Prospectus:

install.packages("rworldmap")

library(rworldmap)

breast\_cancer\_data <- data.frame(

country = c("France", "Cyprus", "Belgium", "Netherlands", "Australia", "China", "United States", "India", "Brazil", "Japan", "Russia", "Germany", "Indonesia", "United Kingdom"),

ASR = c(105.4, 104.8, 104.4, 101.6, 101.5, 33.0, 95.9, 26.6, 63.1, 74.4, 57.7, 77.0, 41.8, 94.0)

)

world\_map <- joinCountryData2Map(breast\_cancer\_data,

joinCode = "NAME", nameJoinColumn = "country")

mapParams <- mapCountryData(

world\_map,

nameColumnToPlot = "ASR",

mapTitle = "Age-Standardised Rates (ASR) of Breast Cancer per 100,000 Women",

colourPalette = "heat",

oceanCol = "lightblue",

missingCountryCol = "white"

)

#map legend

addMapLegend(

legendWidth = 0.6,

legendLabels = "all",

legendMar = 4

)

# Manually add text annotations for clarity (optional)

addMapLegend(

legendWidth = 0.6,

legendLabels = "all",

legendMar = 4

)

mtext("Low ASR (<40) | Moderate ASR (40-80) |

High ASR (80-100) | Very High ASR (>100)",

side = 1, line = 4, cex = 0.9, col = "black")