

Universitatea Națională de Știință și Tehnologie POLITEHNICA București

Facultatea: **Științe Aplicate**

Departamentul: **Matematici Aplicate**

Nume Prenume: **STEFAN Marius Cornel**

Gradul didactic: **Conferentiar Universitar**

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Contributions à l'estimation pour petits domaines, Institut de Statistique et de Recherche Opérationnelle, Université Libre de Bruxelles, 303 pagini.

Data susținerii :

susținerea privată: 1 iulie 2005

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Conducători de Doctorat: Jean-Jacques DROESBEKE și Catherine DEHON

Membrii Juriului : Marc HALLIN (președinte), Jean-Jacques DROESBEKE, Catherine DEHON, Jean-Claude DEVILLE, Davy PAINDAVEINE, Guy MELARD, Catherine VERMANDELE.

Link teză de doctorat :

https://cibleplus.ulb.ac.be/discovery/fulldisplay?docid=alma991009678025204066&context=L&vid=32ULDB_U_INST:32ULB_VU1&lang=fr&search_scope=MyInst_and_CI&adaptor=Local%20Search%20Engine&tab=Everything&query=any,contains,contributions%20%C3%A0%20l'estimation%20pour%20petits%20domaine&mode=basic

B. Cărți și capitole în cărți publicate în ultimii 10 ani

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. **Stefan, M.** and Hidiroglou, M.A. (2024), *Estimation of a population total under nonresponse using follow-up*, Journal of Survey Statistics and Methodology, DOI: 10.1093/jssam/smae002

2. **Stefan, M.** and Hidiroglou, M.A. (2024), *Jackknife bias-corrected generalized regression estimator in survey sampling*, Journal of Survey Statistics and Methodology, Vol. 12, Issue 1, pp. 211-231, DOI: 10.1093/jssam/smac027, WOS: 000886406800001.

3. Chirca, N., Streinu-Cercel, A., **Stefan, M.**, Aurelian, J. and Persu, C. (2023), *A novel risk calculator to predict erectile dysfunction in HIV positive men*, Journal of Personalized Medicine, Vol. 13, Issue 4, DOI: 10.3390/jpm13040679, WOS: 000977499000001.

4. **Stefan, M.** and Hidiroglou, M.A. (2023), *A bootstrap variance procedure for the generalized regression estimator*, International Statistical Review, Vol. 91, Issue 2, pp. 294-317, DOI: 10.1111/insr.12528, WOS: 000869691300001.

5. Lazar, M., Barbu, E.C., Chitu, C.E., **Stefan, M.**, and Ion, D.A. (2022), *Ultrasound markers in early diagnosis of asymptomatic chronic hepatitis. A prospective study*, GERMS, Vol. 12, Issue 1, pp. 54-62, DOI: 10.18683/germs.2022.1306, WOS: 000782848300006.
6. **Stefan, M.** and Hidiroglou, M.A. (2021), *Estimation of design mean squared error of a small area mean model-based estimator under a nested error linear regression model*, The Canadian Journal of Statistics, Vol.49, Issue 4, pp. 1338-1363, ISSN 0319-5724, DOI:10.1002/cjs.11622, WOS: 000657397000001.
7. **Stefan, M.** and Hidiroglou, M.A. (2021), *Small area benchmarked estimation under the basic unit level model when the sampling rates are non-negligible*, Survey Methodology, Vol. 47, Issue 1, pp. 123-149, ISSN 0714-0045, WOS: 000665638700006.
8. **Stefan, M.** and Hidiroglou, M.A. (2021), *Benchmarked estimators for a small area mean under a onefold nested regression model*, International Statistical Review, Vol. 89, Issue 1, pp. 108-131, ISSN 0306-7734, DOI:10.1111/insr.12380, WOS: 000531530500001.
9. **Stefan, M.** and Hidiroglou, M.A. (2020), *A procedure for estimating the variance of the population mean in rejective sampling*, Journal of Official Statistics, Vol. 36, Issue 1, pp. 173-196, ISSN 0282-423X, DOI: [10.2478/jos-2020-0009](https://doi.org/10.2478/jos-2020-0009), WOS: 000520863200009.
10. **Stefan, M.** and Hidiroglou, M.A. (2020), *Local polynomial estimation for a small area mean under informative sampling*, Survey Methodology, Vol. 46, Issue 1, pp. 29-49, ISSN 0714-0045, WOS: 000545959300002.
11. Streinu-Cercel, A., Sandulescu, O., **Stefan, M.**, and Streinu-Cercel, A. (2016), *Treatment with lamivudine and entecavir in severe acute hepatitis B*, Indian Journal of Medical Microbiology, Vol. 34, Issue 2, pp. 166-172, ISSN 0255-0857, DOI:10.4103/0255-0857.176837, WOS: 000378536300008.

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți

E. Brevete obținute în întreaga activitate