Sex differences in the healthy brain

* History
* Total Brain size/volume
* Cortical thickness/ GM-WM ratio (1st grey, 2nd WM)
* WM differences
* Lateralisation/hemispheric asymmetry
  + Sex hormones as potential reason for asymmetry
* Differences in cognitive abilities
  + Men: spatial, Women: Verbal

Sex differences in stroke

* Incidence/prevalence
* Severity
* territories
* Sex hormones
* Sex chromosomes

Neglect

* Short Definition
* symptoms
* Incidence/prevalence
  + Sex difference in incidence
* Neuroanatomy

Motivation

* Sex differences in brain connectivity, stroke + visuospatial cognitive abilities have been studied extensively, but not in neglect
* Investigate not only lesions, but also disconnectivity