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Figure 1: 0000 plot of c1 variables using cut: "test"

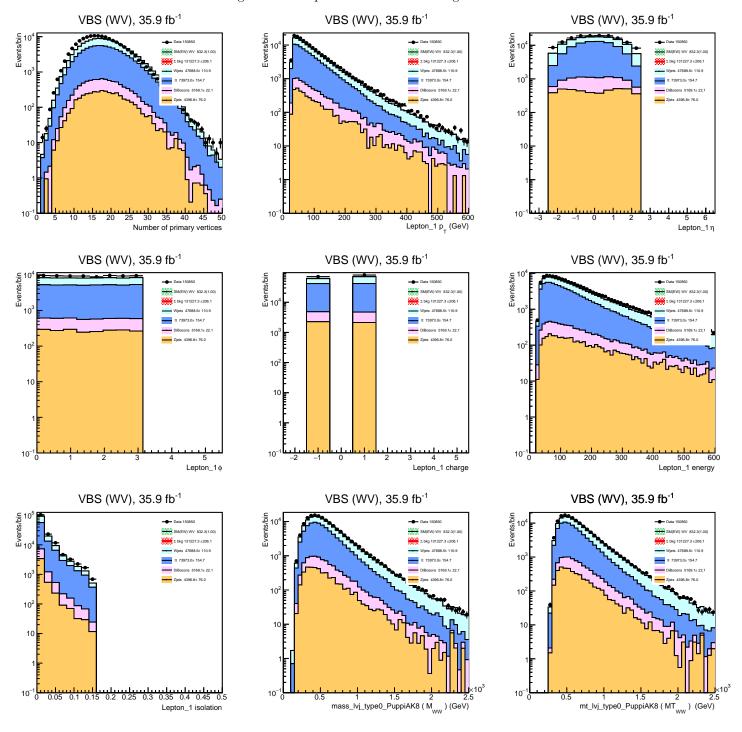


Figure 2: 0000 plot of c2 variables using cut: "test"

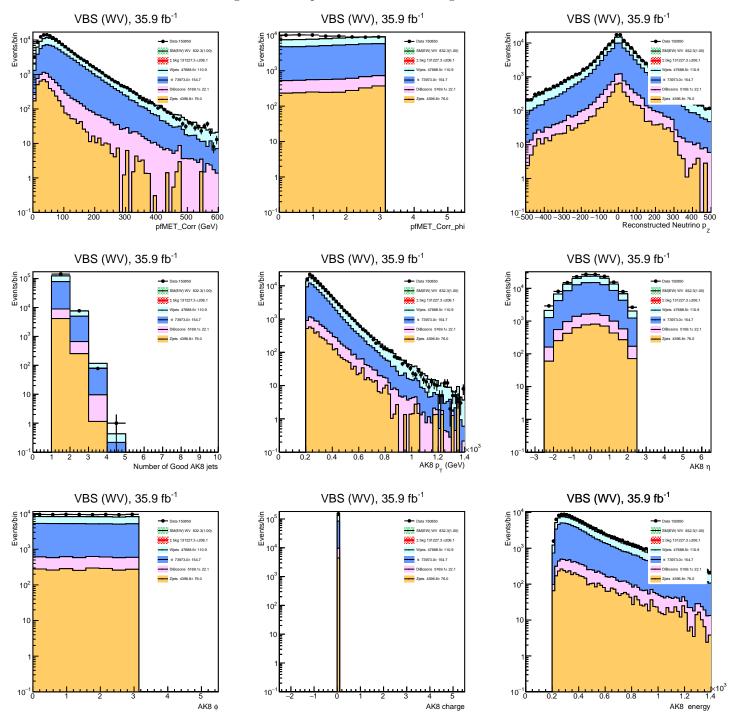
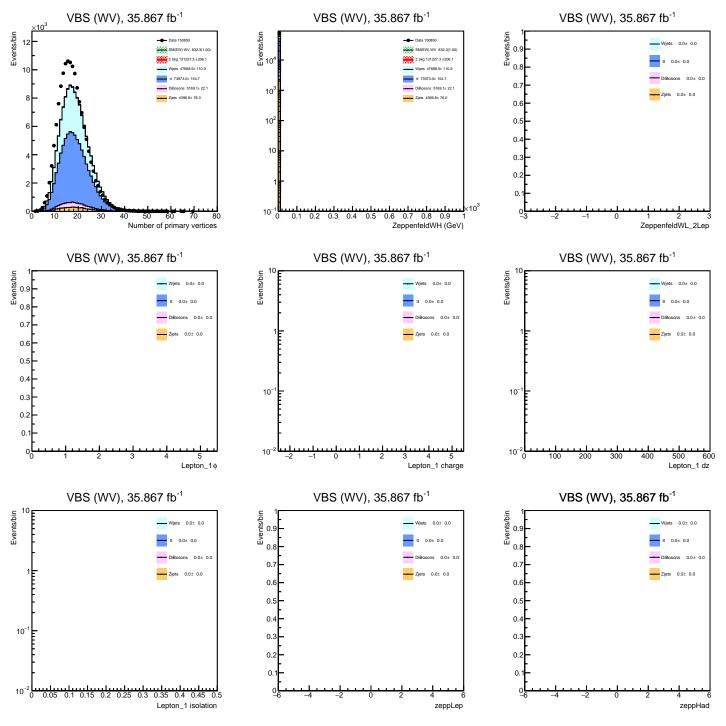


