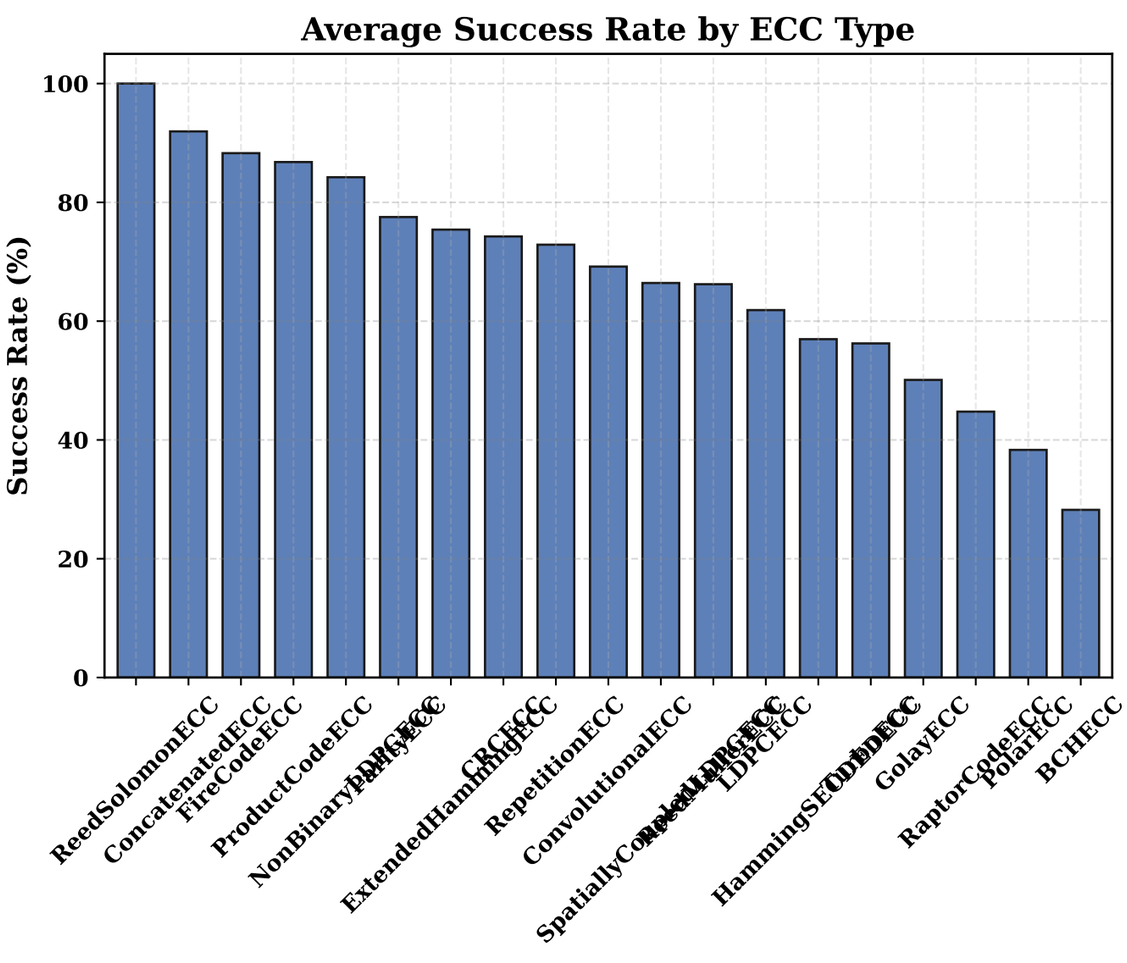
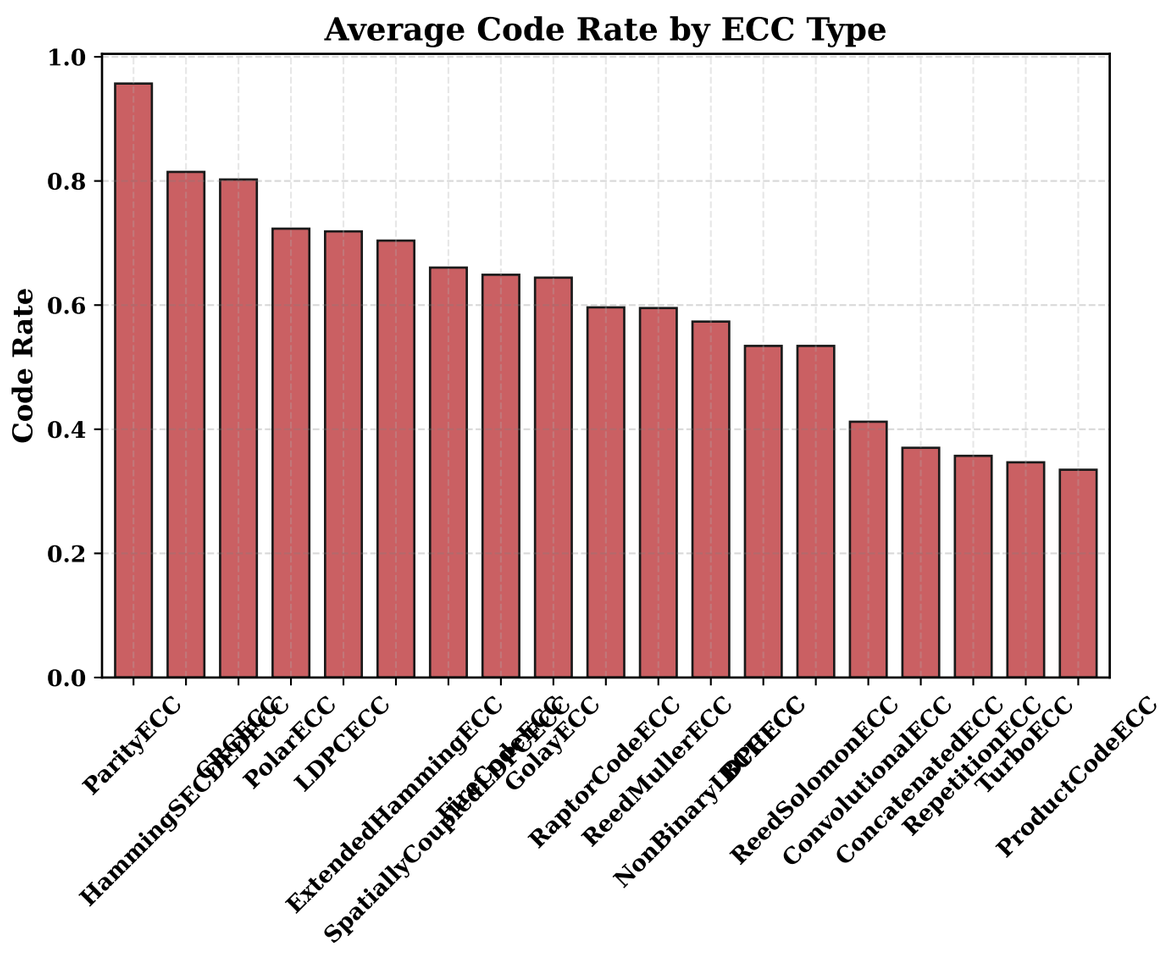
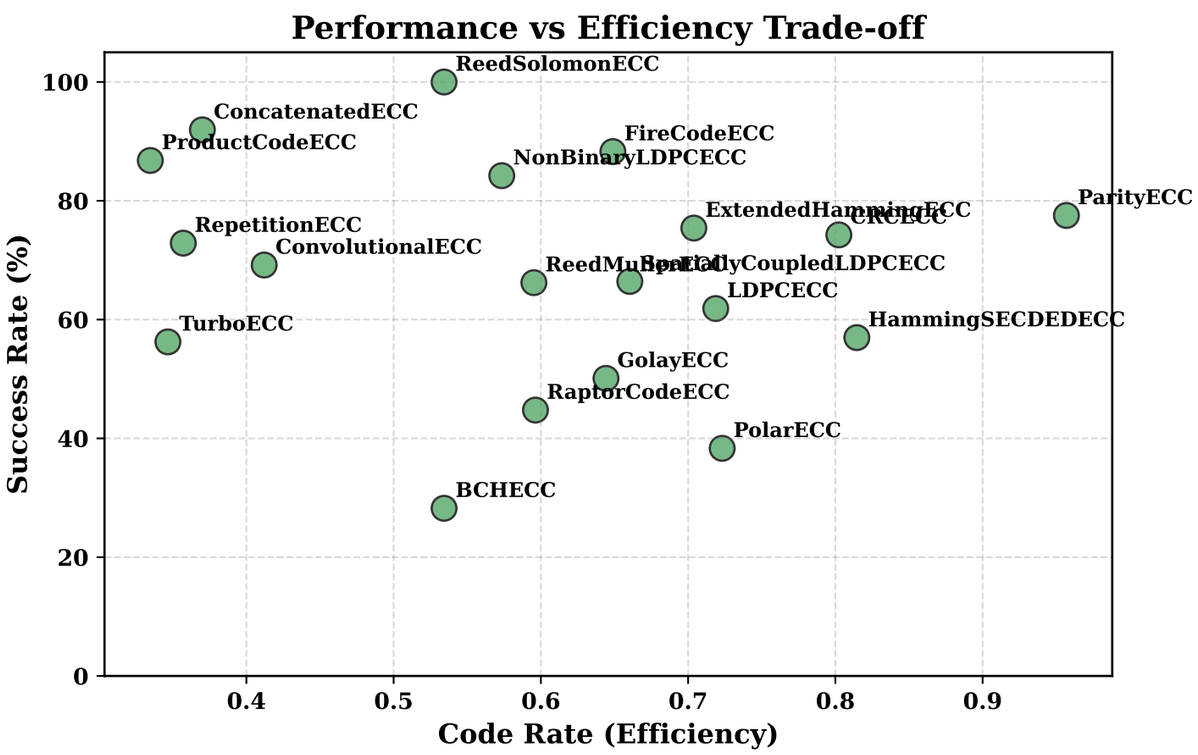
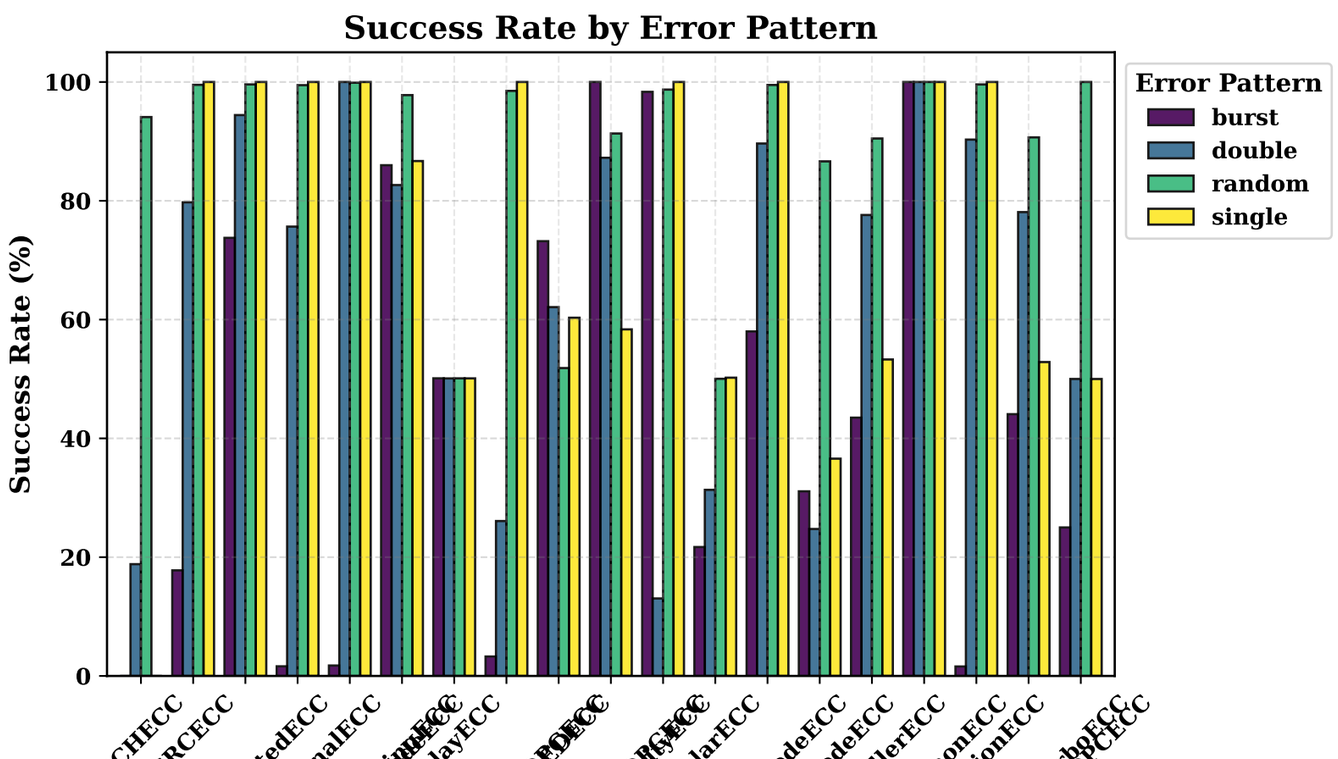

Average Success Rate by ECC Type
Success Rate (%)
0
20
40
60
80
100
ReedSolomonECC
ConcatenatedECC
FireCodeECC
ProductCodeECC
NonBinaryLDPCECC
ExtendedHammingECC
CRCECC
RepetitionECC
ConvolutionalECC
LDPCECC
HammingSECDEDECC
GolayECC
RaptorCodeECC
PolarECC
