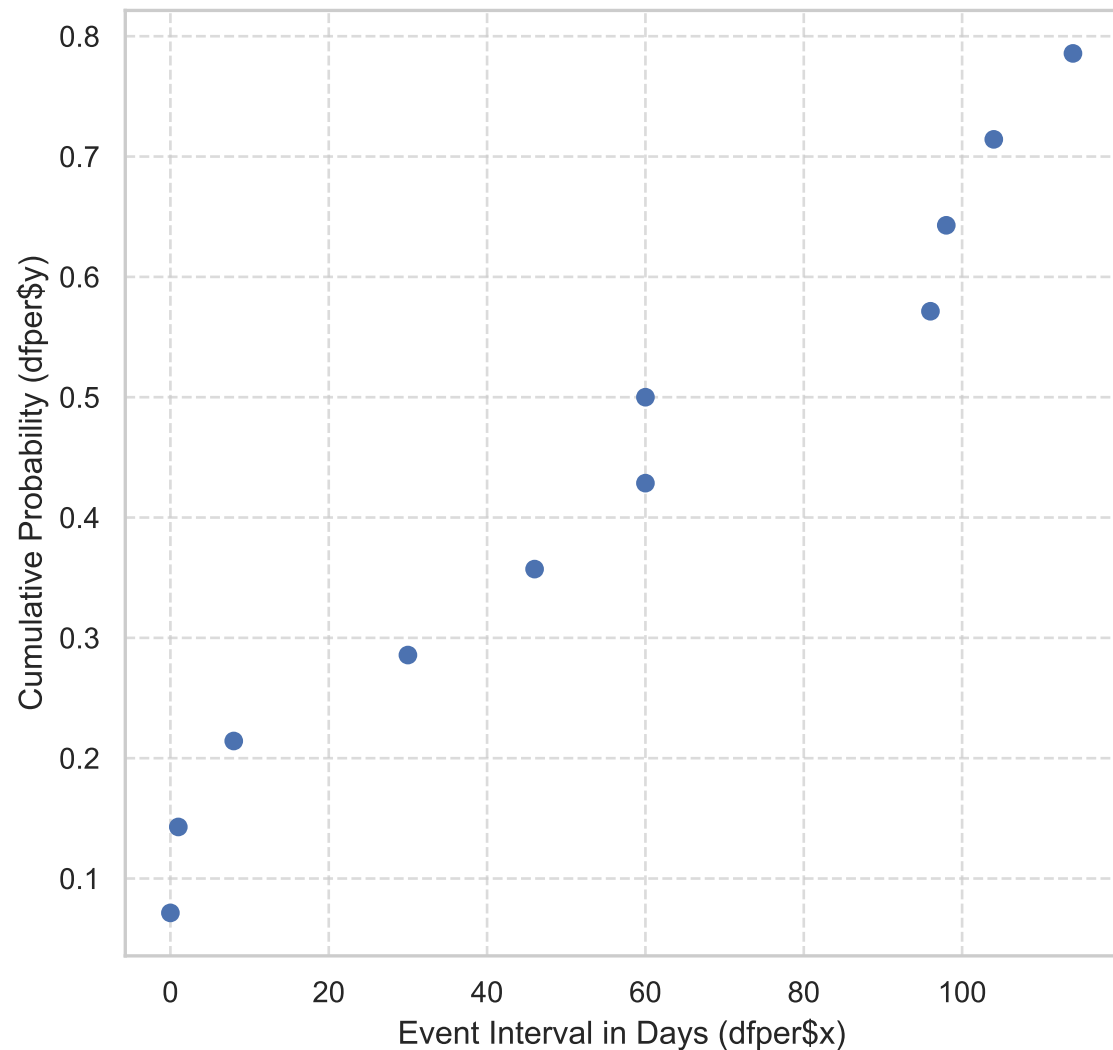


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

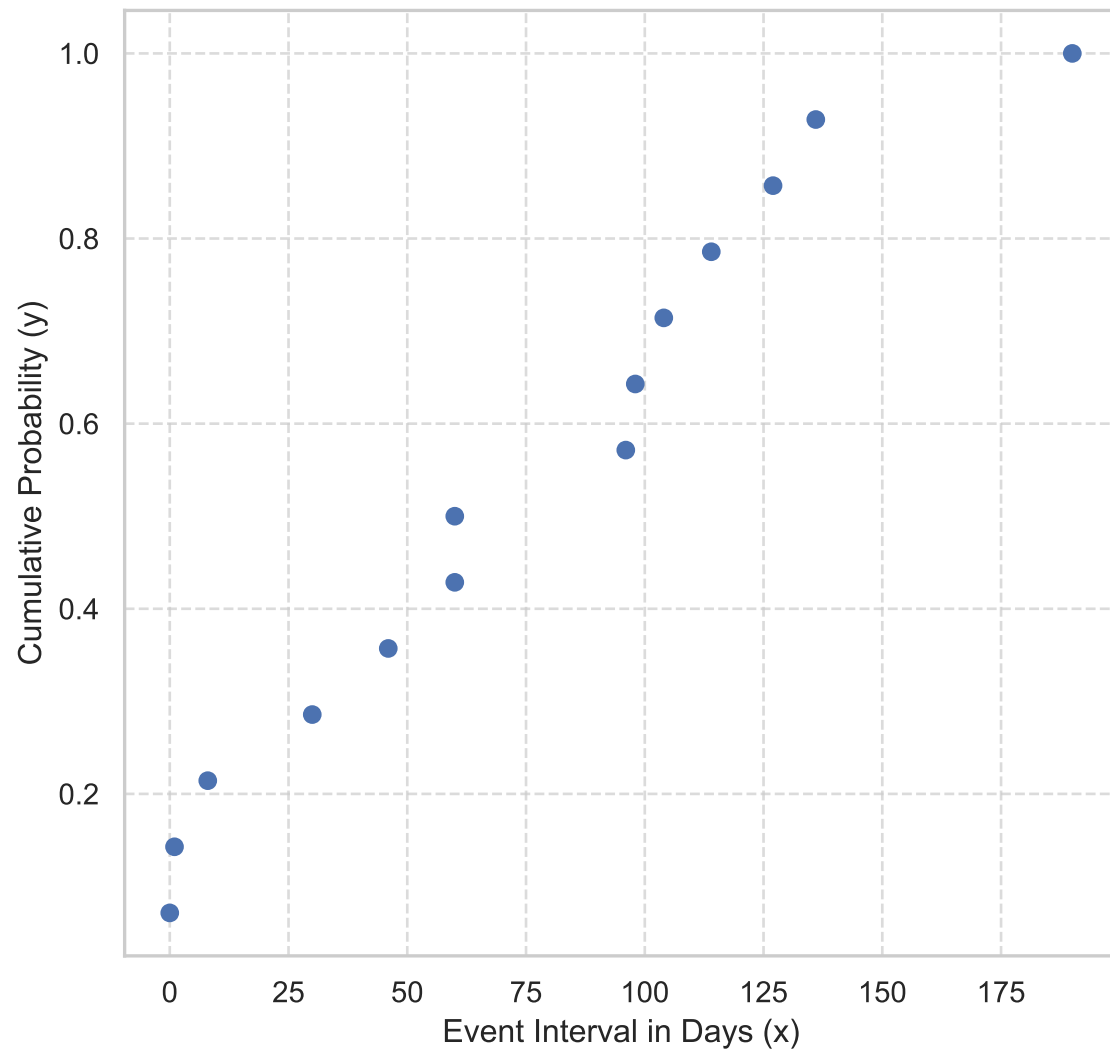


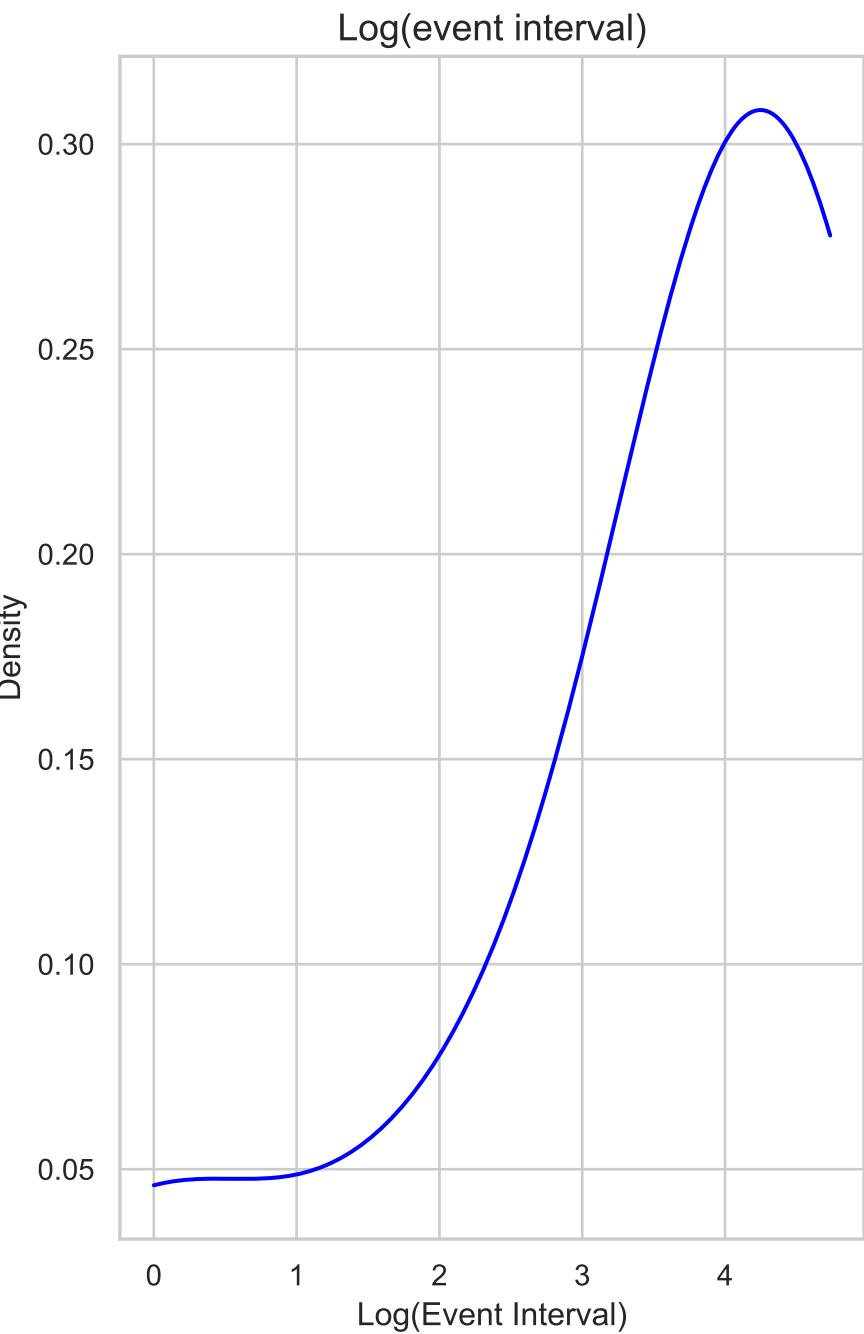
Category: A10AE04

80% ECDF of Event Intervals



100% ECDF of Event Intervals

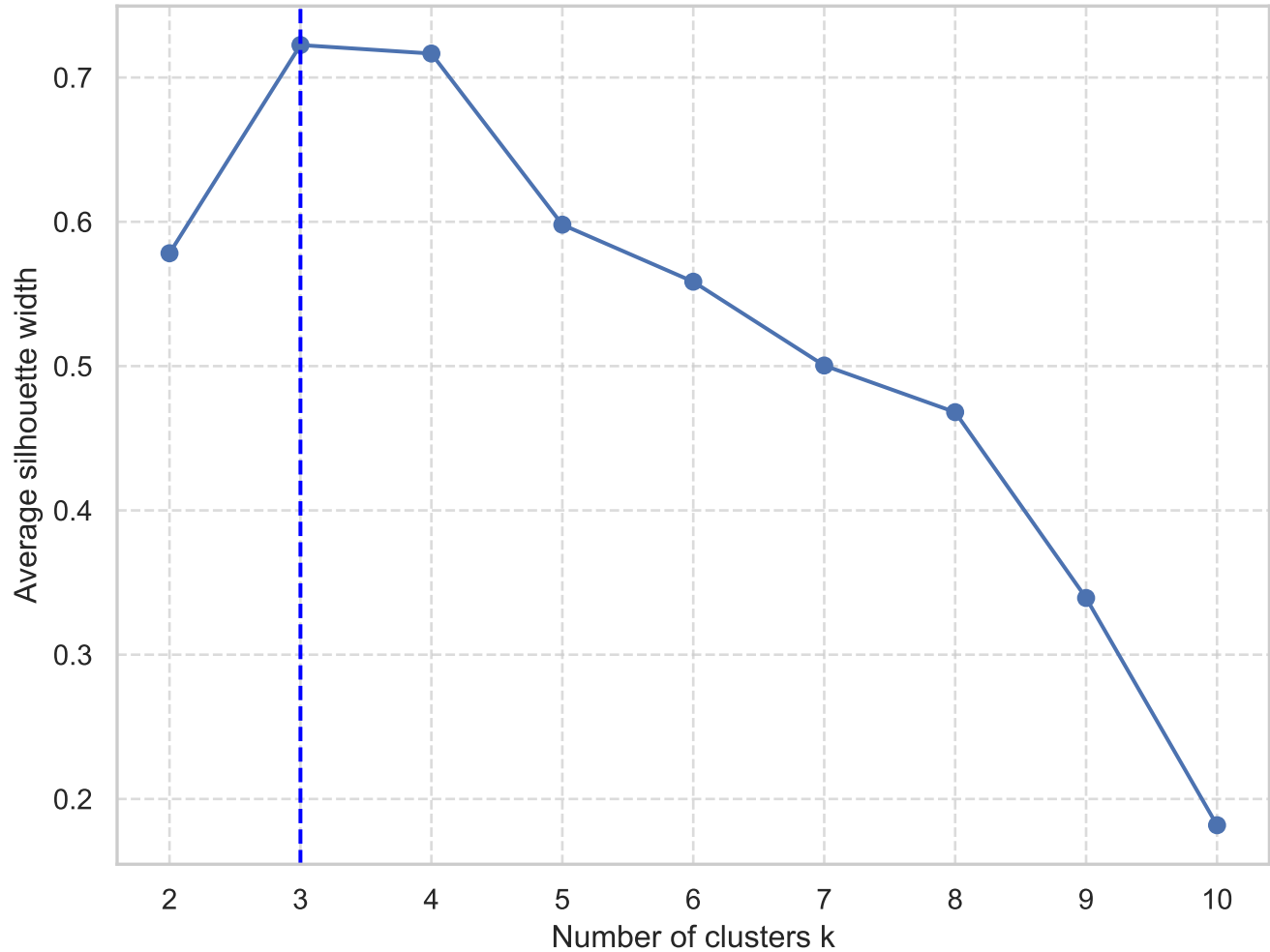




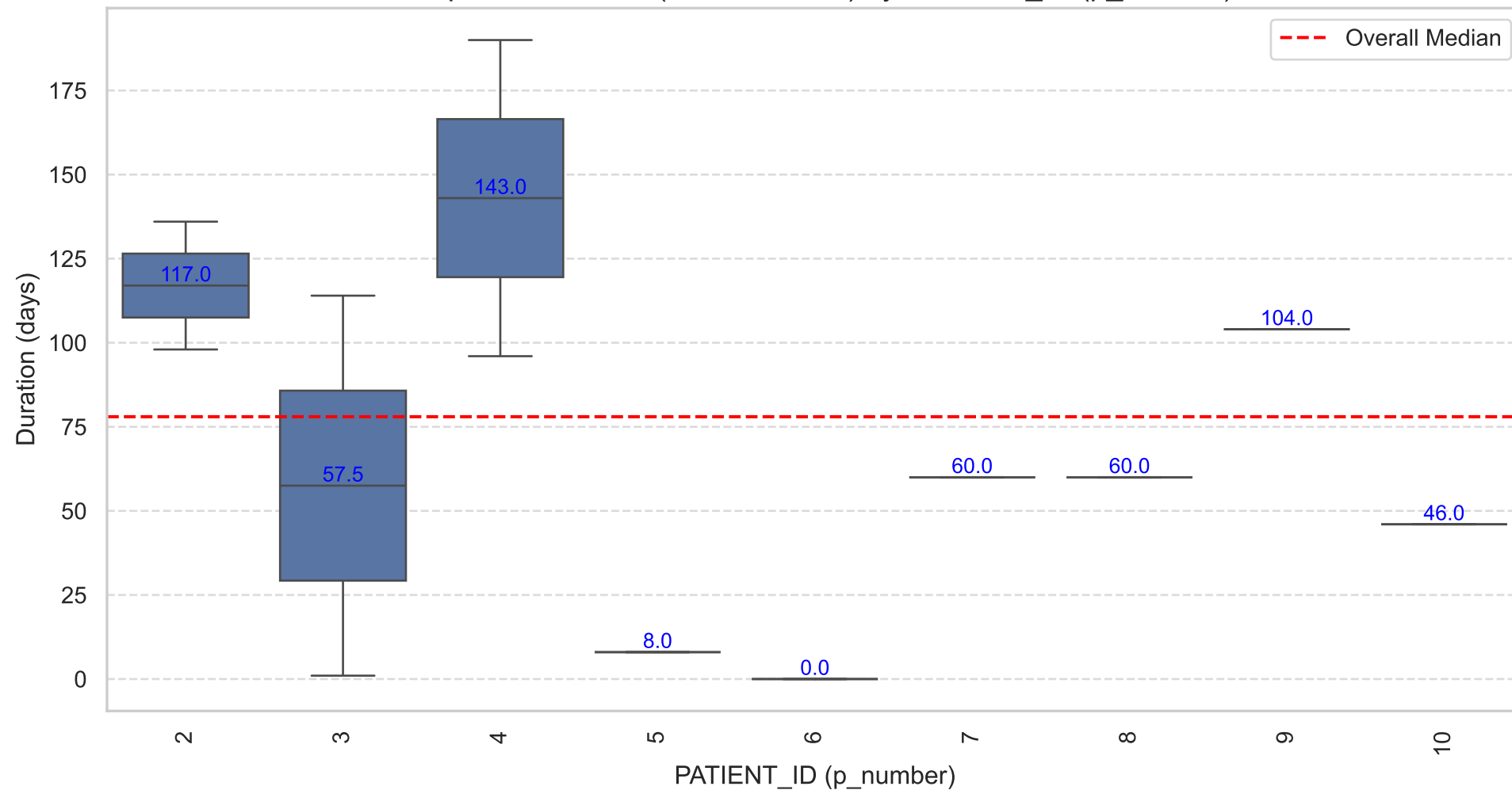
N = 10 Bandwidth = 0.9437



Optimal number of clusters  
Silhouette Analysis

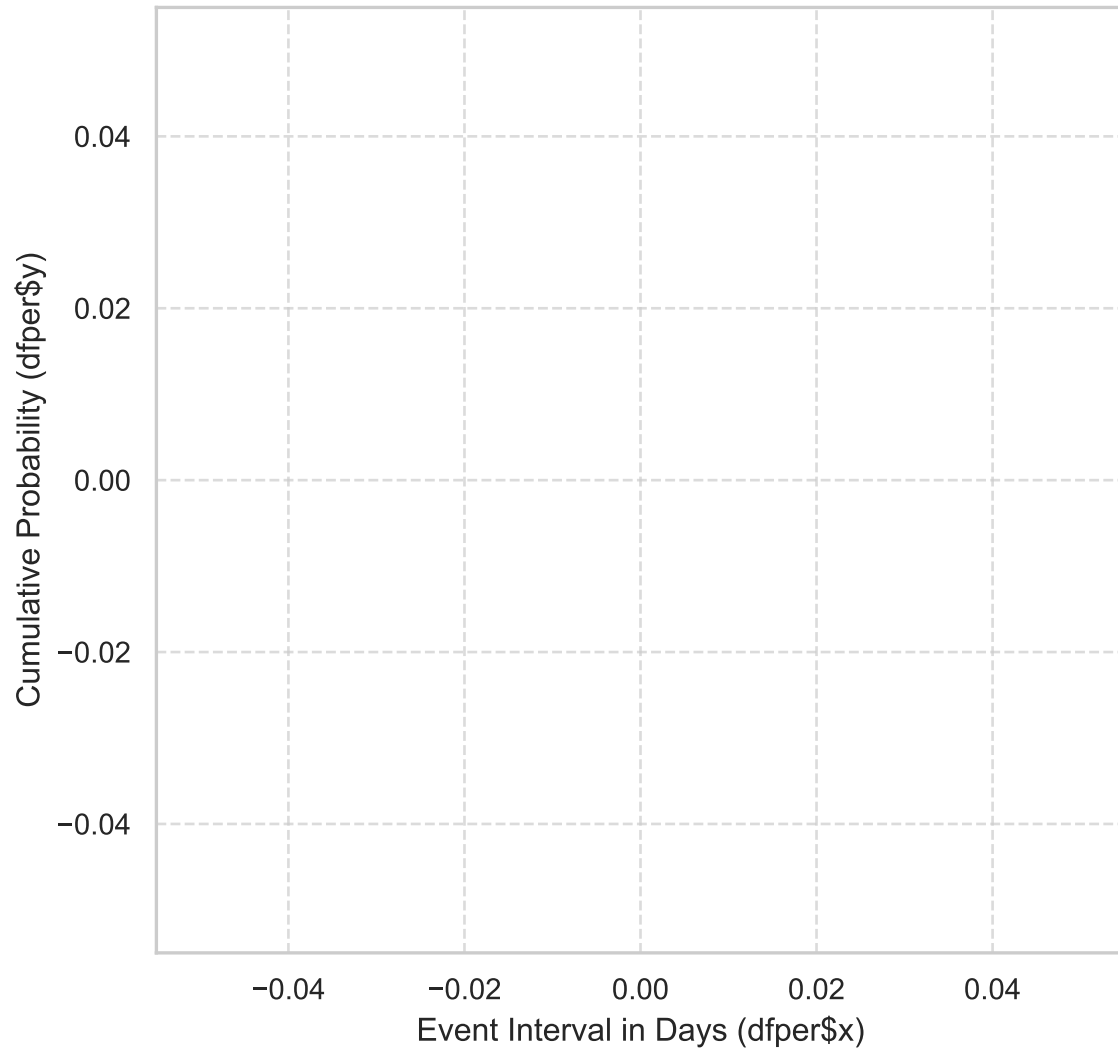


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

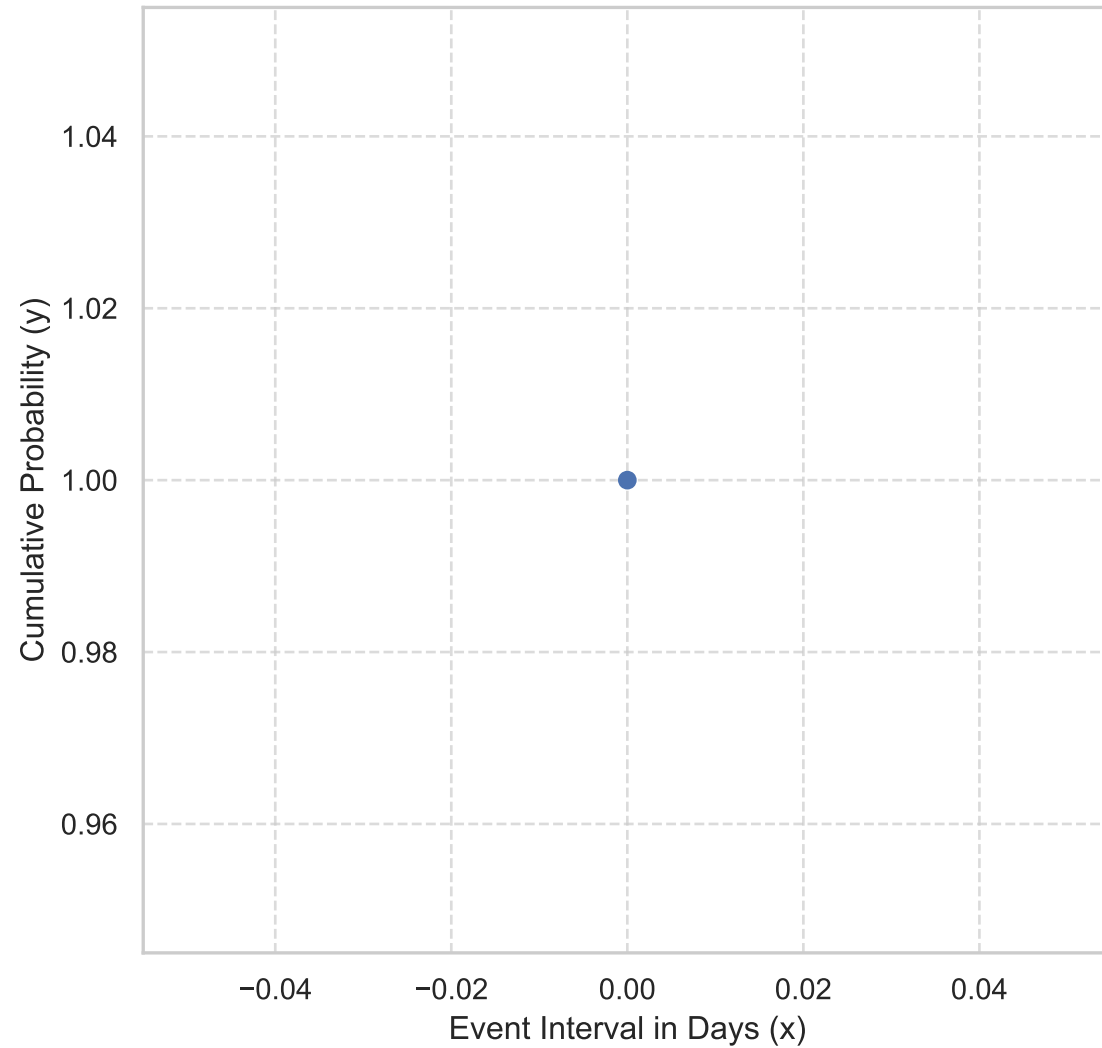


Category: J01CR02

80% ECDF of Event Intervals

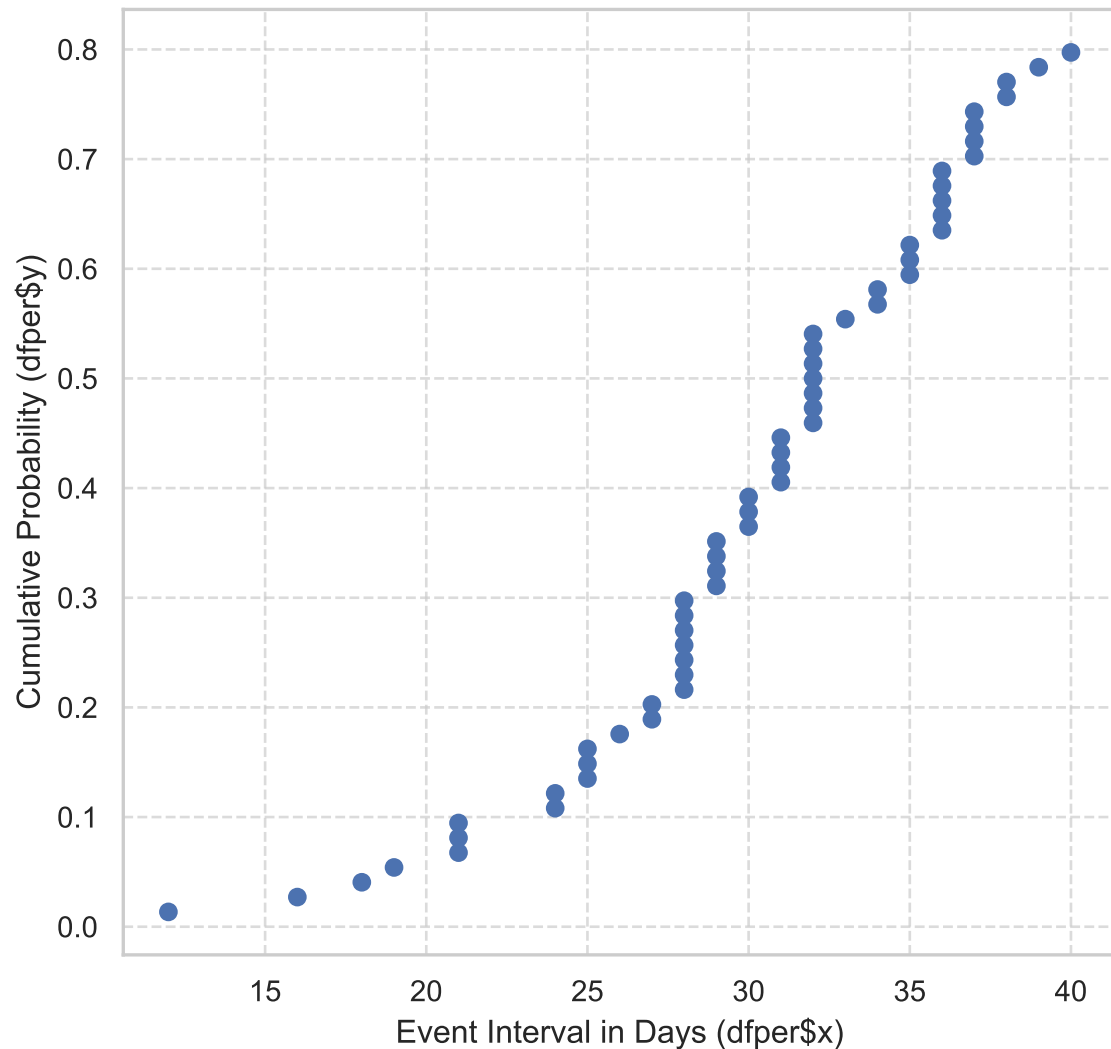


100% ECDF of Event Intervals

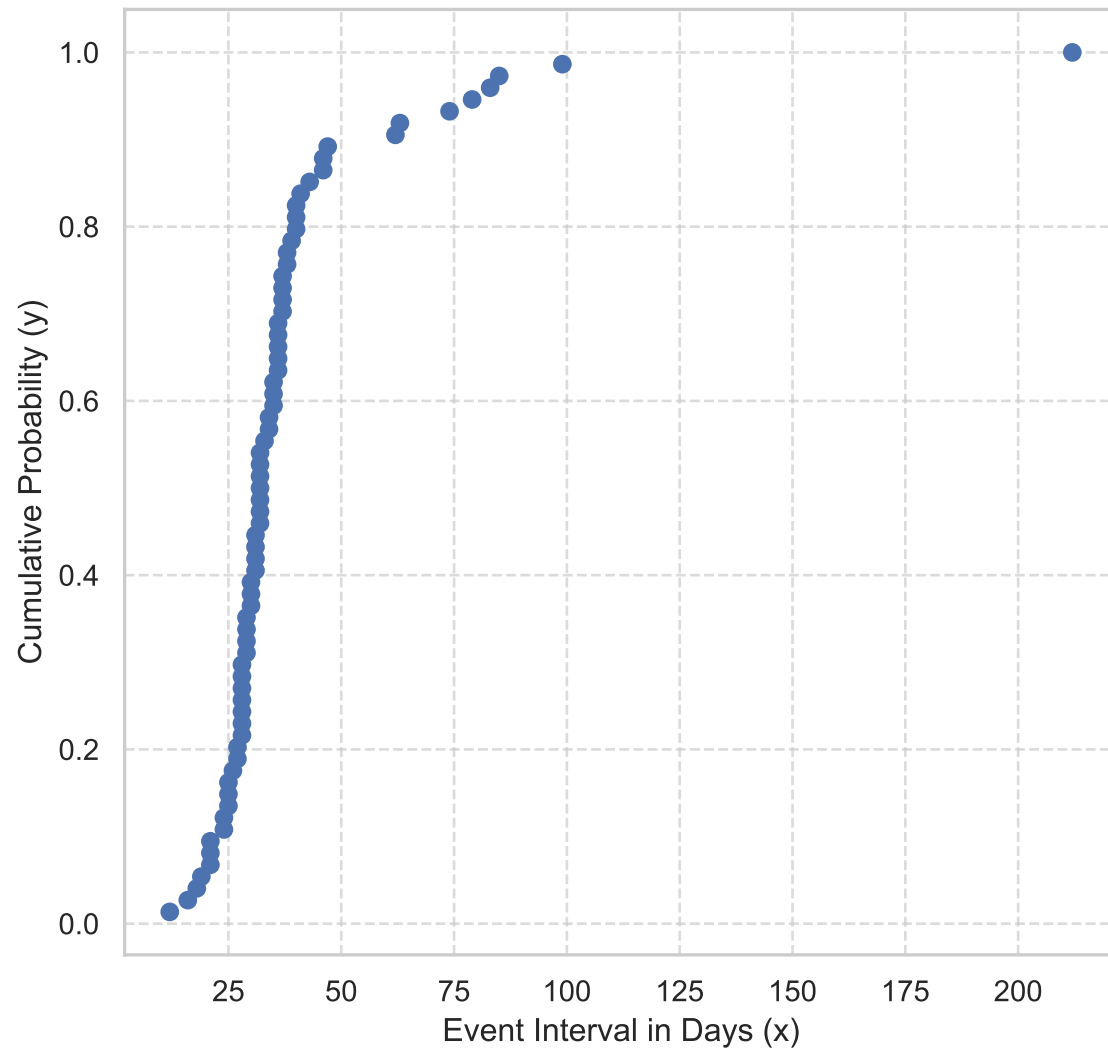


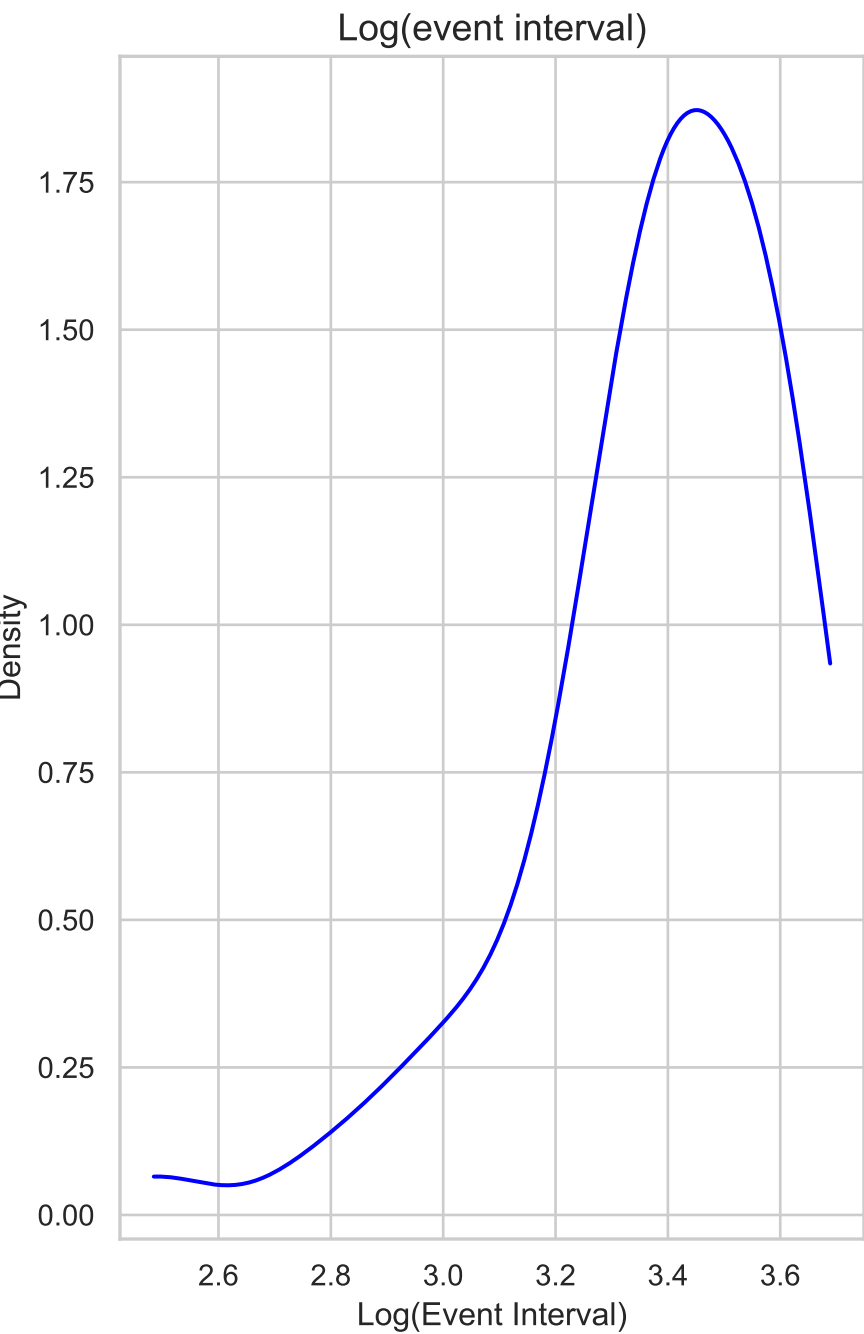
