

## **A general approach to combine multiple rare variant tests of association**

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Over the last few years, numerous rare variant tests of association have been proposed. Many of these tests are nearly optimally powerful for a particular genetic architecture. Practically, however, researchers face a daunting task in determining which test(s) to apply to data when little is known about the true genetic architecture of the disease of interest. In this poster we present a general framework for combining multiple rare variant tests of association. We present results combining wide ranging tests, and illustrate the nearly optimal power of this approach across a variety of disparate genetic architectures.