

Example Report

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Fictitious Person[†]




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1 Descriptive Statistics

```
getHdata(FEV)
latex(describe(FEV), file='')
```

6 Variables														FEV		654 Observations													
id																													
n	missing	unique	Info	Mean	.05	.10	.25	.50	.75	.90	.95																		
654	0	654	1	37170	3142	6162	15811	36071	53638	73342	77706																		
lowest :	201	202	301	341	351																								
highest:	83841	83901	83951	83952	90001																								
age [years]																													
n	missing	unique	Info	Mean	.05	.10	.25	.50	.75	.90	.95																		
654	0	17	0.99	9.931	5	6	8	10	12	14	15																		
Frequency	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19												
%	2	9	28	37	54	85	94	81	90	57	43	25	19	13	8	6	3												
	0	1	4	6	8	13	14	12	14	9	7	4	3	2	1	1	0												
fev [liters]																													
n	missing	unique	Info	Mean	.05	.10	.25	.50	.75	.90	.95																		
654	0	575	1	2.637	1.445	1.612	1.981	2.547	3.119	3.813	4.289																		
lowest :	0.791	0.796	0.839	1.004	1.072																								
highest:	5.102	5.224	5.633	5.638	5.793																								
height [inches]																													
n	missing	unique	Info	Mean	.05	.10	.25	.50	.75	.90	.95																		
654	0	56	1	61.14	51.0	53.0	57.0	61.5	65.5	68.5	70.0																		
lowest :	46.0	46.5	47.0	48.0	49.0	highest:	72.0	72.5	73.0	73.5	74.0																		
sex																													
n	missing	unique																											
654	0	2																											
female (318, 49%), male (336, 51%)																													
smoke																													
n	missing	unique																											
654	0	2																											
non-current smoker (589, 90%), current smoker (65, 10%)																													

I have a question about the data. Do all the values make sense? Are these data applicable to our research question? Did we really land a man on the moon?

No, I don't think we landed a man on the moon, but I do think that hundreds of aliens from an advanced civilization visited us in the 1950s and forgot to say hello.

FH

I'm convinced

FP

FH

This section is for the Supplemental Material section. Code that goes below is executed in the original order of appearance, not at the end. But the code and its output appear only at the end.

2 FEV vs. Age

Figure 1 shows the raw data for some of the key variables.

```
ggplot(FEV, aes(x=age, y=fev, color=sex)) + geom_point()
```

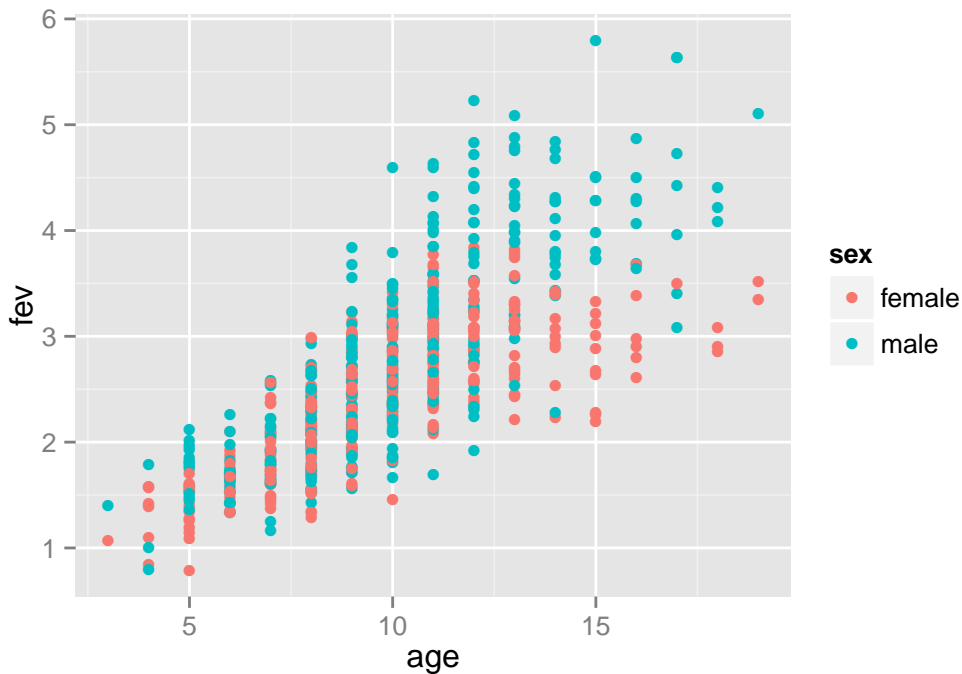


Figure 1: Scatterplot of age vs. FEV stratified by sex

TO DO:

1. See if other variables need to be accounted for
2. See if age and sex interact

FH

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