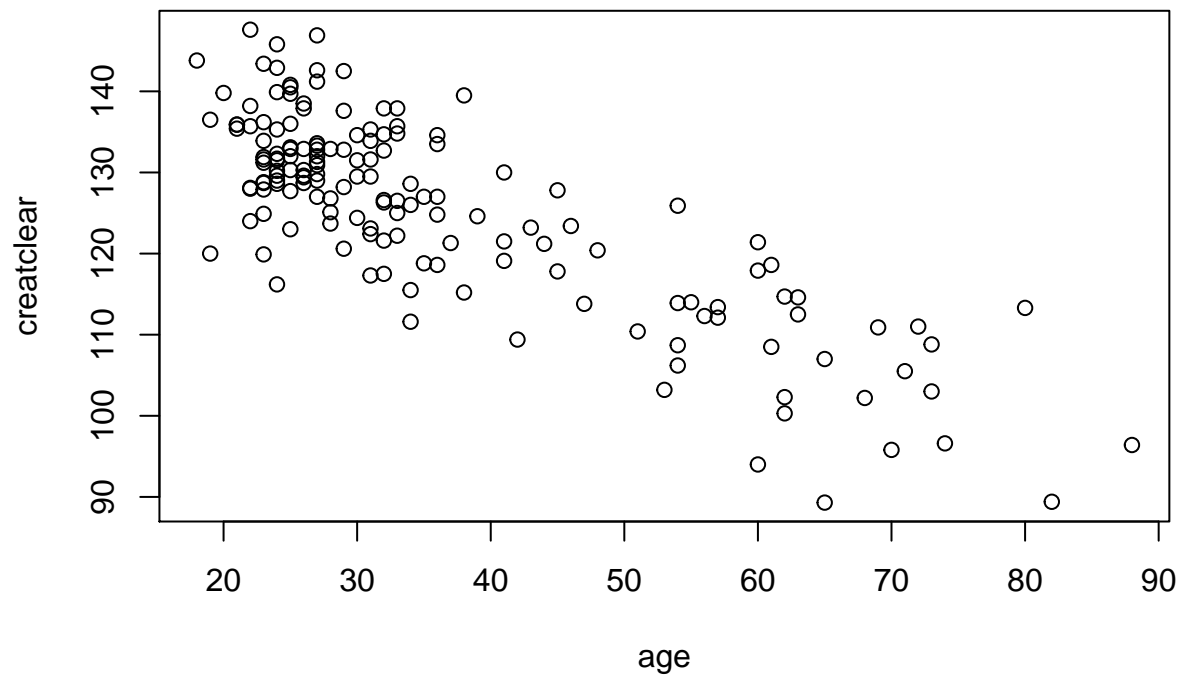
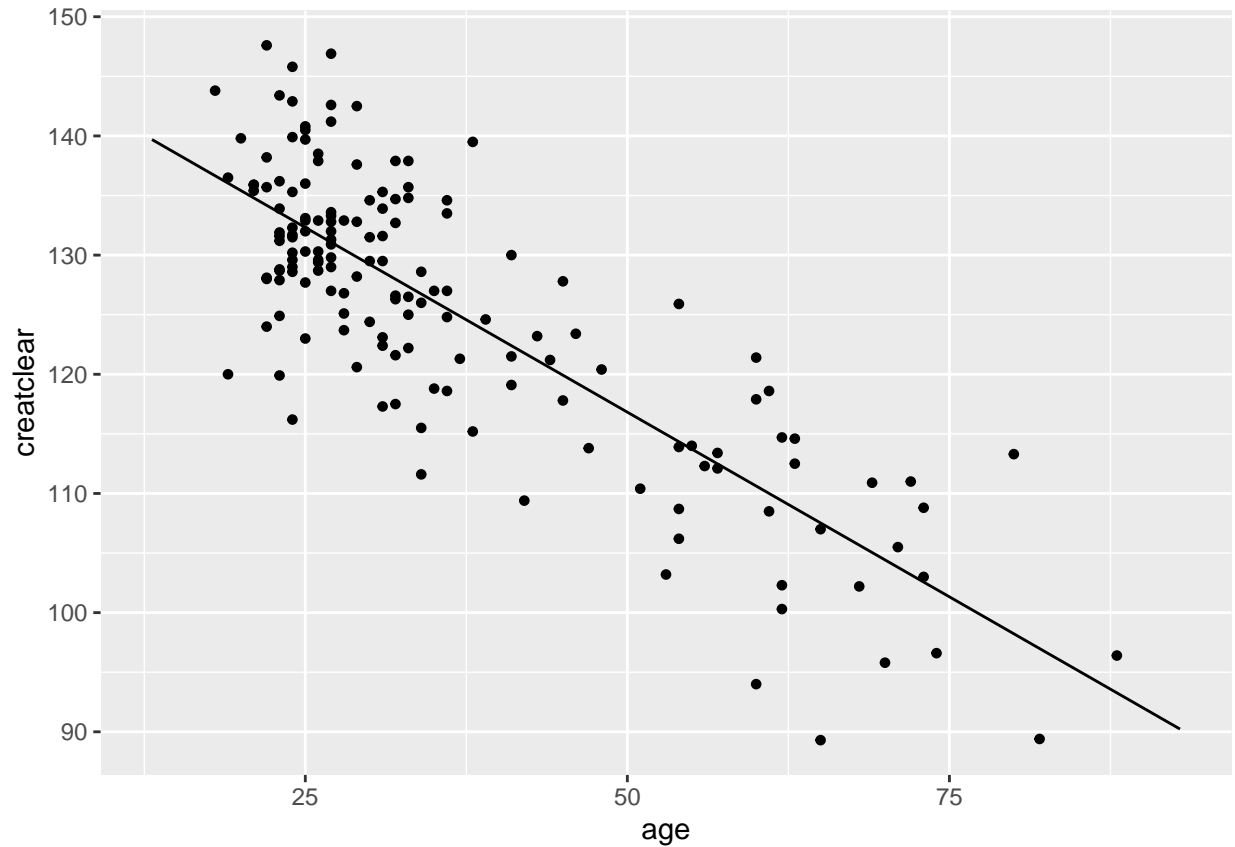


problem 2

Richard Marks

2/10/2020





```
## (Intercept)      age
## 147.8129158 -0.6198159
```

2. How does creatinine clearance rate change with age? Every year someone ages their creatinine clearance rate decreases by .62 mL/(min per year)

```
##      1
## 113.723
```

What creatinine clearance rate should we expect, on average, for a 55-year-old? 113.72 mL/(min per year)

```
##      1
## 123.0203
```

```
##      1
## 110.624
```

3. Whose creatinine clearance rate is healthier (higher) for their age: a 40-year-old with a rate of 135, or a 60-year-old with a rate of 112? A 40 year old with a rate of 135 (12mL/(min per year above the predicted level) is healthier than a 60 year old with a rate of 112 (1.4mL/(min per year above the predicted level)