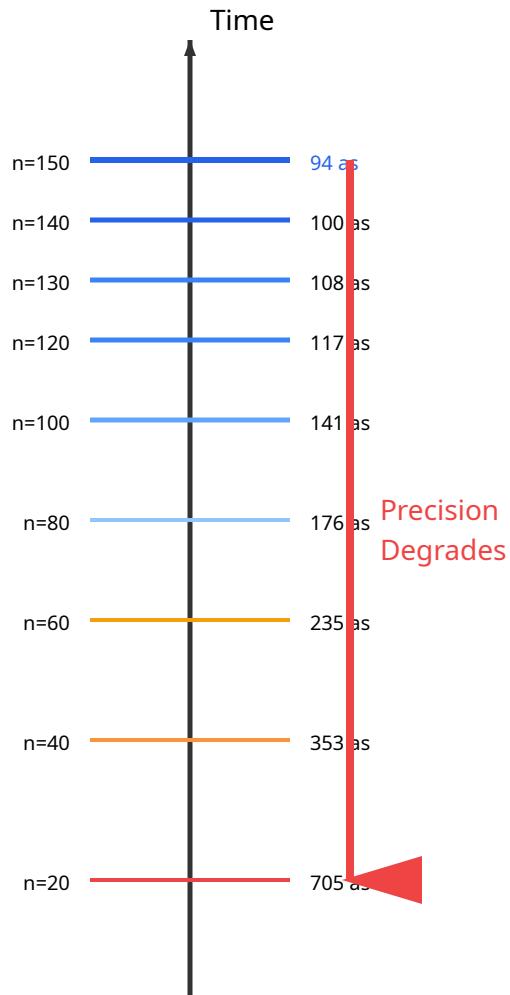


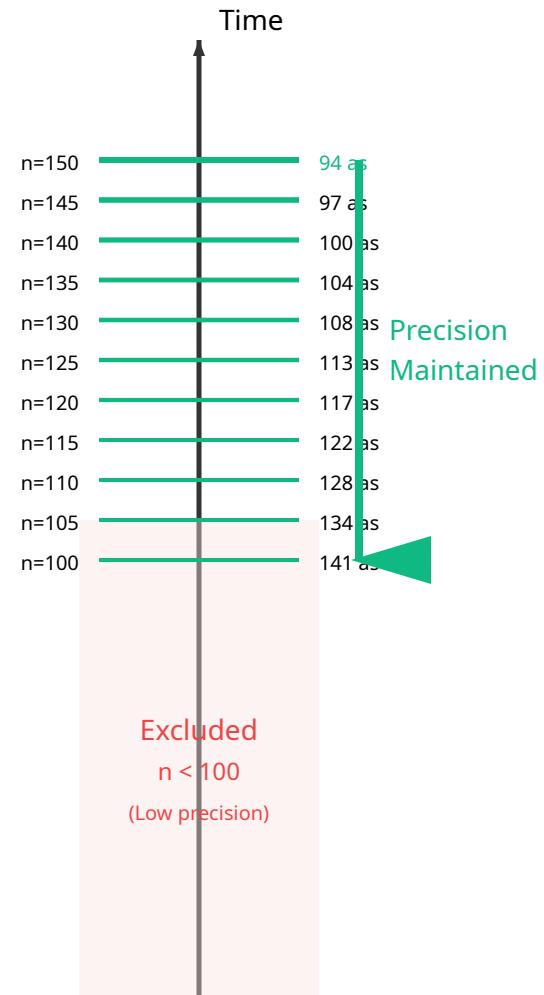
Categorical Exclusion: Precision Management Through State Selection

A. No Exclusion



Average: 400 as

B. Strategic Exclusion



Average: 110 as

3.6× Improvement

Categorical Exclusion Mechanism: Pre-exclude low-precision harmonics ($n < 100$, $\Delta t > 140$ as),
preserve high-precision harmonics ($n \geq 100$, $\Delta t < 140$ as) $\rightarrow 400$ as / 110 as = **3.6× better precision**