

# Case1: Gender and TTR within NOT TOP1 implants for THA

Trident / Accolade II = NO, n = 37221

Pulled from all primary THA (Conventional + conversion, N = 47664), same inclusion criteria used in 5-year report.

Note: These parameters are generated based on the most recent 5-year report datasets

hip\_devices\_wide\_01aug2017

Thomas

08/04/2017

# THA: Primary Total Hip Arthroplasty (Conventional + conversion)

Limited to NOT top 1 implant = "Trident / Accolade II"

Overall Gender and Revision : NOT Top1 Overall N = **37221**

| Gender_ID1 | Gender_Value1 | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------|---------------|-----------|---------|----------------------|--------------------|
| 1          | Male          | 16606     | 44.61   | 16606                | 44.61              |
| 2          | Female        | 20604     | 55.36   | 37210                | 99.97              |
| 999        | Unknown       | 11        | 0.03    | 37221                | 100.00             |

| Revision | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|----------|-----------|---------|----------------------|--------------------|
| 0        | 36551     | 98.20   | 36551                | 98.20              |
| 1        | 670       | 1.80    | 37221                | 100.00             |

NOT Top1 Overall N = **37221**  
Revision Rate by Gender

| Gender_ID1 | Gender_Value1 | Revision | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------|---------------|----------|-----------|---------|----------------------|--------------------|
| 2          | Female        | 0        | 20218     | 98.13   | 20218                | 98.13              |
| 2          | Female        | 1        | 386       | 1.87    | 20604                | 100.00             |

| Gender_ID1 | Gender_Value1 | Revision | Frequency | Percent | Cumulative Frequency | Cumulative Percent |
|------------|---------------|----------|-----------|---------|----------------------|--------------------|
| 1          | Male          | 0        | 16322     | 98.29   | 16322                | 98.29              |
| 1          | Male          | 1        | 284       | 1.71    | 16606                | 100.00             |

Overall TTR for NOT Top1 Overall N = **37221**

| Variable           | Label                                    | N     | N Miss | Mean  | Std Dev | Median | Quartile Range |
|--------------------|--|-------|--------|-------|---------|--------|----------------|
| DaysToRevision     |  | 688   | 36533  | 225.0 | 285.6   | 114.0  | 276.0          |
| DaysToRevision_fix | DaysToRevision_fix: time to 1st revision | 37221 | 0      | 663.6 | 437.1   | 616.0  | 686.0          |

36533 censored at 12/31/2016.

So DaysToRevision\_fix filled by #days from Date of Case to Study\_end

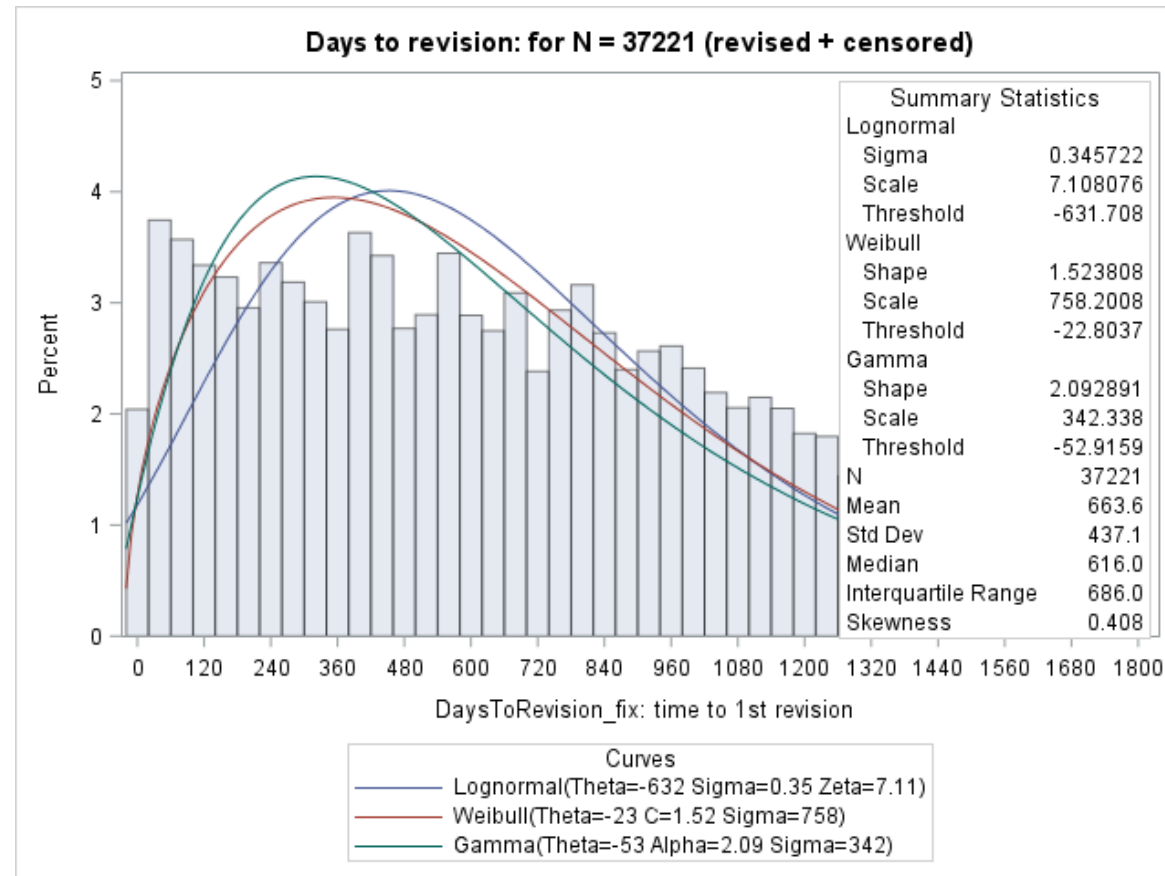
TTR for NOT Top1 Overall N = **37221** by gender

