

Onderwerp: Re: SM14-AK/040 decision letter

Van: aysun cetinyurek <cetinyurek@yahoo.com>

Datum: 10/05/2015 09:29 PM

Aan: "Arnost Komarek, SMJ Editor" <smj-komarek@karlin.mff.cuni.cz>

CC: Philippe Lambert <p.lambert@ulg.ac.be>

Dear Editor,

Hereby I share the R codes that has been used to analyze the Tandmobiel dataset in our manuscript "Semiparametric Bayesian Frailty Model for clustered interval-censored data". The parametric frailty model has been fitted using "Tandmobiel Lognormal Frailty Analysis.r" program that calls the Fortran function "logpostFRparLNCoeff.dll" for MCMC. The flexible frailty model has been fitted using "Tandmobiel Analysis.r" program that calls Fortran function "logpostFRdeneme10MULTCoeffx.dll" for MCMC. ID numbers of the 300 randomly selected children are stored in "ID300.dat". I also attach the "bases.r", "bsplbase.r" and "apoisson.r" functions that are used to create B-spline basis and to estimate density using frequentist density estimation procedure described in Section 2.2 in the Supplement.

Tandmobiel dataset ("tandmob2") is available in R as part of "bayesSurv" package as you have mentioned in your e-mail.

Please do not hesitate to contact me in case of any questions.

Kind Regards

Aysun

Aysun Cetinyurek Yavuz

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