Contribution ID: **2**   Type: **On-going projects**

Translating MATLAB software to R: my experience with rBAPS

I'd like to share my 4-year old ongoing effort of translating the BAPS software (Corander, J. and Marttinen, P., 2006) from MATLAB to R. This is a very large undertaking: the complete sofware contains over 41k LOC, the original developers have disbanded and moved on, and the software doesn't even run anymore on modern systems. We have achieved good progress in 400 hours of work over 3 years, but there is still a lot to go before we get to an MVP. I would therefore like to share with the community some of the things I've learned along the way, and hopefully get some feedback on how to speed up development.

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