

# Observed IID bit patterns

- Dataset: Reverse DNS entries for 263 domains from 20 different countries with 10 or more IPv6 addresses.
  - 82% of domains use sequential integers.
  - 7% appear to use Mod. EUI-64 (SLAAC?)
  - 2.2% appear to use an IPv4 address
  - <1% appear to use bit fields in some way
  - 7.6% show no obvious pattern (i.e. pseudo-random)

(Source: very recent work by Qinwen (Steven) Hu and Nevil Brownlee in Auckland)