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A Hardy Littlewood Conjecture for Artin Primes

We say that a prime $p \in \mathbb{N}$ is an *Artin prime* for g if g is a primitive root mod p. For appropriately chosen g, we present a conjecture for the asymptotic number of prime k-tuples $(p + d_1, ..., p + d_k)$ such that $p + d_i$ is an Artin prime for g, for all $1 \leq i \leq k$. Our results suggest that the distribution of Artin prime k-tuples, amongst the ordinary prime k-tuples, is largely governed by a Poisson binomial distribution (Joint work in part with Magdaléna Tinková and Mikuláš Zindulka; and in part with August Liu).