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Motor Behavior Characteristics in Various Phases of Bipolar Disorder Revealed Through Biomechanical Analysis: Quantitative Measures of Activity and Energy Variables During Gait and Sit-to-Walk

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Highlights

- The hypomanic group moved faster compared to the euthymic, depressed and healthy groups during gait and sit-to-walk.
- The hypomanic group also produced more force and power compared to the euthymic, depressed and healthy groups during gait and sit-to-walk.
- Although this study was based on laboratory-based assessments, our findings suggest that movement speed and force production may serve as activity and energy markers for hypomanic symptoms in bipolar disorder.

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