| Gender_Value1 | N Obs | Variable           | Label                                    | N     | N Miss | Mean  | Std Dev | Median | Quartile Range |
|---------------|-------|--------------------|--|-------|--------|-------|---------|--------|----------------|
| Female        | 20604 | DaysToRevision     |  | 398   | 20206  | 231.0 | 285.6   | 116.5  | 309.0          |
|               |       | DaysToRevision_fix | DaysToRevision_fix: time to 1st revision | 20604 | 0      | 663.7 | 437.4   | 612.0  | 684.0          |
| Male          | 16606 | DaysToRevision     |  | 290   | 16316  | 216.7 | 285.8   | 112.0  | 205.0          |
|               |       | DaysToRevision_fix | DaysToRevision_fix: time to 1st revision | 16606 | 0      | 663.3 | 436.6   | 623.5  | 691.0          |
| Unknown       | 11    | DaysToRevision     |  | 0     | 11     | .     | .       | .      | .              |
|               |       | DaysToRevision_fix | DaysToRevision_fix: time to 1st revision | 11    | 0      | 844.7 | 354.2   | 1075.0 | 704.0          |

# THA: Primary Total Hip Arthroplasty (Conventional+conversion)

Limited to NOT top 1 implant = “Trident / Accolade II”

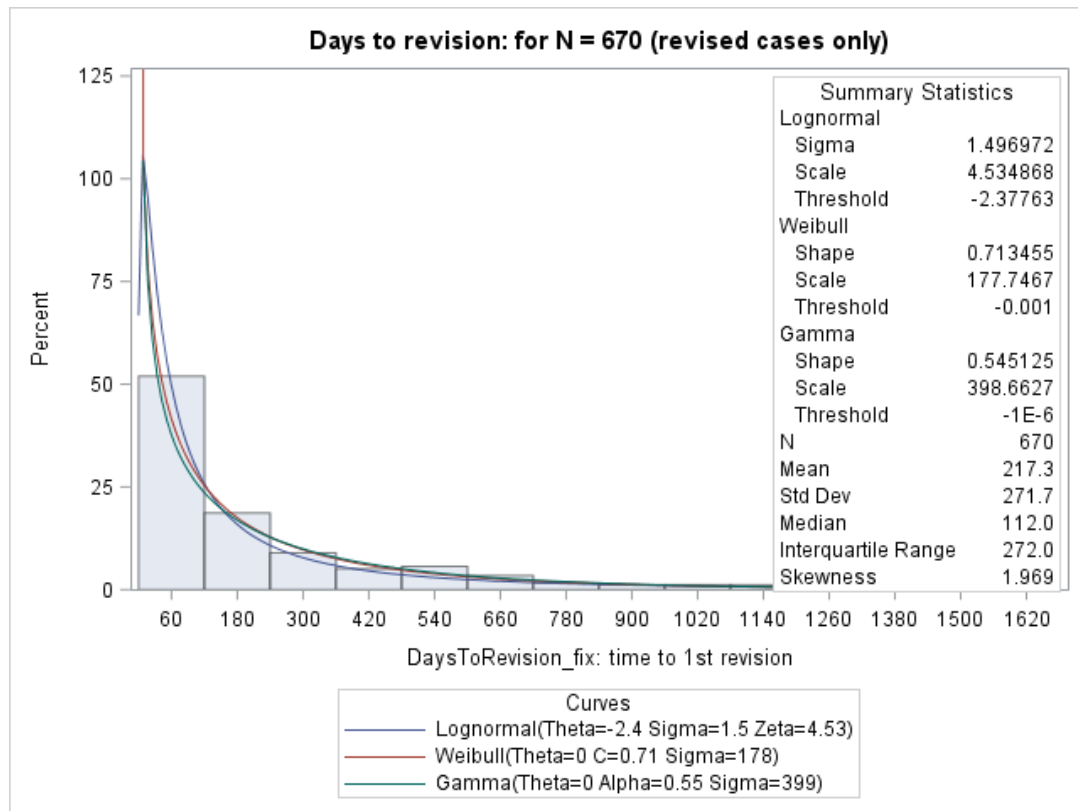
N = **37221**, including 670 revised (time to revision), and all other non-revised (time to censoring)



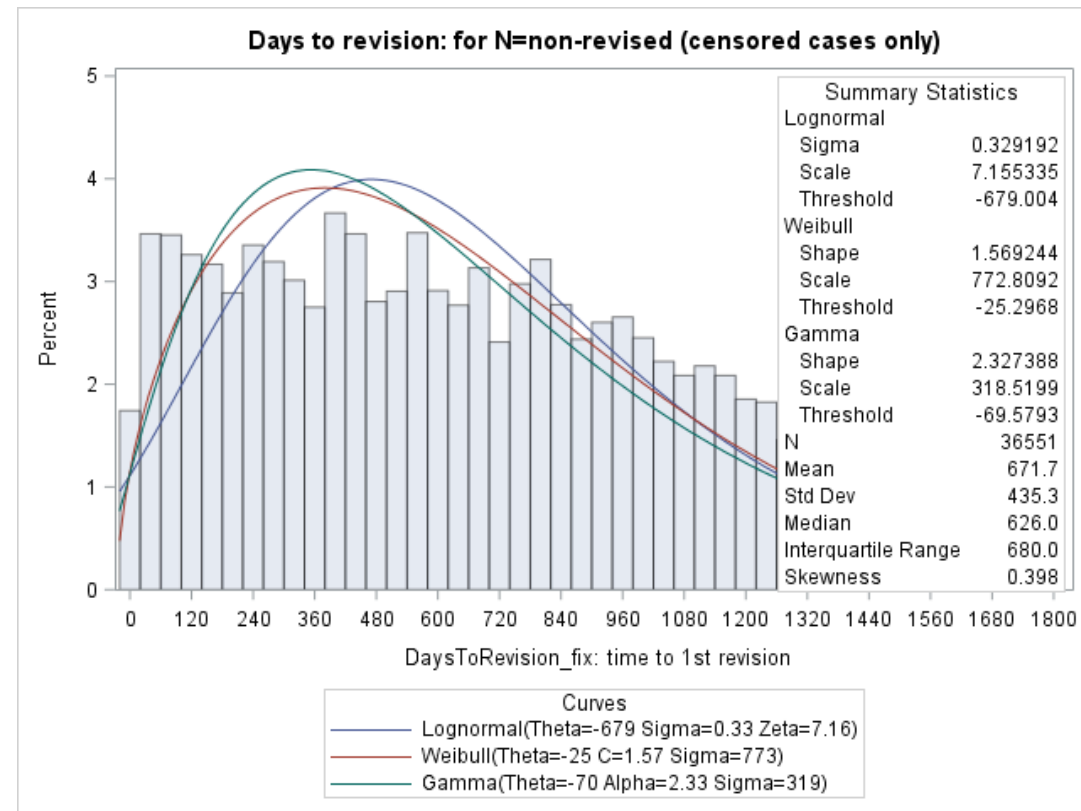
# THA: Primary Total Hip Arthroplasty (Conventional + conversion)

