

Engaging with Statistician – How to get the most bang from your buck

- **Research Question** – Most important !
- Study Design & Data organizing
- **Data Dictionary** – Most important !
- Initial ideas on Sample size
 - From your clinical perspective, what is the smallest but meaningful effect size? We can go from there
- Initial ideas on Analysis Plans –
 - Brainstorm with us
- Potential issues – Practical constraints that you know will influence the project
- Timeline

How to reach out to us?

- Biostatistical Consulting Service at Monash Centre for Health Research and Implementation (MCHRI), under Monash Health and the Monash University
- Services
 - General advice on study design and grant writing
 - Advice on statistical rigour and sample size
 - Assistance with statistical analysis.
- Cost
 - The initial consultation (up to two hours) is free
 - Additional cost \$125 per hour
 - Costs for small projects are generally quoted up to \$10,000; medium projects up to \$25,000; large projects over \$25,000

Resources

- Research Question Frameworks : <https://libguides.library.cqu.edu.au/c.php?g=949210&p=6880841#s-lg-box-22084512>
- Data Dictionary Course at Monash University : <https://www.monash.edu/data-fluency/toolkit/health-research-data-dictionary>
- Catalog of Bias : <https://catalogofbias.org/>
- Different Study Designs : <https://www.cebm.ox.ac.uk/resources/ebm-tools/study-designs>
- Sample Size and Power : <https://emj.bmj.com/content/20/5/453>