

1 Automated Data Extraction Software for Medical 2 Summary Using Text Mining (T-Library)

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16 Abstract

17 The electronic medical record (EMR) is a source of clinical information and is used for clinical
18 research. Clinical researchers leverage this information by employing staffs to manually
19 extracting data from the unstructured text. This process can be both error-prone and labor-
20 intensive.21 This software (T-Library) is a software which automatically extracts key clinical data from
22 patient records and can potentially help healthcare providers and researchers save money, make
23 treatment decisions and manage clinical trials.24 This software saves labor for data transcription in clinical research. This is a vital step toward
25 getting researchers rapid access to the information they need. This is also the attempt to cluster
26 patients' morbid states and establish accurate and constantly updated risk engine of
27 complications' crises, using deep learning.

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29 Strengths: 1) Quick and Easy operation

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31 URL: <http://www.picoron.com/tlibrary/>