Seminário de Doutorado

Tópico: Métodos Bayesianos em Classificação e Regressão Não-Lineares
Professor responsável: Hedibert Freitas Lopes
Período: 18/11/2002 a 17/01/2003 (7 encontros)
Horário: Sextas-feiras - 13:00 as 15:00
Motivação: A organização desse seminário se inspira na estrutura do livro escrito por Denison, Holmes, Mallick and Smith, intitulado *Bayesian Methods for Nonlinear Classification and Regression*, publicado este ano na "Wiley Series in Probability and Statistics". David Denison (Imperial College) e Christopher Holmes (Imperial College) foram ambos orientados por Bani Mallick (Texas A&M University), sendo o primeiro co-orientado por Adrian Smith (Queen Mary, University of London).

Organização

Ajuste de Curva e Ondaletas - 22/11

1. Denison, Mallick, and Smith (1998a) - Hedibert

2a. Clyde, Parmigiani, and Vidakovic (1998) - Hedibert

Ondaletas - 29/11

2b. Müller and Vidakovic (1998) - Hedibert

3a. Holmes and Denison (1999) - Marco Antonio

3b. Clyde and George (2000) - Marco Antonio

Ajuste de Superfície - 06/12

4a. Gustafson (2000) - Ralph

4b. Holmes and Mallick (2001) - Ralph

5a. Denison, Mallick, and Smith (1998c) - Carlos

5b. Mallick, Denison, and Smith (1999) - Carlos

Classificação em Modelos Não-Lineares Generalizados - 13/12

6a. Holmes and Denison (2002) - Alcione

6b. Basu and Mukhopadhyay (2000) - Carlos

Árvores Bayesianas - 20/12

8a. Denison, Mallick, and Smith (1998b) - Mariane

8b. Denison and Mallick (2000) - Mariane

9a. Chipman, George, and McCulloch (1998) - Alcione

9b. Chipman, George, and McCulloch (2000) - Alcione

Modelos de Partição e Modelos Vizinha-Mais-Próximo- 10/01

10. Denison, Adams, Holmes, and Hand (2002) - Marina

11. Holmes and Adams (2002) - Ralph

Modelos de Respostas Múltiplas - 17/01

12. Quintana and Iglesias (2000) - Hedibert

13. Holmes, Denison, and Mallick (2002) - Carlos

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Referências

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Clyde, M. and E. George (2000). Flexible empirical Bayes estimation for wavelets. *Journal of the Royal Statistical Society 62*, 681–698.

Clyde, M., G. Parmigiani, and B. Vidakovic (1998). Multiple shrinkage and subset selection in wavelets. *Biometrika 85*, 391–402.

Denison, D., N. Adams, C. Holmes, and D. Hand (2002). Bayesian partition modelling. *Computational Statistics and Data Analysis (in the press)*.

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