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Statistical properties of faculae and sunspots extracted from the Solar Feature Catalogue

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We present results from a study of sunspots and faculae automatically extracted from the SOHO/MDI white light and Meudon Ca II K3 images and populated into the Solar Feature Catalogue in EGSO http://www.cyber.brad.ac.uk/egso/SFC/SFCtest.html for the period of 1996-2004. We present variations with the solar cycle phase of total, maximum and mean intensities and magnetic field intensities for feature sizes, heliocentric locations, and their complexity. Some systematic differences are found in faculae intensity variations as a function of a heliocentric angle and, particularly, of their size. These are compared with the sunspot statistical properties for the same locations and the relations between active regions activity and complexity of sunspot groups and magnetic field characteristics within these regions is also investigated.