

I-House



#### What have Peter and I done together

- 4 P. Guttorp, R. Kulperger and R. A. Lockhart (1985): A coupling proof of weak convergence. *J Appl Prob* 22: 447-453.
- 17 P. Guttorp and R. A. Lockhart (1988): On finding the location of a signal: a Bayesian analysis. *JASA* 83: 322-330.
- 18 P. Guttorp and R. A. Lockhart (1988): On the asymptotic distribution of quadratic forms in uniform order statistics. *Ann Stat* **16**: 433-449.
- 20 P. Guttorp and R. A. Lockhart (1989): Estimation in sparsely sampled random walks. *Stoch Proc Appl* **31**: 315-320.
- 21 P. Guttorp and R. A. Lockhart (1989): On the asymptotic distribution of high order spacings statistics. *Can J Stat* **17**: 419-426.



- ▶ Bienaymé-Galton-Watson processes (cf my tenure case).
- ▶ The offset normal distribution.
- Bayesian density estimation.
- Uniform approximations in the Local CLT
- ▶ Bayes inference in non-decreasing Lévy processes.



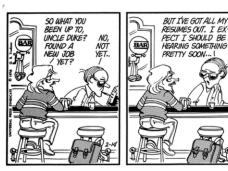






Doonesbury, 1978 February 14. Zonker and his Uncle Duke.









Doonesbury, 1978 February 14. Zonker and his Uncle Duke.

You can see the theme running through that work











Doonesbury, 1978 February 14. Zonker and his Uncle Duke.

You can see the theme running through that work That's enough research, right?



To Richard with wow thehr perfe

Asymptotic Tests for Discrimination

By

Peter Malte Guttorp

Grad. (University of Lund, Sweden) 1974

THESIS

Submitted in partial satisfaction of the requirements for the degree of

MASTER OF ARTS

in

Statistics

in the

GRADUATE DIVISION

of the

UNIVERSITY OF CALIFORNIA, BERKELEY

Approved:

Peta Bichel

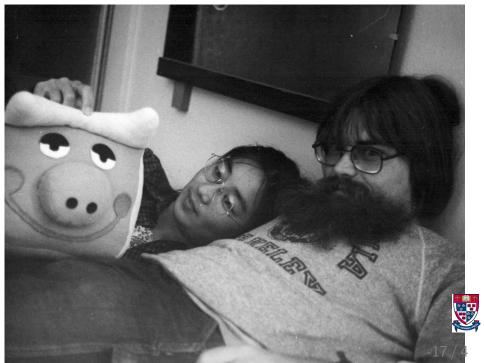
Committee in Charge

Not real sure why I got thanked but look at the signatures.



- ▶ I House, 1975.
- Ellsworth, 1976.
- ▶ Peter goes back to Sweden.
- ▶ But ...





### The A, the D, the C

- From the Apartment to the Department usually via the C.
- Peter taught me to drink espresso coffee at the C.
- Napkin usage very high.
- Now called Strada; no name then?



# More history

- ► SFU, Washington (79-80)
- Peter, Reg Kulperger, and I worked together early 80s.
- ▶ Peter and June came to Vancouver for 84/85.



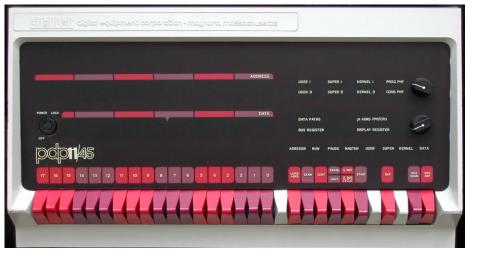
## Memorabilia I

- ▶ PDP 11/45. 96KB RAM, 5 MB pizza box.
- Teletypes
- Undocumented UNIX; weird RSTS.
- ▶ Paper tape archiving system.
- BASIC.
- ▶ troff, nroff

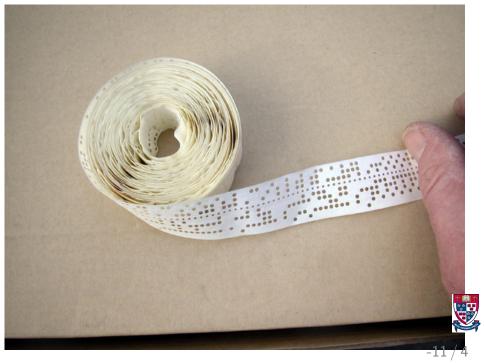


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troff
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     .vs 12p
     .nr PS 10
     .nr VS 12p
     .ll 6.5i
     .po 1i
     .nr LL 6.5i
     .nr PO 1i
     .EQ
     .EN
     .sp 1.0i
     .B
     .tl"\s+2On finding the location of a signal: a Bayesian analysis\s-2
     .R .sp 0.8i
     .TS
     center:
     C C.
     Peter Guttorp Richard A. Lockhart
     Department of Statistics Department of Mathematics and Statistics
     University of Washington Simon Fraser University
```

Souttle WA Rurnahy RC







### Memorabilia II: a poem (edited)

► Erich Lehmann, Juliet Shaffer lived downstairs

The people upstairs all practice ballet
Their living room is a bowling alley
Their bedroom is full of conducted tours.
Their radio is louder than yours,
They celebrate week-ends all the week.
When they take a shower, your ceilings leak.
I would love the people upstairs wondrous
If instead of above us, they just lived under us.

Ogden Nash



University of Toronto Toronto Canada M5S 1A1 Department of Statistics

Z 6 January 1988

Dear Peter:

Po your emember the rixing convergence stuff in our paper? I'me recently discovered the following:

Theorem: Suppose U, Uz ... as iid Uniform [0,1]. Suppose In Eo {U, ..., U, } and In > Y in probability.

But (U1:10, ... Unin) be the ordered values of U1, ... Un. let Th=9n ( Min, ..., Maix ) be sens function of the order statistics.

Suppose The converges in distribution to T. (It

doesn't methe wild detan Thas. ) Than

(Yn, Tn) converges in distribution to (Y, T)

when we take the want Y independent of T to define the joint distribution.

I think this is cute but I han't know any real applications get. Mayle we can think some

up. I don't think Unid I gil is important either. See you in February?

Si dond

We wrote letters.



### Memorabilia III: stories, some untold

- Brownies
- See the poem above
- Babysitting while writing papers.
- Now just pictures, I think.









Banff, 2003





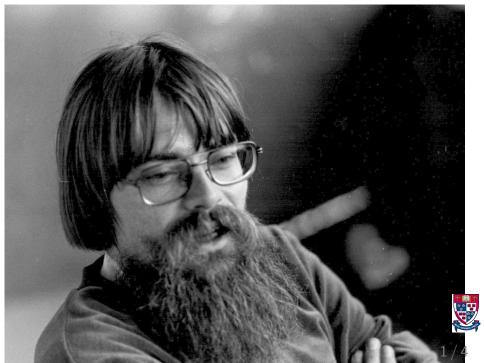












#### Conclusions

- Peter has done just about everything
- ▶ I owe Peter for getting me started (and tenure).
- ► Peter and June have been wonderful friends for more than 40 years; let's keep going.



