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## Reproducibility of psychology

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We published a special issue of “Shinrigaku Hyoron” (Japanese Psychological Review) on “Reproducibility of psychology” (Co-edited by Masaki Tomonaga, Asako Miura and Etsuko Haryu). In 2015, a certain paper was published in *Science*, entitled “Estimating the reproducibility of psychological science”, in which authors reported that only 39% of the previously published psychological studies were successfully replicated. The impact of this article immediately propagated all through the academia not only in psychology, but also many other domains. Furthermore this report also drew a great interest to the public.

Does psychology face to crisis? To address this serious question, we asked excellent Japanese psychologists specializing in various research areas to review both current status and future directions of their areas as a psychological research. The specialties of contributors are perception, social psychology, animal cognition, developmental psychology, personality psychology, neuroscience, and so on. We also invited eminent researchers from various fields outside of psychology; biostatistics, animal behavior, society, science and technology (SST), and science communication. We believe that their comments from wider and more general perspectives enhanced the values of the reviews.

Our attempts from bird’s-eye view toward reproducibility of psychology elucidate that there exists some difference in degrees of commitment to this problem among areas of psychology, critical issue of data analysis, and (pros and) cons of questionable research practices (QRPs) lurking anywhere in routine works of psychological experiments. We strongly hope that our special issue will become a milestone for the “next step” toward renewed psychology.