

Title: Florence Nightingale: how she used, managed, and explained data to save lives

Abstract: Florence Nightingale is well known in the statistics and mathematics community for her contribution to statistics and her visualization of data using polar area diagrams. However, the details of her work are often not fully appreciated. This talk, drawing on Nightingale's own writings, will show how she not only challenged but also corrected British officials' use and management of data during and after the Crimean War. Her work influenced policy makers in the British Army and Government, resulting in improved conditions for both soldiers and the working classes. Her notes on the use and management of data are as relevant in today's data-focused society as they were in Victorian Britain.

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