CODE

The examples in this thesis were implemented with the Madagascar open-source software environment for reproducible computational experiments (Fomel et al., 2013). The package is available at `http://www.ahay.org/`.

The reproducible document for the results in this thesis, including code, is available at `http://www.sygreer.com/research/honorsThesis`. However, some of the data used in this thesis are proprietary, so those results may not directly be reproducible.

For brevity in this thesis, code is only included for one example of the main frequency balancing algorithm presented in Chapter 3. The code for the rest of the examples in this thesis are available online at the URL above.

Table 1: List of figures in this thesis and the locations of scripts and programs to generate them

Figures	**Directory**	**Listings**
2.1	chapter-locfreq/merge/	1, 2, 3
2.2, 2.3	chapter-background/dmExample/	—
3.1, 3.2, 3.3, 3.4	chapter-merge/apache/	—
3.5, 3.6, 3.7, 3.8	chapter-locfreq/merge/	1, 2, 3
3.9, 3.10	chapter-locfreq/vecta/	—
3.11	chapter-locfreq/convergence/	—
4.1, 4.2, 4.3, 4.4	chapter-merge/apache/	—
4.5, 4.6	chapter-merge/pcable/	—
4.7	chapter-merge/pcable2/	—
5.1, 5.2, 5.3, 5.5, 5.6	chapter-merge/mighes/	—
5.4,	chapter-merge/triop/	—

Listing 1: chapter-locfreq/merge/SConstruct

```
from rsf.proj import *
from radius import radius

# must have 'legacy.rsf' and 'hires.rsf' initial data sets in same directory

# Initial figures
```