BCHECC


Average Code Rate by ECC Type
Code Rate
0.0
0.2
0.4
0.6
0.8
1.0
ParityECC
HammingSECDEDECC
CRCECC
PolarECC
LDPCECC
ExtendedHammingECC
GolayECC
RaptorCodeECC
ReedMullerECC
ReedSolomonECC
ConvolutionalECC
ConcatenatedECC
RepetitionECC
TurboECC
ProductCodeECC


Performance vs Efficiency Trade-off
Success Rate (%)
Code Rate (Efficiency)
0
20
40
60
80
100
0.4
0.5
0.6
0.7
0.8
0.9
ReedSolomonECC
ConcatenatedECC
ProductCodeECC
FireCodeECC
NonBinaryLDPCECC
ParityECC
ExtendedHammingECC
CRCECC
RepetitionECC
ConvolutionalECC
LDPCECC
TurboECC
HammingSECDEDECC
GolayECC
RaptorCodeECC
PolarECC
BCHECC


Success Rate by Error Pattern
Success Rate (%)
Error Pattern
burst
double
random
single
0
20
40
60
80
100
BCHECC
CRCECC
ConcatenatedECC
ConvolutionalECC
GolayECC
PolarECC
ProductCodeECC
RaptorCodeECC
ReedMullerECC
ReedSolomonECC
RepetitionECC
TurboECC