Limited to NOT top 1 implant = "Trident / Accolade II"

N = 670 revised (time to revision)



N = all non-revised (time to censoring)

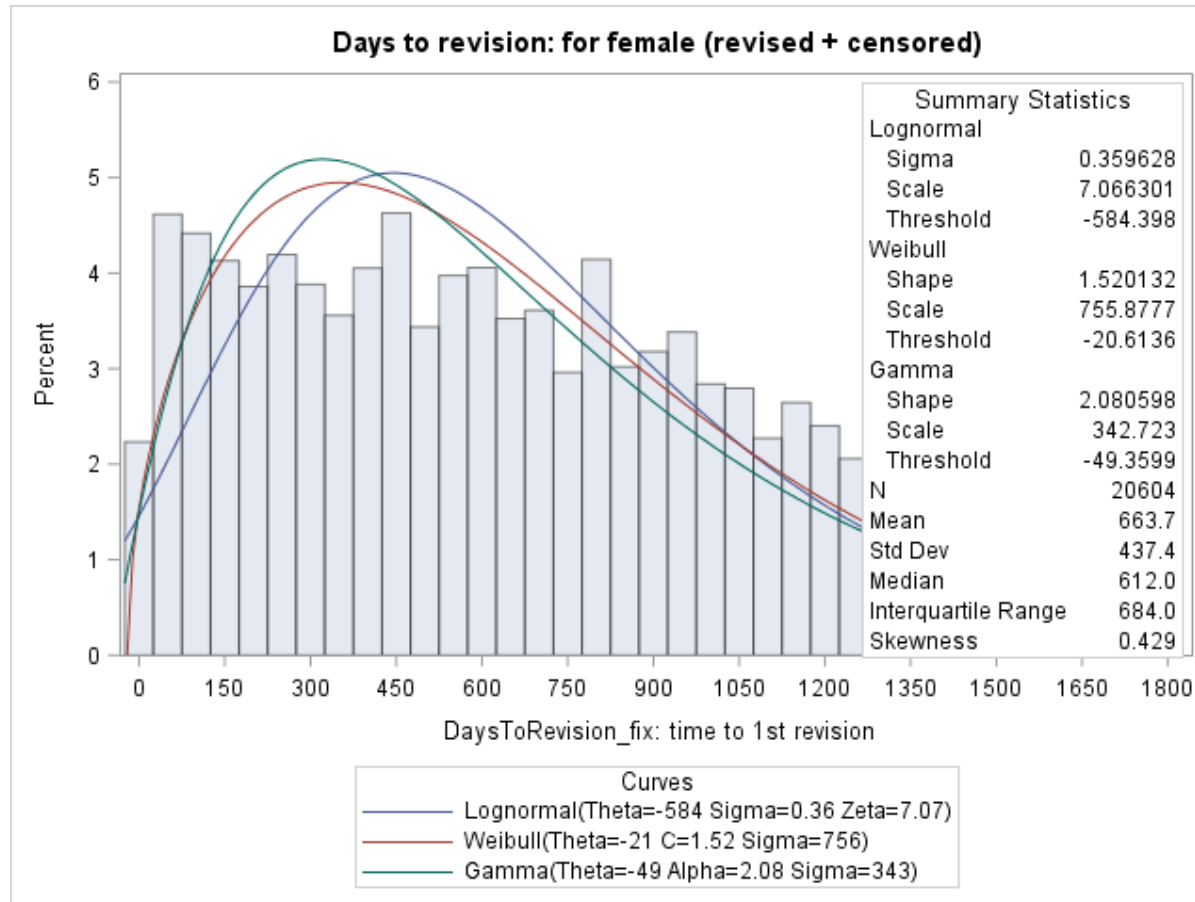


# THA: Primary Total Hip Arthroplasty (Conventional + conversion)

Limited to NOT top 1 implant = “Trident / Accolade II”

Female ONLY

including revised (time to revision), and non-revised (time to censoring)

