

Hw2-2

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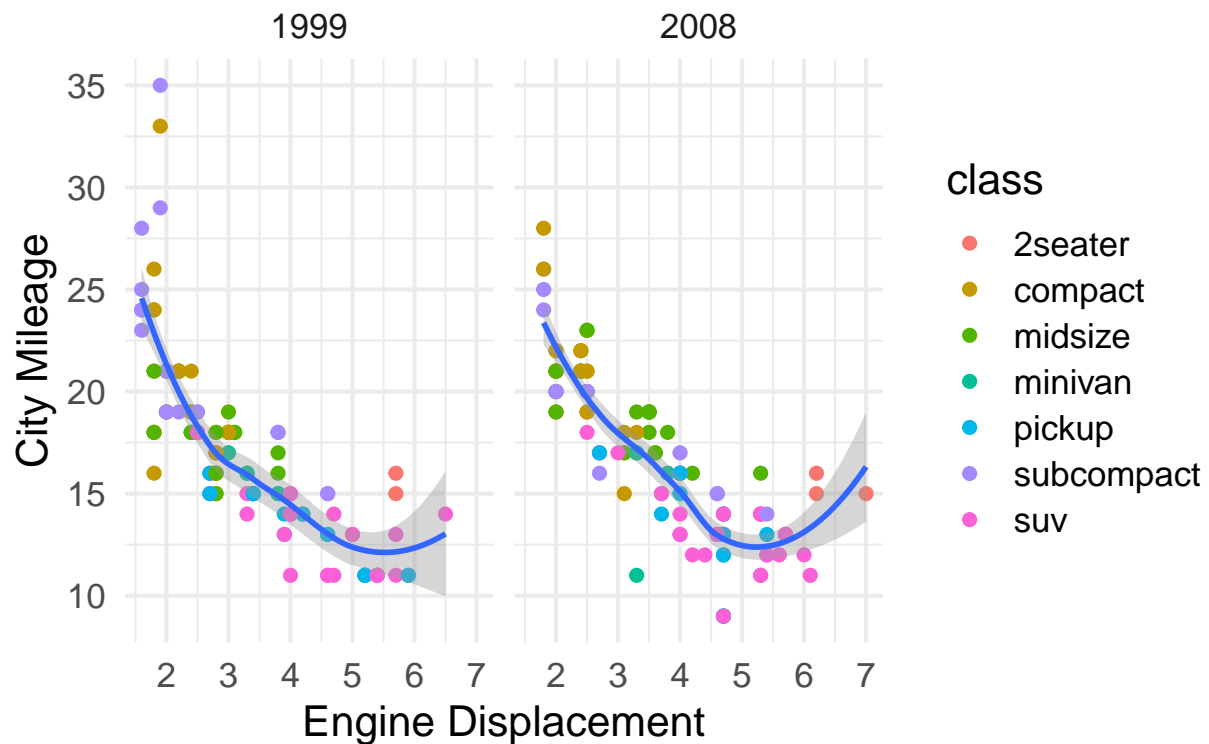
2019/9/20

Table 1:

Table 2:

```
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'
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City MPG by Class of Car: 1999, 2008



```
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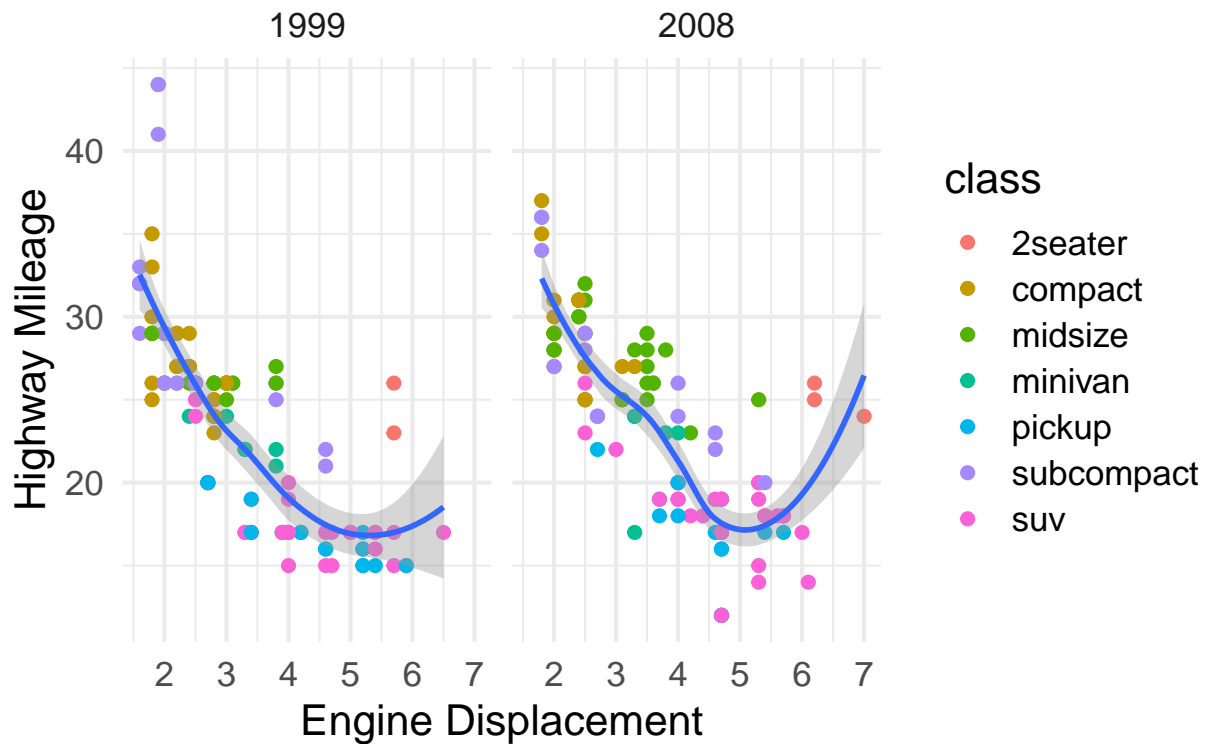
Table 1: Mean City and Highway MPG by Car Class

