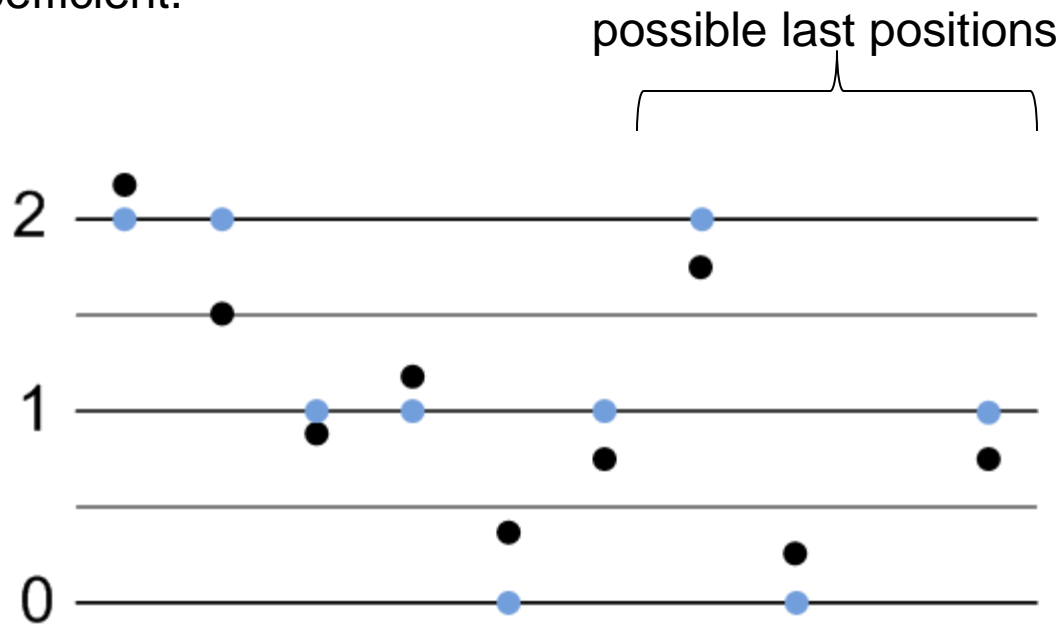


JCTVC-F296 – Modifications to CAVLC RDOQ

RDOQ

- Encoder only modifications to RDOQ for CAVLC.
 - Reduce complexity: ~5% for intra only configuration.
 - Improve performance: 0.1% rate reduction for intra only, random access and low delay configurations.
- Reduce complexity by limiting number of candidates considered to be last non-zero coefficient.



- Improve approximation of bits for the zero level.

All Intra LC			Random Access LC			Low delay B LC		
Y	U	V	Y	U	V	Y	U	V
-0.09	0.18	0.21	-0.08	0.06	0.18			
-0.10	0.14	0.12	-0.09	0.06	0.05	-0.06	0.01	0.07
-0.06	0.06	0.01	-0.10	-0.17	-0.18	-0.09	0.09	0.06
-0.06	0.06	0.05	-0.08	-0.06	0.03	-0.05	0.19	-0.02
-0.05	0.05	0.05				-0.18	-0.23	-0.84
-0.08	0.10	0.09	-0.09	-0.02	0.02	-0.09	0.03	-0.12
95%			96%			99%		
101%			98%			100%		