# This is my Project Title

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October 18, 2010

**Abstract**

Here is our abstract. We have taken the ideas from Wu and Lange (2008), and coded them up.

## 1 Section One

This line is just about long enough to demonstrate that the margins being used are just about the right size, that is, a minimum of 0.75in left and right.
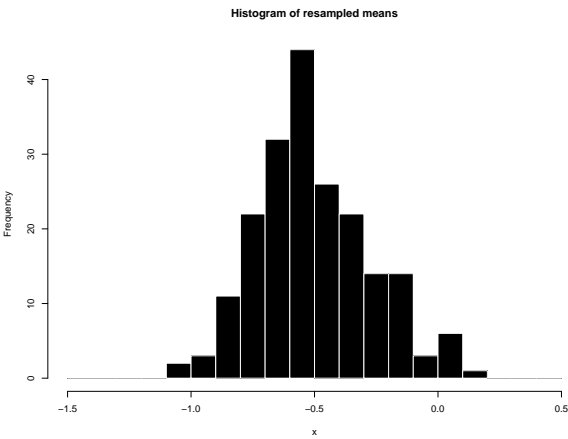
Figure 1: This is a figure.

## 2   Section Two

Here is an example array

$$S = \begin{bmatrix} 302.29 & 125.78 & 100.43 & 105.07 & 116.07 \\ 125.78 & 170.88 & 84.19 & 93.60 & 97.89 \\ 100.43 & 84.19 & 111.60 & 110.84 & 120.49 \\ 105.07 & 93.60 & 110.84 & 217.88 & 153.77 \\ 116.07 & 97.89 & 120.49 & 153.77 & 294.37 \end{bmatrix}$$

and here is an example Table, called Table 1. This is a figure, taken from course notes. It is called 1.

| | | | | |
|---|---|---|---|---|
| -0.1568 | 0.4439 | -0.7865 | -1.6531 | -0.6037 |
| -0.6231 | 0.9061 | -0.8215 | -1.2829 | -0.3538 |

Table 1: This is a table with some numbers in it

# 3    Conclusions

# References

Wu, T. T. and K. Lange (2008). Coordinate descent algorithms for lasso penalized regression. *Annals of Applied Statistics 2*(1), 224–244.