Figure 3: 0000 plot of c3 variables using cut: "test"



$\mathbf{Full_SR}$

VBS (WV), 35.867 fb⁻¹ VBS (WV), 35.867 fb⁻¹ VBS (WV), 35.867 fb⁻¹ СМЅ CMS 300 10 250 10 200 150 100 50 0 40 50 60 Number of primary vertices VBS (WV), $35.867 \; \text{fb}^{-1}$ VBS (WV), 35.867 fb⁻¹ VBS (WV), 35.867 fb⁻¹ Data 2618
Σ bkg 2600.7 ±32.2
tt 461.3+12 Stop CMS
Preliminar CMS 2618 2600.7 ±32.2 смѕ 10³ 120 100 80 40 1.5 2 Lepton_1 η 0.3 0.35 0.4 Lepton_1 isolation 0.2 0.15 0.1 VBS (WV), 35.867 fb⁻¹ VBS (WV), 35.867 fb⁻¹ VBS (WV), 35.867 fb⁻¹ Events/bin 180 смѕ смѕ 160 400 140 200 120 300 100 150 80 200 100 60 40 zeppHad zeppLep

Figure 4: 2016 plot of c1 variables using cut: "Full_SR"

Figure 5: 2016 plot of c2 variables using cut: "Full_SR"

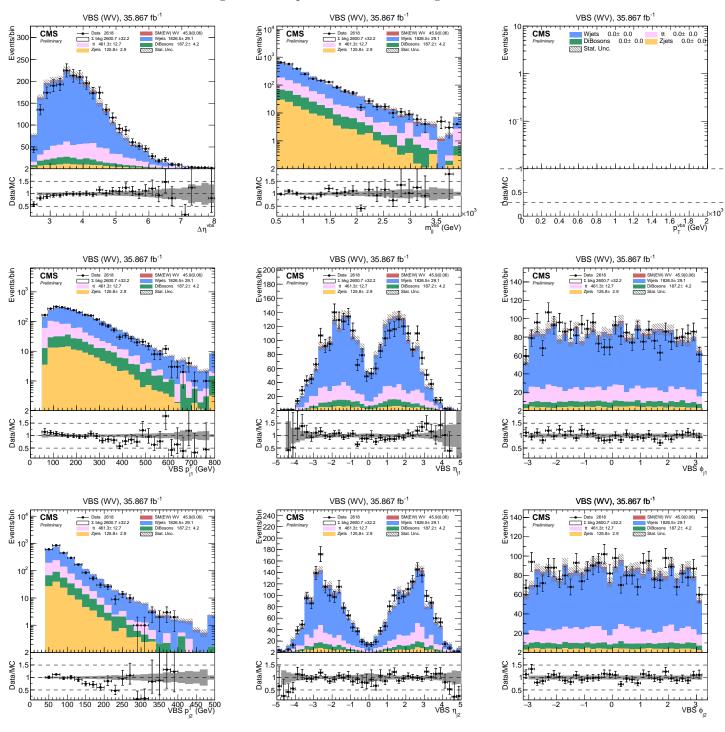


Figure 6: 2016 plot of c3 variables using cut: "Full_SR"

