1126-68-369   **Jamie R Lyle*** (`jamie.lyle@navy.mil`). *Soft Biometrics of Partial Face.*
Data analytics brings to mind large amounts of text or transactional data, but can also pertain to images. Given large numbers of images containing people, the identity of the individuals, or possibly some description of them, would make it easier to explore the data and find relevant images. Soft biometric information is any trait that can describe an individual, but not uniquely identify them, such as gender, ethnicity, height, or hair color. Images are often collected of individuals from a non-frontal angle or only part of the face is captured. This work looks at soft biometric classification, namely gender classification, on two publicly available datasets, Facial Recognition Grand Challenge (FRGC) and Labeled Faces in the Wild (LFW) using partial and/or unaligned faces. The classification techniques utilize L1-minimization and sparse representation. (Received January 17, 2017)