

amd64, renoir, crypto\_kem, enc time, ciphertext size, except for NIST Post-Quantum Cryptography Standardization Project  
Horizontal axis: Time (cycles) to generate a ciphertext given a public key (crypto\_kem\_enc).  
Vertical axis: Space (bytes) for a ciphertext (crypto\_kem\_CIPHERTEXTBYTES).

“C:” means that the SUPERCOP database does not list IND-CCA2 security as a goal for this primitive. “T:” means that the SUPERCOP database does not list constant time as a goal for this implementation.

