

TGI ICU Power Analysis – FMER Correction

06/25/24

Embedded Palliative Care in the Medical Intensive Care Unit: Power Analysis

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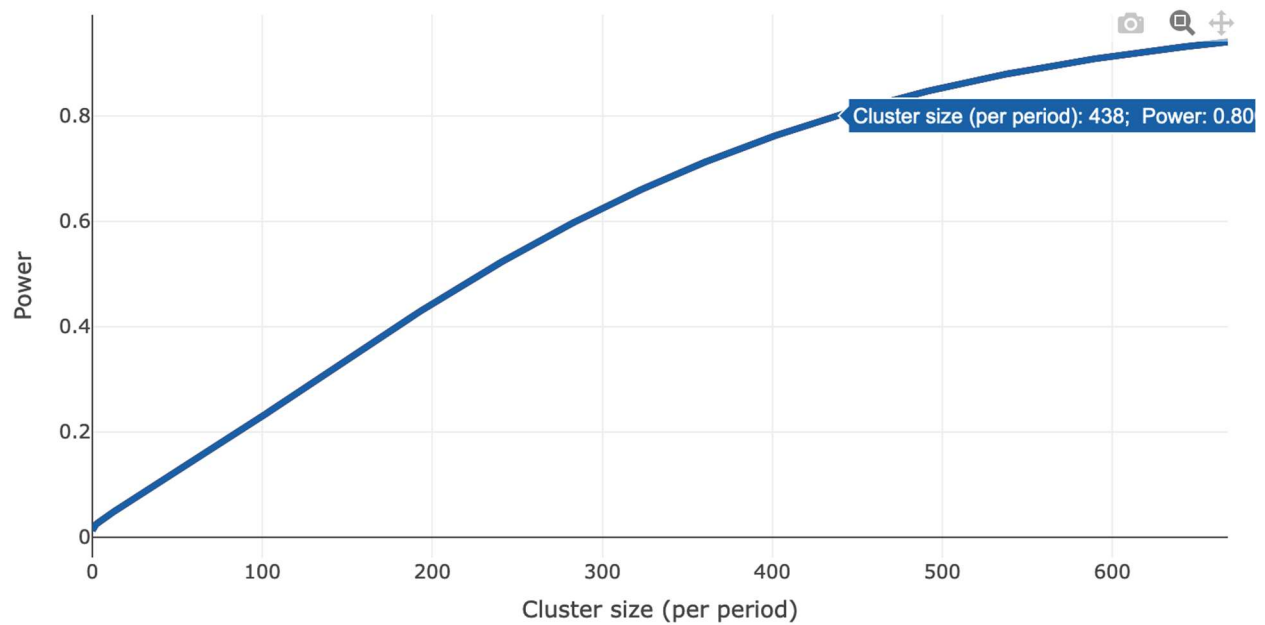
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Design: Stepped-wedge design, cross-sectional sampling, exchangeable correlation structure, no varying cluster sizes, 2 steps, 1 cluster per sequence

| C | Period 1 | Period 2 | Period 3 |
|---|----------|----------|----------|
| 1 | 0 | 1 | 1 |
| 2 | 0 | 0 | 1 |

Assumptions: Continuous outcome type, 80% power, .25 effect size, .03 ICC, .025 alpha



438 per cluster (2), per period (3)

876 per period (3)

2628 total for study

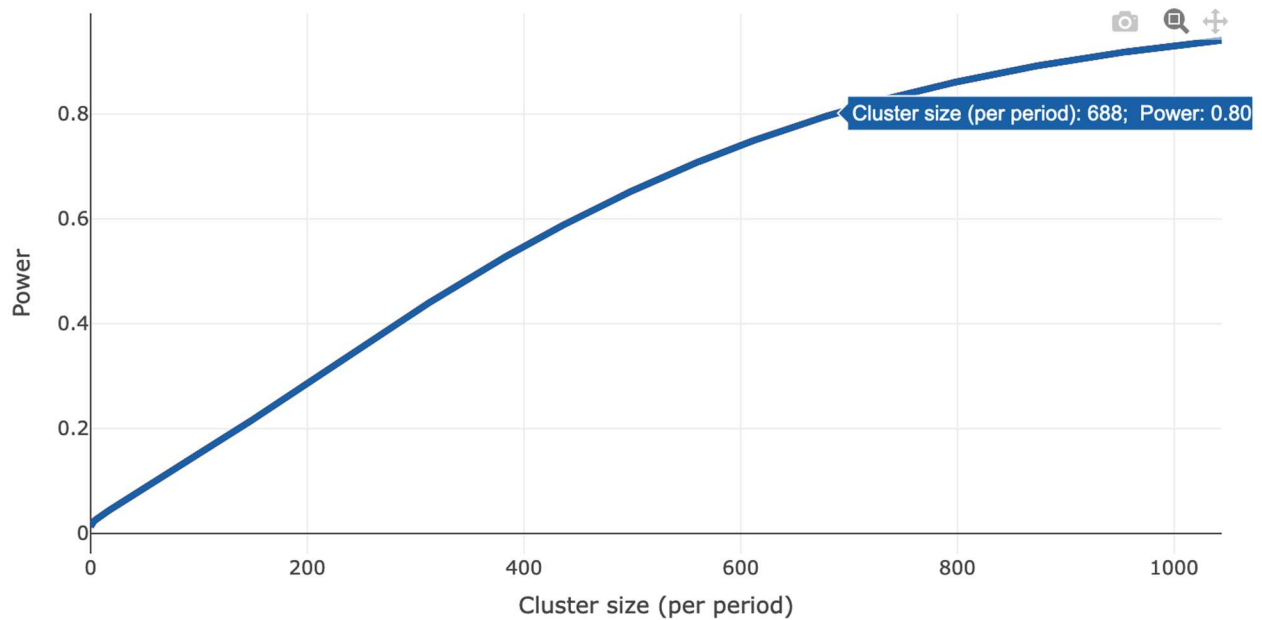
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| C | Period 1 | Period 2 | Period 3 |
|---|----------|----------|----------|
| 1 | 0 | 1 | 1 |
| 2 | 0 | 0 | 1 |

Assumptions: Continuous outcome type, 80% power, .20 effect size, .03 ICC, .025 alpha



688 per cluster (2), per period (3)

1376 per period (3)

4128 total for study