

# Data Analytics Update

Jill Jakubus, PA-C



# Meeting Reports – **New Report Section**

## **Contents**

|  |           |
|--|-----------|
| Description of Cohorts .....             | 2         |
| Statistical Methods .....                | 8         |
| Mortality Graphs .....                   | 9         |
| Trends .....                             | 20        |
| Outcomes .....                           | 21        |
| Resource Utilization .....               | 29        |
| System Efficiency .....                  | 35        |
| Process Measures .....                   | 38        |
| CQI Performance Index .....              | 40        |
| <b>Isolated Hip Fracture – NEW .....</b> | <b>44</b> |

## **Cohort 8 (Isolated Hip Fracture)**

- 1) Mechanism derived from external cause code = Fall
- 2) AIS 98 code = 851810.3 (femur, fracture, intertrochanteric), 851812.3 (femur, fracture, neck), 851818.3 (femur, fracture, subtrochanteric), or 853171.3 (femur, fracture, femoral head)
- 3) All other injuries must be in AIS external body region (i.e., bruise, abrasion or laceration)

# Isolated Hip Fracture

I have the **oldest** patients

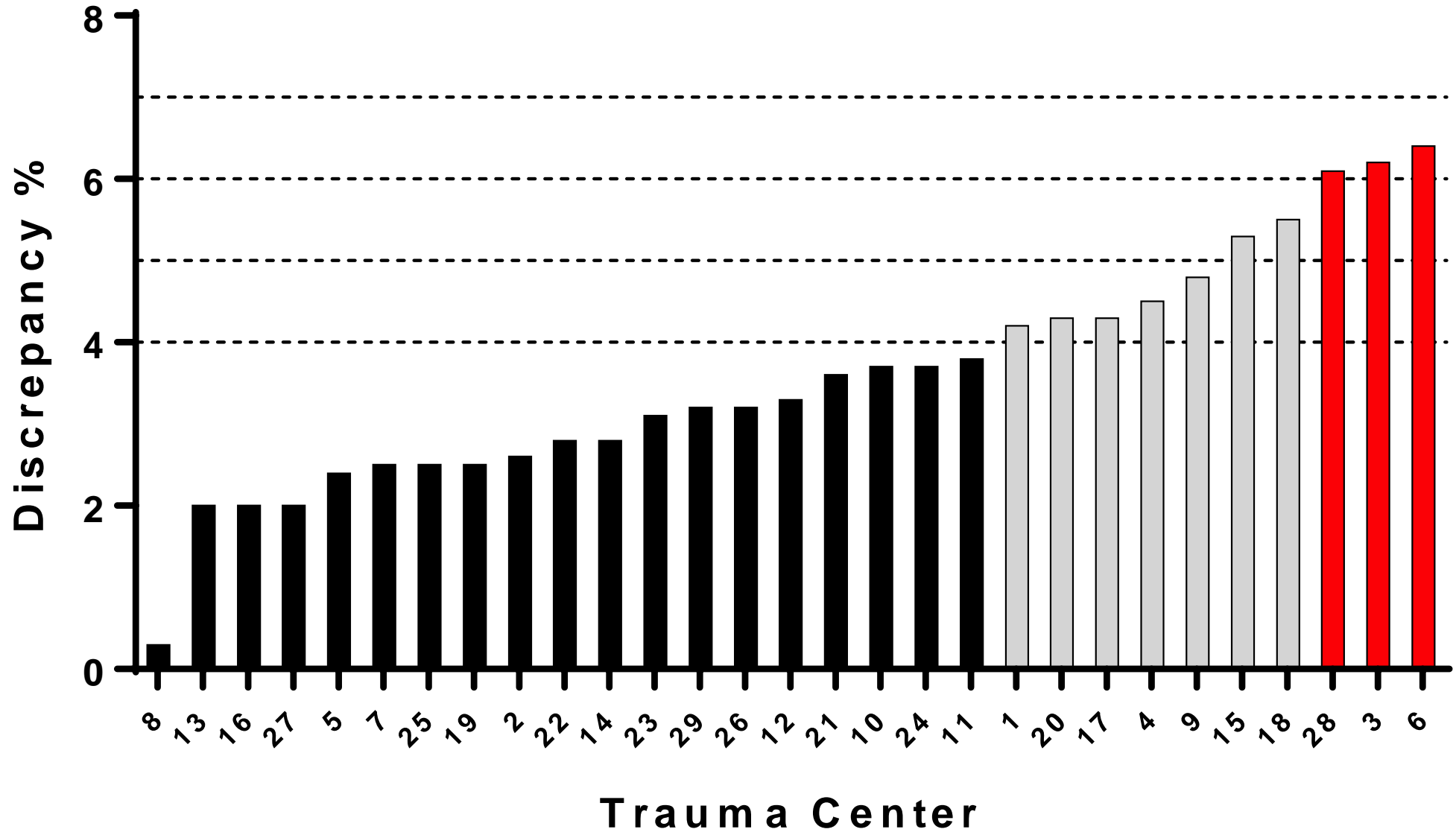
# Mean Age – Cohort 8 w/o DOA Isolated Hip Fracture