Category: A02BC05

80% ECDF of Event Intervals



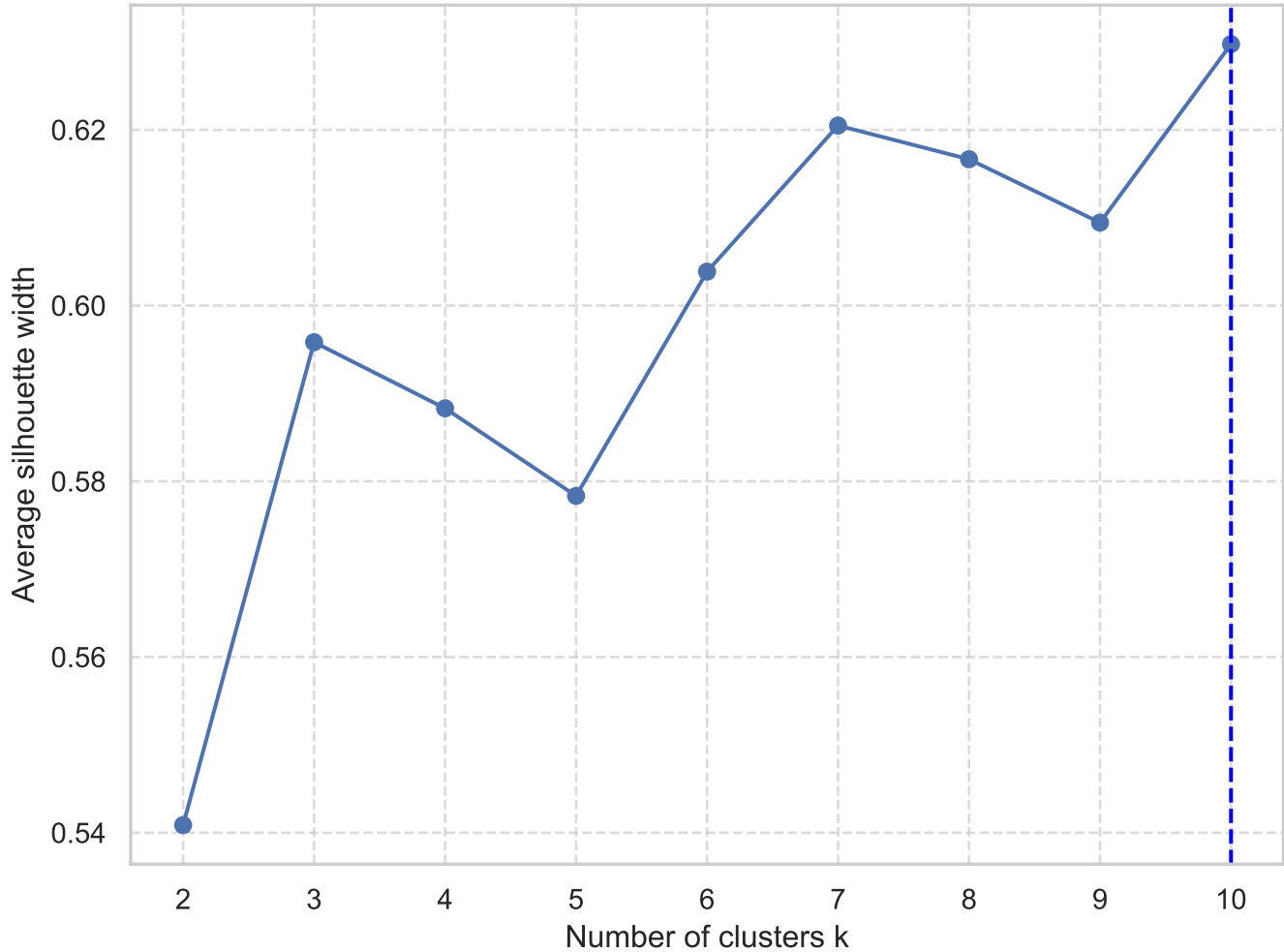
100% ECDF of Event Intervals





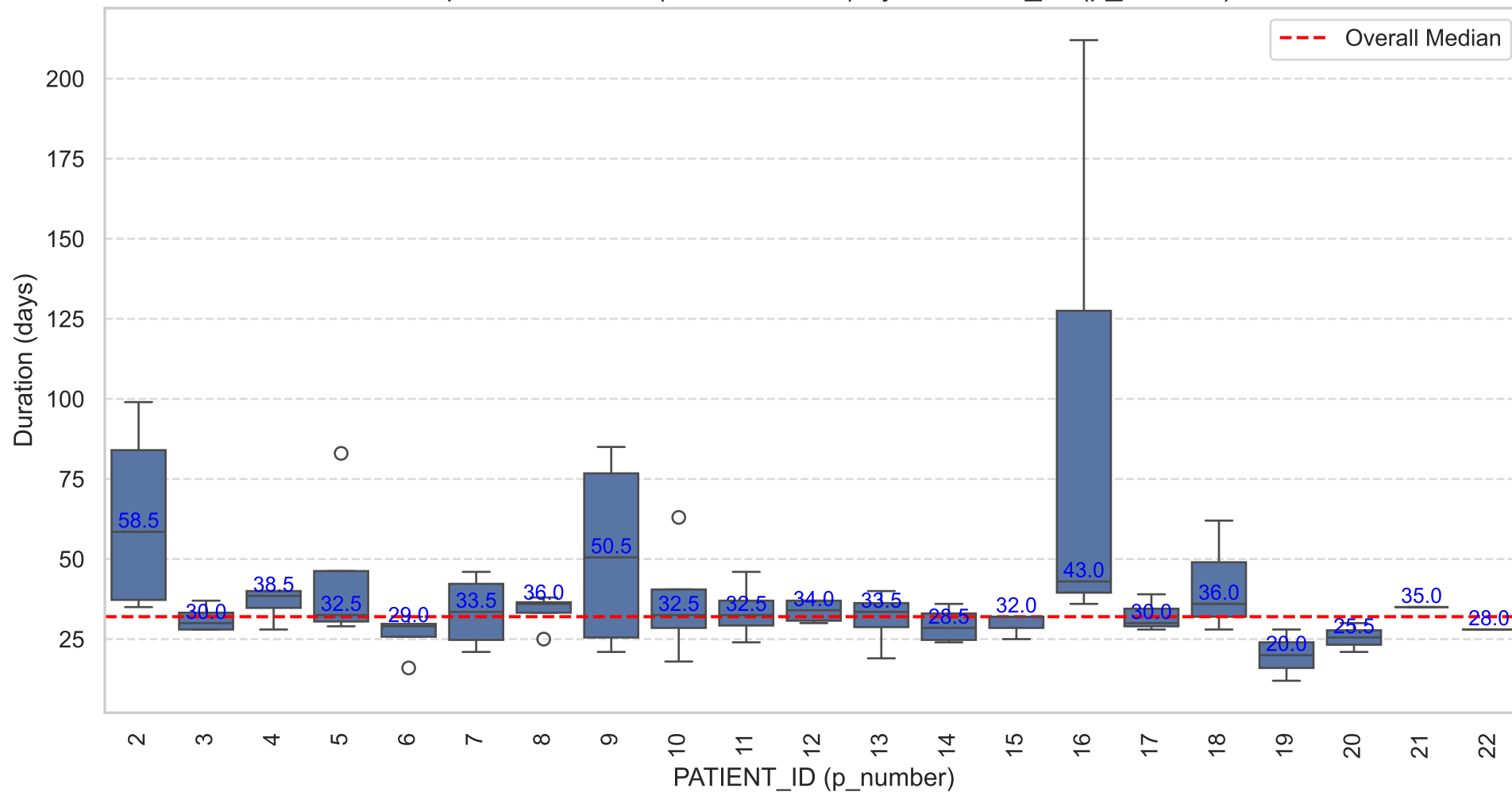
N = 61 Bandwidth = 0.1026

# Optimal number of clusters Silhouette Analysis



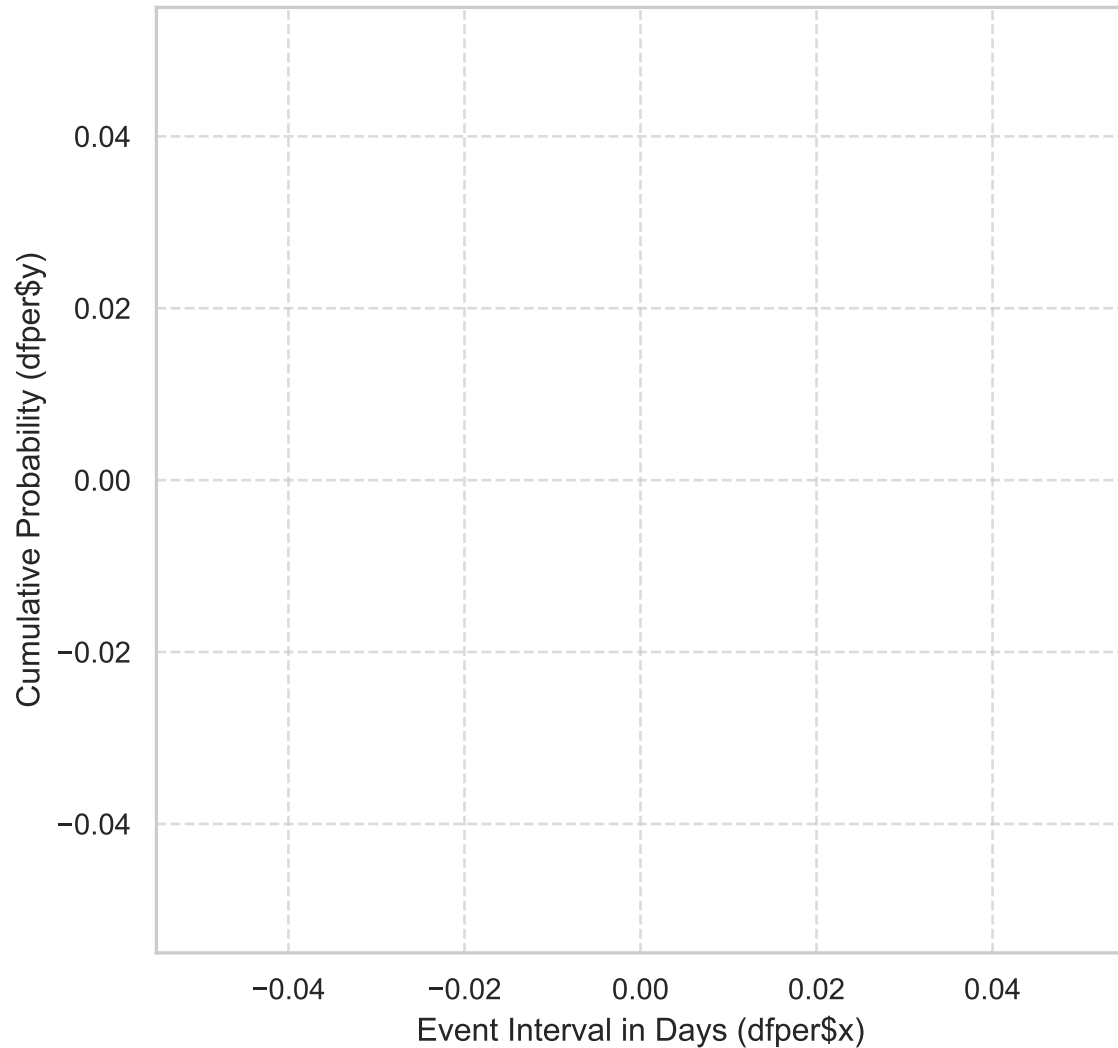


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

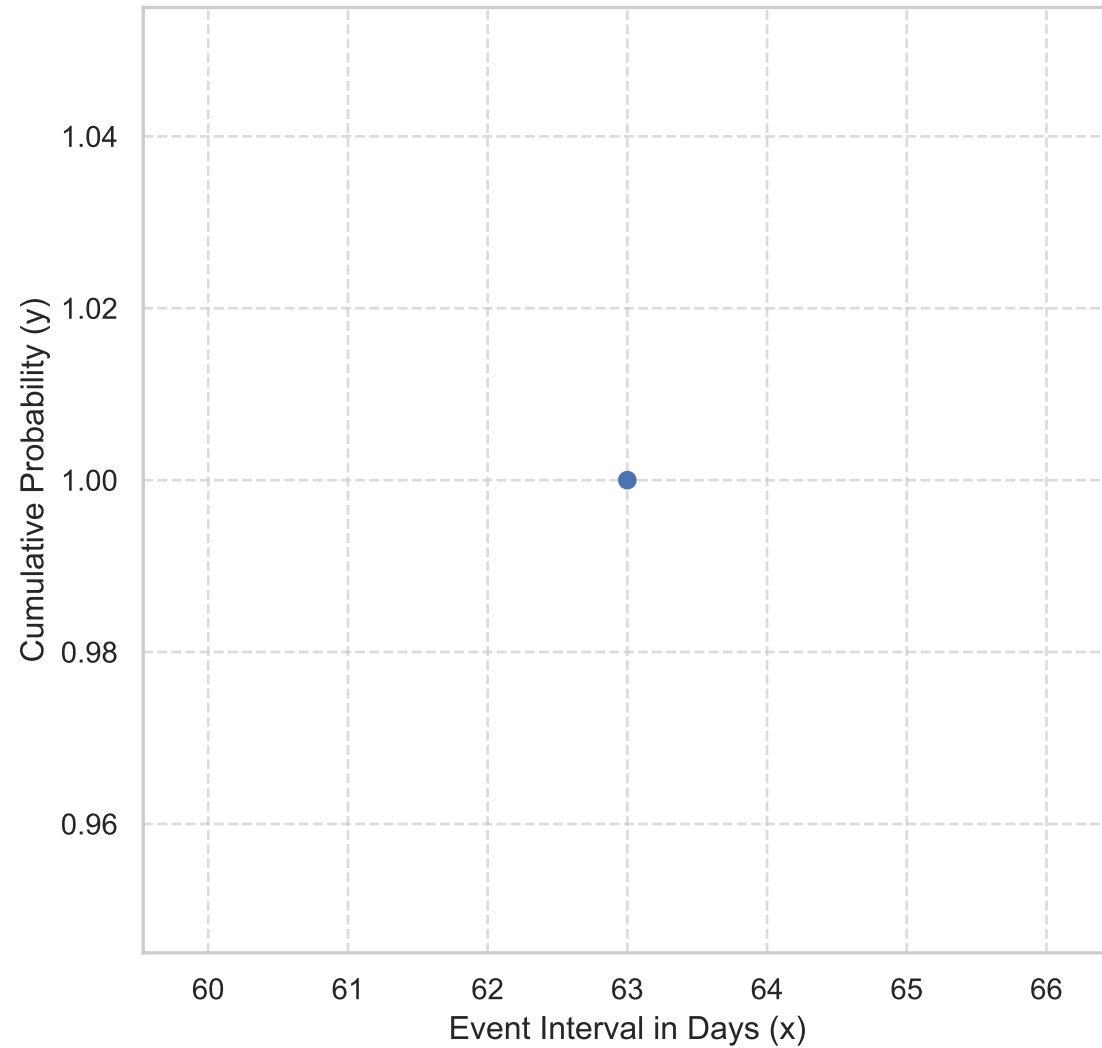


Category: A10AD05

80% ECDF of Event Intervals



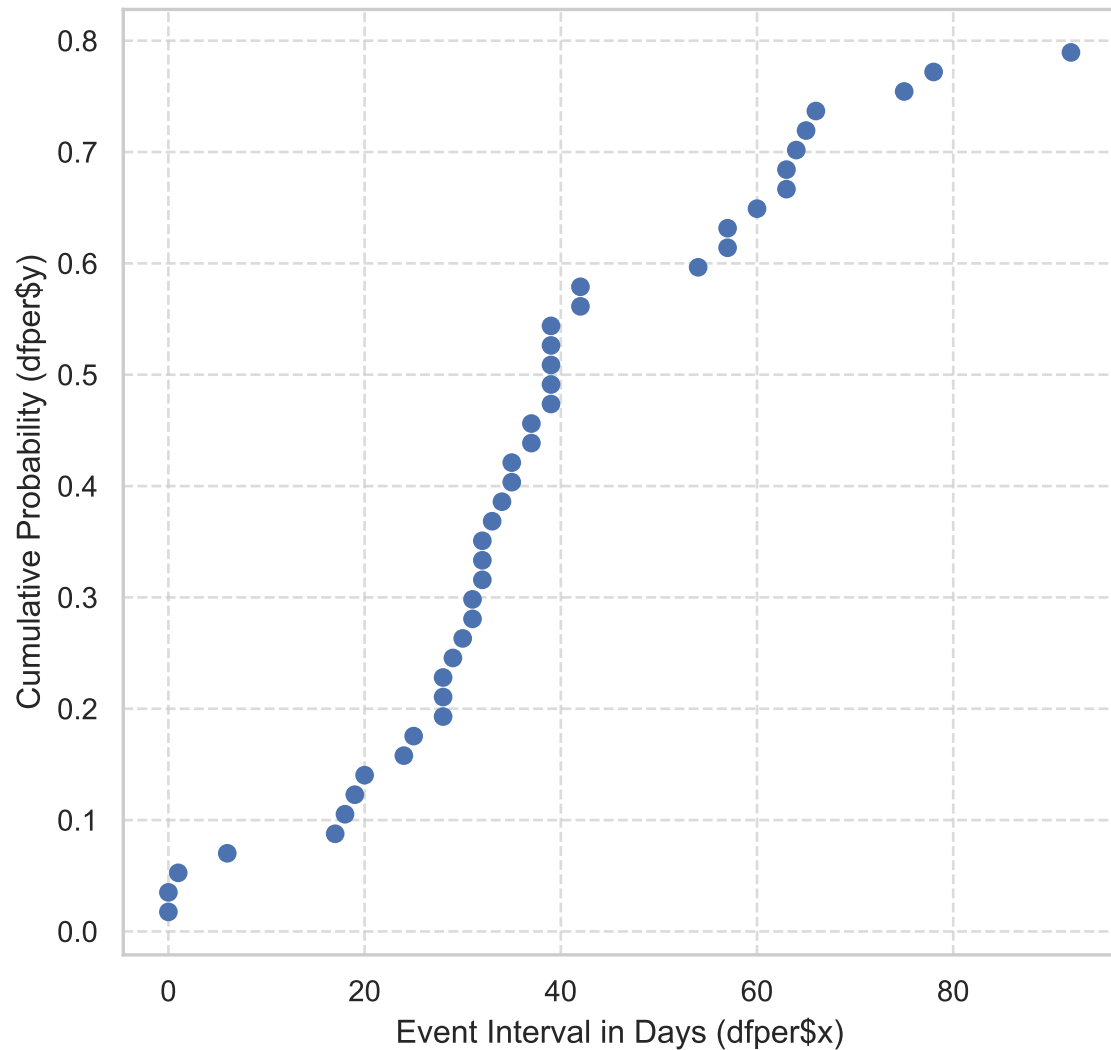
100% ECDF of Event Intervals



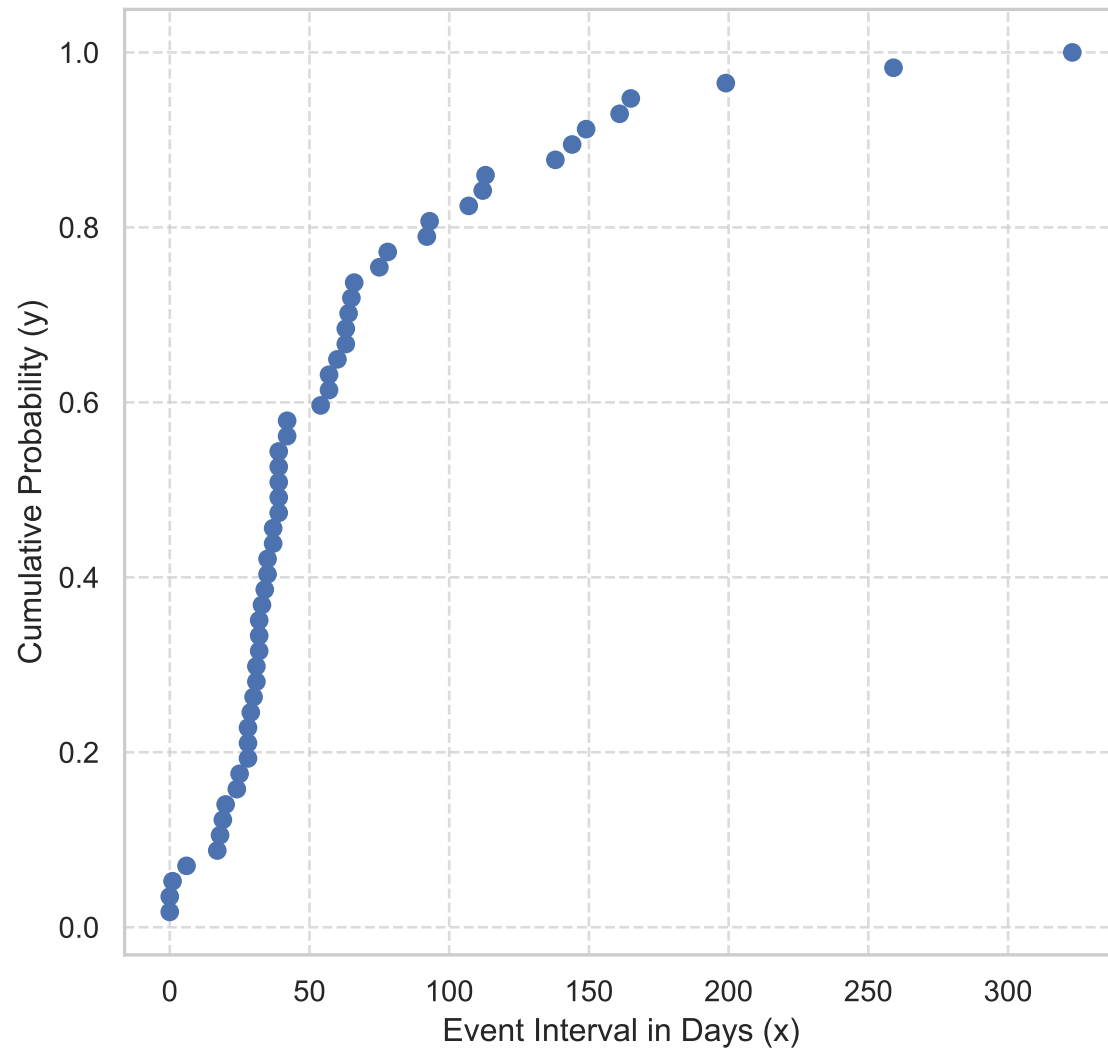
Category: J02AC03

Category: R03AC02

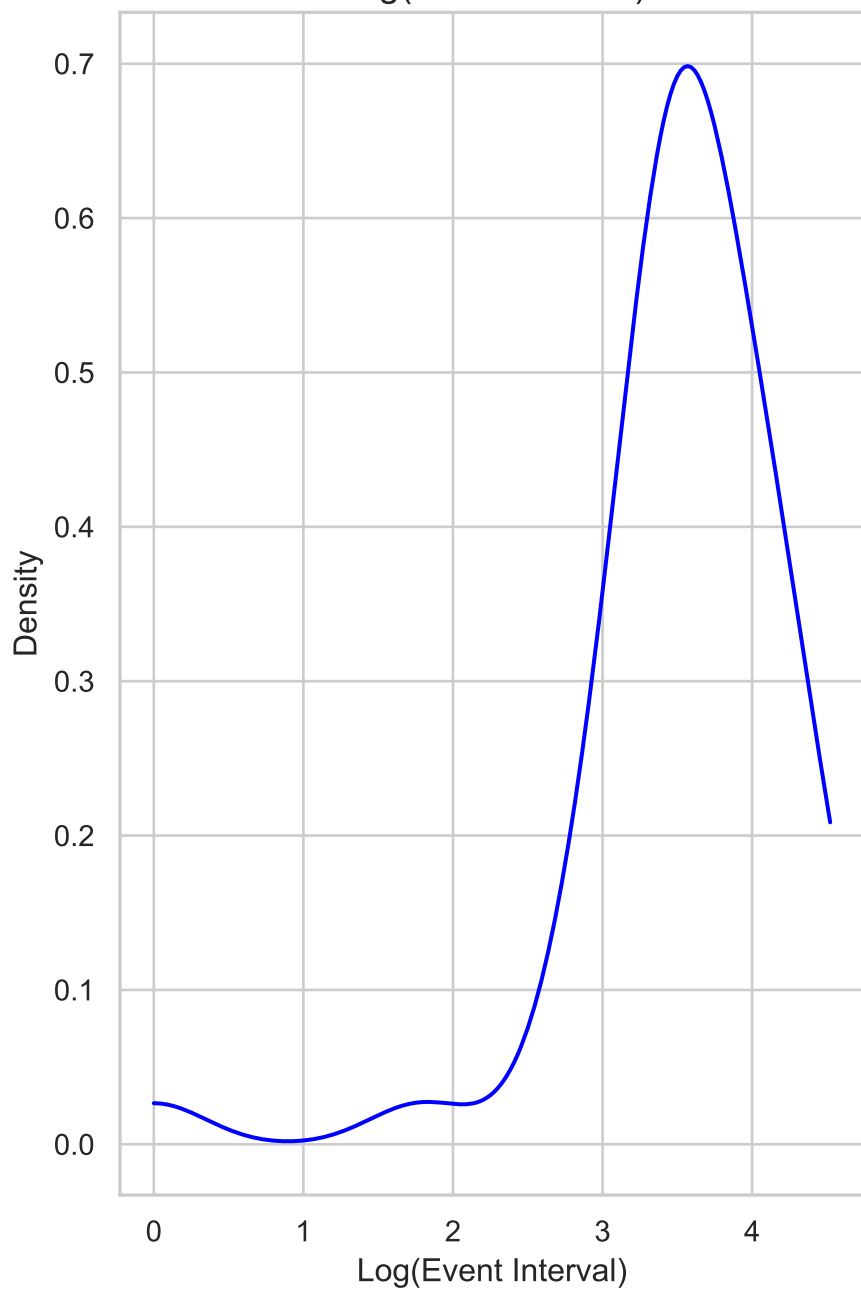
80% ECDF of Event Intervals



100% ECDF of Event Intervals



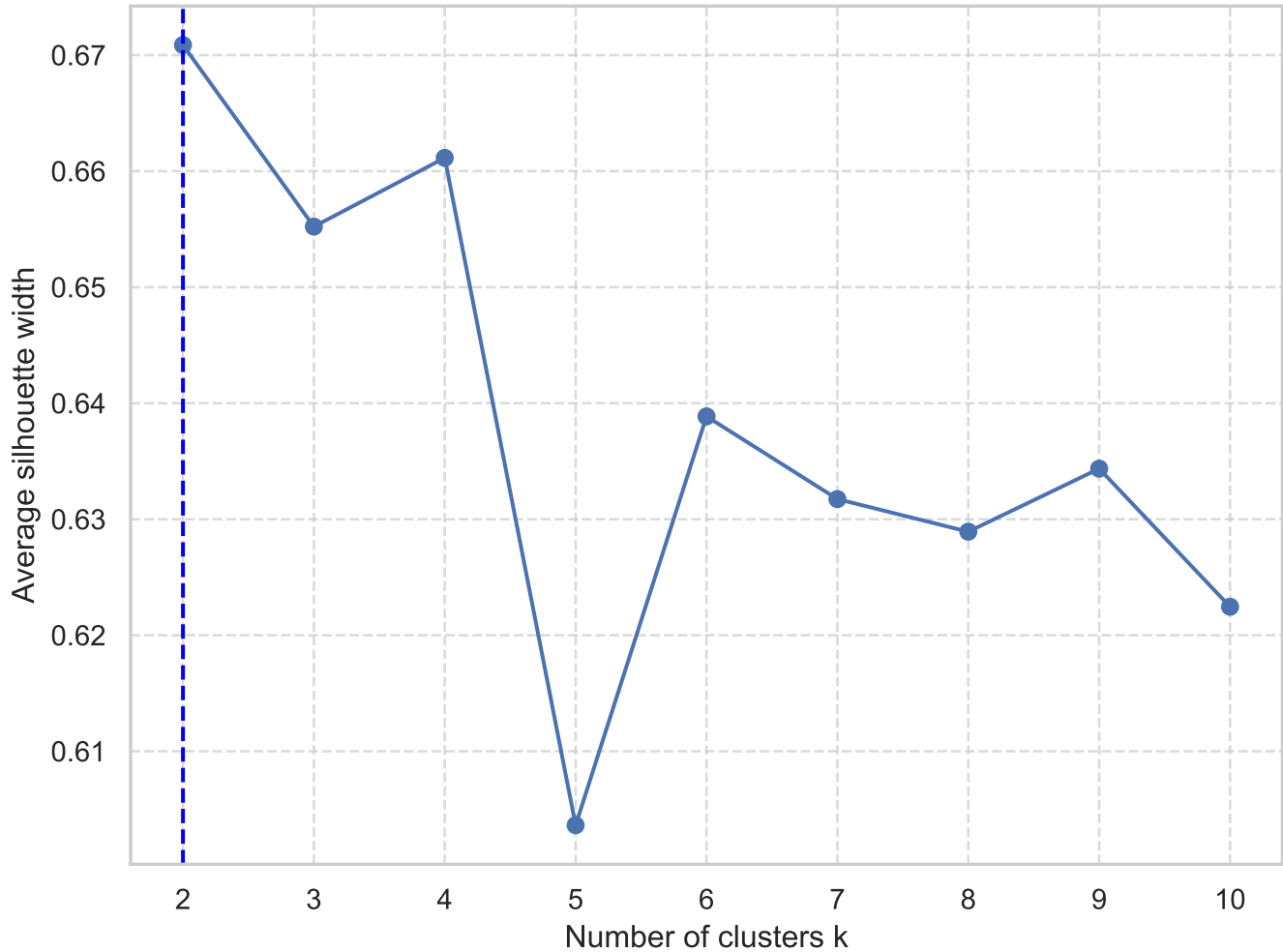
Log(event interval)



