

$$S_{\bar{q}q}(k_+) = \frac{1}{N_c} \sum_{X_s} \left| \left\langle X_s \left| \boldsymbol{T} \left[ Y_1^\dagger(0) Y_J(0) t^a Y_J^\dagger(0) Y_2(0) \right] \right| 0 \right\rangle \right|^2 (2\pi) \delta(n_J \cdot p_{X_s} - k_+)$$