How spread-out R&D spending of Semiconductor and Computer Hardware industry are?

Sum of R&D spending				
				Grand Total
	2013	2014	2015	
Computer Hardware	$7,610,000,000	$7,339,000,000	$9,258,000,000	$24,207,000,000
Semiconductors	$21,017,346,000	$23,280,048,000	$25,317,795,000	$69,615,189,000
Grand Total	$28,627,346,000	$30,619,048,000	$34,575,795,000	$93,822,189,000

Descriptive Statistics			
Mean	Median	Range	Standard Deviation
$8,069,000,000	$7,610,000,000	$1,919,000,000	$1,038,581,244
$23,205,063,000	$23,280,048,000	$4,300,449,000	$2,151,204,886

1. From the Graph we see that Semiconductors R&D spending is 3 times more than Computer Hardware industry.
2. The mean total R&D spending ($23,205,063,000) for companies under semiconductor Industry was higher compared to mean total R&D spending ($8,069,000,000) for all computer hardware industries. From that we can presume companies under semiconductor industries spend more on average for R&D spending than computer hardware industries.
3.The median for semiconductor is 3 times ($23,280,048,000) the median for healthcare ($7,610,000,000). The standard deviation for semiconductor is also slightly more ($2,151,204,886) than computer hardware industry ($1,919,000,000). Which means the variability in R&D expenses for semiconductor is higher.
4. The range for R&D spending in semiconductor industry is ($4,300,449,000) higher than in computer hardware industry ($1,919,000,000). Which tells us that frequency of semiconductor industry increasing their R&D spending is higher than computer hardware industry.

Research & Development Spending Comparison of Semiconductor and Computer Hardware Industry