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Statistical Influence

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Advancing the spread and practice of statistics enhances an organization's ability to successfully achieve their mission. While there are well-known examples of corporate leadership mandates to employ statistical concepts, more often the spread of statistical concepts flourishes more effectively through the practice of statistical influence. At first glance, the term influence may seem to imply a passive and unenthusiastic posture toward promoting organizational change. However, in a classical definition, Webster (1828) articulates the powerful and yet subtle aspects of influence by stating that it "⋯denotes power whose operation is invisible and known only by its effects⋯;"a definition that embodies this presentation's theme. Stated plainly, powerful statistical concepts become more widely known and engrained primarily through demonstrated organizational impact. In this presentation, strategic and tactical elements of statistical influence are outlined and exemplified through practice at NASA.

Keywords

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