# Supplementary Material 7: Cleaning hospital admissions in the MHMDS

Flow chart showing data cleaning for admissions to hospital (N=number of admissions)

**Hospital** admissions starting between 01/04/2013 and 30/11/2015
N = 367,293

After keeping only one admission if more than one admission had the same starting date and same ending date
N=182,163

After keeping only one admission if more than one admission had the same starting date, then the admission with the latest ending date kept
N = 165,837

After keeping only one admission if more than one admission had the same ending date, then the admission with the earliest starting date kept
N = 165,398

After dropping admission within another admission
N= 159,616

After merging admissions that started on same day or following day the previous admission ended
N =157,109 in 113,047 persons

In people with no dementia/learning disabilities and aged ≥16
N = 189,319