

Ratio of timesteps TD-G:Bingo

Anharmonic Morse Oscillator

| | Fewer Samples | Standard | Longer Time |
|-------------------------|---------------|----------|-------------|
| SC time speed-up | 2.8 | 5.7 | 8.1 |
| Classical time speed-up | 44.5 | 44.9 | — |

Overall speedup for this system was about 15x

Bingo Sampling

- Always faster than TD-G
- Speed-ups in both classical and semiclassical parts

Future

- Apply to other SC-IVR methods
- Distribution interpolation
- Waste-recycling MC to further enhance sampling