N = 43 Bandwidth = 0.3483

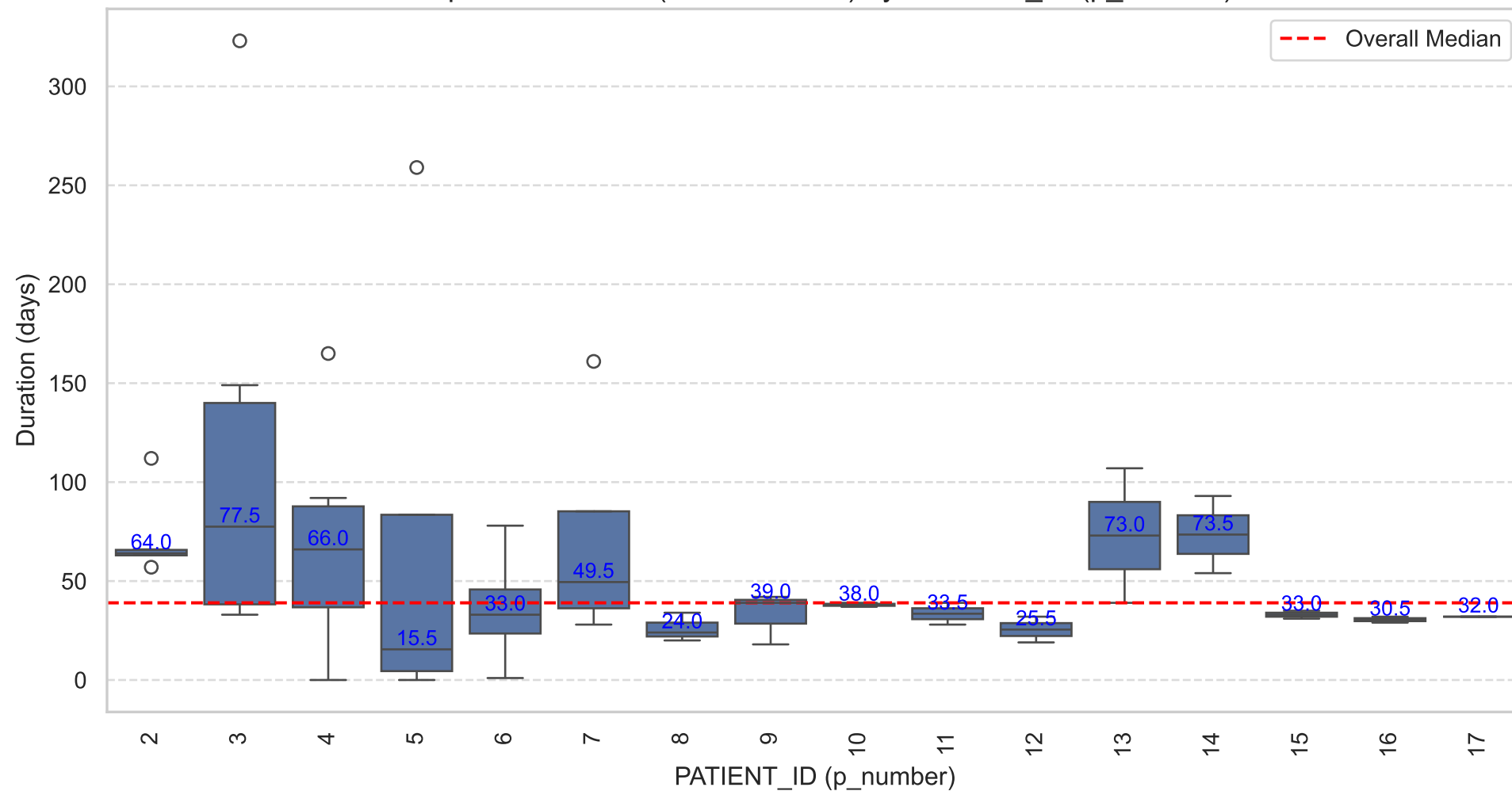
# Optimal number of clusters

## Silhouette Analysis



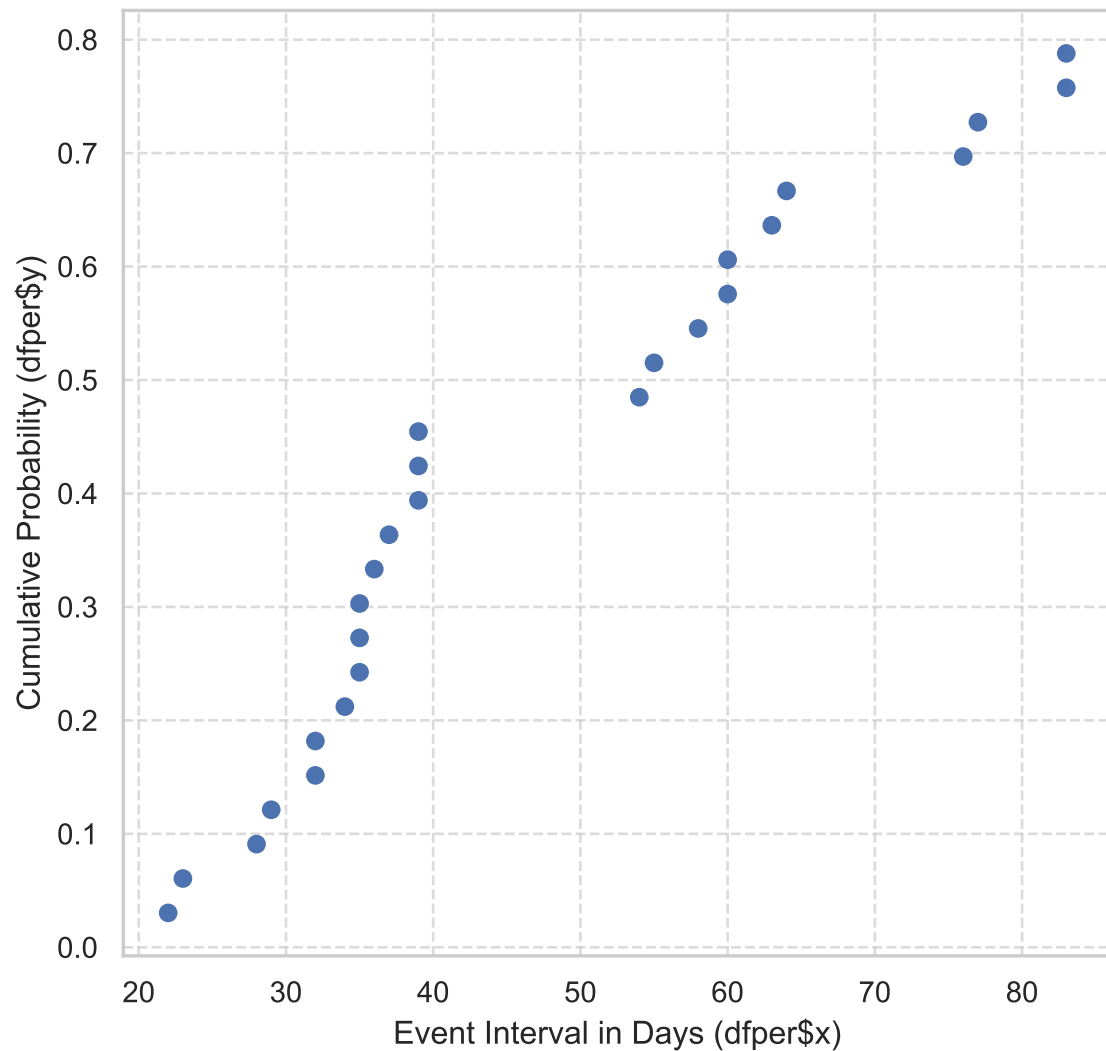


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

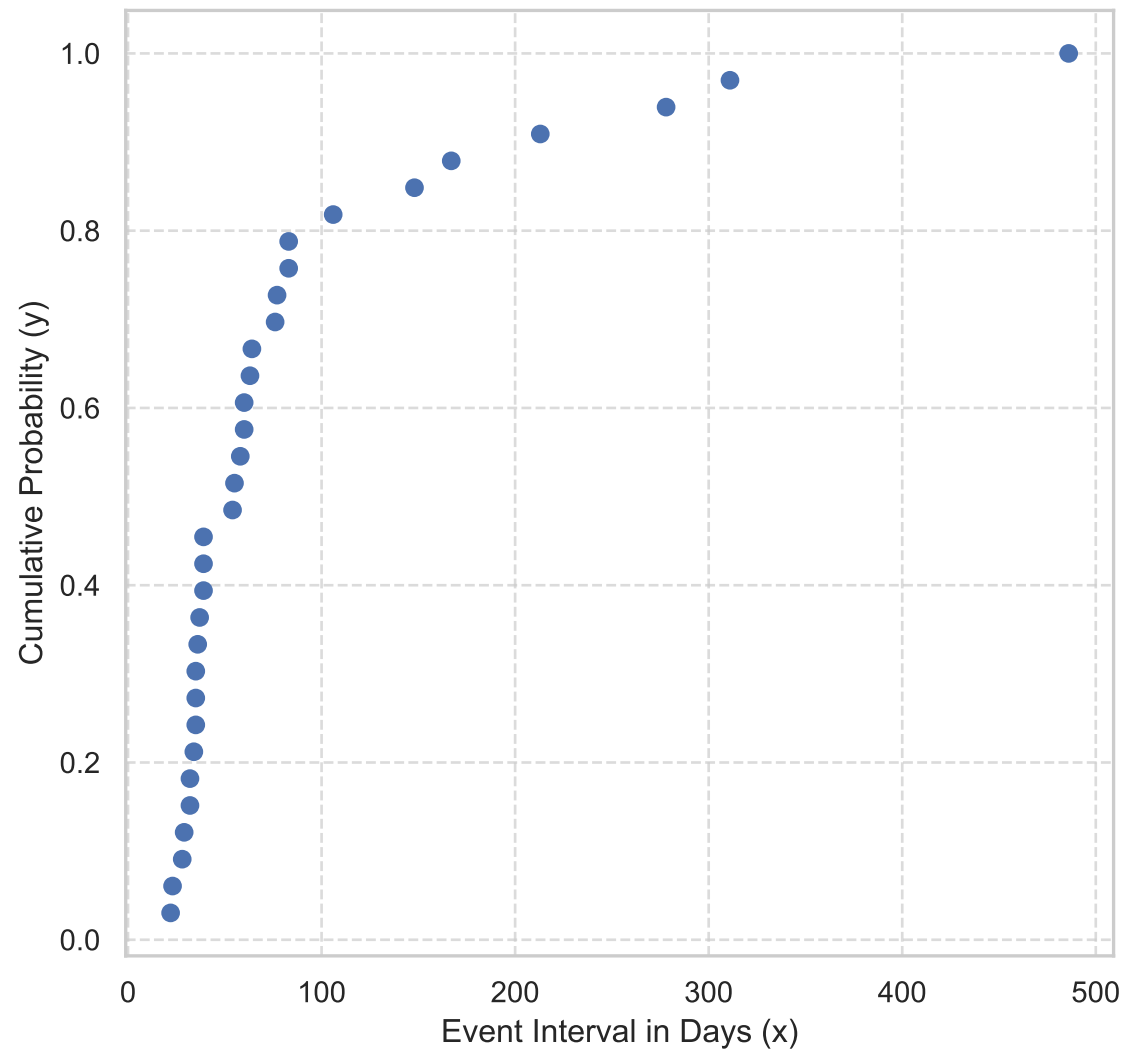


Category: R03AK06

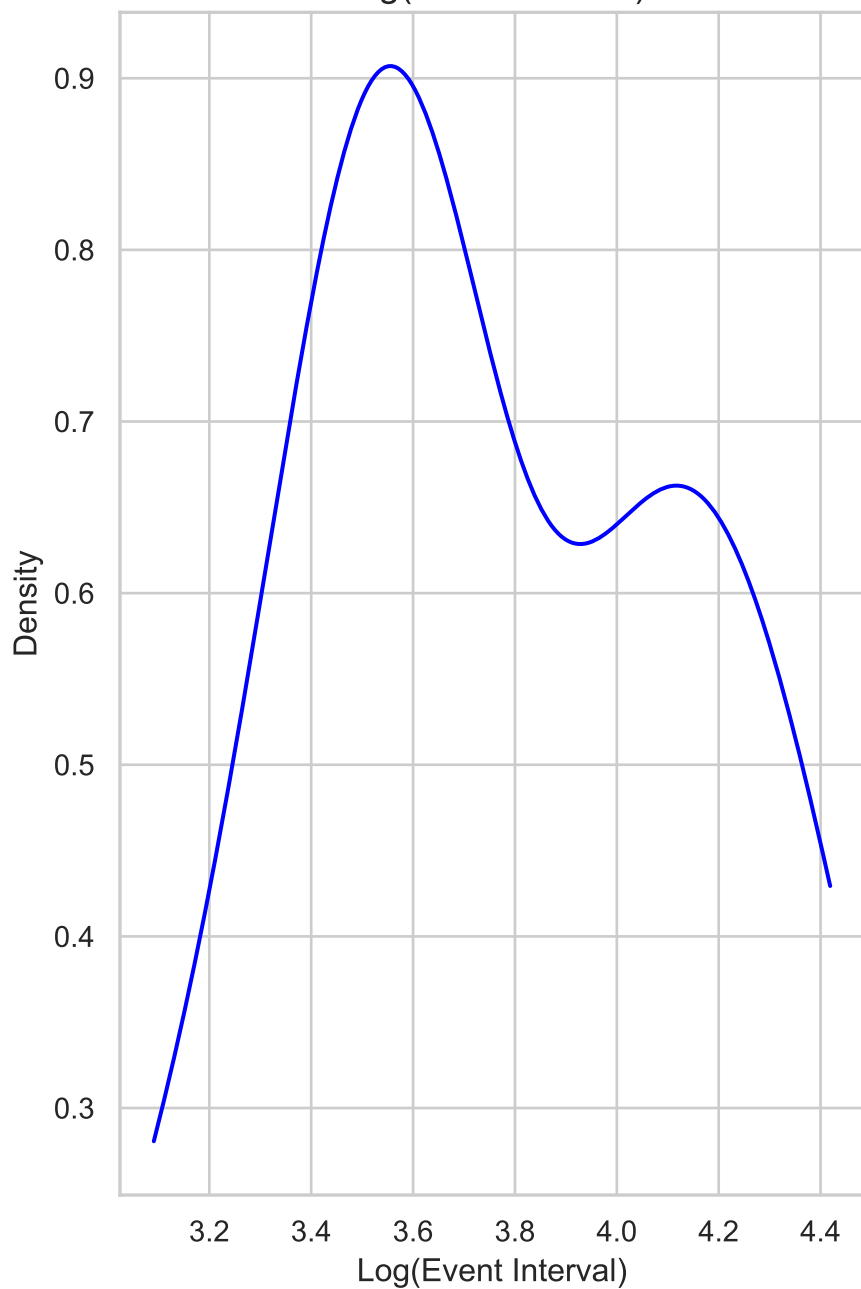
80% ECDF of Event Intervals



100% ECDF of Event Intervals

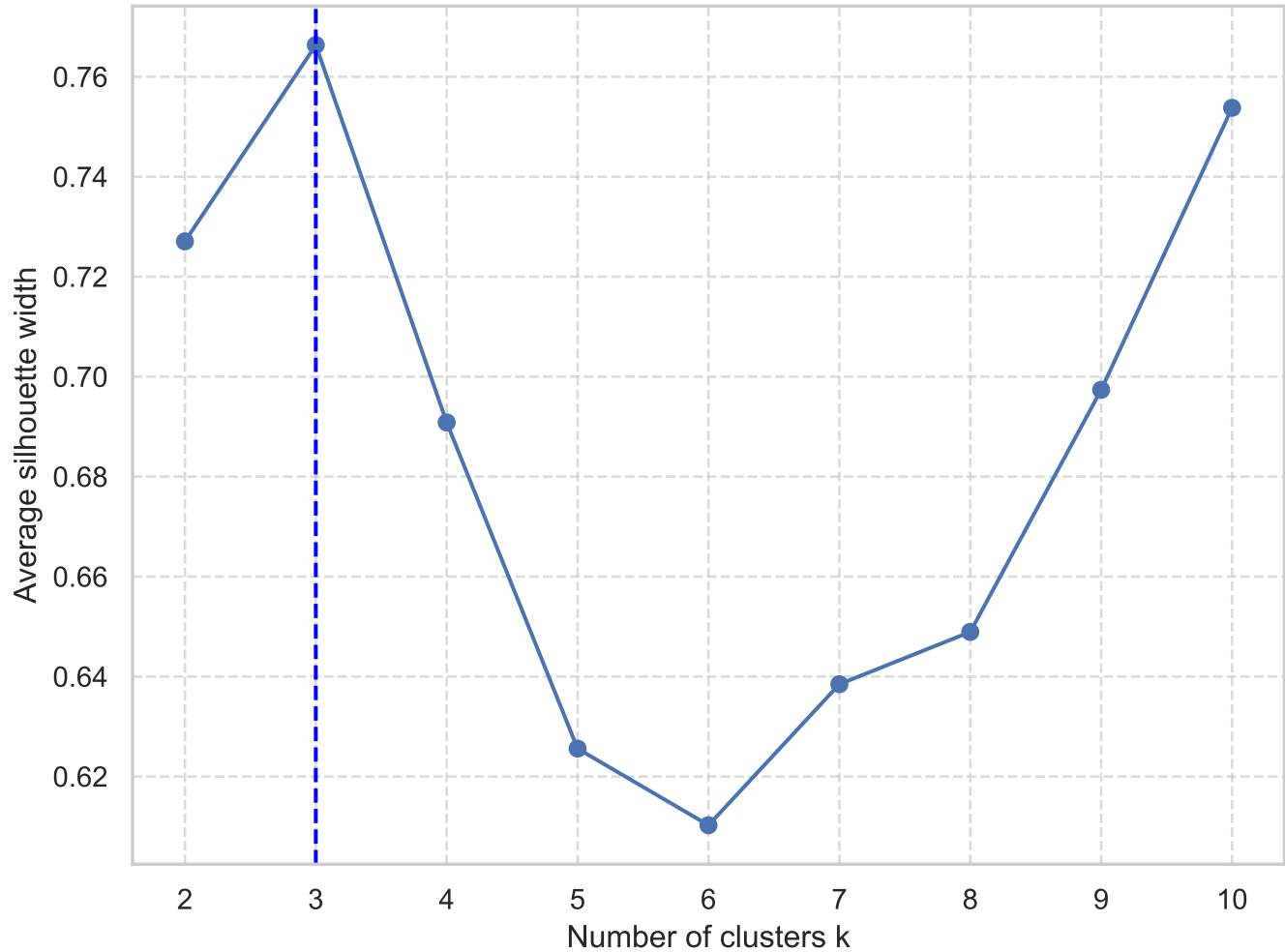


Log(event interval)

