CMS Simulation

 $3e \ channel - \kappa_{tZu}$

100 Δ R(FCNC jet,b) 100 -21 80 $\Delta R(Z,FCNC jet)$ 100 -21 60 m_{top}^{FCNC} -25 100 50 $\Delta R(l_{w},b)$ 40 70 100 20 # CSVv2 M 100 $\Delta \phi(Z, I_{VV})$ 0 100 m_Z 100 -20 $\Delta R_{\min}(l_{\text{W}}, \text{jet})$ 100 **-40** $\Delta \phi(l_{W},b)$ 100 -60 Inv. Mass I_w+b 100 49 **-80** η (SM top) 100 -12 -100 mFCNC top $\Delta \varphi(I_{_{W}},b)$ ${\rm m}_{\rm Z}$ η (SM top) # CSVv2 M AR(FCNC jet,b) Inv. Mass I_W +b $\Delta R_{min}(I_{w}, jet)$ AR(Z, FCNC jet) $\Delta \phi(\mathsf{Z,I}_{\mathsf{W}})$

Region: TTSR