Co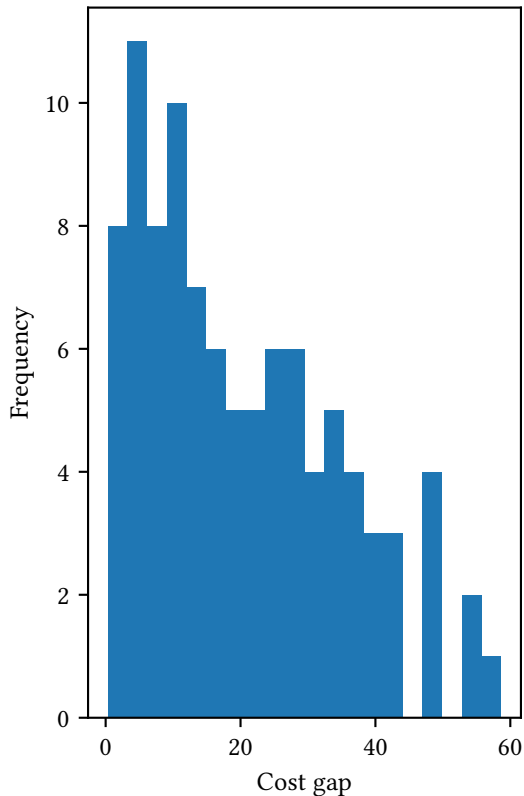st gaps with only input potential — Cost gaps with both input and output potential