The data is **wrong**

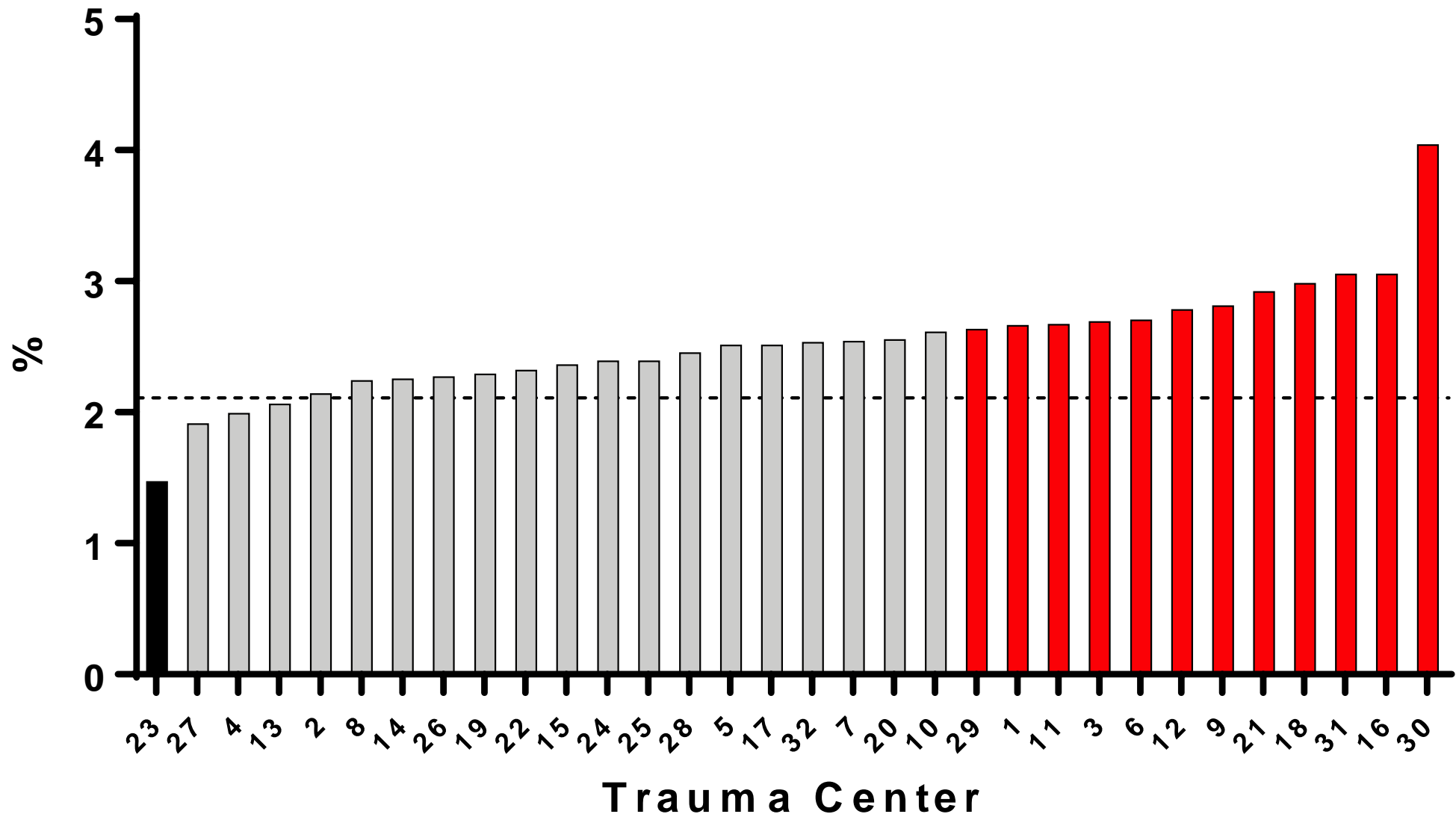
# Data Validation

## Last Processed