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Computational Methods for Health Informatics

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Abstract

Huge volumes of biological and healthcare data have
been generated and accumulated together rapidly
with high scale. The exponential growth and easy
availability of these data have offered a movement in
research activity of healthcare data science. The
traditional methods are incapable of processing and
management of enormous quantity of complex with
high-dimensional healthcare data in terms of volume
and variety. Recently data science technologies have
been increasingly used in the research of biomedical
and healthcare informatics. Big data analytics
applications have unlocked innovative opportunities
to extract hidden knowledge and develop advanced
computational approaches to provide improved