

Table 1: power analysis by seasonal period: two sample t test

seasonal period	Cohen's d effect size (calculated)	alpha (proposed)	sample size (actual)	power (calculated)
weeks 23-25	0.35	0.05	270	0.98
weeks 26-31	0.04	0.05	480	0.10
weeks 32-34	0.09	0.05	180	0.13