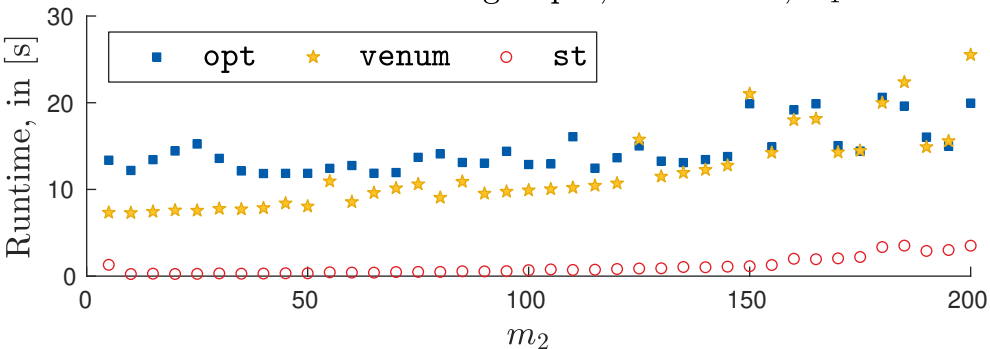


Worst-case runtime for group 1, with $n = 5, m_1 = 10$.



Worst-case runtime for group 2, with $n = 5, m_1 = 10$.