Report



# Mortality - Cohort 8 w/o DOA

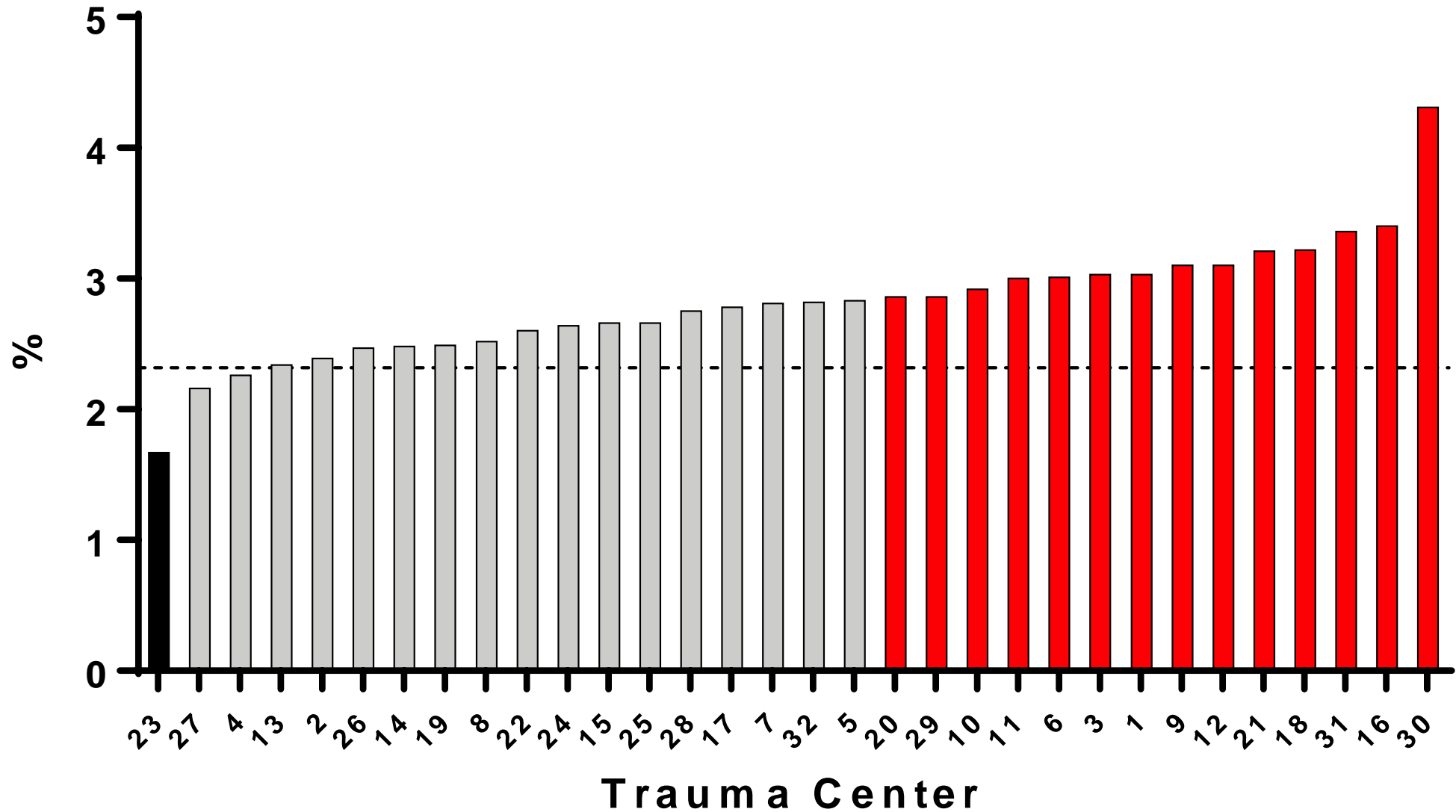
## Isolated Hip