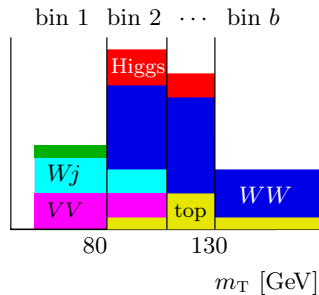


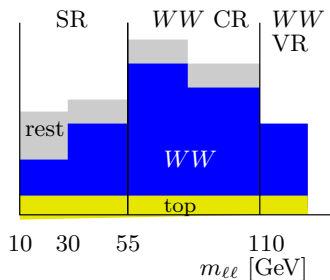
(a) Signal region for $n_j=0$, $e\mu$ category



*SR shown in (a)
has Poisson
terms in \mathcal{L}*

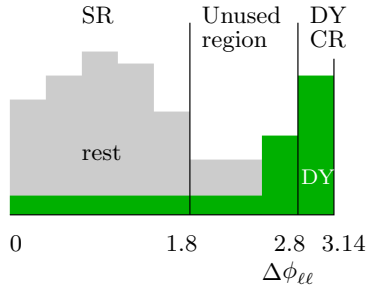
(b) WW

Apply β_{WW} to N_{WW}



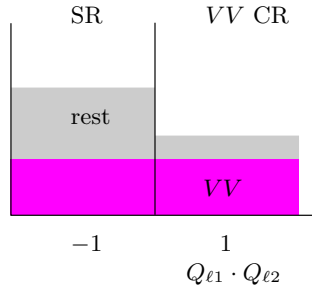
(c) Drell-Yan

Apply β_{DY} to N_{DY}



(d) VV

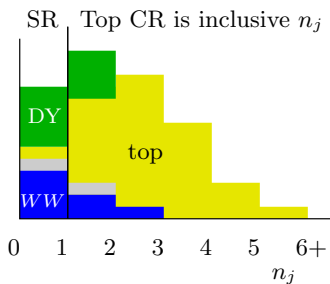
Apply β_{VV} to N_{VV}



*Profiled CRs
in (b, c, d) have
Poisson terms in \mathcal{L}*

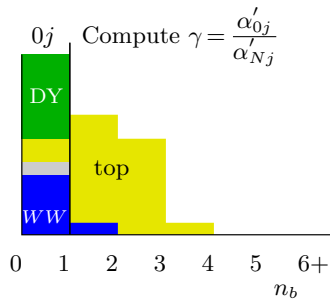
(e) Top quark

Apply β_{top} to N_{top}



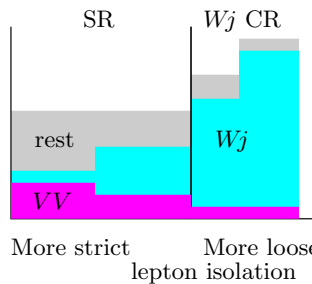
(f) $n_b \geq 1$ data

Apply γ^2 to β_{top}



(g) Wj

N_{Wj} in bins b



*Nonprofiled CRs
in (e, f, g) have **no**
Poisson term in \mathcal{L}*