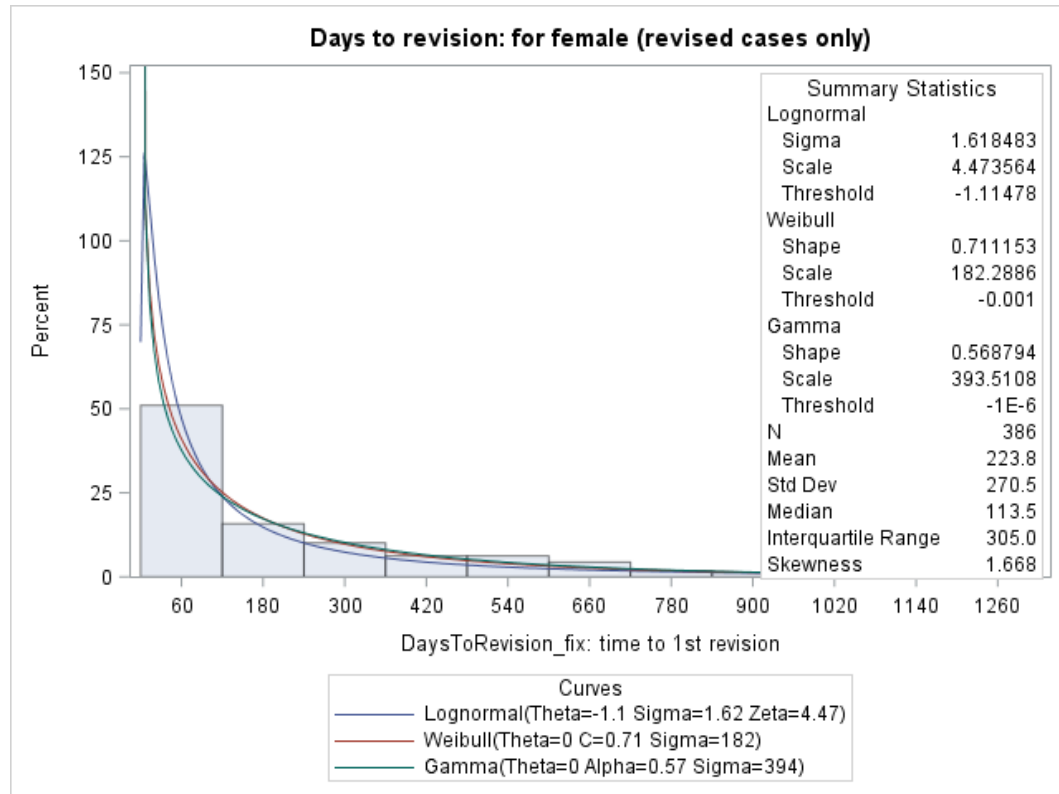


# THA: Primary Total Hip Arthroplasty (Conventional)

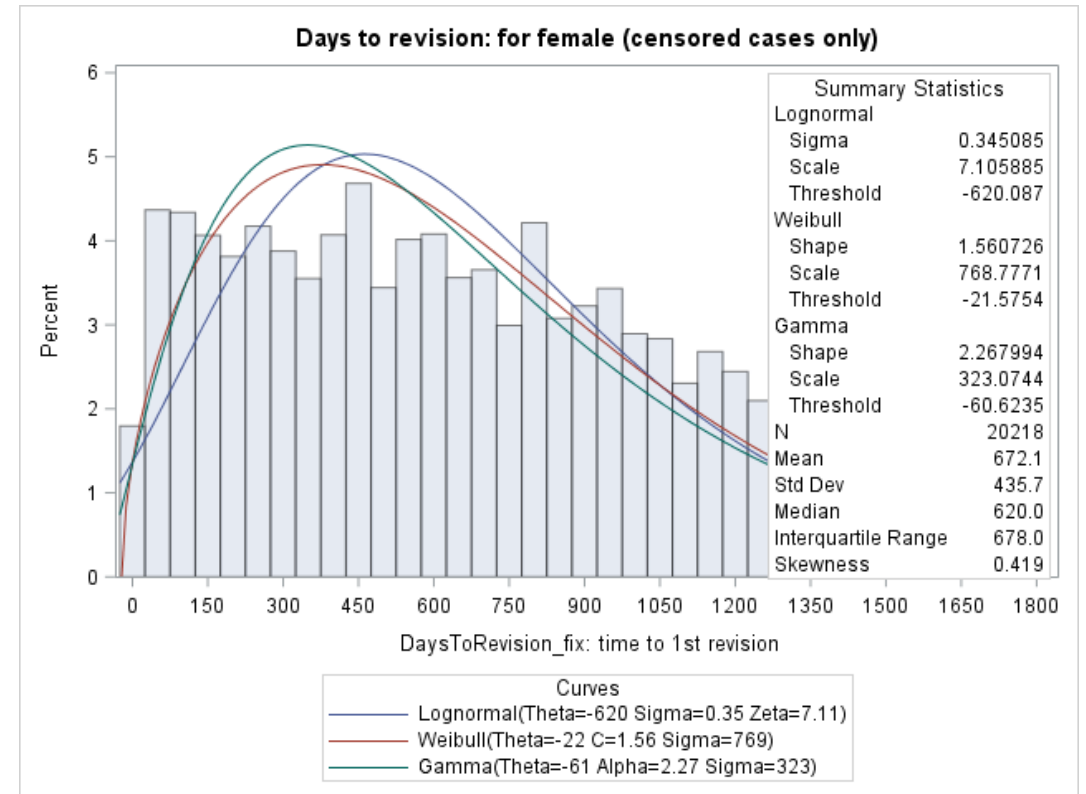
Limited to NOT top 1 implant = "Trident / Accolade II"

