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The mathematics department of Leiden University in the Netherlands invites applications for a four-year PhD position in statistics.

Topic: The successful candidate will be working on fundamental questions in nonparametric Bayes theory. Nonparametric Bayes is a very active field within mathematical statistics with various applications ranging from biology to machine learning. The theory has been developed largely during the past years but remains a topic of active research with many challenging open problems. The PhD position is financed by a TOP II grant
from the Dutch science foundation. The grant gives some flexibility in the choice of the projects that will be addressed allowing to adapt to the background and interests of the candidate.

Team: The PhD project will be carried out with Johannes Schmidt-Hieber. There is a large research community

including many PhD students in the Netherlands (and in particular in Leiden) closely collaborating on similar projects. Regularly, joint nationwide seminars are organised.

University: Information about Leiden University can be found here http:// www.leidenuniv.nl. For more information about the mathematics department, please see https://www.math.leidenuniv.nl/nl/home/

Terms of employment: There is no fixed starting date for the position. The terms of employment are governed by the Collective Labour Agreement of Universities in The Netherlands, with a monthly salary starting at 2083 Euro in the first year, and increasing to 2664 Euro in the fourth year, and an additional 8% holiday allowance and 8% end-of-year bonus. An extensive fringe benefits package is included. An individual choices

model gives you some freedom to assemble your own set of terms and conditions. Candidates from outside the Netherlands may be eligible for a substantial tax break. Additional budget allows for research visits abroad and attendance of international conferences.

Application: If you are interested in the position, please send an email with cv and a letter outlining research interests to Johannes Schmidt-Hieber (schmidthieberaj@math.leidenuniv.nl). Upon selection, letters of recommendation, evaluating the candidate's research experience, will be required from two or more references.

If you have further questions do not hesitate to send an email to schmidthieberaj@math.leidenuniv.nl .