Malaria is thought to have had the greatest disease burden throughout human history, while it continues to pose a significant but disproportionate global health burden. With 50% of the world’s population at risk of malaria infection. Sub Saharan Africa is most affected, with 90% of all cases.

Through this KDD Cup Humanity RL track competition we are looking for participants to apply machine learning tools to determine novel solutions which could impact malaria policy in Sub Saharan Africa. Specifically, how should combinations of interventions which control the transmission, prevalence and health outcomes of malaria infection, be distributed in a simulated human population. More >

Sponsor: IBM Research Africa and Hexagon-ML.com

Total reward: $25,000

Winners

First Place ($5,000): Zi-Kuan Huang, Jing-Jing Xiao, and Hung-Yu Kao from National Cheng Kung University

Second Place ($4,000): Lixin Zou from Tsinghua University, Long Xia from JD.com, Zhuo Zhang from Beihang University, and Dawei Yin from JD.com

Third Place ($3,000): Suiqian Luo from Guazi

Fourth Place ($3,000): Vladislav Shakh-Nazarov from Yandex School of Data Analysis and National Research University Higher School of Economics


Sixth Place ($2,000): Xiaolan Jiang from Department of Informatics, the Graduate University for Advanced Studies (Sokendai) / National Institute of Informatics, Japan.

Seventh Place ($2,000): Van Bach Nguyen, Bao Long Vu, and Mohamed Karim Belaid from the University of Passau, Germany

Eighth Place ($1,000): Quanjun Chen and Haoran Zhang from the University of Tokyo, Japan, Mina He from IMT Atlantique, France, and Zhaonan Wang from National Institute of Advanced Industrial Science and Technology, Japan

Ninth Place ($1,000): Wei Xin from Wuxi Xuelang Industrial Intelligence Technology Co. Ltd.

Tenth Place ($1,000): Anand Rajasekar from Indian Institute of Technology, Madras