Female ONLY

Revised only (time to revision)



non-revised (time to censoring)

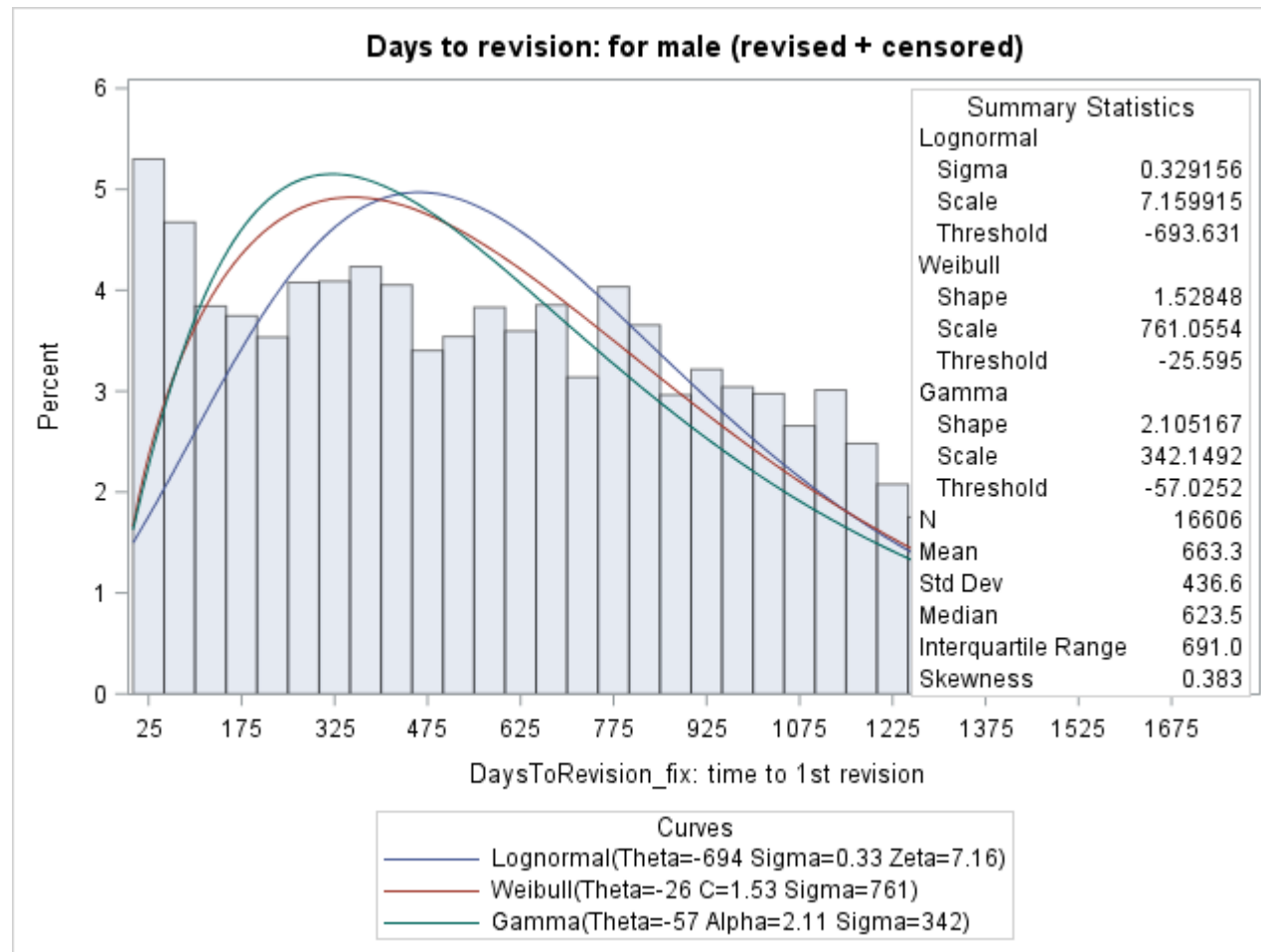


# THA: Primary Total Hip Arthroplasty (Conventional)

Limited to NOT top 1 implant = "Trident / Accolade II"

Male ONLY

