

Generalized Additive Models (GAMs)

CMDA 4654 Project 2

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Generalized Additive Models



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@ucfagls

Replying to @millerdl

140 char vrsn

- 1 GAMs are just GLMs
- 2 GAMs fit wiggly terms
- 3 use + s(foo) not foo in frmla
- 4 use method = "REML"
- 5 gam.check()

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Example - iris

```
data("iris")
```

Example - iris

Example - iris

Example - iris

Example - mtcars

```
data("mtcars")
```

Example - mtcars

Example - mtcars

Example - mtcars

Example - Health Data

```
# df <- read.csv('health_data.csv')  
# show the data
```

Example - Health Data

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Conclusion

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References