AB testing tread ment Longtwol Hois not Hois rejected Paver = 1 - B P(Ho; snot reg / Ho is false) Ho: MI = ML. Hu: 1/2 +0 1) Effect Size n = 10 Ho: p=0 p-value = 0,2 Ho: s, not ry 2) Sample Size 2 3) significance h = 1000 Hois rej 1-6 4) Studical Power p- value = 0,02

$$2 - \frac{1 - m_u}{6_u} \sim N(0,1)$$

$$m_u = \frac{n_i h_2}{2}$$

$$\delta_u = \sqrt{\frac{n_i n_2 (h_i + n_2 + 1)}{12}}$$