

## ds4biomed

## Summative

## Pre-Workshop Exercise

Exercise 1

Exercise 2

Exercise 3

Summative

Start Over

This is the `cmv` dataset you will load:

ID	age	prior.radiation	aK...	crr	donor_negati				
<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<chr>				
1	61	0	1	1	recipient_posit				
2	62	1	5	0	recipient_nega				
3	63	0	3	0	NA				
4	33	1	2	0	recipient_posit				
5	54	0	6	0	NA				
6	55	0	2	1	NA				
7	67	0	1	0	NA				
8	51	0	2	0	NA				
9	44	1	2	1	NA				
10	59	0	4	0	recipient_nega				
1-1...	Previous	1	2	3	4	5	6	7	Next

1. Use the `readxl` library to load the `data/cmv.xlsx` into a variable, `cmv`.
2. Filter the `cmv` dataset such that only age > 65 are remaining. Save this to a variable, `cmv_subset`.
3. Save the `cmv_subset` variable to a `csv` file in `"data/cmv_subset.csv"`.

R Code

Start Over

Run Code

```
1
2
3
```

4. Tidy the `cmv` dataset such that it looks like the `clean` dataset below. Save the tidy dataset into a variable, `cmv_tidy`.

ID	age	prior.radiation	aK...	cm	donor_status
<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<chr>
1	61	0	1	1	donor_negativ
2	62	1	5	0	donor_negativ

# ds4biomed

Pre-Workshop Exercise

Exercise 1

Exercise 2

Exercise 3


Summative

Start Over

ID	age	prior.radiation	aK...	cmv	donor_status
<dbl>	<dbl>	<dbl>	<dbl>	<dbl>	<chr>
3	63	0	3	0	donor_positive
4	33	1	2	0	donor_negative
5	54	0	6	0	donor_positive
6	55	0	2	1	donor_positive
7	67	0	1	0	donor_positive
8	51	0	2	0	donor_positive
9	44	1	2	1	donor_positive
10	59	0	4	0	donor_negative
1-1... Previous 1 2 3 4 5 6 7 Next					

R Code

 Start Over


 Run Code

```
1 |  
2  
3
```

5. In the `cmv_tidy` dataset, calculate the average  
age for each value of `cmv`.

R Code

 Start Over

 Run Code

```
1 |  
2  
3
```

Previous Topic

# ds4biomed

Pre-Workshop Exercise

---

Exercise 1

---

Exercise 2

---

Exercise 3

---

Summative

---

[Start Over](#)