

Sample Size Planning Worksheet

Document the assumptions behind an analyzable and recruitment target.

Primary research question and hypothesis

Primary outcome and statistical model

Core inputs

Input	Selected value	Evidence or rationale
Effect-size definition		
Alpha and tails		
Power		
Allocation ratio		
Correlation or design effect		
Expected attrition		

Sensitivity scenarios

Scenario	Effect or rate	Analyzable N	Recruitment N
Optimistic			
Central			
Conservative			

Audit checklist

- ☐ The calculation targets the primary hypothesis.
- ☐ Software, method, version, and all settings are recorded.
- ☐ The result is labeled as total or per group.
- ☐ Attrition is applied using the expected retention proportion.
- ☐ An independent calculation or known reference case was checked.

Use this resource with the related DataStatPro guide. Adapt every decision to the approved protocol, data structure, and destination requirements.