



- $\mu\mu \rightarrow t\bar{t}\mu\mu$  (emicut 5)
- - -  $\mu\mu \rightarrow t\bar{t}\mu\mu$  ( $\eta \mu^p < 0.5 \ \&\& \text{emicut} = 5$ )
- - -  $\mu\mu \rightarrow t\bar{t}\mu\mu$  ( $\eta \mu^p < 0.5$ )
- . -  $\mu\mu \rightarrow t\bar{t}\mu\mu$  ( $\eta \mu^p < 0.5 \ \&\& \eta \mu^M < 5$ )
- $\mu\mu \rightarrow t\bar{t}\mu\mu$  ( $\eta \mu^p < 0.5 \ \&\& \text{emicut} = 5$ ). SDE1
- - -  $\mu\mu \rightarrow t\bar{t}\mu\mu$  ( $\eta \mu^p < 0.5 \ \&\& \text{emicut} = 5$ ). HS2
- - -  $\mu\mu \rightarrow t\bar{t}\mu\mu$  ( $\eta \mu^p < 0.5 \ \&\& \text{emicut} = 5$ ). HS3
- - -  $\mu\mu \rightarrow t\bar{t}\mu\mu$  ( $\eta \mu^p < 0.5$ ). HS3
- $\mu\mu \rightarrow t\bar{t}\mu\mu$  ( $\eta \mu^p < 0.5$ ). SDE1