Title: Frankl's conjecture for dense families.

Abstract: A union closed family F is a family of sets, so that for any two sets A,B in F,

A\cup B is also on F. Frankl conjectured in 1979 that for any union-closed family F of subsets of [n], there is some element i \in [n] that appears in at least half the members of F.

We prove that the conjecture is true if |F| >= 2^{n-1}, using tools from boolean analysis.