Docket #: S17-255

Brain function and connectivity norms - softwware

Stanford researchers have developed a novel method for the quantification of person-level network functioning, enabling the diagnosis of depression and suggesting an appropriate treatment. Despite advances in brain imaging providing insights into depression-induced disruptions in brain function, there has not yet been a translation of these insights into clinical practice. One crucial step in this translation that this method addresses is the identification of a reproducible and reliable summary metric derived from normative data and analogous to normed neuropsychological tests.

Related Biotype depression technologies available for license:
[S16-375](S16-375)
[S18-042](S18-042)
[S18-083](S18-083)

Applications

- Providing benchmarks for interpretation of brain-based "biotypes."
- Could be expanded for interpreting any state of functional brain activation and connectivity thought to be maladaptive.

Advantages

- Pragmatic, normative method for resting functional brain connectivity, based on practices established in other fields such as neuropsychology.

Innovators

- Leanne Williams

Licensing Contact

Imelda Oropeza

Senior Licensing Manager, Physcial Sciences

Email