

1106-VI-2373      **Veroni Jayawardana\*** (jayawavn@clarkson.edu), NY , and **Sumona Mondal**  
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The purpose of this study was to assess the presence of factors contributing to movement-related fear for subjects with Fibromyalgia (FM) based on the collected data by a national internet survey of community-based individuals. The study focused on variables Activities-Specific Balance Confidence scale (ABC), Primary Care Post-Traumatic Stress Disorder screen (PC-PTSD), Tampa Scale of Kinesiophobia (TSK), a Joint Hypermobility Syndrome screen (JHS), Vertigo Symptom Scale (VSS-SF), Obsessive-Compulsive Personality Disorder (OCPD), Pain, work status and physical activity dependent on “Revised Fibromyalgia Impact Questionnaire” (FIQR). Results indicated function (FIQR) was highly correlated to Pain, ABC, VSS and TSK. A linear regression using both the methods Best Subset Regression (Russek et al.(2014)) and Bayesian analysis with appropriate priors (Jayawardana et al.(2014)) showed the contribution of significant factors in expected directions. Finally, Missing values were interpreted using Multiple Imputation, obtained a regression model with imputed values and compared with the previous models.

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