FA3_DIZON

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```r
scores <- c(88, 45, 53, 86, 33, 86, 85, 30, 89, 53, 41, 96, 56, 38, 62,
            71, 51, 86, 68, 29, 28, 47, 33, 37, 25, 36, 33, 94, 73, 46,
            42, 34, 79, 72, 88, 99, 82, 62, 57, 42, 28, 55, 67, 62, 60,
            96, 61, 57, 75, 93, 34, 75, 53, 32, 28, 73, 51, 69, 91, 35)


descriptive_stats <- data.frame(
  Measure = c("Valid", "Mode", "Median", "Mean", "Std. Deviation",
              "Variance", "Skewness", "Std. Error of Skewness",
              "Kurtosis", "Std. Error of Kurtosis", "Minimum", "Maximum",
              "25th percentile", "50th percentile", "75th percentile",
              "90th percentile", "95th percentile"),
  Score = c(length(scores),
            as.numeric(names(sort(-table(scores)))[1]),
            median(scores), mean(scores), sd(scores), var(scores),
            skewness(scores), sqrt(6/length(scores)),
            kurtosis(scores) - 3, sqrt(24/length(scores)),
            min(scores), max(scores),
            quantile(scores, 0.25), quantile(scores, 0.50),
            quantile(scores, 0.75), quantile(scores, 0.90), quantile(scores, 0.95))
)


descriptive_stats$Score <- round(descriptive_stats$Score, 3)


descriptive_stats %>%
  kbl(col.names = c("", "Score"), align = "lc", caption = "Descriptive Statistics") %>%
  kable_styling(full_width = FALSE, position = "center", bootstrap_options = c("striped", "hover")) %>%
  footnote(general = "a More than one mode exists, only the first is reported",
           general_title = " ", footnote_as_chunk = TRUE)
```

Descriptive Statistics

	Score
Valid	60.000
Mode	28.000
Median	57.000
Mean	59.167
Std. Deviation	22.211
Variance	493.328
Skewness	0.159
Std. Error of Skewness	0.316
Kurtosis	-4.299
Std. Error of Kurtosis	0.632
Minimum	25.000
Maximum	99.000
25th percentile	37.750
50th percentile	57.000
75th percentile	76.000
90th percentile	89.200
95th percentile	94.100

a More than one mode exists, only the first is reported