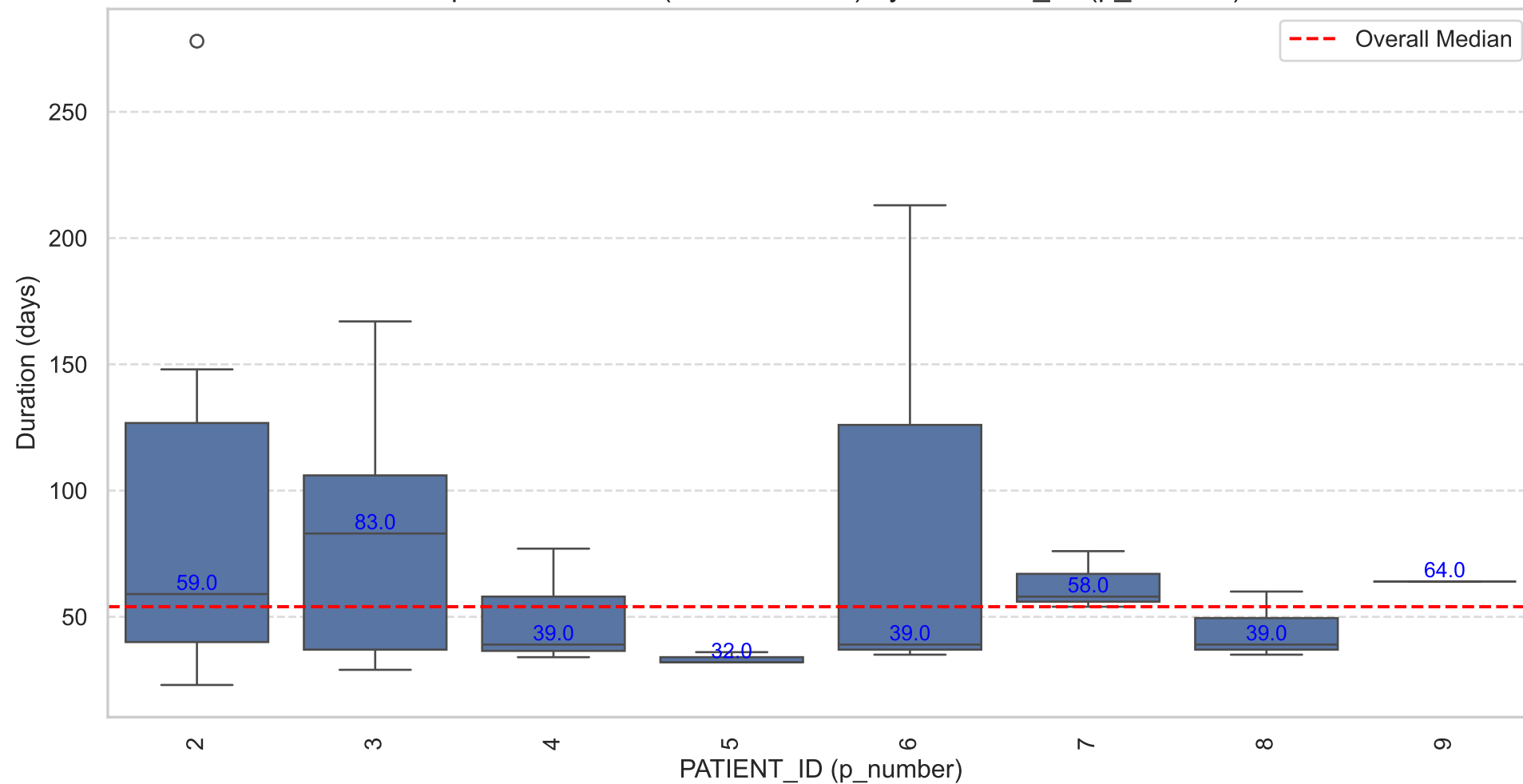


N = 26 Bandwidth = 0.2050

# Optimal number of clusters Silhouette Analysis

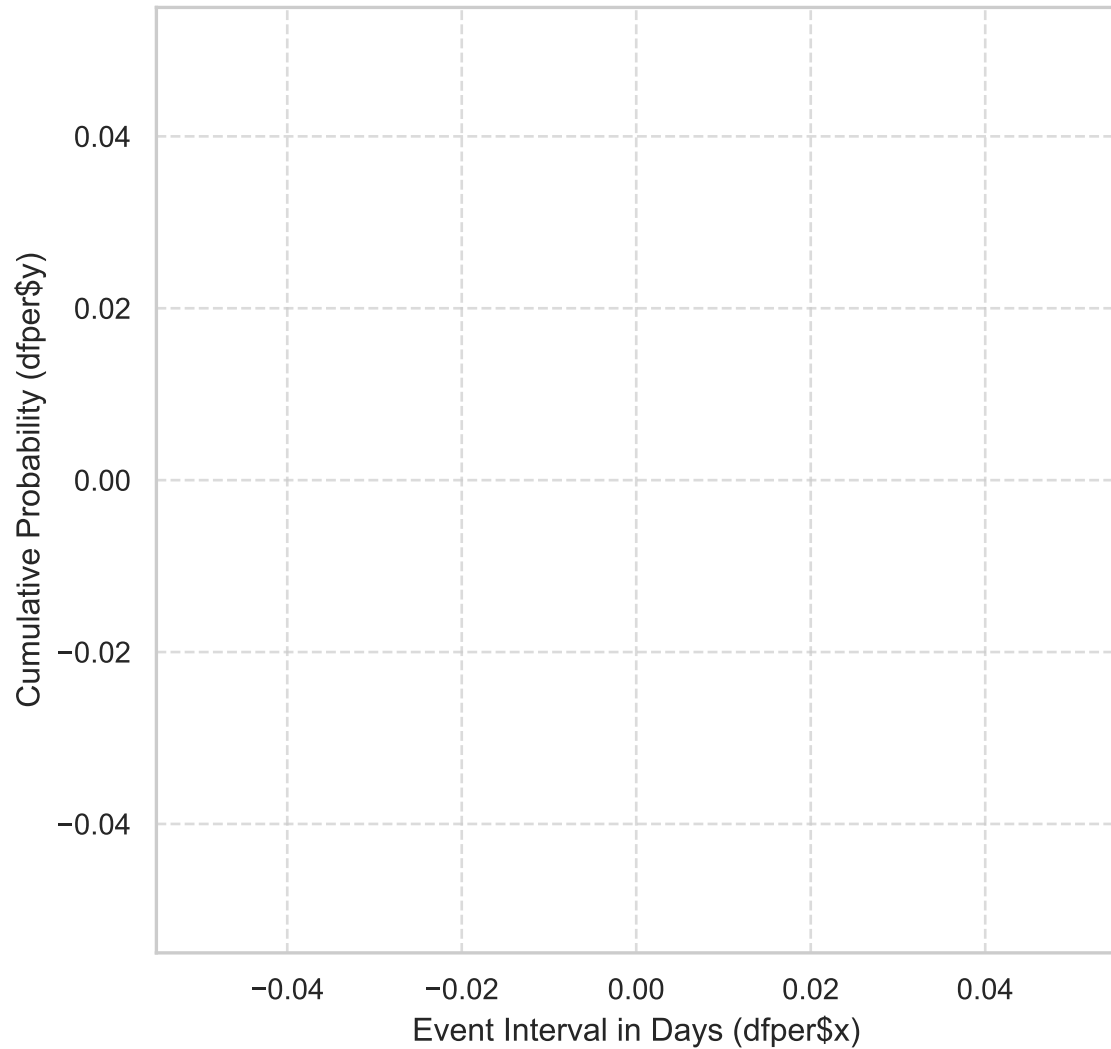


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

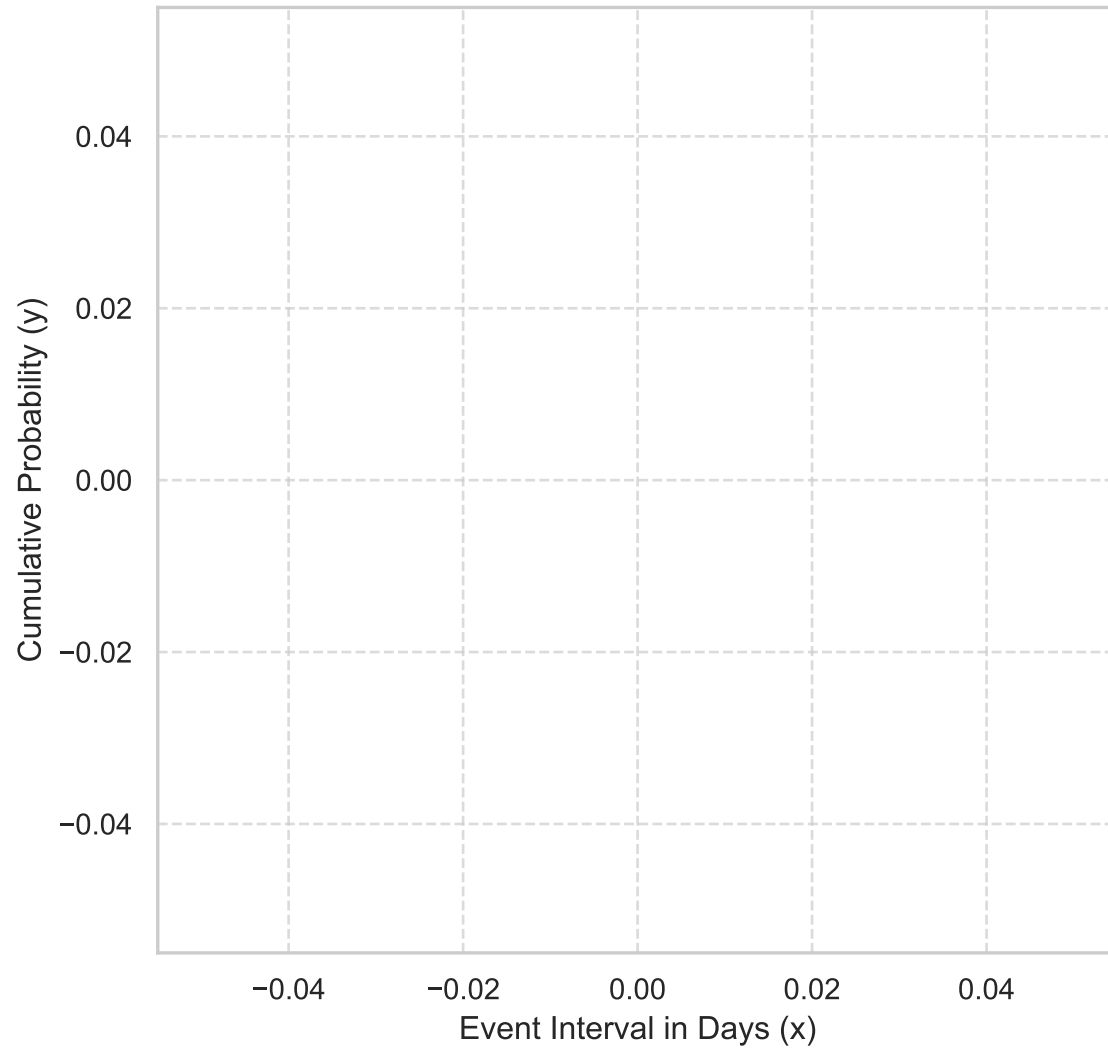


Category: R03AL04

80% ECDF of Event Intervals



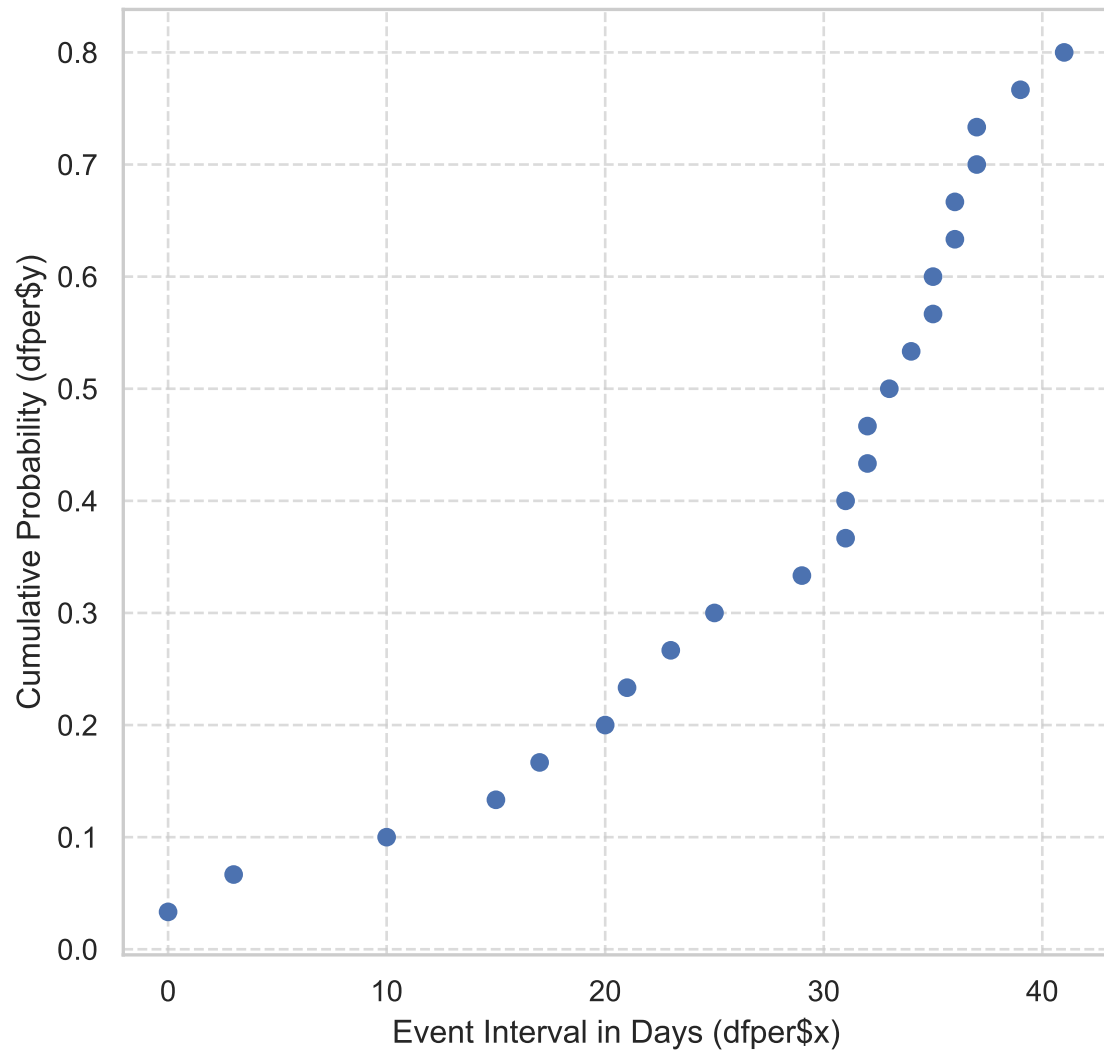
100% ECDF of Event Intervals



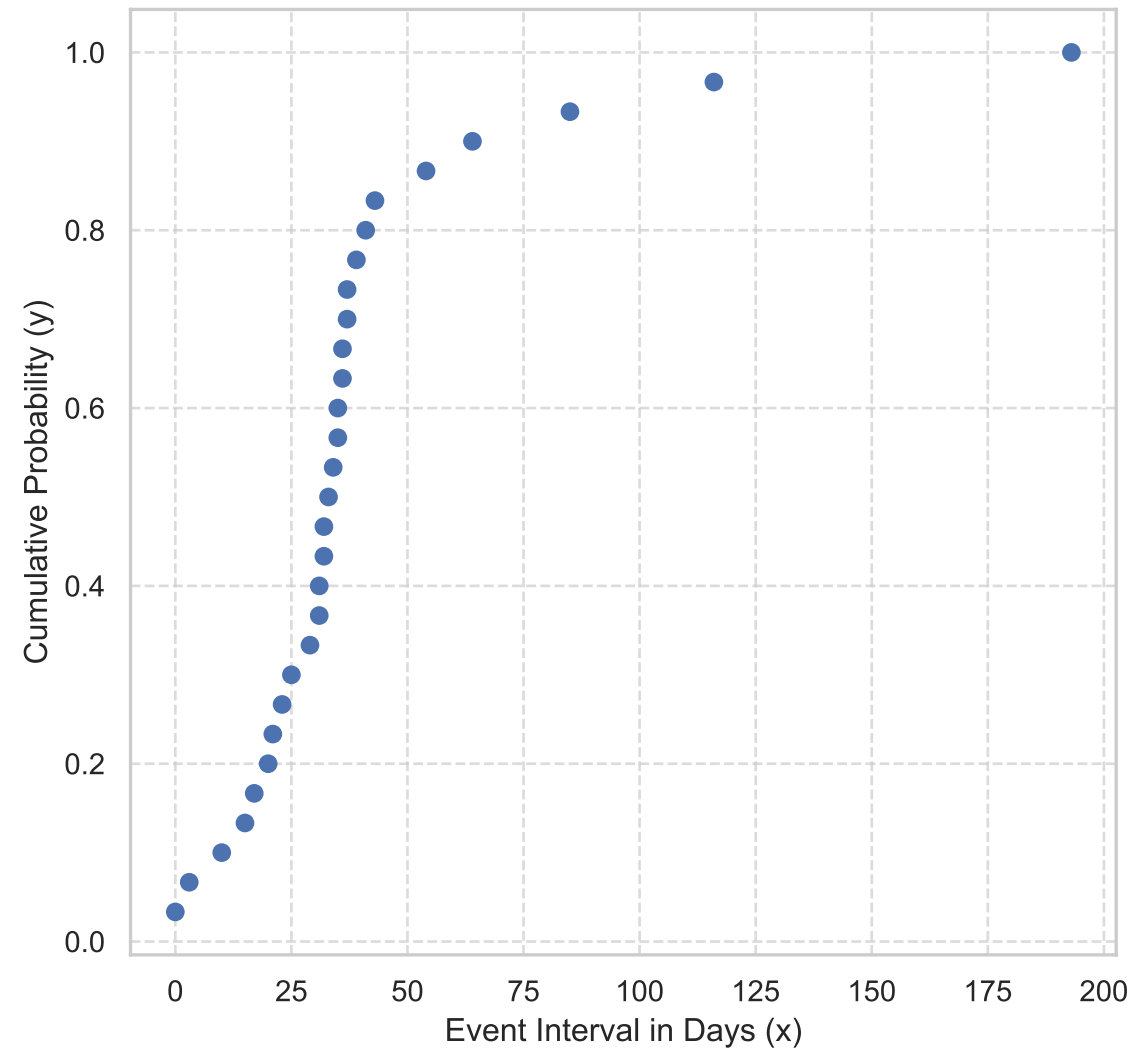


Category: R03DC03

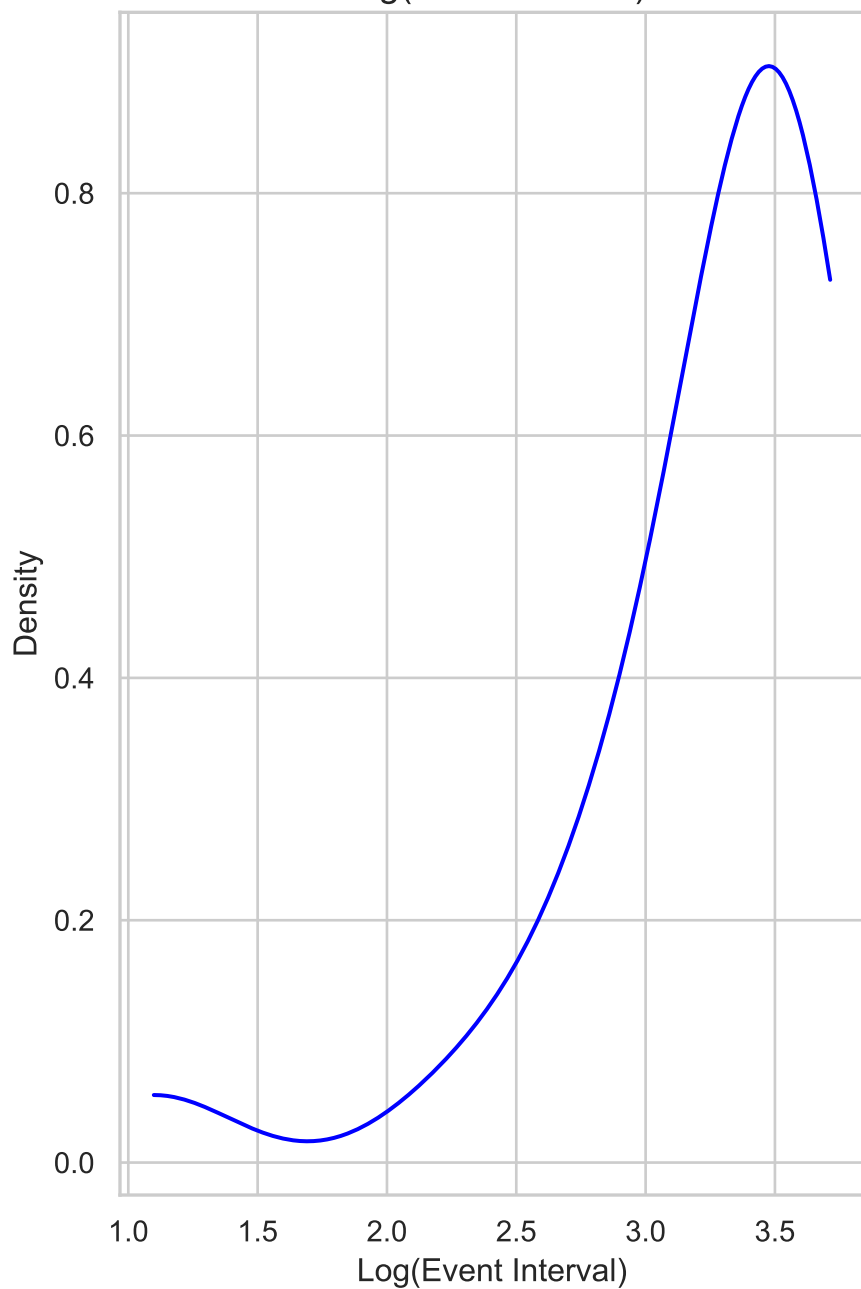
80% ECDF of Event Intervals



100% ECDF of Event Intervals

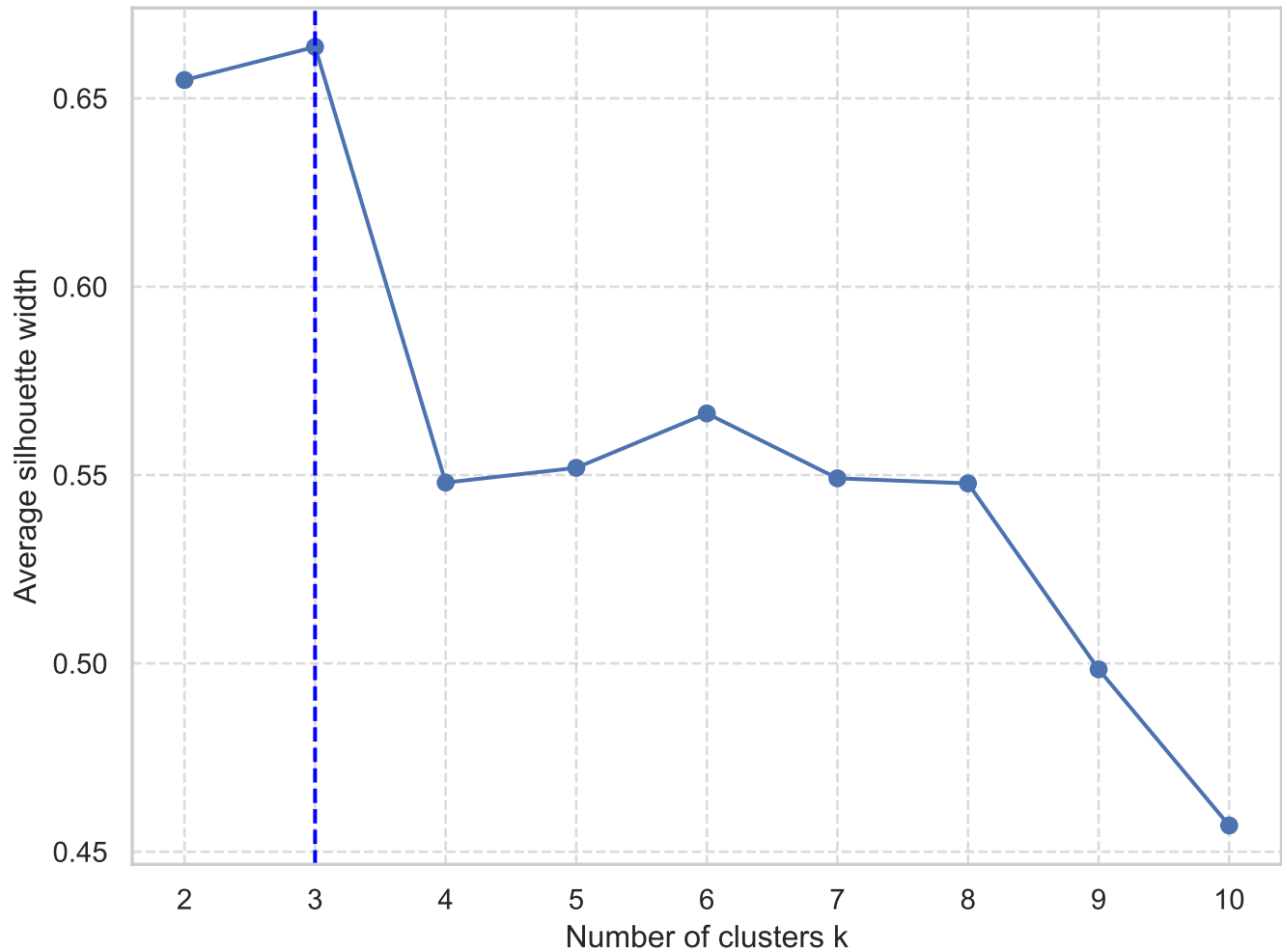


Log(event interval)

