Untitled

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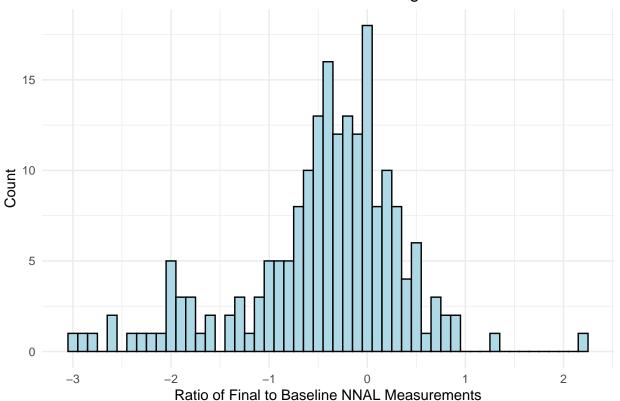
```
library(tidyverse)
library(kableExtra)
```

8.4

```
e_cig_3 <- read_xlsx("/Users/denisostroushko/Desktop/UofM MS/MS Fall 2022/Puhb 7405/Data Sets/E-CID-3.x
```

8.4 - A

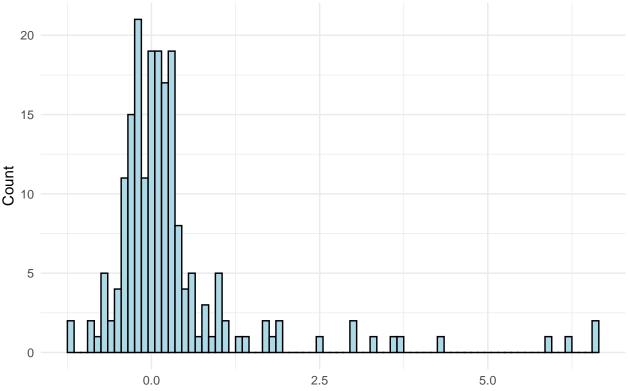
Ratio of NNAL Measurements on the Natural Logarithmic Scale



Predictor	Estiamte	Standard Error	T Value	P value
(Intercept)	0.324	0.548	0.592	0.554
arm	-0.016	0.057	-0.285	0.776
age	-0.005	0.004	-1.068	0.287
gender	-0.100	0.116	-0.863	0.389
white	-0.113	0.124	-0.913	0.363
educ2	-0.068	0.119	-0.567	0.571
income30	-0.250	0.129	-1.944	0.053
FTND	0.060	0.045	1.323	0.187

8.4 - B

Ratio of TNE Measurements on the Natural Logarithmic Scale



Ratio of Final to Baseline TNE Measurements

Predictor	Estiamte	Standard Error	T Value	P value
(Intercept)	-0.074	0.810	-0.092	0.927
arm	-0.041	0.085	-0.481	0.631
age	0.003	0.007	0.490	0.625
gender	0.084	0.172	0.492	0.624
white	0.101	0.183	0.551	0.582
educ2	0.206	0.177	1.168	0.244
income30	0.216	0.190	1.138	0.257
FTND	-0.074	0.067	-1.114	0.267