CURRICULUM VITAE

ZHAO LIANG , MS. CANDIDATE

Location:
NanJing, China
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SUMMARY

2+ years' experience in biostatistics and clinical trial programming related works, SAS programming proficient with data set manipulation, statistical procedures, reusable codes with macros and data reporting/graphing. Serve as both roles of programmer and statistician in several clinical studies in terms of Neuroscience, Immunology and Oncology area and Vision Care studies, working at ADaM generation and QC, statistical tables, figures and listings generation and QC, E-submission to FDA and macro system developing.
During school time, major research interested in modeling and simulation of new drug development and feature selection for high dimensional data. Familiar with classifier such as random forest and SVM and acquainted with optimization algorithm like genetic algorithm. Greatly interested in innovational work, achievements including gatbxr package and workload reporting system using R and Windows batch commands.

WORK EXPERIENCE (clinical trial related)

R&G, Senior SAS Programmer, Jul 2016 – Present:

Major responsibilities including programming environment establishment and maintenance, reporting macro development and other routine programming jobs. Lead several local and global Phase I studies. Participating one Phase III oncology study which is on NDA application.

PAREXEL International, Biostatistician I, Apr 2015 – Jun 2016 (actually working for Janssen R&D as a contractor):

Well trained on SAS language and clinical trial related knowledge like CDISC standard (ADaM & SDTM), study design rationale and et al. Developing workload reporting system (using R and CMD command). Participating several Phase I studies, and several pilot studies (cross sector collaboration with JJ medical device department).

EDUCATION

Harbin Medical University, Harbin, China. M.S. in Biostatistics, 2015

Harbin Medical University, Harbin, China. B.S. in Public Affairs and Administration, 2012

PUBLICATIONS

Articles:

- **Liang Zhao**. An optimized random forest based on genetic algorithm for interactive biomarker selection from high-dimensional omics data. (master graduate thesis).
- Ying Wu, **Liang Zhao**, Yan Hou, Kang Li, et al. Correcting for non-compliance in randomized non-inferiority trials with active and placebo control using structural models. *Statistics in Medicine*, 2014.
- Xin Guan, Tao Sun, Yan Hou, **Liang Zhao**, et al. The relationship between job performance and perceived organizational support in faculty members at Chinese universities: a questionnaire. *BMC medical education*, 2014, 14(1): 50.

R package:

- gatbxr, R version of genetic toolbox for implementing a wide range of genetic algorithm methods. Available now in Github and under releasing to CRAN.

COMPUTER SKILLS

Language:

Proficient in R and SAS

Familiar with C, C# and Python

Platform related:

Windows batch commands and Linux shell script

LANGUAGES

Mandarin - native language

English – CET 6