Work division for the coming days
Main responsibles to the right

1. Coding   Haukur
   - θ-Rule   Max, Haukur
   - Axiom Checking   Max, Silvan, Haukur

2. Proofs   Grzegorz, Max
   - Consistency
   - Monotonicity

3. Data Generation   Silvan

4. Suitable Statistical Framework   Grzegorz

5. Presentation Outline   Silvan

How we handle the axioms:
- Consistency: can't check automatically, need proof
- Unanimity: have proof for some rules, check the approaching behavior for others
- Homogeneity: have proofs
- Monotonicity: need proof
- Committee Monotonicity: check approaching behavior for incrementally rising budget
- Regret Minimization: what is the added regret wrt to utility maximization (in %)?
                       Equality: Gini coefficient in outcome?
- θ-Minority Consistency: θ=at least θ-ority against every candidate
                          Try to find highest θ, but there might be none.
- Copeland Axiom: θ'=majority against θ'*|A|
                  try to find the smallest θ'
              Fixed Majority is the special case where θ'=1