Fracture





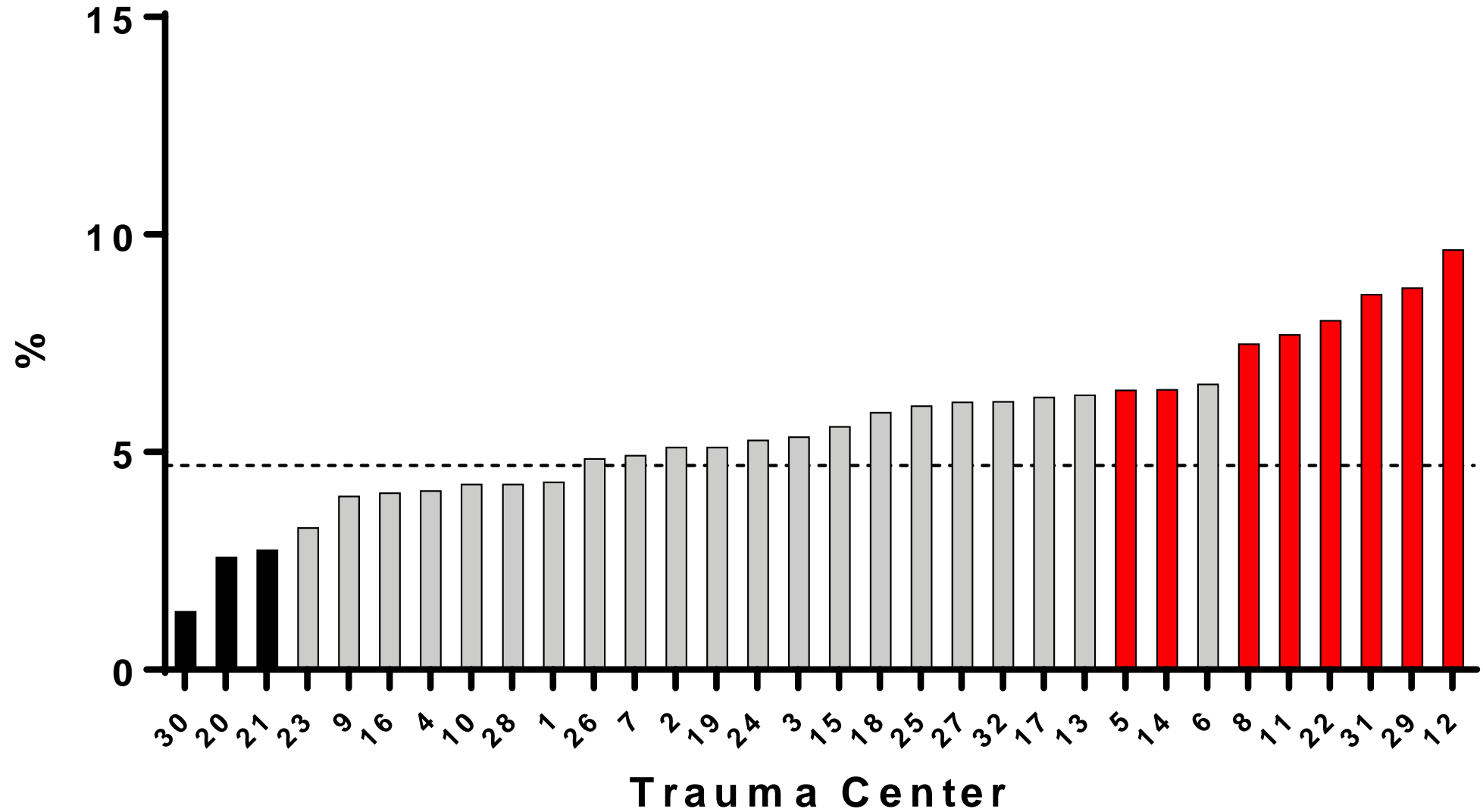
# Mortality - Cohort 8 w/o DOA, Age $\geq$ 65

