



Recruitment rate stochasticity at the design stage of a clinical trial

Supervision by Malgorzata Roos

Pilar Pastor



Why recruitment rates?

- Timely recruitment vital to the success of a clinical trial
- Inadequate number of subjects → lack of power
- Recruitment period too long → competing treatments
- Recruitment of patients varies at each stage
- [Carter \(2004\)](#)



Second Slide



Shrunk Slide 1



Shrunk slide 2



Results



Conclusion



Next steps



References

Carter, R. E. (2004). Application of stochastic processes to participant recruitment in clinical trials. *Controlled clinical trials*, 25(5):429–436.