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Evidence of Brain Abnormality - It's in the Data

WHY QUANTIFY

Quantify analyses were developed by MINDSET in a collaboration between attorneys who are experts in the admissibility of scientific evidence and neuroscientists who are experts in neuroimaging data analysis and neurobiology

Data

Comparison of an individual's FA values to the FA values from a large sample of age and sex-matched control subjects

Analyses

Determinations of abnormalities account for multiple comparisons

Statistics

Statistically sound results show where the client's data is within or outside of normal limits

Interpretation

Quantify provides an objective evaluation of DTI to serve as the foundation for interpretation by qualified experts

Quantify's database includes over 1,200 individual subjects providing the most scientifically valid normative database for individual comparison

Quantify measures an individual's gray matter volume in 107 different regions of the brain — each of which has known functional and behavioral correlates

1,200

107

Mindset Integrated Co. Main line (505) 249-7058

WHY QUANTIFY™

The Quantify approach to quantitative analysis involves collecting high-resolution MRI data across the entire brain in very thin slices so that Quantify algorithms can extract detailed measurements of the brain's gray and white matter

Quantify organizes the gray matter data into 107 recognized brain regions and measures the integrity of 48 major white matter fiber tracts interconnecting brain regions for a comprehensive inspection of where dysfunction may be occurring

A scaling scan is used to calibrate every scanner where Quantify client data is collected — a scaling approach that is unique to Quantify

CAUSATION

Using the correct methods and comparison group, objective evidence of abnormality can be quantified

The next step in determining the cause of that compromise is a complete and careful expert review of client history integrating the information collected across multiple domains

With Quantify the evidence of brain damage is no longer hidden in the data

RELIABILITY

Quantify was designed to ensure the sensitivity of the analysis and the reliability of the findings

The science underlying Quantify was developed over decades by neuroscientists with expertise in neuroimaging data analysis and neurobiology

The Quantify database and the underlying processing pipeline are subject to quality control measures that begin before the client's data is collected

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Quantify™ Direct line (505) 333-8061