



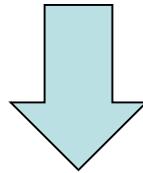
GENETIC ANALYSES FOR PHARMACOGENETIC RESPONSE OF BLOOD PRESURE TO ANTI-HYPERTENSIVE DRUGS: USING ASCOT & OTHER DATASETS

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CVD Seminar Talk, Thursday 15th Oct 2020

Intro & Aims

- Anti-hypertensive drugs are commonly used to lower BP
 - However, there is substantial *inter-individual variability* in **BP responses to anti-hypertensive drugs**
- It is hypothesised there could be genetic influences
 - One goal of pharmacogenetics is Personalised Medicine, i.e. to aid in optimal treatment selection



AIM: To identify genetic variants which mediate the effect of antihypertensive drugs on blood pressure lowering response

THE END!



➤ Any Questions...?

- Any feedback / comments also welcome:
 - discussion points for the paper...?
 - any other analyses the paper would majorly benefit from, which are within scope / timelines...?
 - any suggestions from other analysts for solving some of the challenges with e.g. heritability analyses or genetic correlation analyses...?

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Acknowledgements

- Tatiana Garofalidou
- Matthew Traylor
- Will Young
- Patricia Munroe
- Mark Caulfield
- Support from WHRI
BP genetics group

Other Study Collaborators:

- Sandosh Padmanabhan (NORDIL)
- Olle Melander (NORDIL)
- Anna Dominiczak (NORDIL)
- Sonal Singh (INVEST & ICAPS)
- Timo Hiltunen (GENRES & ICAPS)
- Nicola Glorioso (ICAPS)
- Rhonda Cooper-DeHoff (INVEST & ICAPS)

