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# ST3MVA - Multivariate Data Analysis

## Coursework 2

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University of Reading, 2021-2022

Stefanos Stefanou

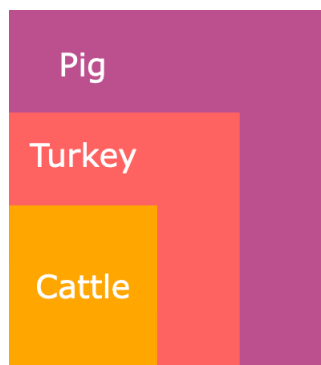
December 20, 2021

## Question 1

```
library(dplyr)
```

```
data <- read.csv("Spectroscopy.csv")
data$animal <- recode(data$animal, P="Pig", T="Turkey", C="Cattle")
attach(data)
```

```
wavelengths <- data[,3:17]
pairs(wavelengths,
     pch=20,
     col=recode(
       data$animal,
       Pig="#bc5090",
       Turkey="#ff6361",
       Cattle="#ffa600"))
```



- WL8 Seems promising in separating

## References

- [1] *En.wikipedia.org. 2021. United States Free Speech Exceptions. [online] Available at: [https://en.wikipedia.org/wiki/United\\_States\\_free\\_speech\\_exceptions](https://en.wikipedia.org/wiki/United_States_free_speech_exceptions); [Accessed 10 January 2021].*