groomed angularities/ECFs - analytic

Legend:
- $\alpha=0.5$ (red)
- $\alpha=1$ (blue)
- $\alpha=2$ (black)
- Casimir (dotted)

$p_t=500$ GeV, R=0.5
SoftDrop, $\beta=2$, $z_{cut}=0.05$

angularity or ECF

Axes: ε_q (horizontal), ε_g (vertical)

groomed angularities/ECFs - analytic

- plain
- SoftDrop($\beta=2$, $z_{cut}=0.05$)
- mMDT($z_{cut}=0.1$)
- Casimir

$p_t=500$ GeV, $R=0.5$

$\alpha=1$

angularity or ECF

ε_g (vertical axis)

ε_q (horizontal axis)