

The thermal average of the OPE yields for  $\omega \gg T$

$$\sigma(\omega) = \sigma_\infty + b_1 \left(\frac{T}{\omega}\right)^{3-1/\nu} + b_2 \left(\frac{T}{\omega}\right)^3 + \dots$$

where  $b_{1,2}$  are universal numbers.

The bare OPE expansion yields no information for  $\omega \sim T$  or smaller.

For the  $O(2)$  Wilson-Fisher CFT3,  $\nu \approx 0.6717(1)$ .