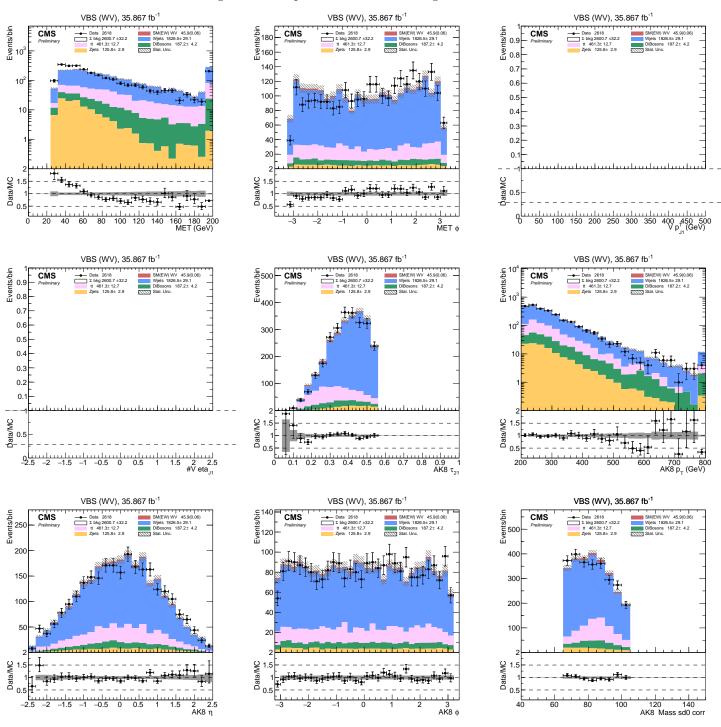
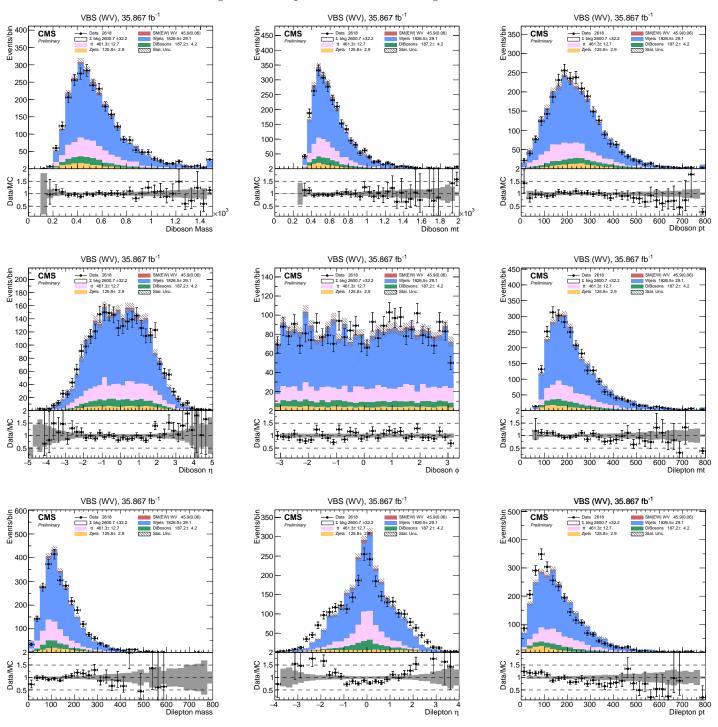


