

## The ADAMS project: a genetic <u>Association study in individuals from Diverse</u>

### Ancestral backgrounds with Multiple Sclerosis: Protocol and baseline results.

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#### Background

- Genetic studies of Multiple Sclerosis (MS) have focussed on people of European ancestry.
- MS affects people of all ethnic backgrounds and may be more aggressive in minority ethnic groups.
- Failure to include diverse populations in genetic studies of MS may exacerbate health disparities.

Clinical sites

Barts/QMUL

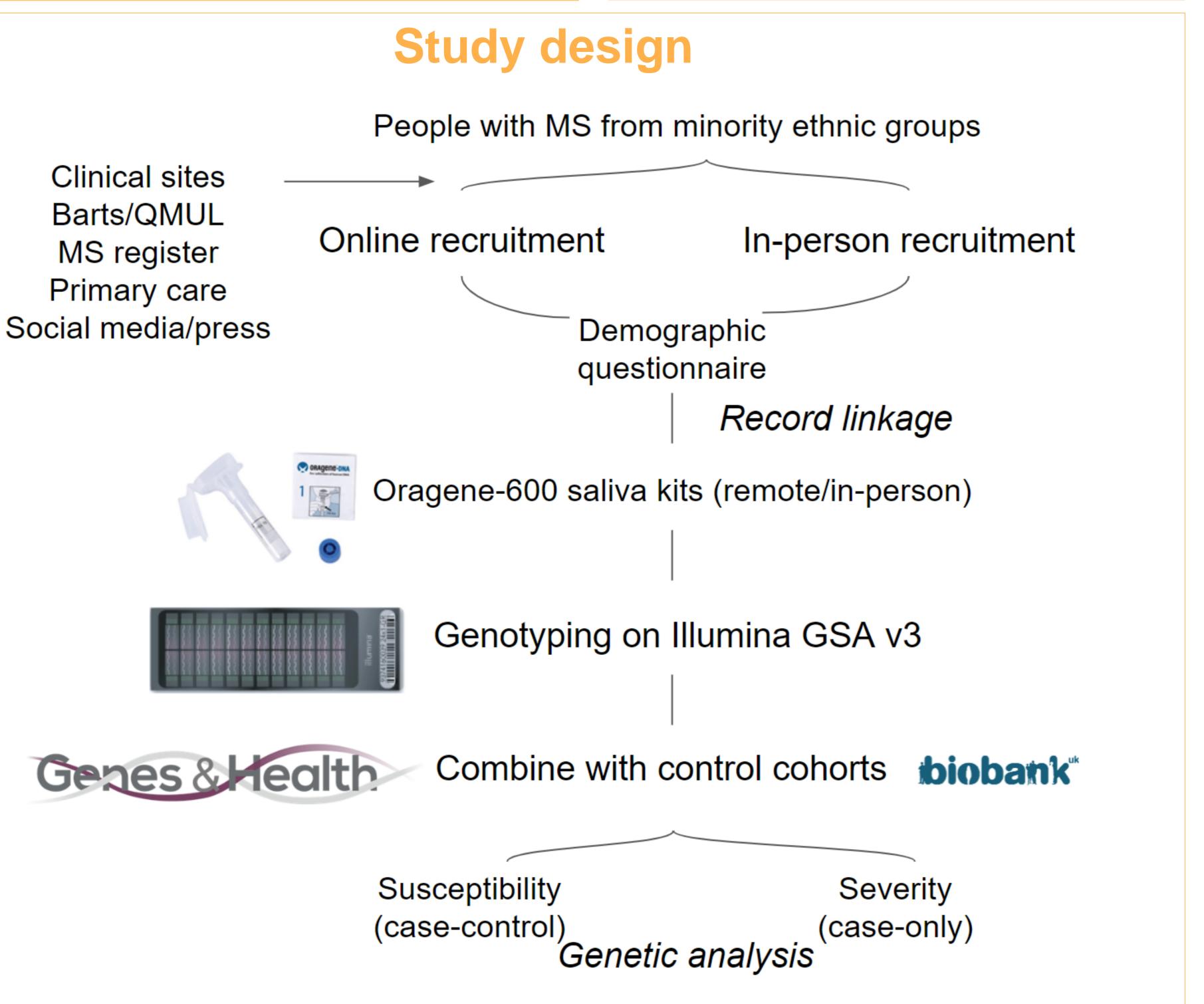
MS register

Primary care

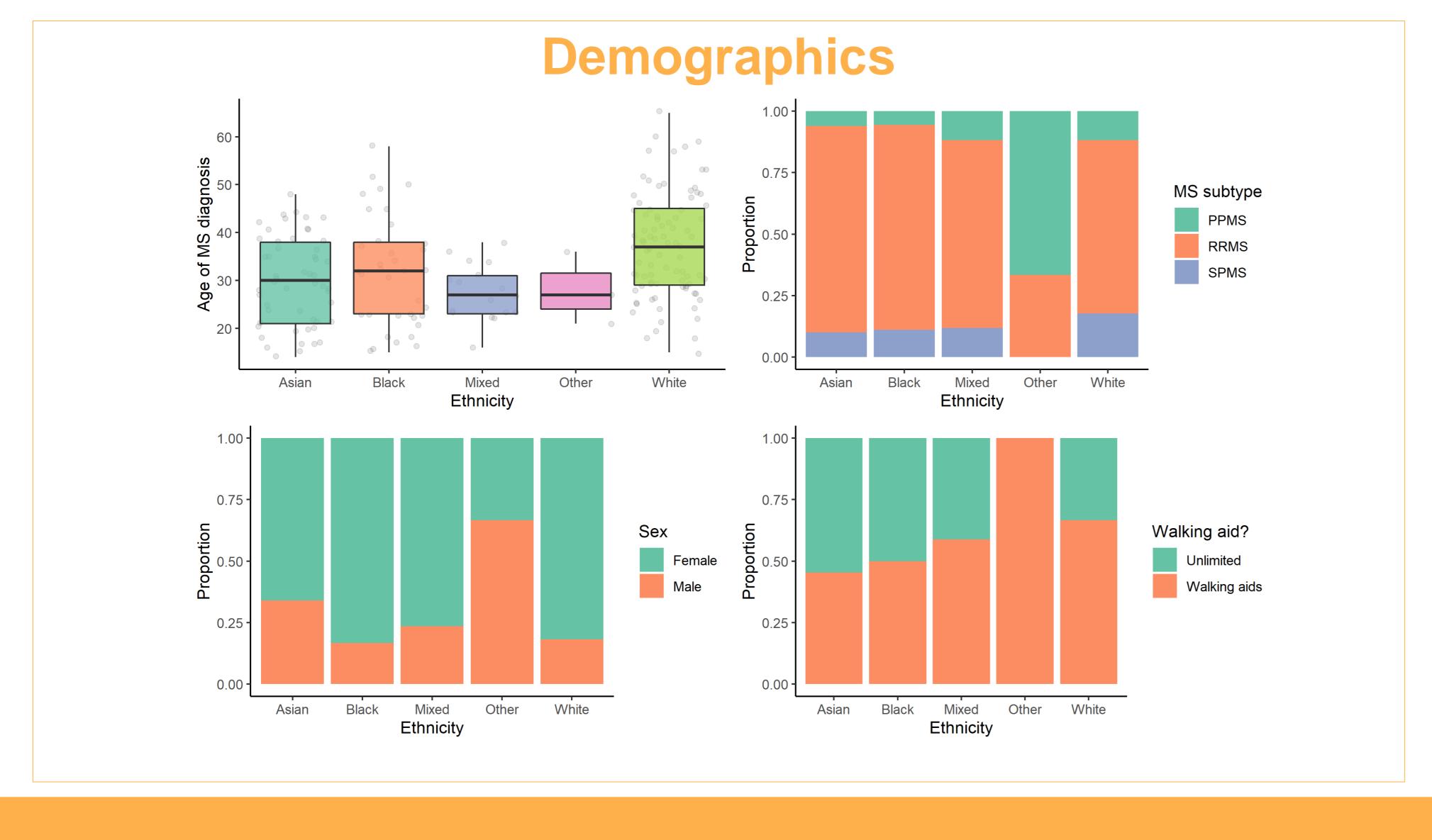
#### Aims

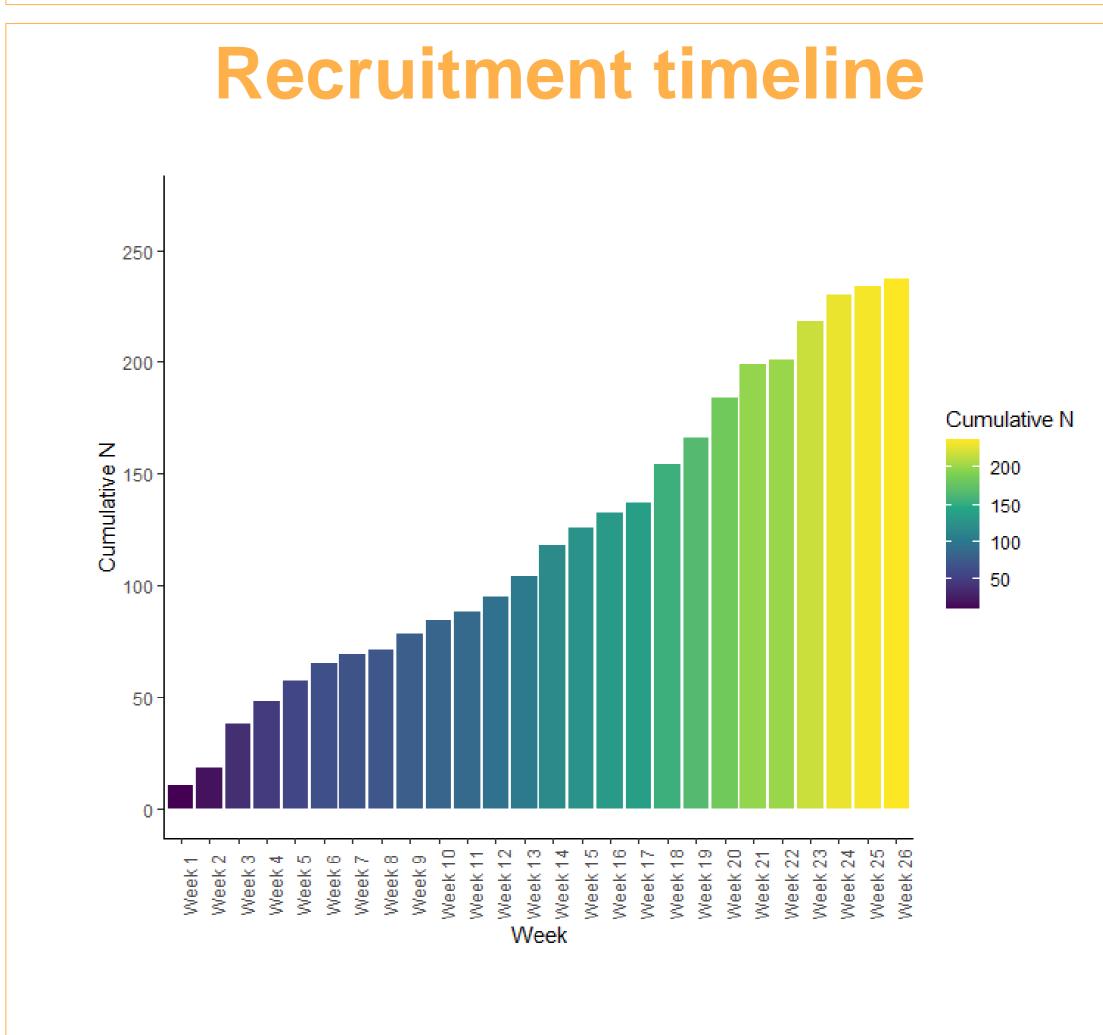
- Establish a large genotyped cohort of people with MS from diverse ancestral backgrounds.
- Assess the degree of replication of European MS risk variants in other ancestries.
- Enhance the generalisability of MS genetic risk scores to other ancestries.

# Recruiting network **Leeds University Hospitals UK MS Register** Bradford | Nottingham Birmingham Royal London Hospital Coventry Imperial Kings College Hospital Queens Hospital, Romford Lewisham & Greenwich











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