# Introduction

#### Background

#### Methods

#### Results

#### Discussion



## Appendix A

#### A.1 MATHEMATICAL SYMBOLS AND DEFINITIONS

Symbol	Definition
$A,B,C,\dots$	Candidates
$a,b,c,\dots$	Voters
$\{a,b,c,\ldots\}$	The set of all voters
	The preference of a voter $x$
	The ballot of a voter $x$
$\prec,\succ,\preceq,\succeq$	$A \prec B \Rightarrow A$ is preferred to $B$ , $A \preceq B \Rightarrow A$ is preferred or indifferent to $B$
$\mathcal{W}(x)$	Social welfare function for a voter $x$
$\mathcal{I}(h,\ldots)$	A ballot generator (synthesizer) with some hyper-parameters $\boldsymbol{h}$
$\mathcal{S}(x)$	The strategy for a voter $x$
$\mathcal{M}(\{a,b,c,\ldots\})$	The outcome of a method, $M$ , on a set of ballots.