including revised (time to revision), and non-revised (time to censoring)

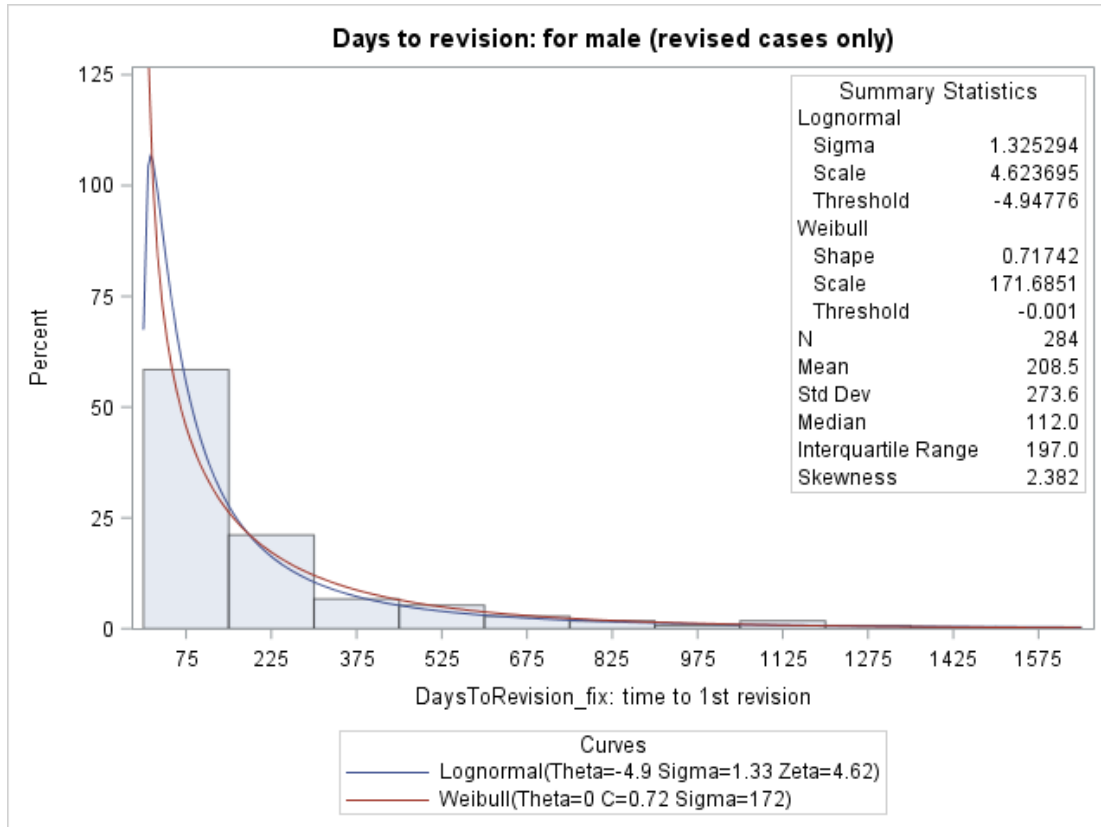


# THA: Primary Total Hip Arthroplasty (Conventional)

Limited to NOT top 1 implant = "Trident / Accolade II"

Male ONLY

revised (time to revision)



non-revised (time to censoring)