## Isolated Hip Fracture



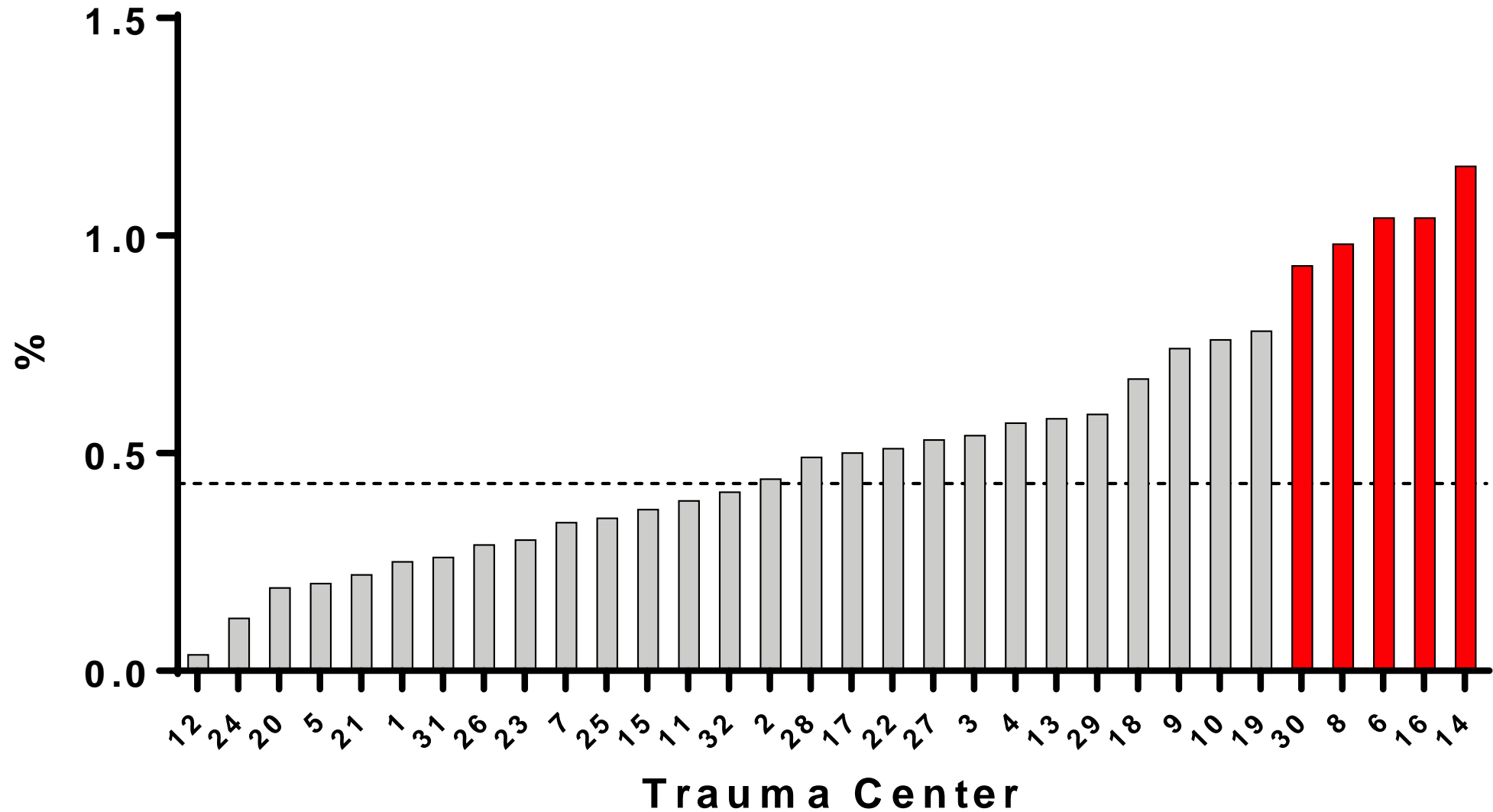
# Serious Complications - Cohort 8

## Isolated Hip Fracture



