Docket #: S18-042

Software for the Image Processing System

Stanford researchers have developed software that provides an end-to-end automation of pre-processing, quantification and collation of results. The software's functions include efficient storage of raw image files from the data source; standardization of images; pipeline interfacing for first and second level quantification of specific brain region activation; reduction of activation and connectivity values into composite values, and; a per-person “fit score” determination, which would aid in diagnostic decisions.

Related Biotype depression technologies available for license:
S16-375
S17-255
S18-083

Applications

- Diagnostic subtyping for depression and related disorders.
- Matching subtypes with treatment options.

Advantages

- Integrates intrinsic resting and task-dependent brain data.
- Shepherds data along a pipeline for quantification and generation of fit scores.

Innovators

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