





data <- ews\_data[,3:9]</pre>

hasil <- c()

```
scores$Comp.3 + scores$Comp.4 + scores$Comp.5 + scores$Comp.6 +
                 scores$Comp.7,
               data=ews_data, method="logistic", Hess=T)
# Coefficient Table
ctable <- coef(summary(model))</pre>
# Store p values
p <- pnorm(abs(ctable[, "t value"]), lower.tail = FALSE) * 2</pre>
# Combined tables
(ctable <- cbind(ctable, "p value" = p))</pre>
                    Value Std. Error t value
                                                     p value
scores$Comp.1 -0.53121900 0.09113119 -5.8291675 5.570456e-09
scores$Comp.2 0.92882853 0.16374275 5.6724866 1.407396e-08
scores$Comp.3 0.20996895 0.12518035 1.6773315 9.347767e-02
scores$Comp.4 -0.06002596 0.14329525 -0.4188971 6.752914e-01
scores$Comp.5 -0.19099015 0.20430286 -0.9348383 3.498716e-01
scores$Comp.6 1.21649102 0.24816583 4.9019280 9.490061e-07
scores$Comp.7 -0.24128679 0.20751790 -1.1627276 2.449400e-01
             -8.66180313 1.48023031 -5.8516591 4.866935e-09
1|2
             -3.51342951 0.61053932 -5.7546326 8.683042e-09
2 | 3
3 | 4
              1.76346192 0.35509459 4.9661752 6.828628e-07
              4.03340339 0.51771048 7.7908474 6.656125e-15
4|5
5|6
              4.82989602 0.63786066 7.5720237 3.674545e-14
```

```
for (x in 1:nrow(data)) {
    angka = 0
    for (i in (1:7)) {
        angka = angka + (data[x,i] * ctable[i,1])
    }
    hasil[x] <- angka
}

ews_data$value <- abs(as.numeric(hasil))
COLOR <- c(1:6)

ews_sort <- ews_data[order(-ews_data$value, ews_data$Rating) , ]

op <- par(mar=c(4,4,1,1), ps=10)
    plot(ews_sort$value, col=cOLOR[ews_sort$Rating] )
legend("topright", legend=levels(as.factor(ews_sort$Rating)), fill = COLOR, border=COLOR)

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par(op)</pre>
```

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