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Solar storms are highly complex and powerful phenomena that have a significant impact on the Earth and the solar system at large. As scientists are learning more about the interaction of the sun and the Earth, some are turning their attention to the impacts that space weather might have on human health. This discipline of research on how the sun can directly affect biological organisms is called Heliobiology. Along with driving space weather events during its 11 year solar cycle, the sun also has a direct influence on the amount of Galactic Cosmic Rays (GCR) that the Earth receives. The purpose of this study is to take a statistical approach to understand if there are any correlations between significant space weather events, GCR, and human health.

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