

# Life on the inside: Experiences as a StataCorp intern

Stata UK User Group Meeting

Michael J. Crowther



- ▶ I'm a PhD student on a training fellowship
- ▶ Invited to undertake an internship at Stata in November 2011 by Yulia Marchenko
- ▶ This came about through my presenting at last years UK meeting and the Nordic and Baltic meeting in November

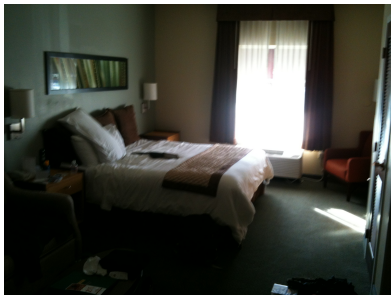
# Made it to Houston...



# An Englishman out of his comfort zone...



# Hospitality



Great hotel



Chevy Cobalt

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- ▶ Signed at least 4 confidentiality agreements...

# StataCorp



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- ▶ They asked questions and we discussed what aspects they could help me with
- ▶ I showed them my code...!!



# Things I learnt

- ▶ Structure programming
- ▶ Mata evaluator programs

```
. //Create temporary object to contain the struct
. tempname stj_m_struct
. //Fill up the struct with everything I need
. mata: stj_m_setup("`stj_m_struct'")
. //Fit the model
. ml model d0 stj_m_d0()      ///
  (output omitted)
. //Tidy up
. mata: rmexternal("`stj_m_struct'")
```

## Closing remarks

- ▶ I would encourage anyone to visit if given the chance
- ▶ Tremendously rewarding experience, learning far more than from manuals etc.

# Acknowledgments

I'd like to thank everyone at StataCorp for their hospitality, and in particular

- ▶ Yulia Marchenko, Alan Riley, Jeff Pitblado, Vince Wiggins and Bill Gould
- ▶ Charles Lindsey and Rafal Raciborski
- ▶ Hatley Cripe and Katy Clayborn