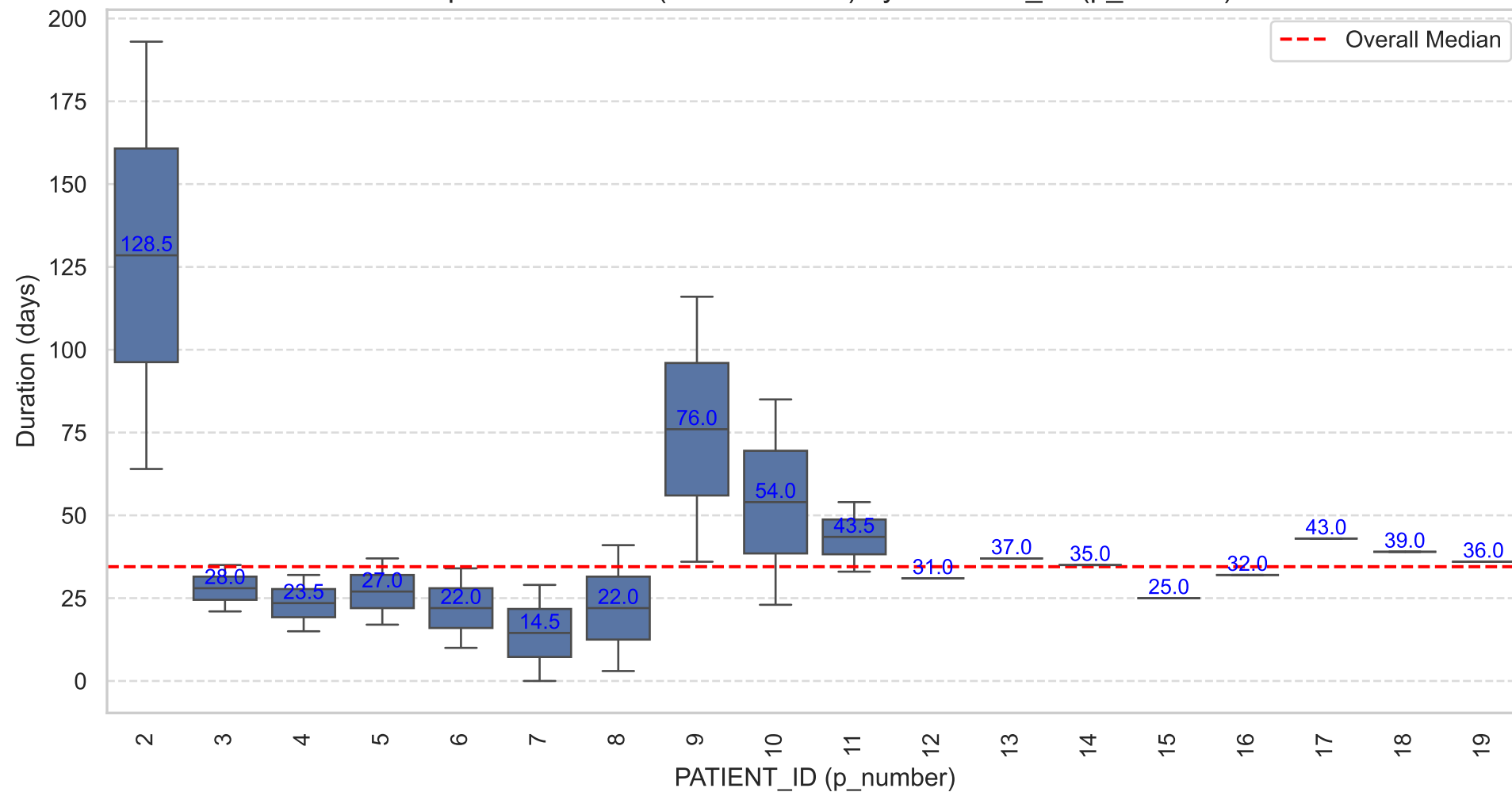


N = 23 Bandwidth = 0.3114

Optimal number of clusters  
Silhouette Analysis

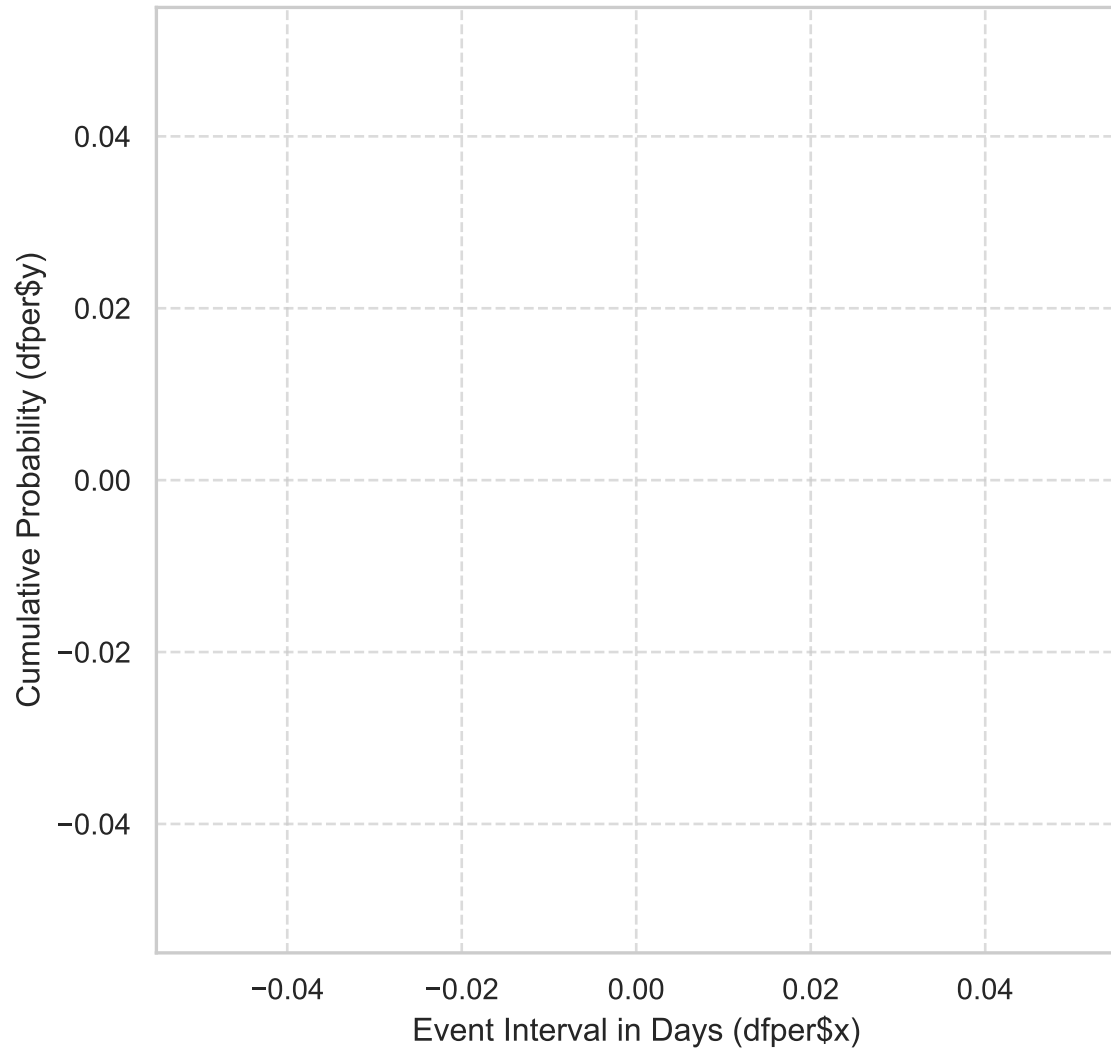


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

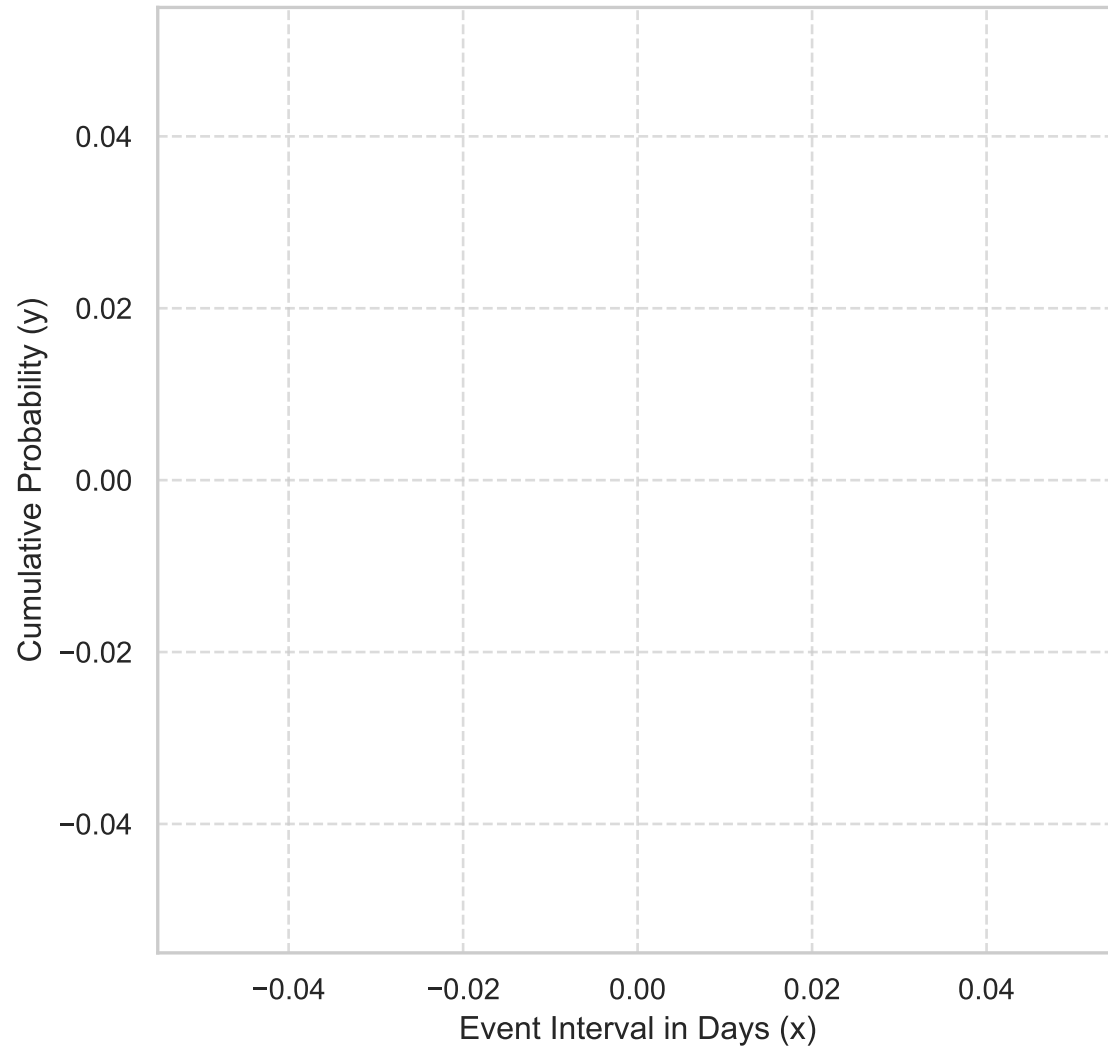


Category: J02AC04

80% ECDF of Event Intervals



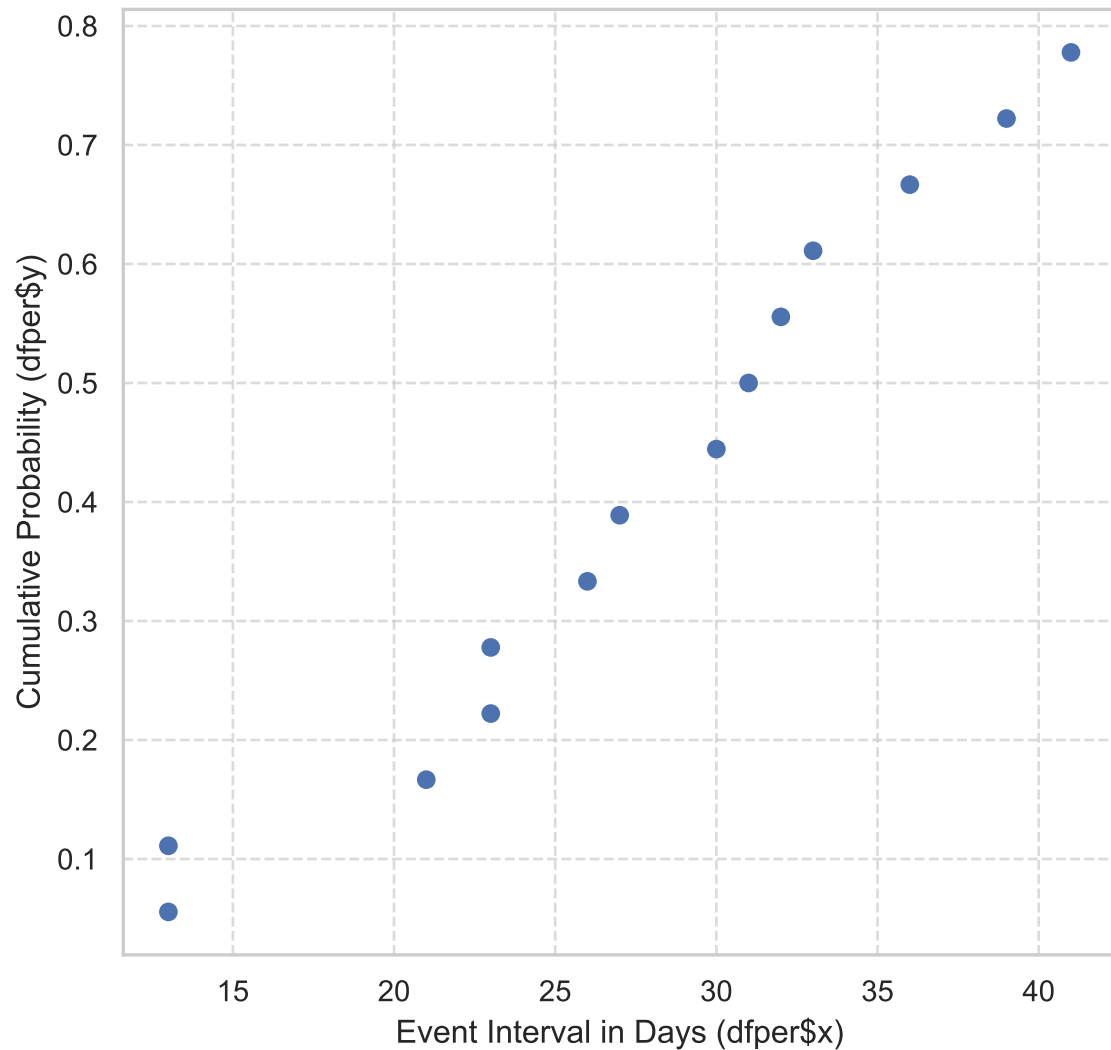
100% ECDF of Event Intervals



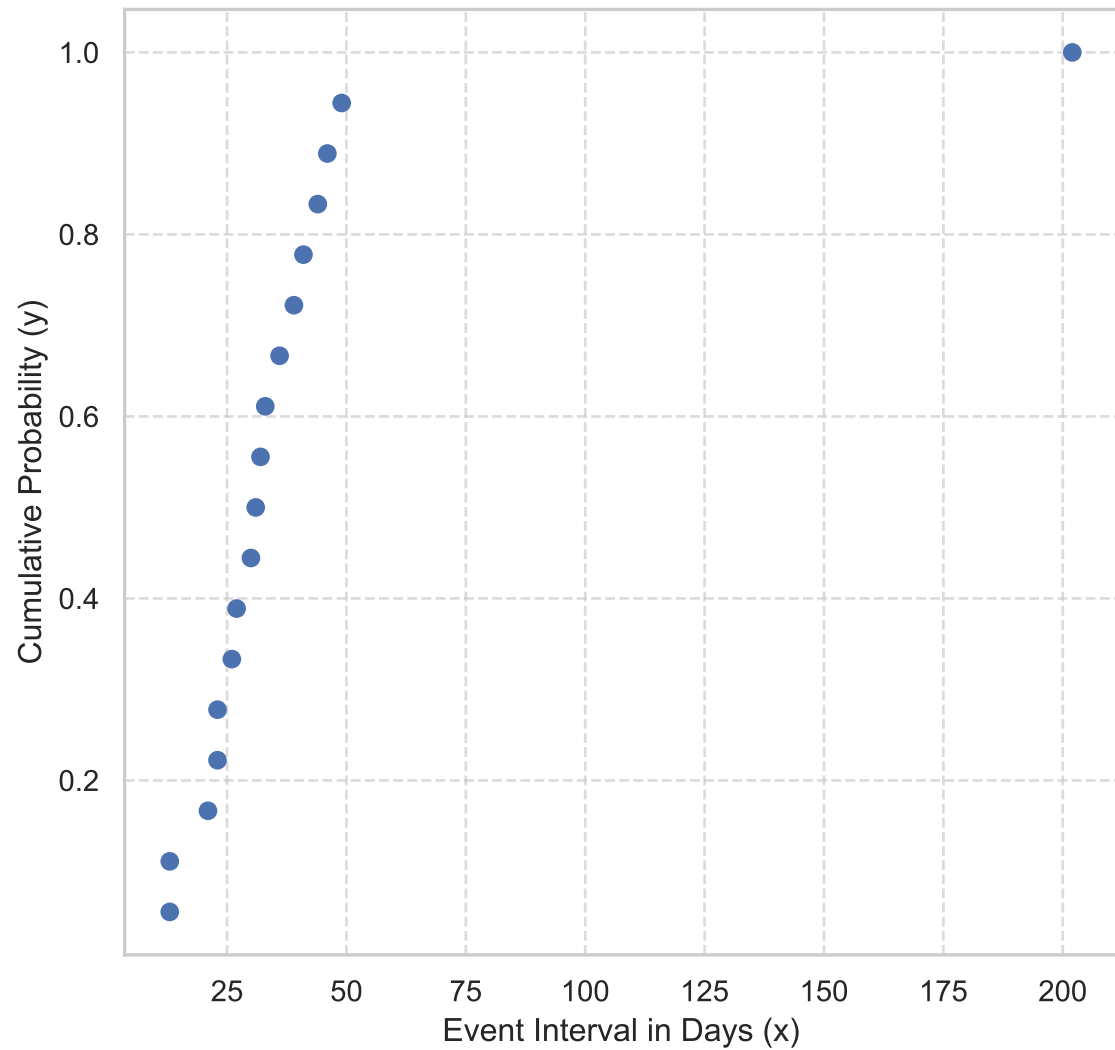
Category: R03DX05



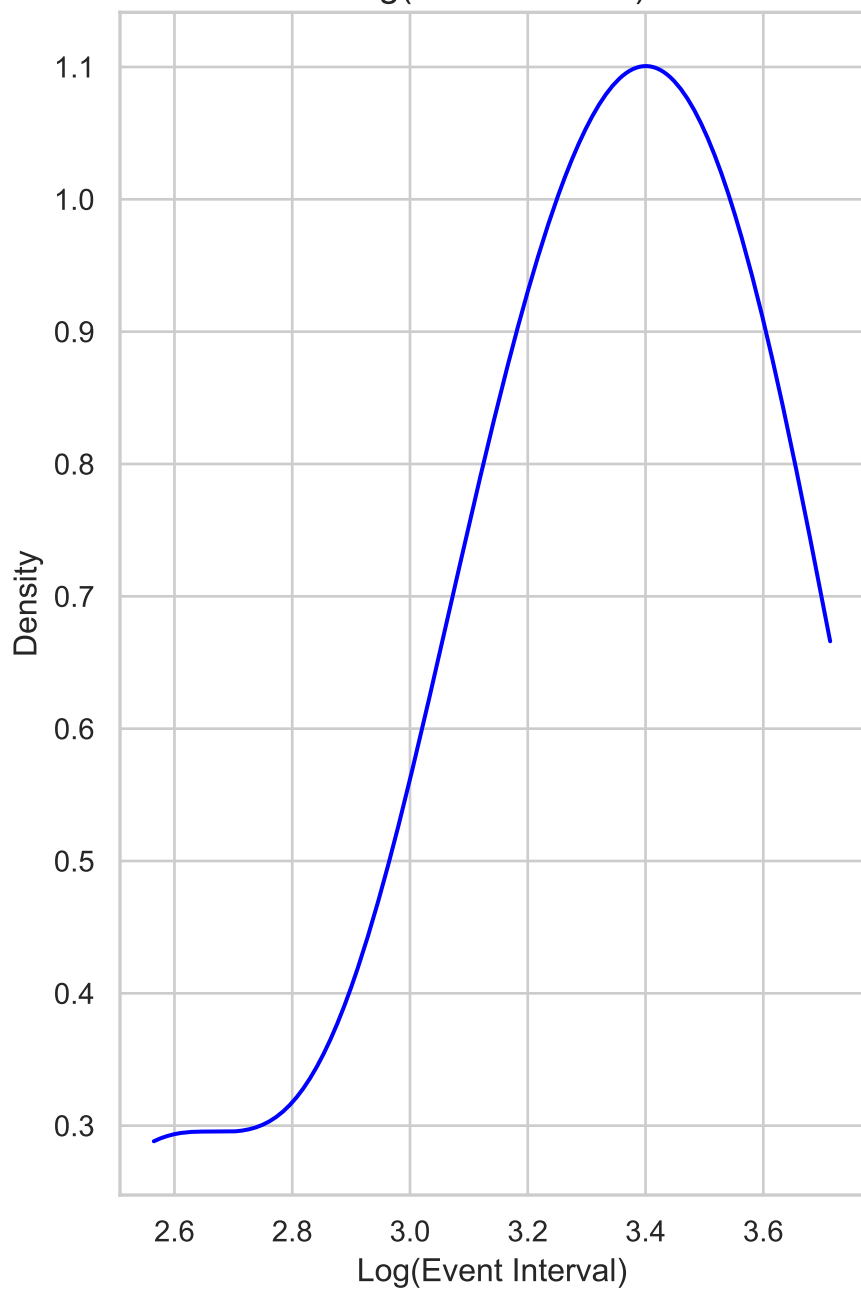
80% ECDF of Event Intervals



