Crit Angle vs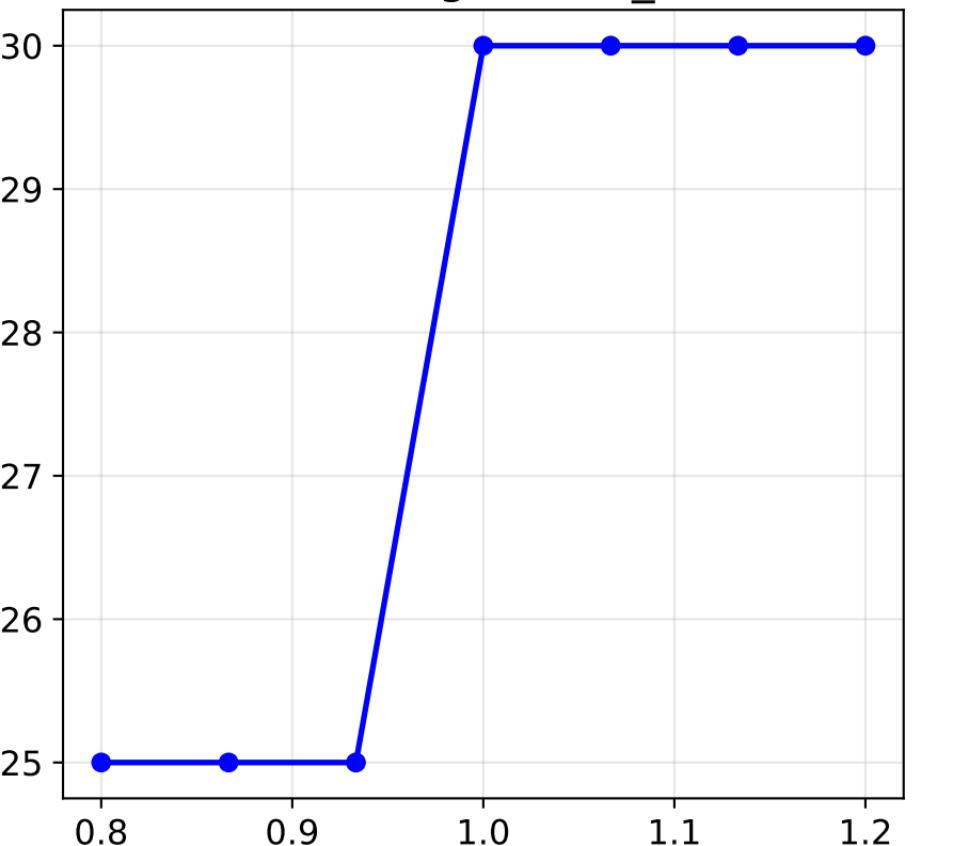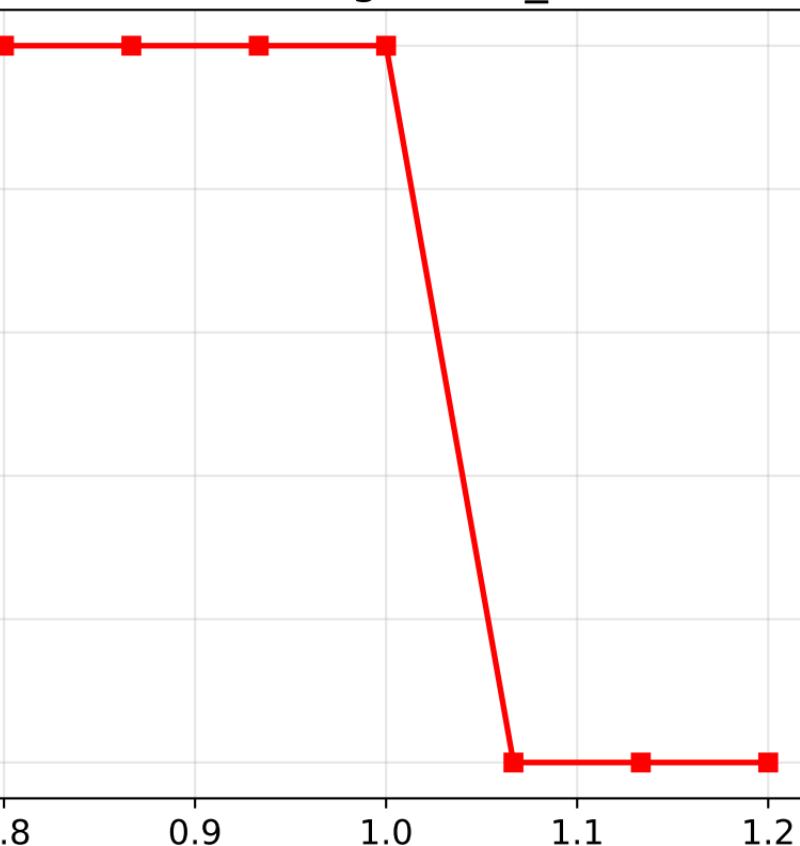 m_1   Crit Angle vs L_1   Crit Angle vs Q_{weights}