Linear time trend A) B) D) 0.075 -0.075 -0.075 0.075 -Conditional type I error rate for arm 2 0.0625 0.0625 0.0625 0.0625 0.05 0.05 0.05 0.05 0.0375 0.0375 0.0375 0.0375 0.025 0.025 0.025 0.0125 0.0125 0.0125 0.0125 5.0 7.5 5.0 7.5 2.5 10.0 0.0 2.5 10.0 0.50 0.75 0.0 0.00 0.25 -0.150 -0.075 0.000 0.075 0.150 $r = n_{01}/n_{02} = n_{11}/n_{12}$ $a = n_{11}/n_{01} = n_{12}/n_{02}$ Futility bound α_1 Estimator for θ_2 : \bullet $\tilde{\theta}_2$ with $\hat{\theta}_1$ from periods 1 and 2 \bullet $\tilde{\theta}_2$ with $\hat{\theta}_1$ from period 2 \bullet $\tilde{\theta}_2$ with $\hat{\theta}_1$ from period 1 Stepwise time trend A) B) D) 0.075 0.075 0.075 0.075 -Conditional type I error rate for arm 2 0.0625 0.0625 0.0625 0.0625 0.05 0.05 0.05 0.05 0.0375 0.0375 0.0375 0.0375 0.025 0.025 0.025 0.0125 0.0125 0.0125 0.0125 0 -5.0 7.5 10.0 2.5 5.0 0.0 2.5 0.0 7.5 0.00 0.50 0.75 1.00 10.0 0.25 -0.150 -0.075 0.000 0.075 0.150 $a = n_{11}/n_{01} = n_{12}/n_{02}$ $r = n_{01}/n_{02} = n_{11}/n_{12}$ Futility bound α_1 Estimator for θ_2 : \bullet $\tilde{\theta}_2$ with $\hat{\theta}_1$ from periods 1 and 2 \bullet $\tilde{\theta}_2$ with $\hat{\theta}_1$ from period 2 \bullet $\tilde{\theta}_2$ with $\hat{\theta}_1$ from period 1