100% ECDF of Event Intervals

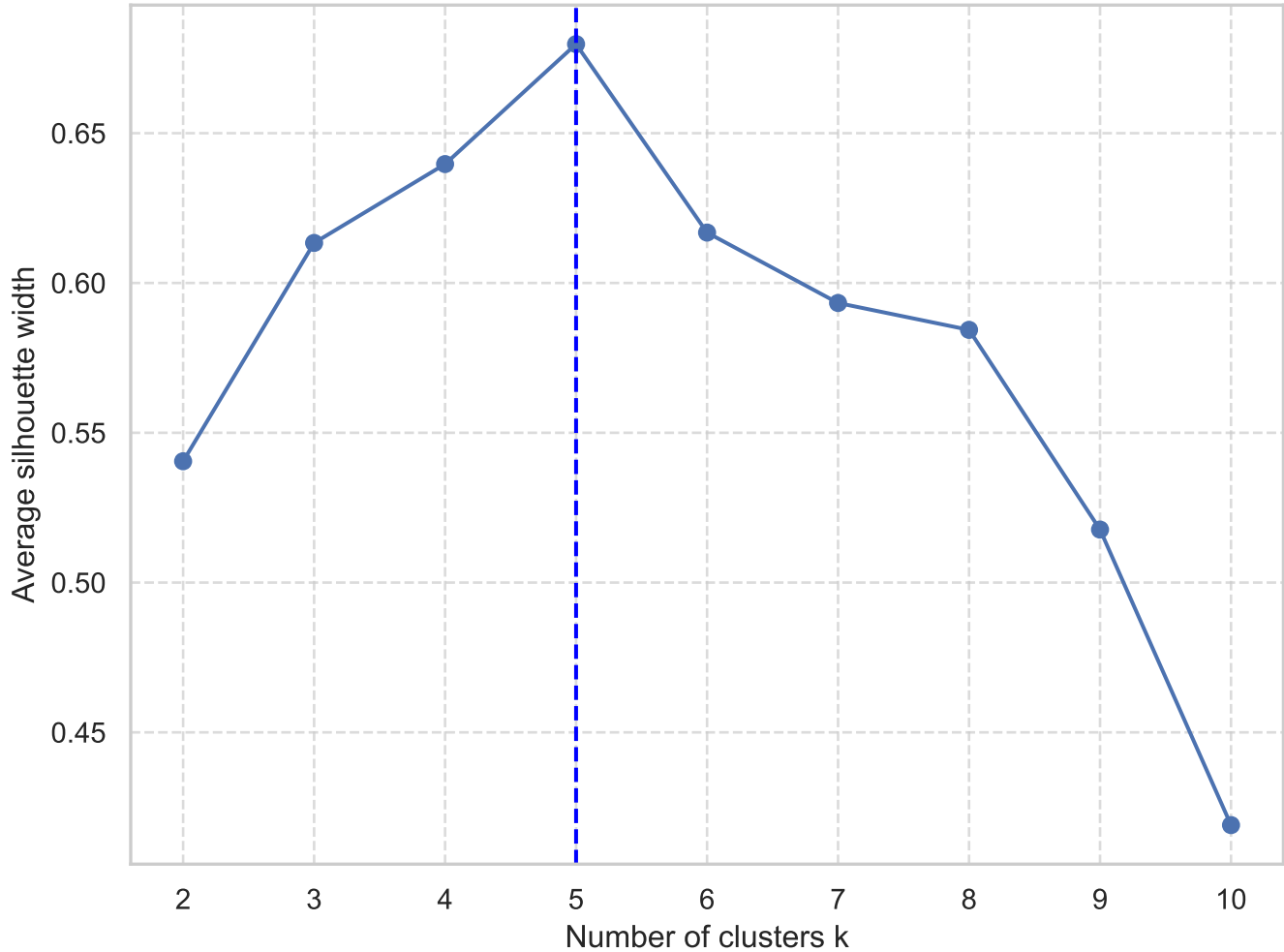


Log(event interval)

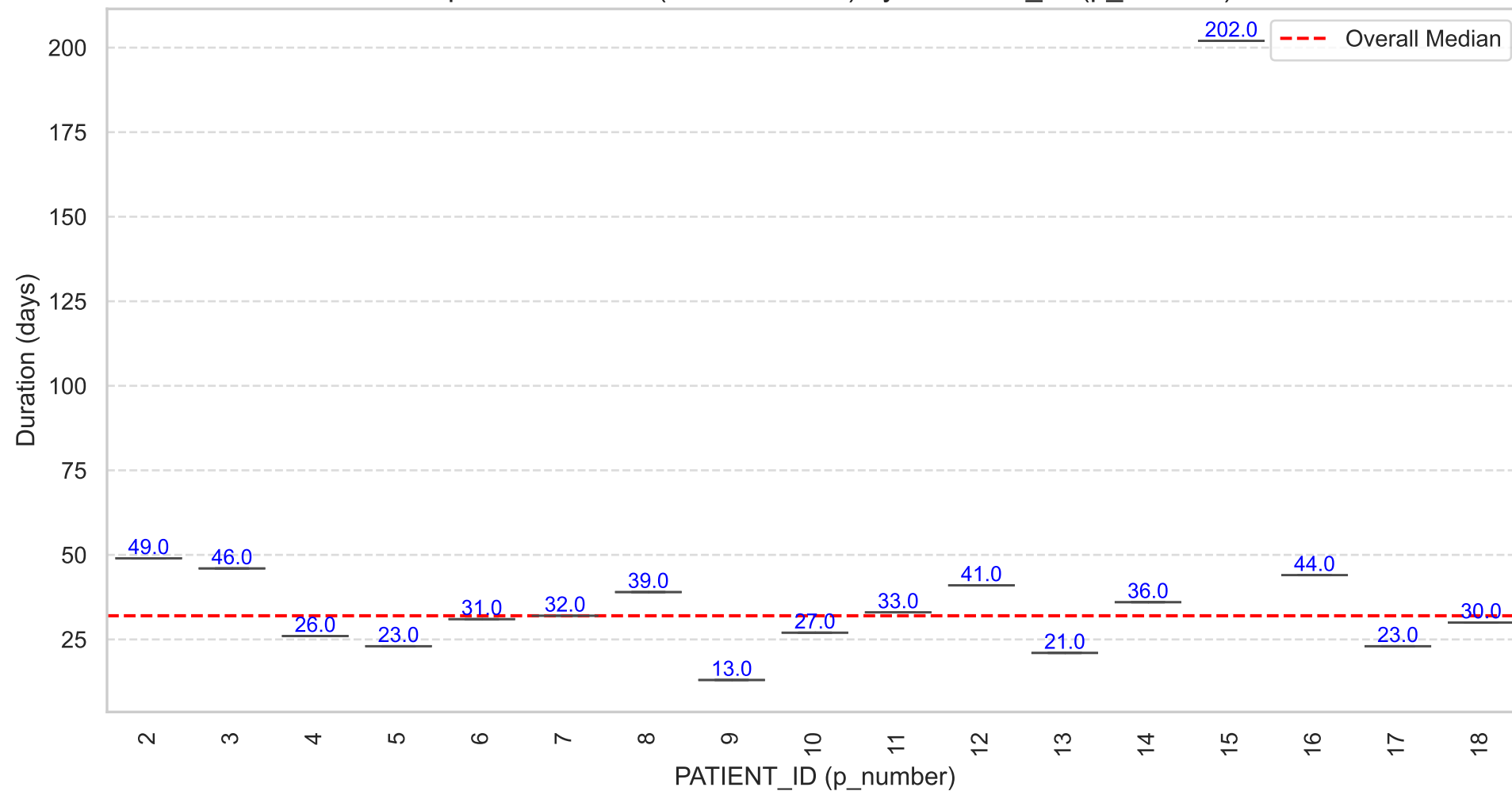


N = 14 Bandwidth = 0.2112

# Optimal number of clusters Silhouette Analysis

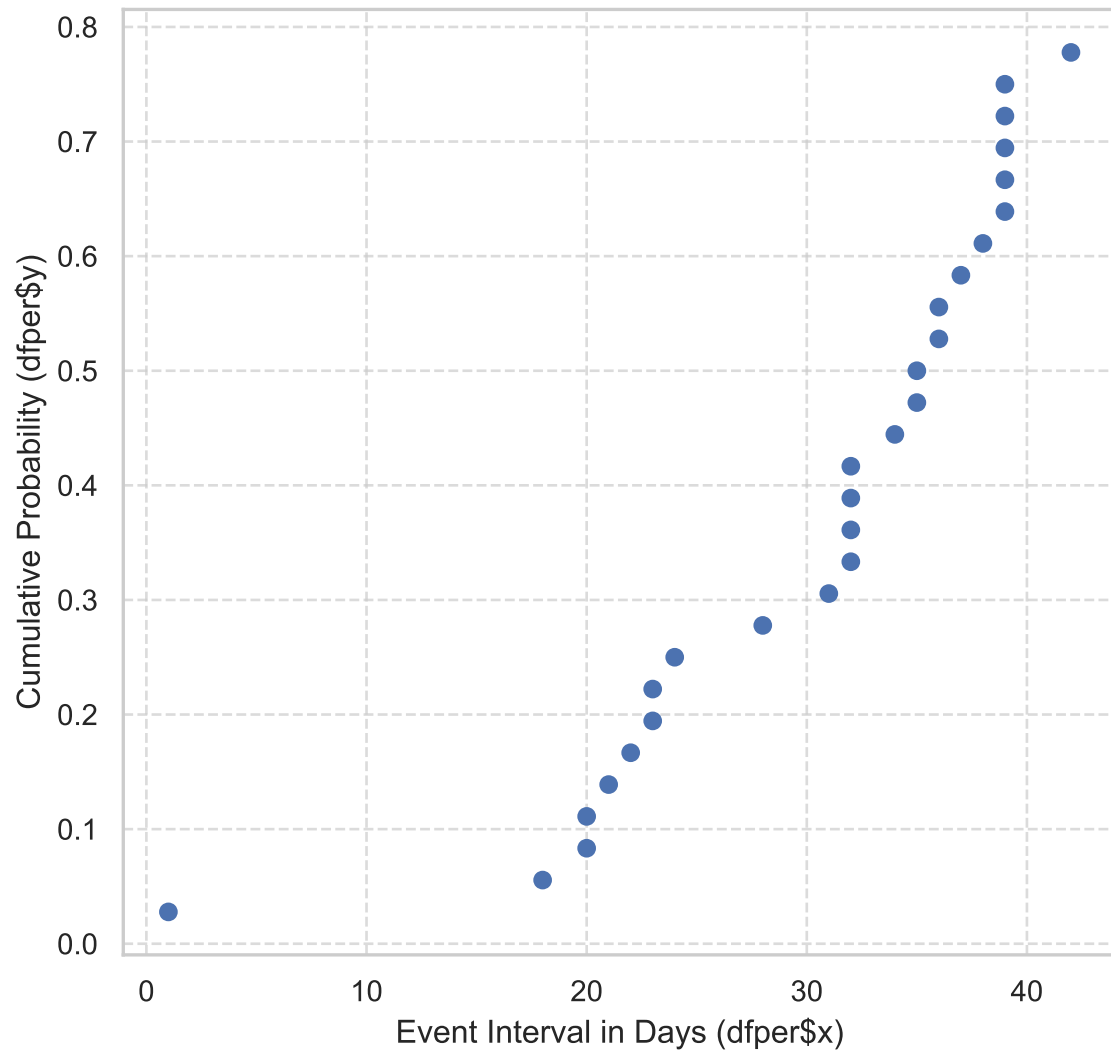


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

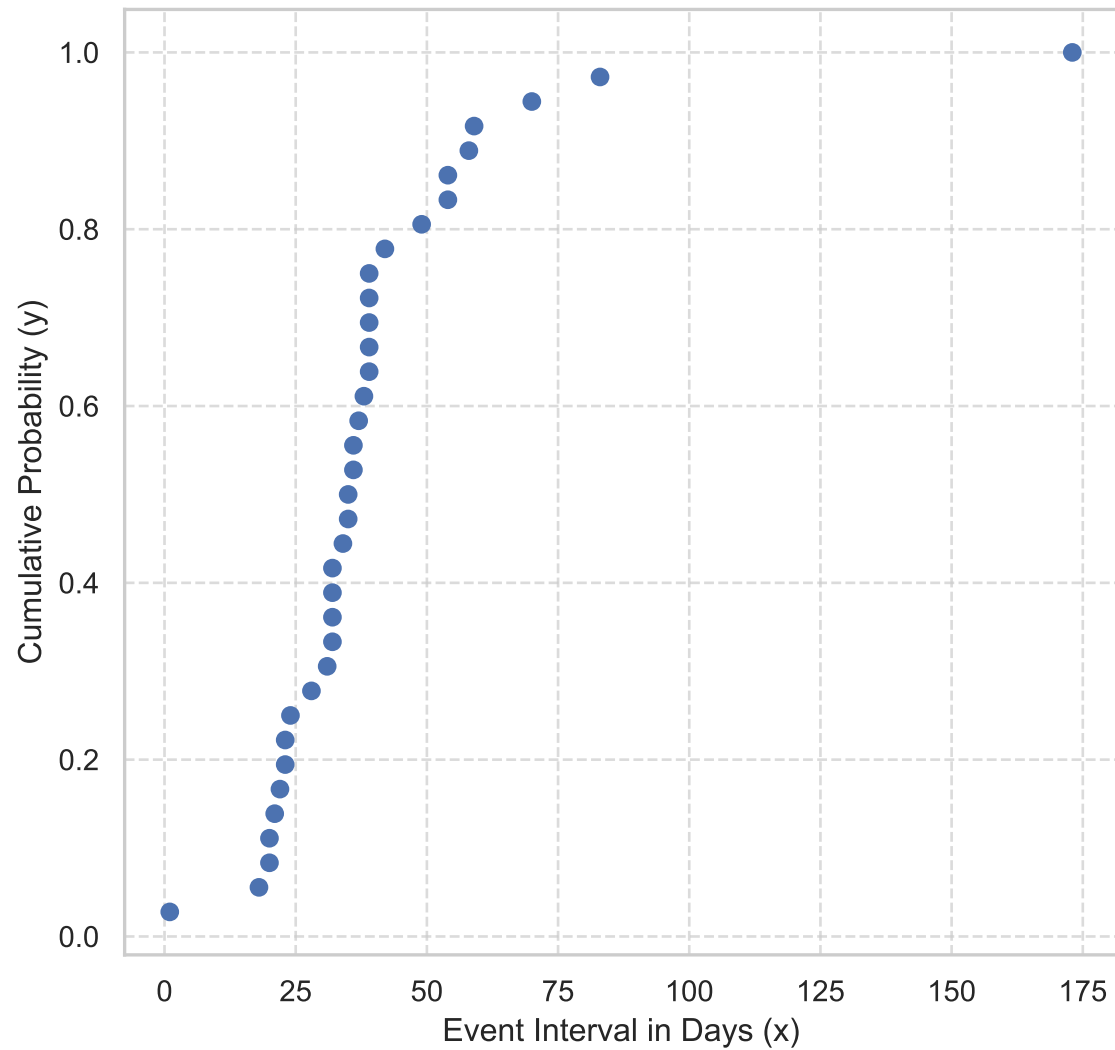


Category: A02BC01

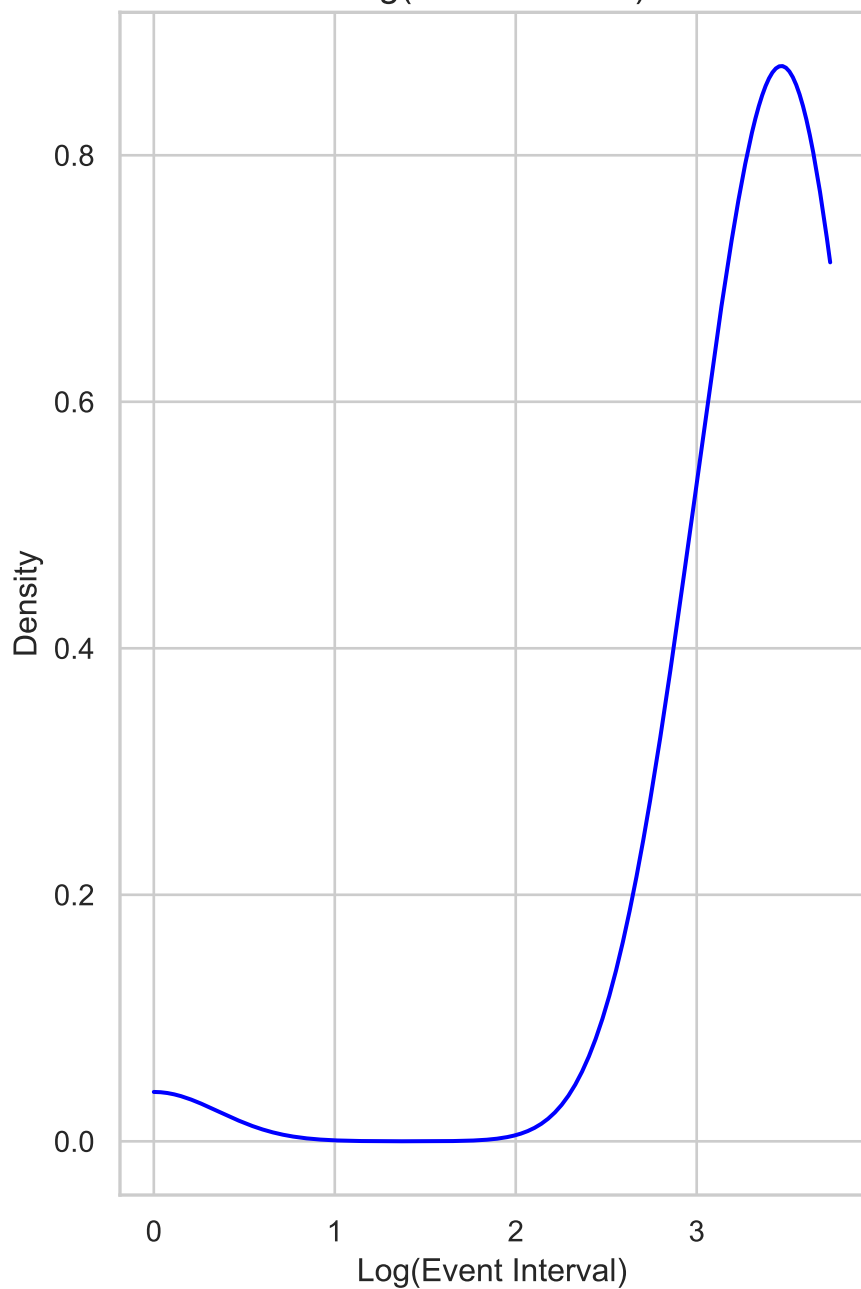
80% ECDF of Event Intervals



100% ECDF of Event Intervals

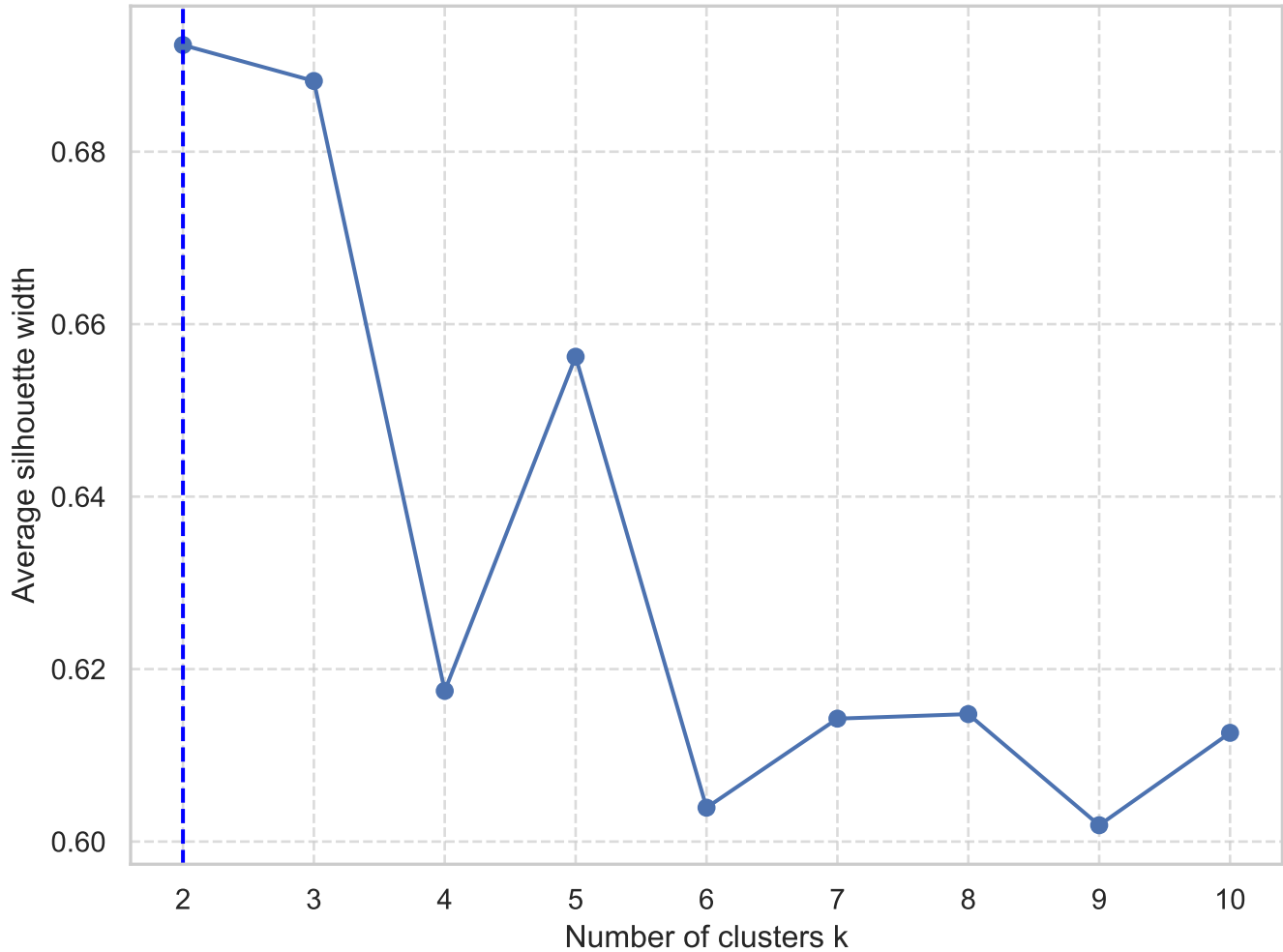


Log(event interval)



