

# 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**