| Class | City | Highway |
|------------|-------|---------|
| 2seater | 15.4 | 24.8 |
| compact | 20.13 | 28.3 |
| midsize | 18.76 | 27.29 |
| minivan | 15.82 | 22.36 |
| pickup | 13 | 16.88 |
| subcompact | 20.37 | 28.14 |
| suv | 13.5 | 18.13 |

Table 2: Top 3 MPG Performing Cars: 1999, 2008

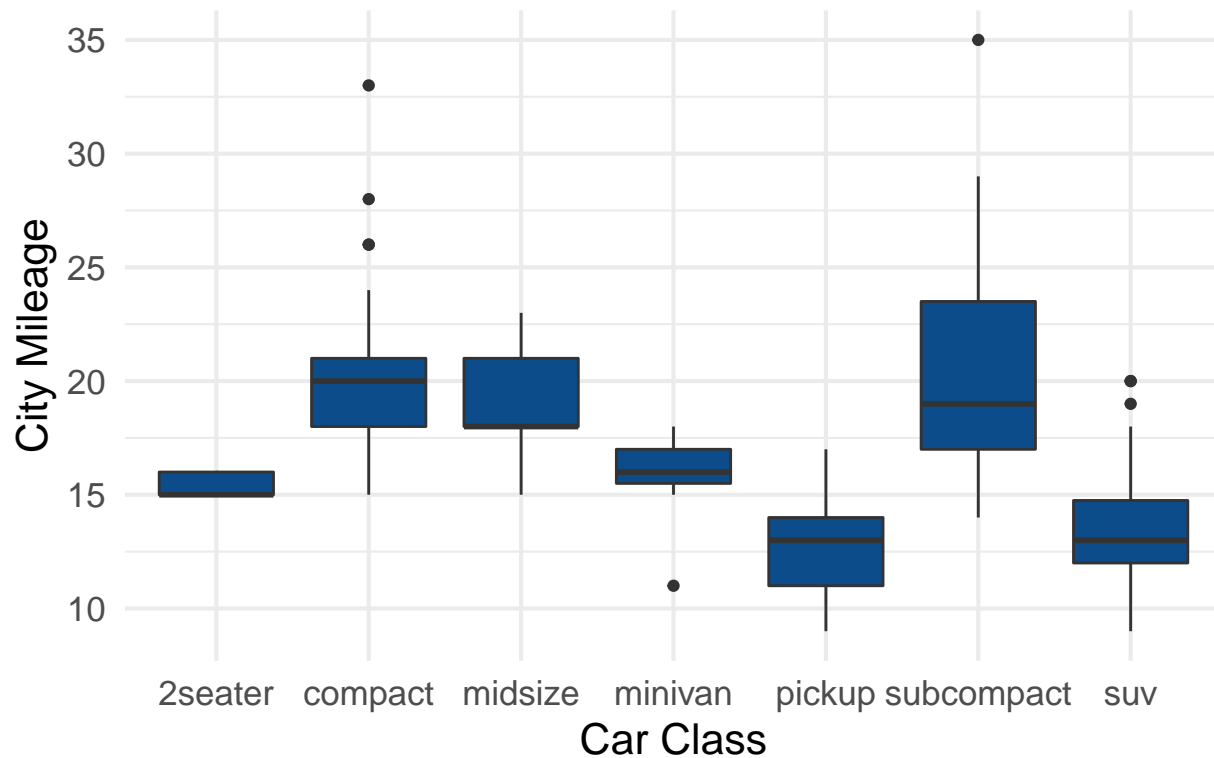
| City 1999 | | Highway 1999 | | City 2008 | | Highway 2008 | |
|------------|--------|--------------|--------|-----------|--------|--------------|--------|
| Model | Milage | Model | Milage | Model | Milage | Model | Milage |
| new beetle | 26 | new beetle | 35 | corolla | 27 | corolla | 36 |
| civic | 24.8 | corolla | 32.67 | civic | 24 | civic | 33.75 |
| corolla | 24.67 | civic | 31.6 | gti | 21.5 | camry | 30 |

Highway MPG by Class of Car: 1999, 2008



Boxplots

City MPG by Class of Car: 1999, 2008



Highway MPG by Class of Car: 1999, 2008