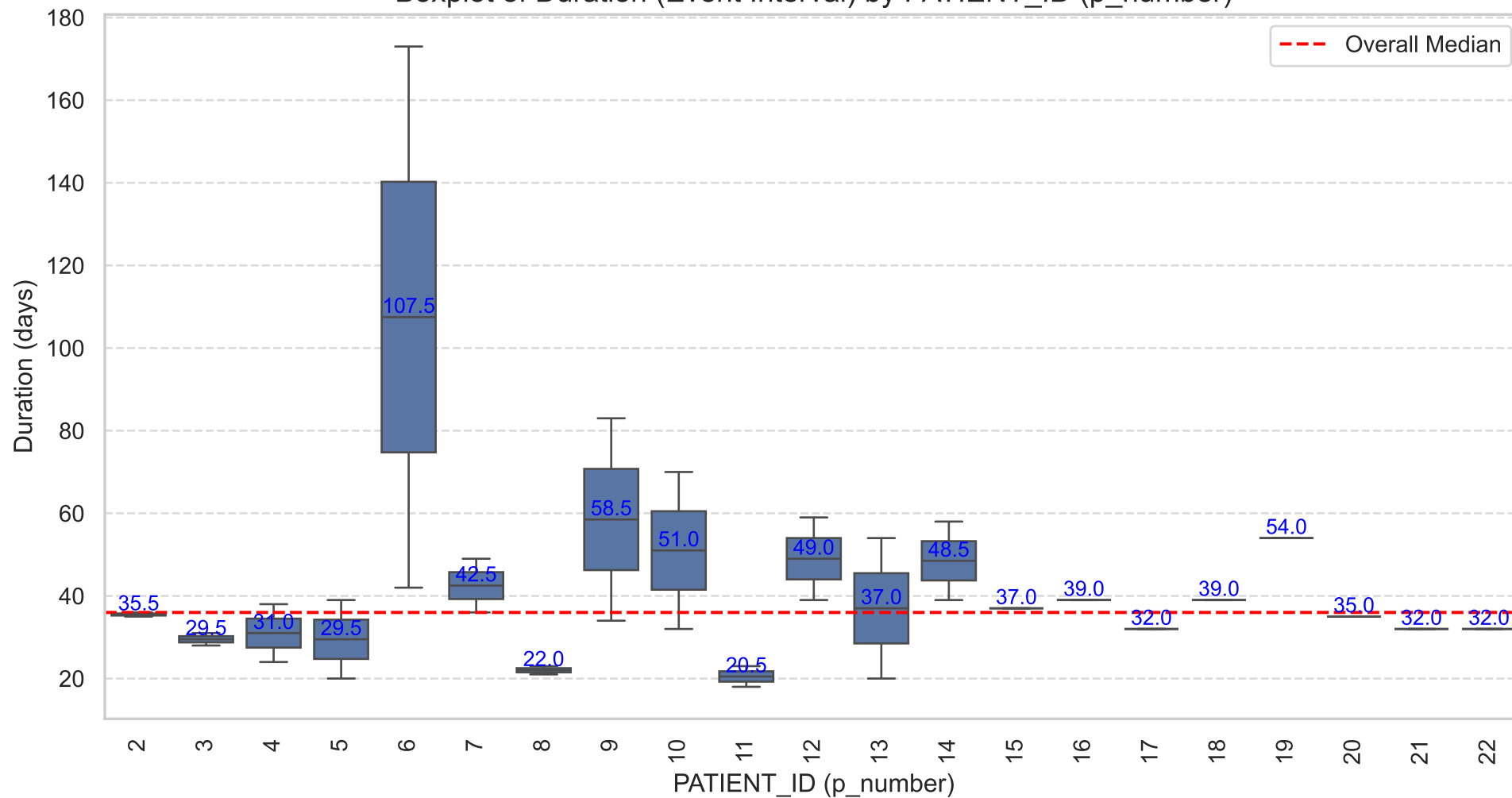
N = 28 Bandwidth = 0.3557

# Optimal number of clusters Silhouette Analysis



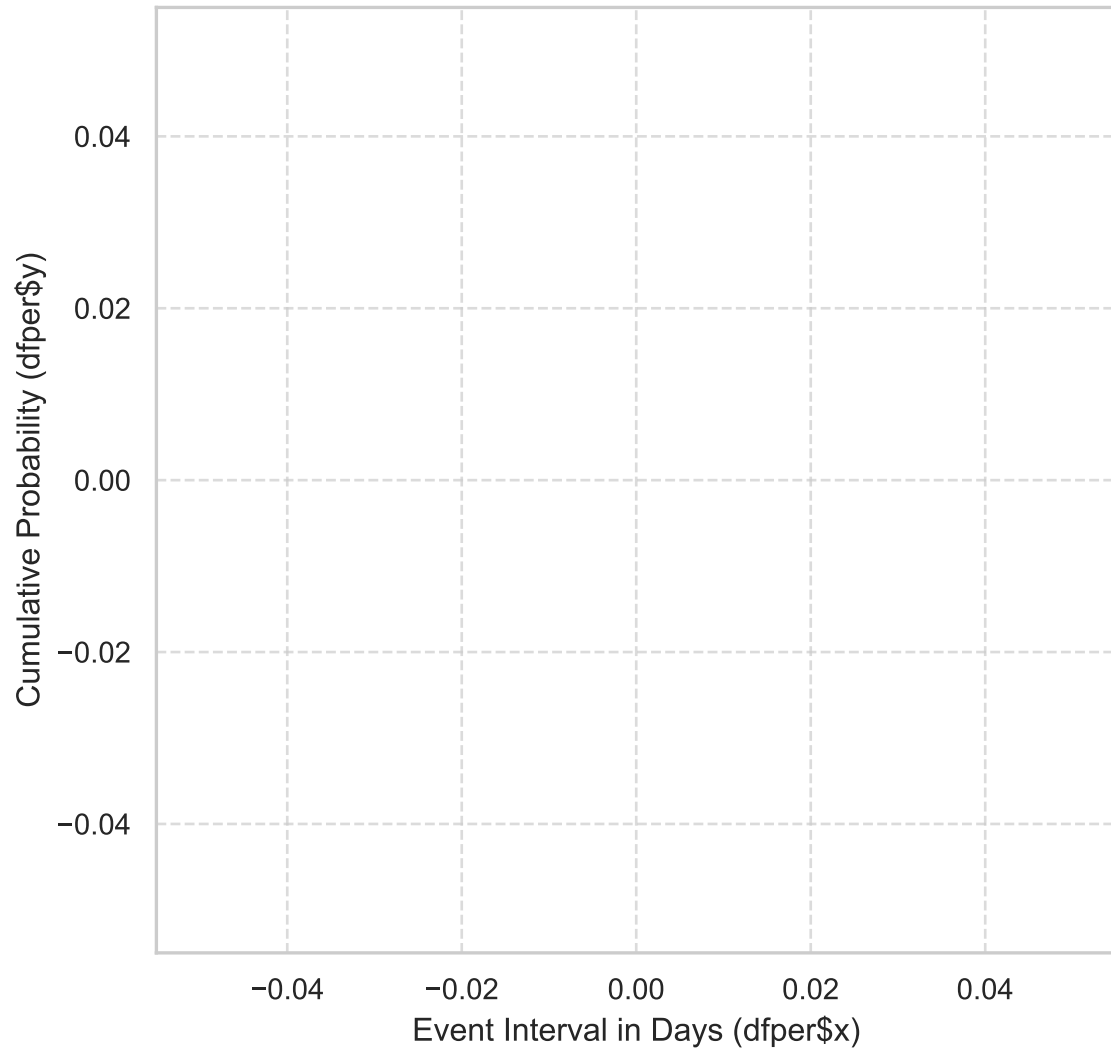


Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)

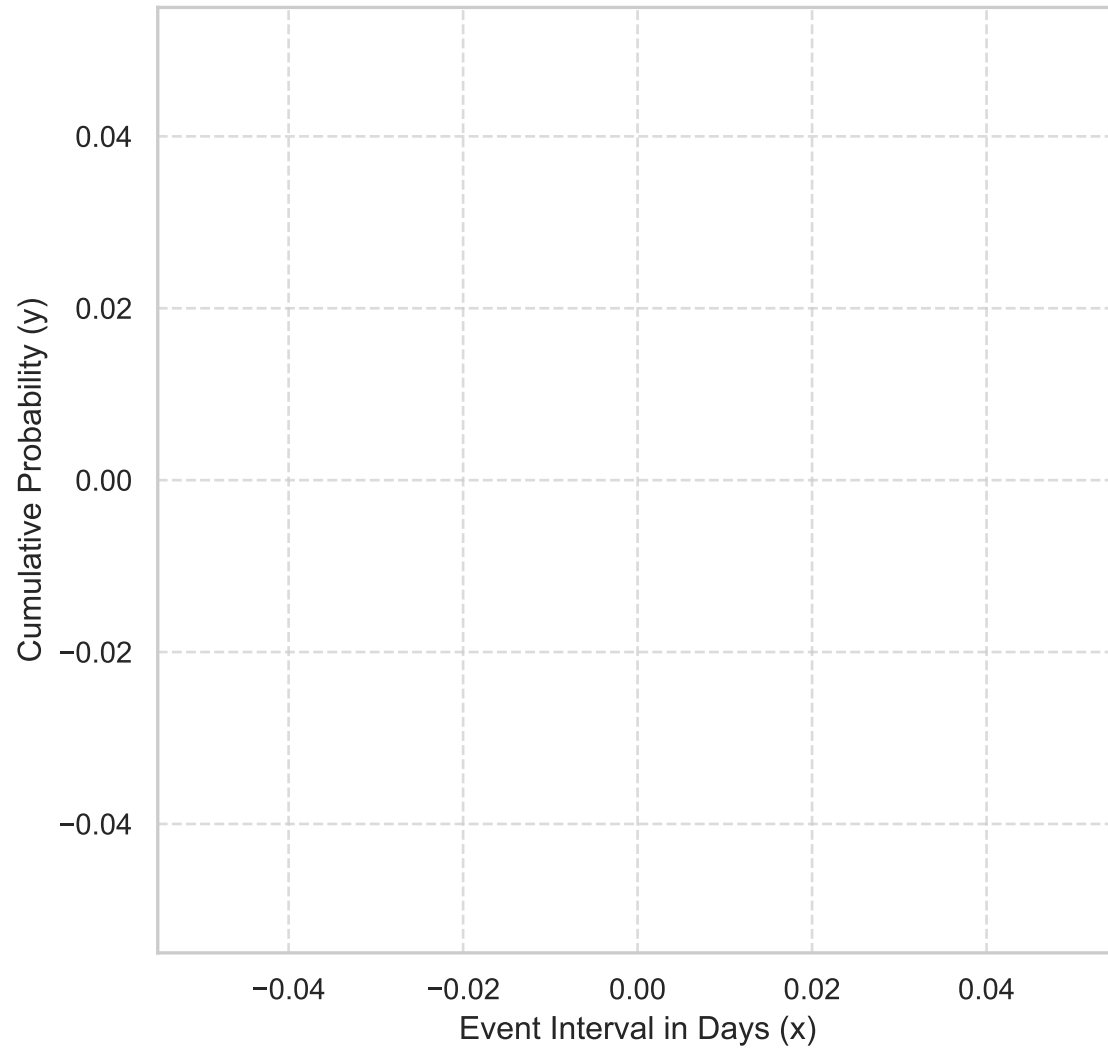


Category: A11CC01

80% ECDF of Event Intervals

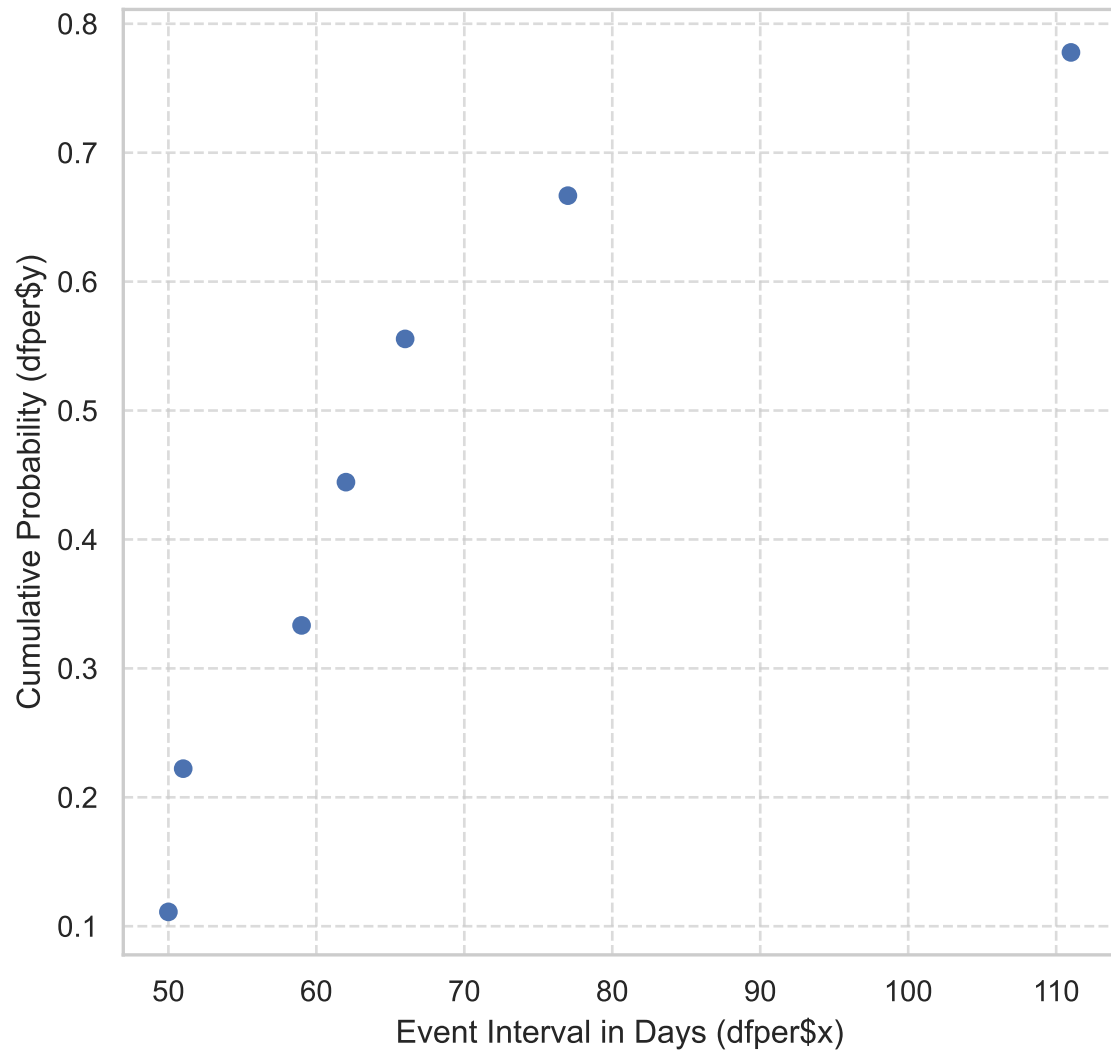


100% ECDF of Event Intervals

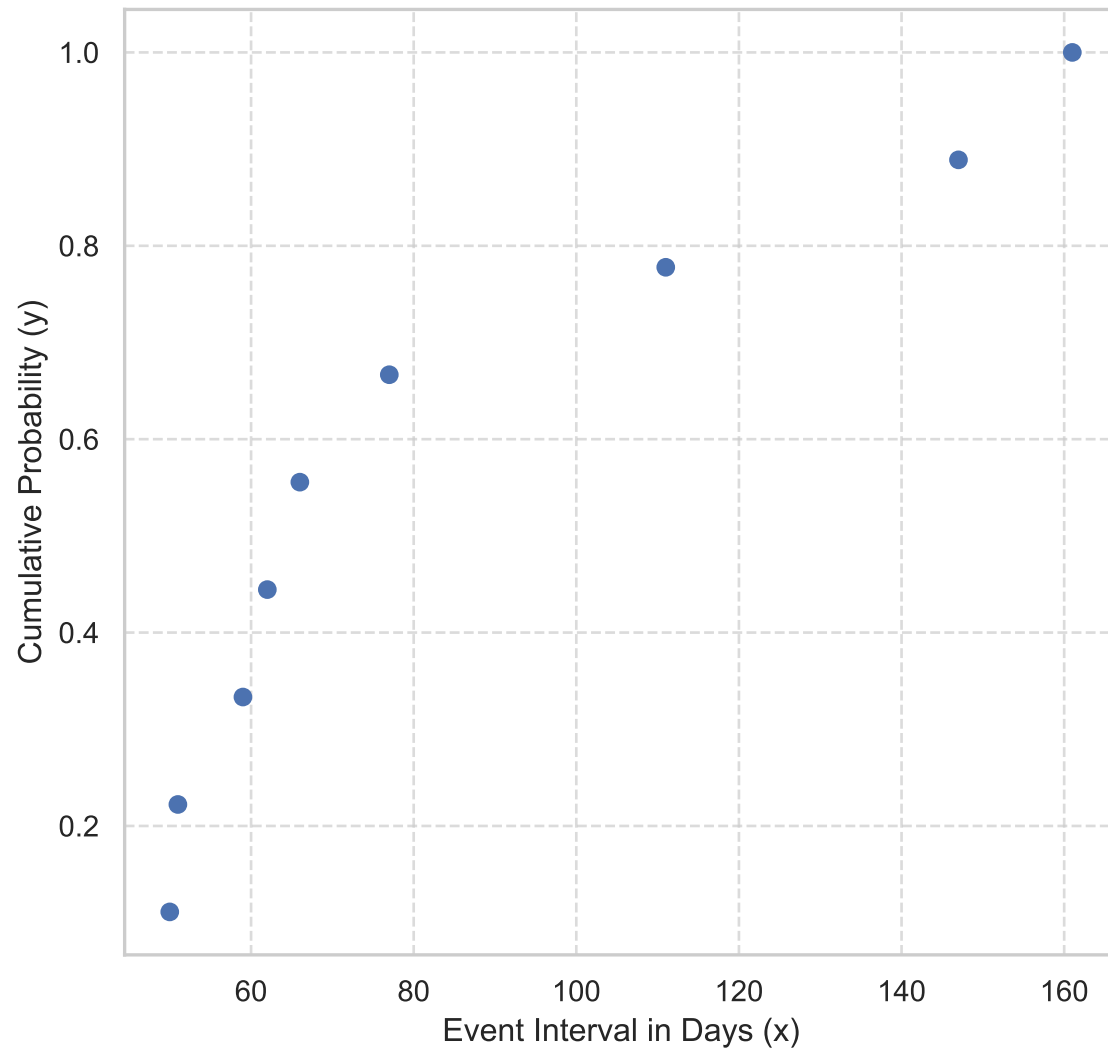


Category: J01DF01

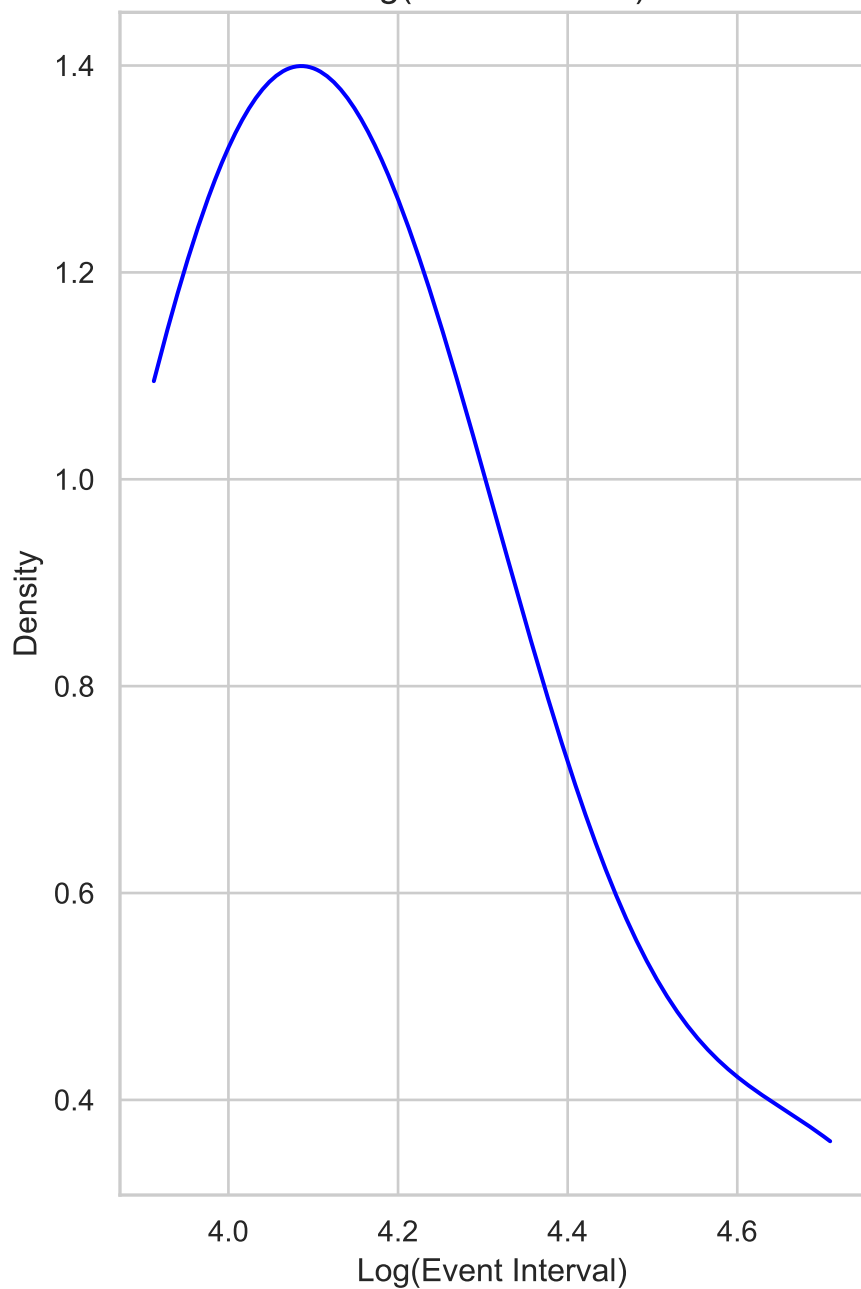
80% ECDF of Event Intervals



100% ECDF of Event Intervals

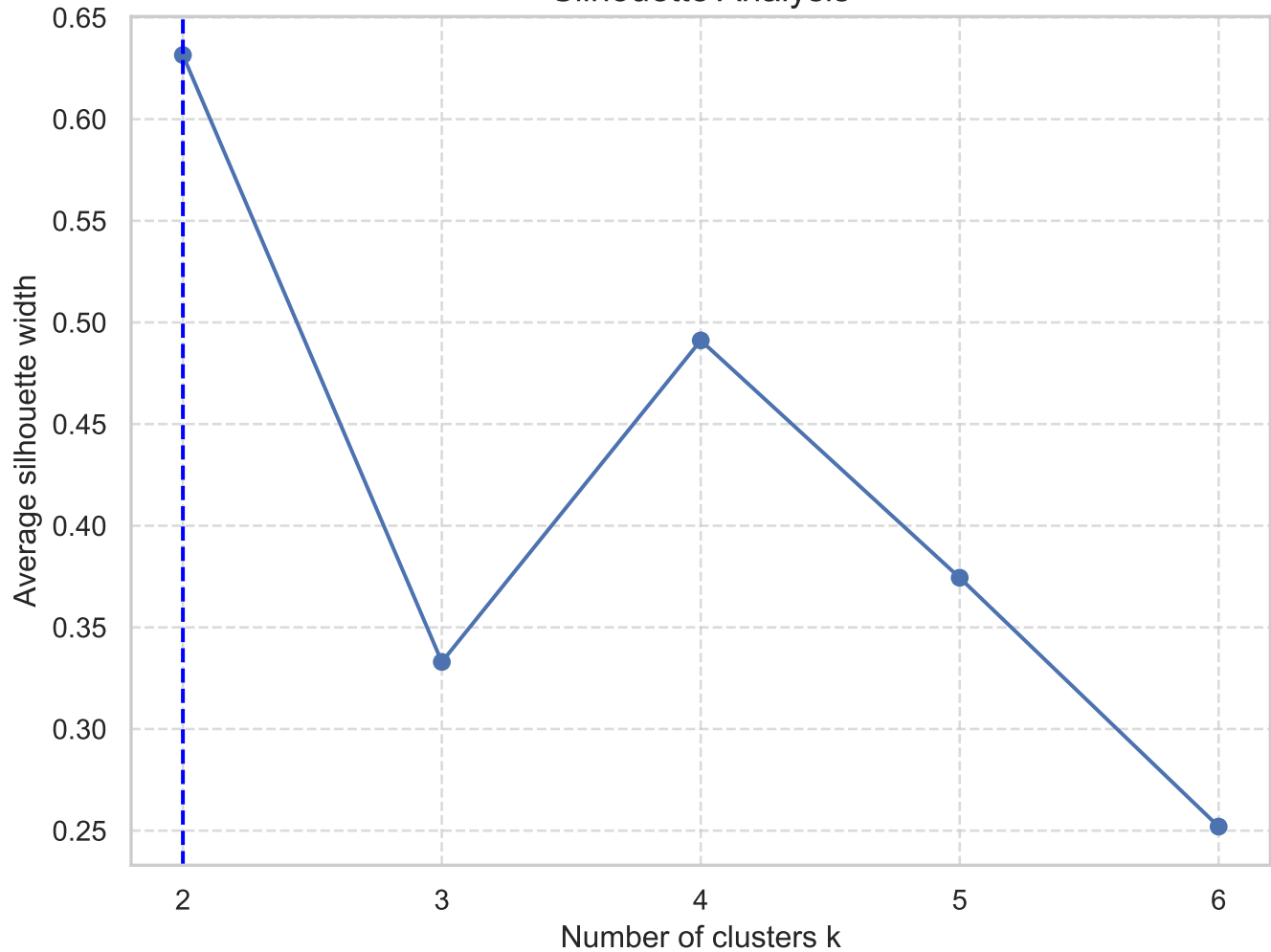


Log(event interval)

