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Complementary & Integrative Health Analysis

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Abstract: The Healing Warriors Program (HWP) is a non-profit organization aiming to improve the quality of life for veterans suffering from Post-Traumatic Stress Disorder and Traumatic Brain Injury through alternative healing modalities. Various hypotheses were tested using data gathered on pre- and post-treatment anxiety, pain, and emotion to determine significant differences in these quality of life measures (QoLM). After grouping clients by treatment number and modality, hypothesis testing determined short-term improvement across all modalities. Meanwhile, regression analysis showed varied long-term effect on QoLM. Improved data collection methods and further research could enable HWP to determine overall effectiveness of their treatments.

Keywords: panel data, hypothesis tests, OLS regression