

# Blockchain Decentralization Spectrum

Nakamoto Coefficient = min. entities to control 51%/33%

**Bitcoin (PoW)**

**Ethereum (PoS)**

15K+ nodes

~4 pools control 51%

**Cardano (PoS)**

7K+ nodes

900K+ validators

**Solana (PoH)**

3K+ pools

Stake concentration

**EOS (DPoS)**

1.5K validators

High hardware req.

**Hyperledger (PBFT)**



21 block producers

10-100 validators

Permissioned

**CENTRALIZED**

**DECENTRALIZED**