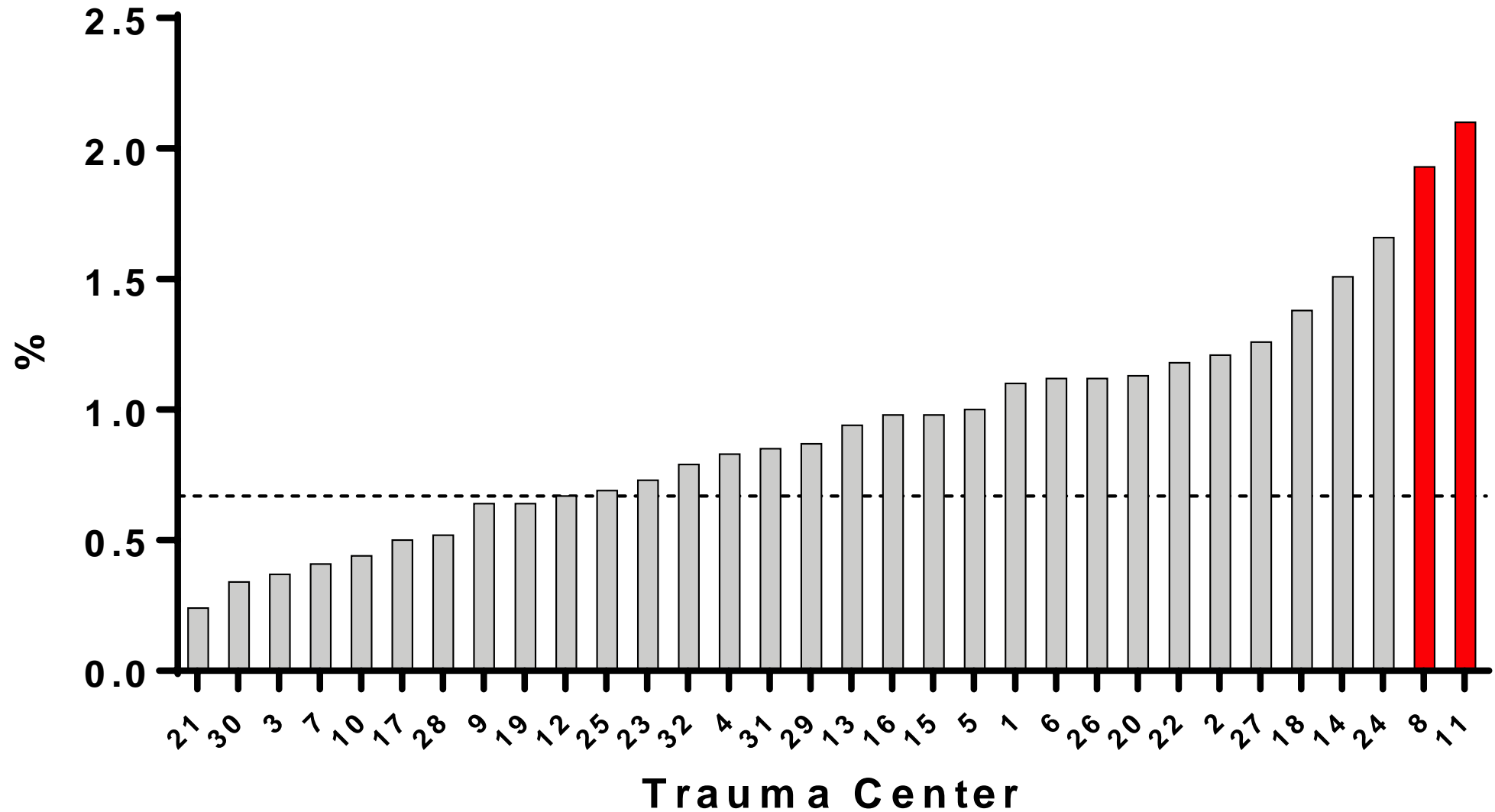
# Cardiac Arrest with CPR - Cohort 8

## Isolated Hip Fracture



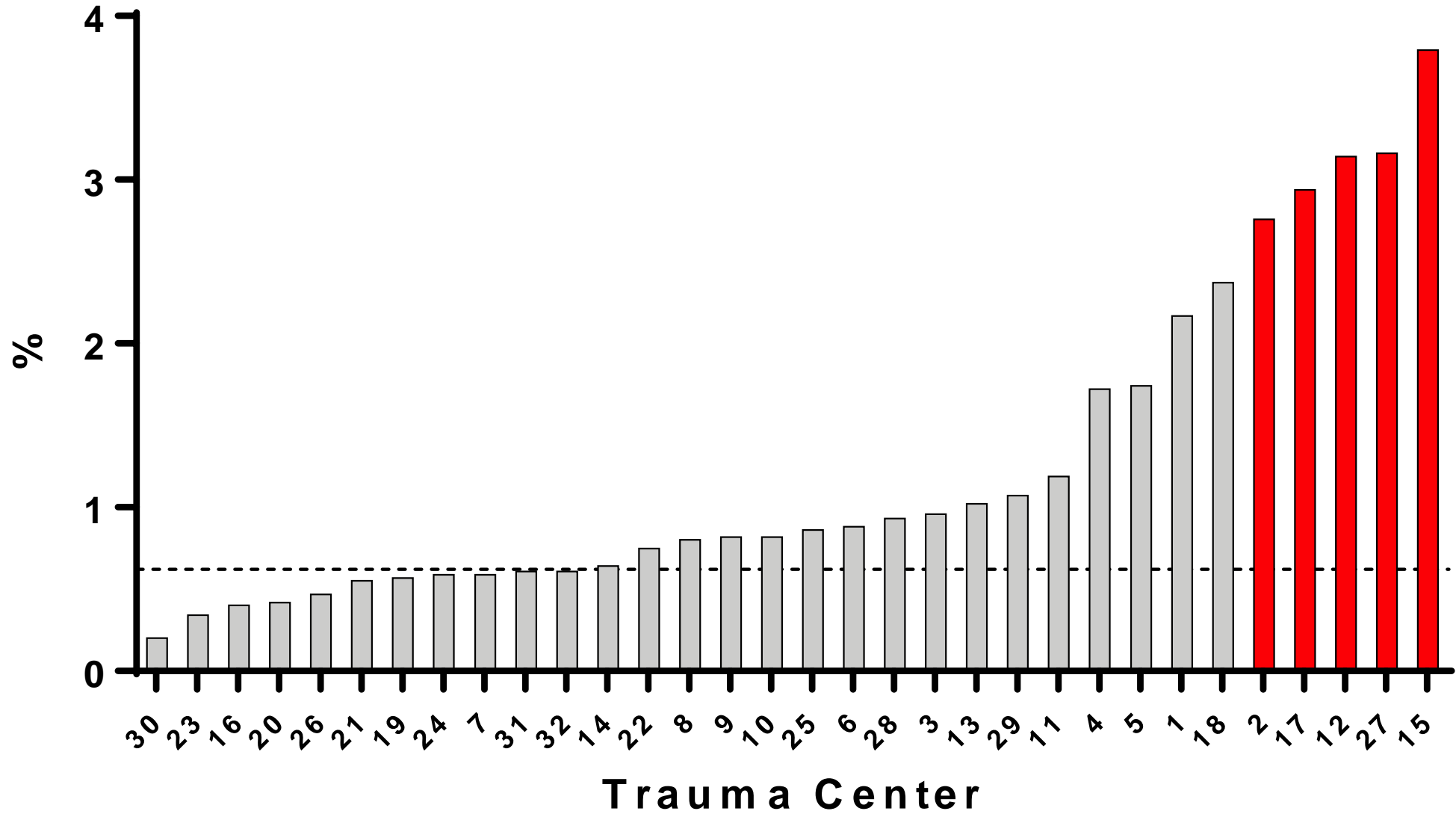
