CMS Preliminary, 19.8 fb$^{-1}$ at $\sqrt{s} = 8$ TeV

- **b-tag Efficiency**
  - Monte Carlo
  - Measured Value

- **CSV Discriminator Value**
  - $b$-SF
  - 0.95, 1.05

- **SF**
  - 0.95 to 1.0

- **CSV Discriminator Value** range from 0.2 to 0.9