P−values for sampling 5 of n vs Prevalence

prob of >= 5 samples

Prevalence f: fraction of L−type

Legend:
- == 5 of 5 samples
- >= 5 of 6 samples
- >= 5 of 7 samples
- >= 5 of 7, with 2x advantage
- >= 5 of 7, with 9x advantage
- >= 5 of 7, advantage needed for p>=0.05 (right axis)