# Myocardial Infarction - Cohort 8

## Isolated Hip Fracture



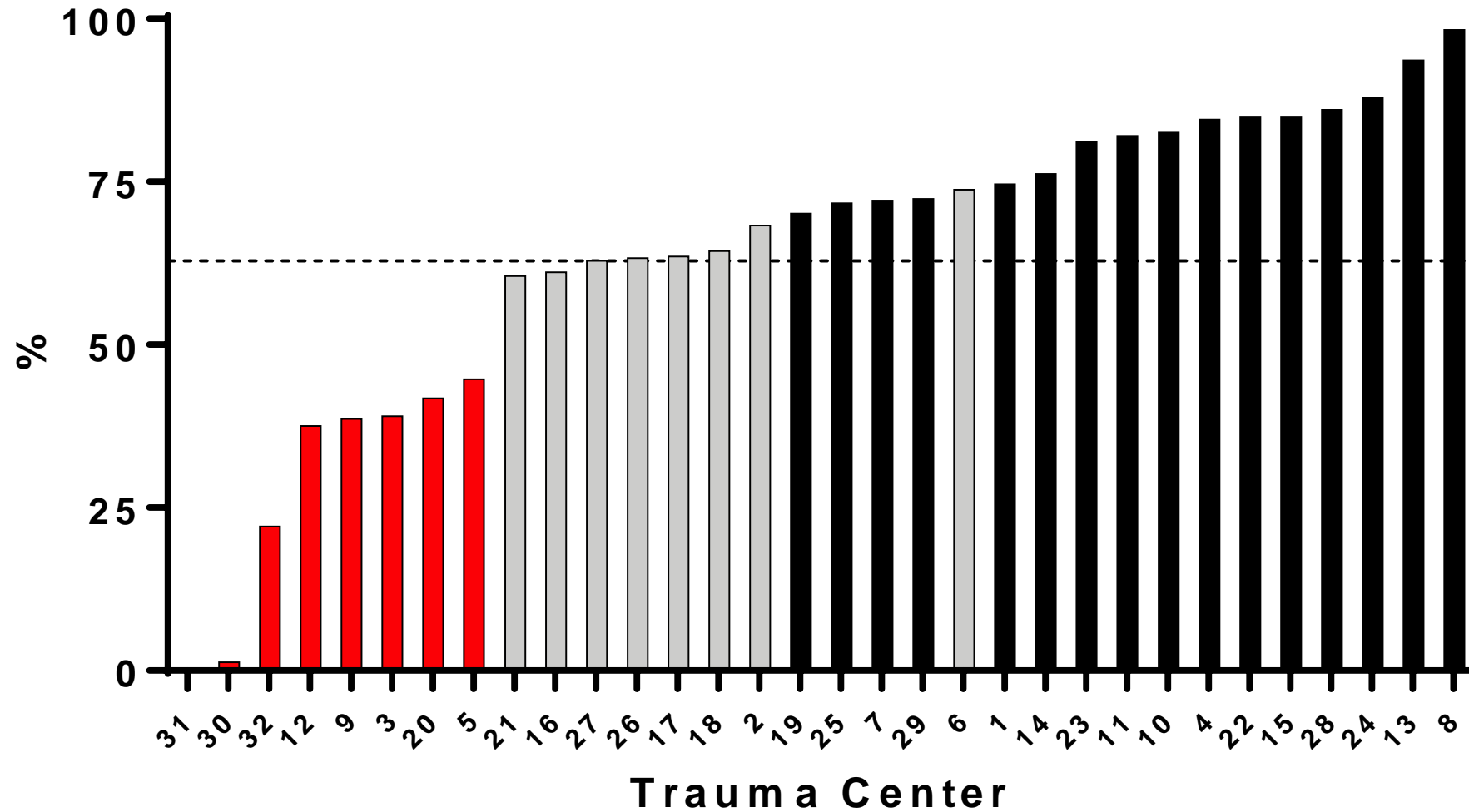
# CAUTI - Cohort 8

## Isolated Hip Fracture



# VTE Prophylaxis Heparin, LMWH $\leq$ 48 hrs - Cohort 8

## Isolated Hip Fracture



# DVT - Cohort 8

## Isolated Hip Fracture