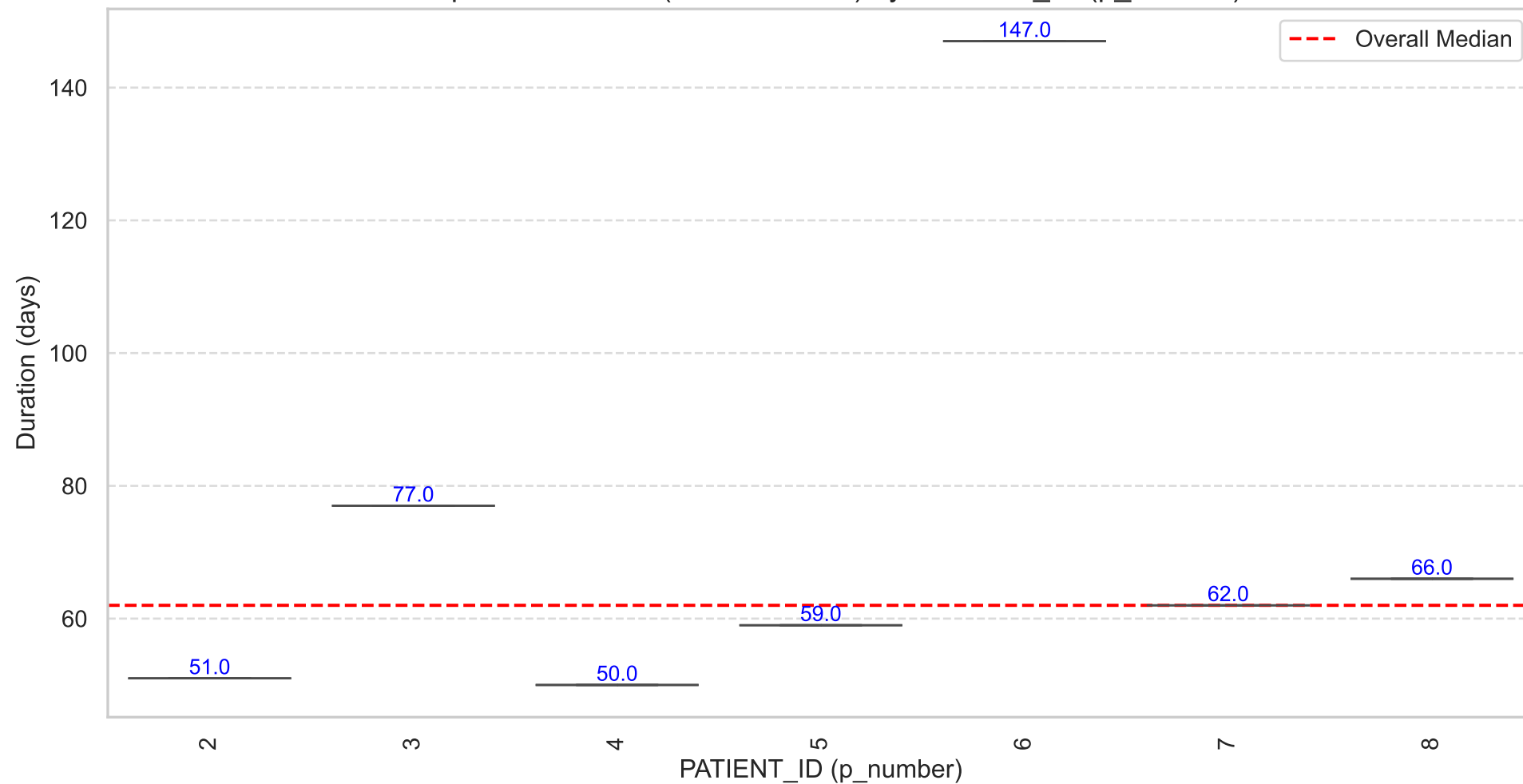


N = 7 Bandwidth = 0.1864

# Optimal number of clusters Silhouette Analysis



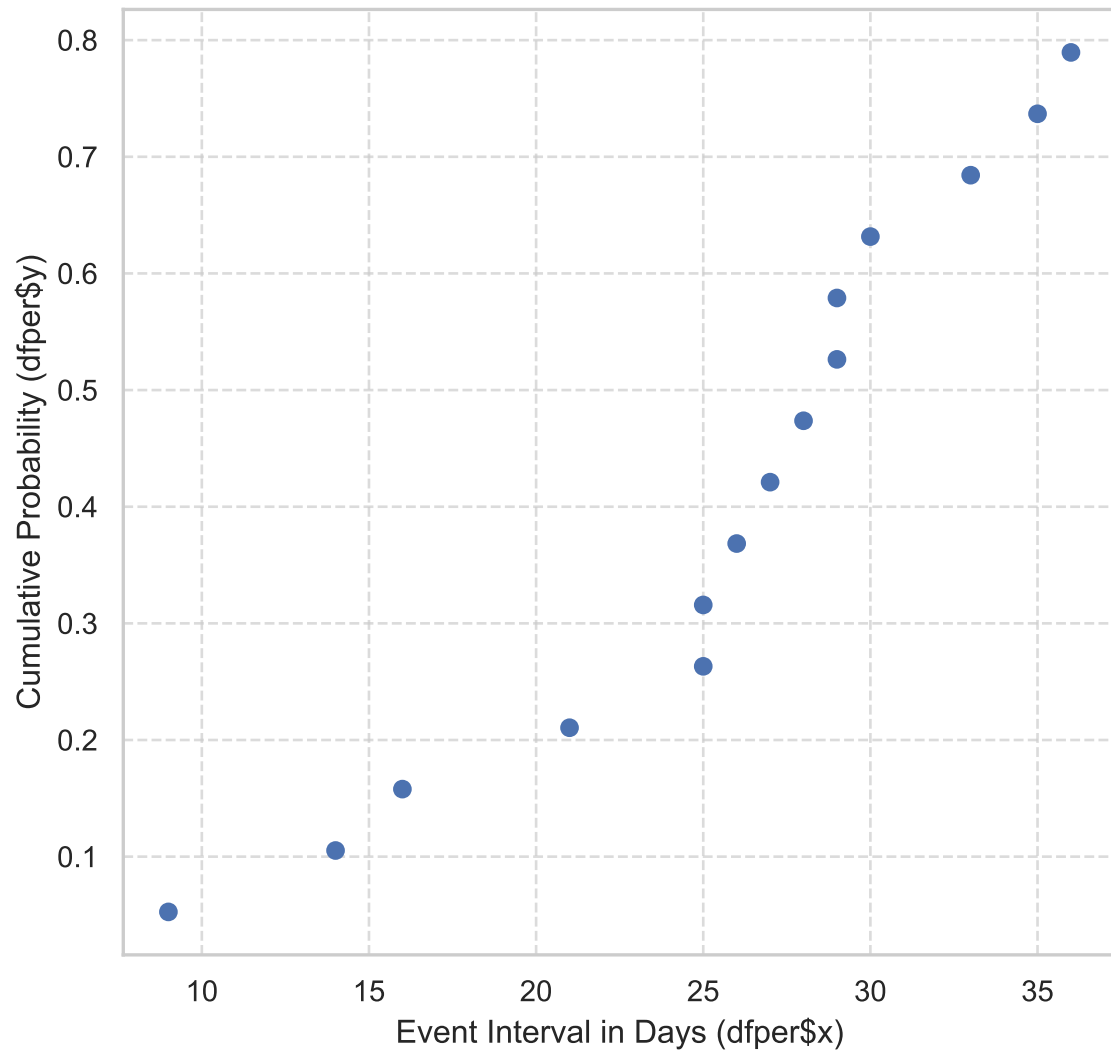
Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)



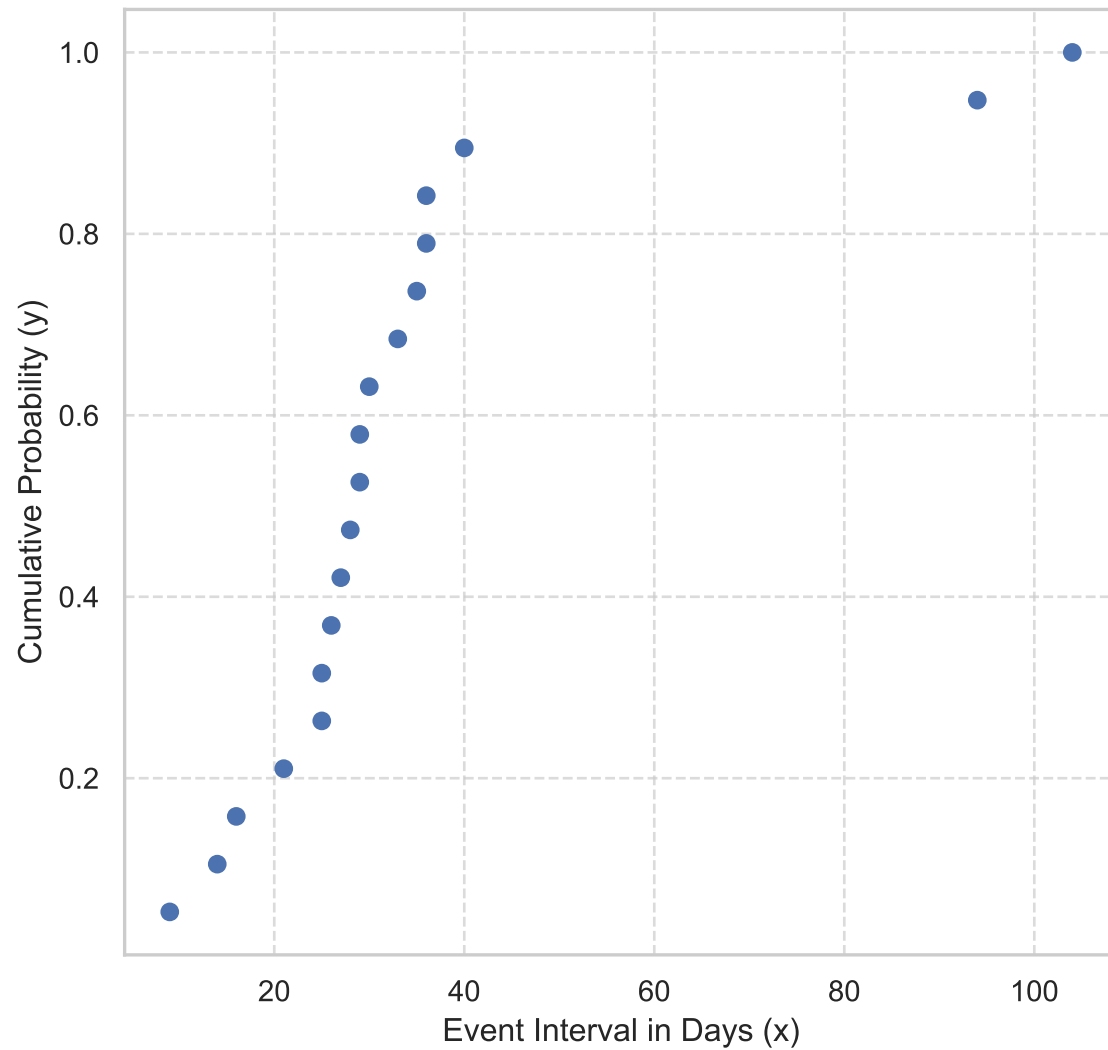


Category: A10BX02

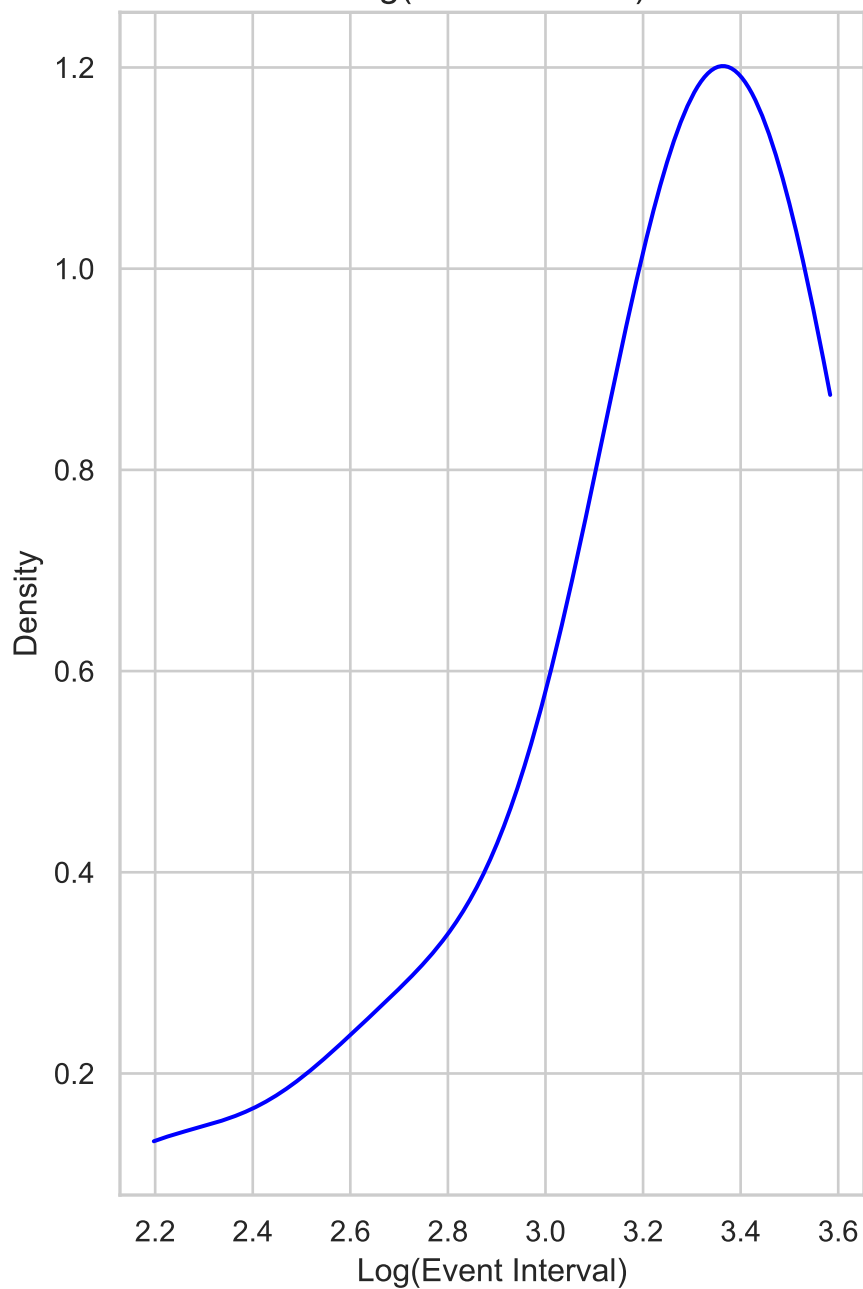
80% ECDF of Event Intervals



100% ECDF of Event Intervals

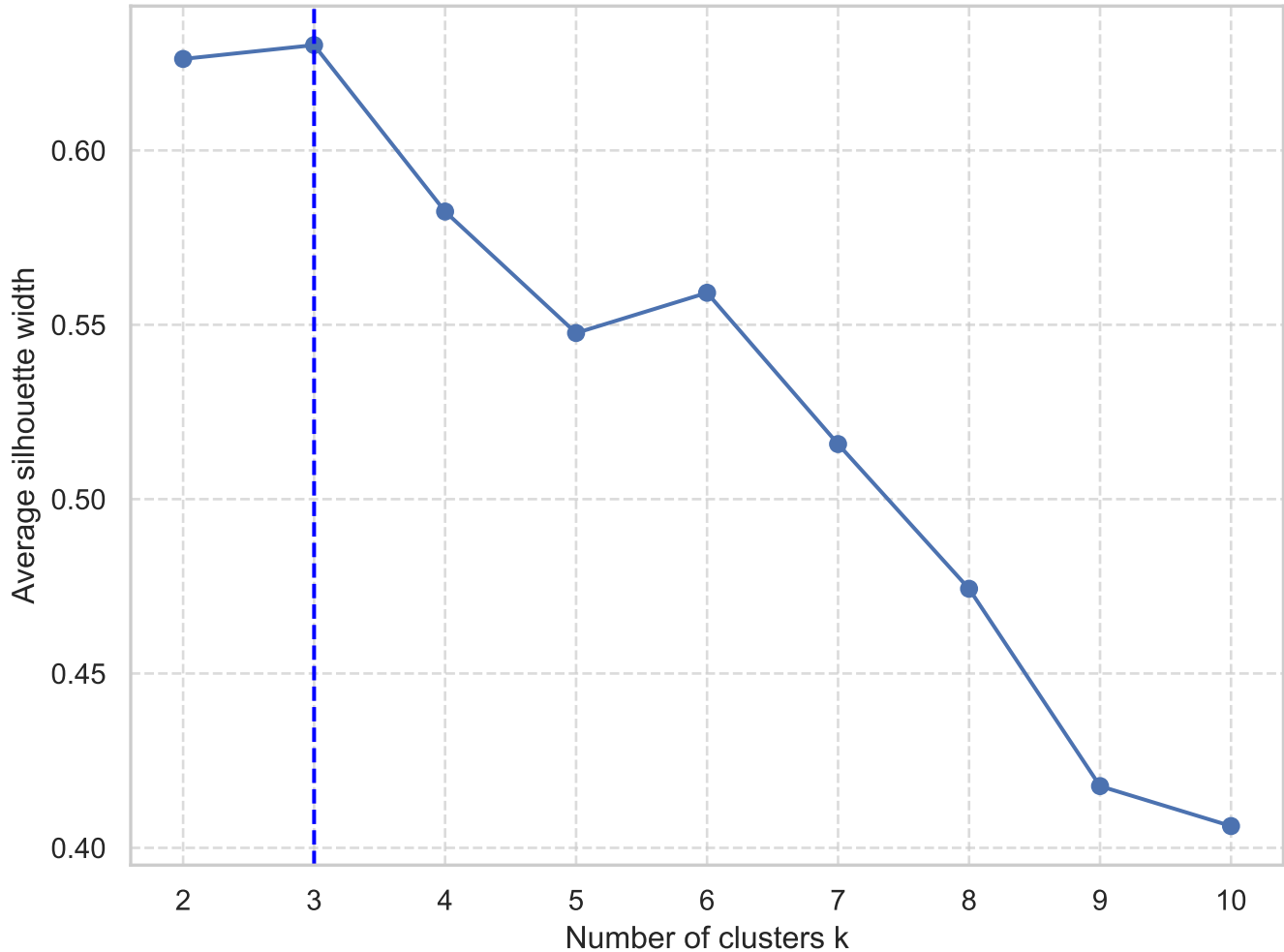


Log(event interval)

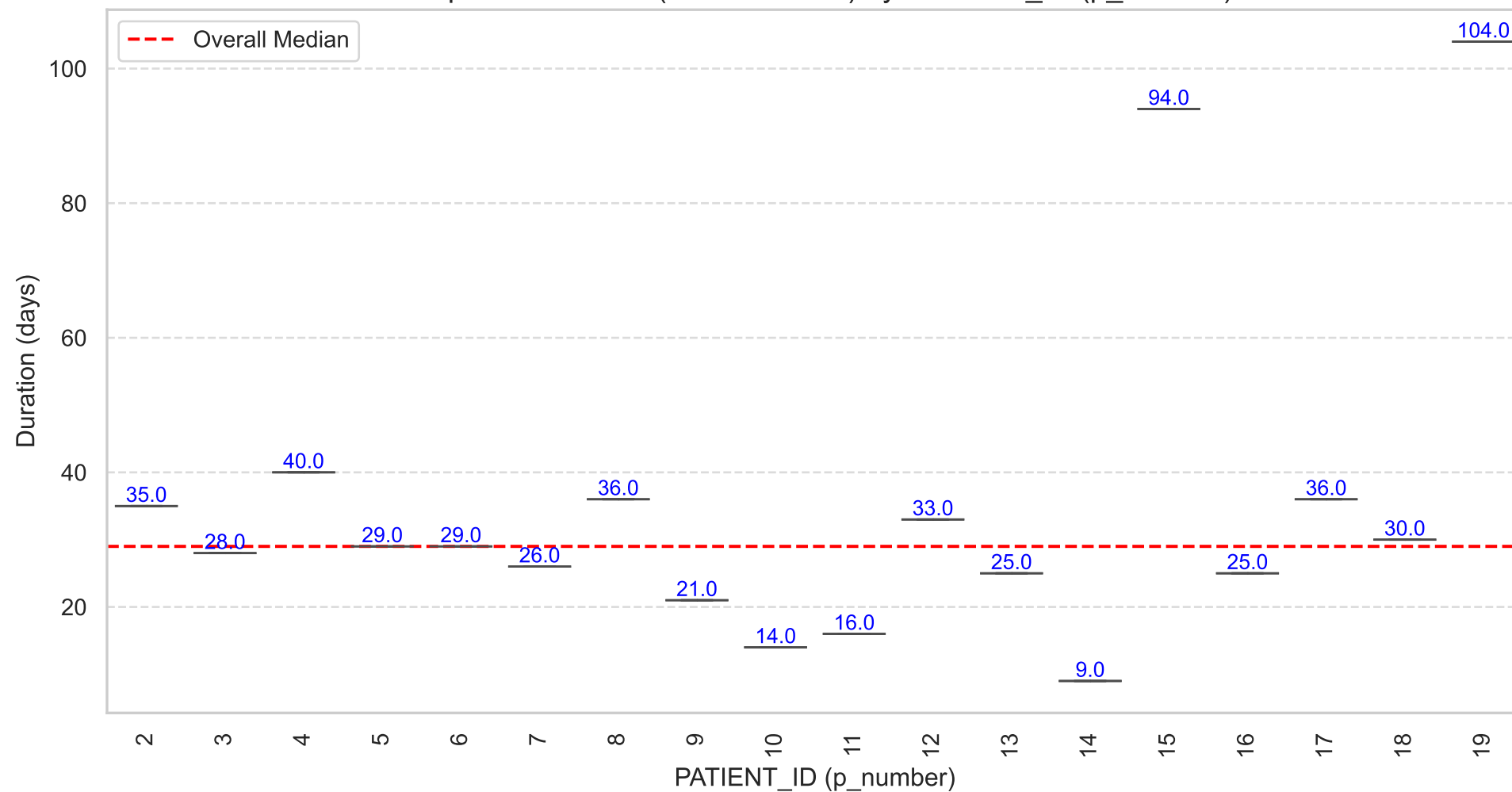


N = 16 Bandwidth = 0.2180

# Optimal number of clusters Silhouette Analysis



Boxplot of Duration (Event Interval) by PATIENT\_ID (p\_number)



Category: J01FG01

Category: J01DD13