Figure 7: 2016 plot of c4 variables using cut: "Full_SR"



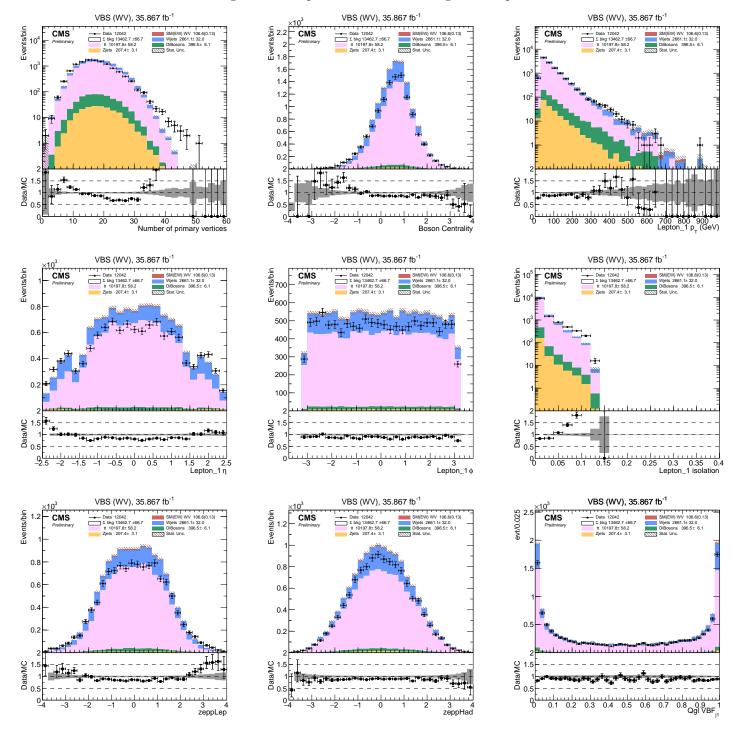


Figure 8: 2016 plot of c1 variables using cut: "Top_CR"

Figure 9: 2016 plot of c2 variables using cut: "Top_CR"

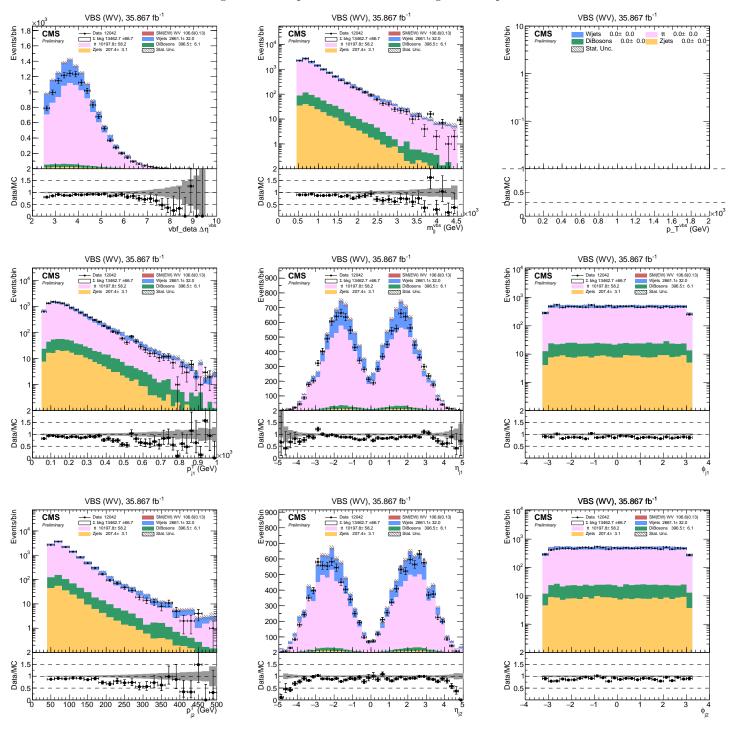


Figure 10: 2016 plot of c3 variables using cut: "Top_CR"

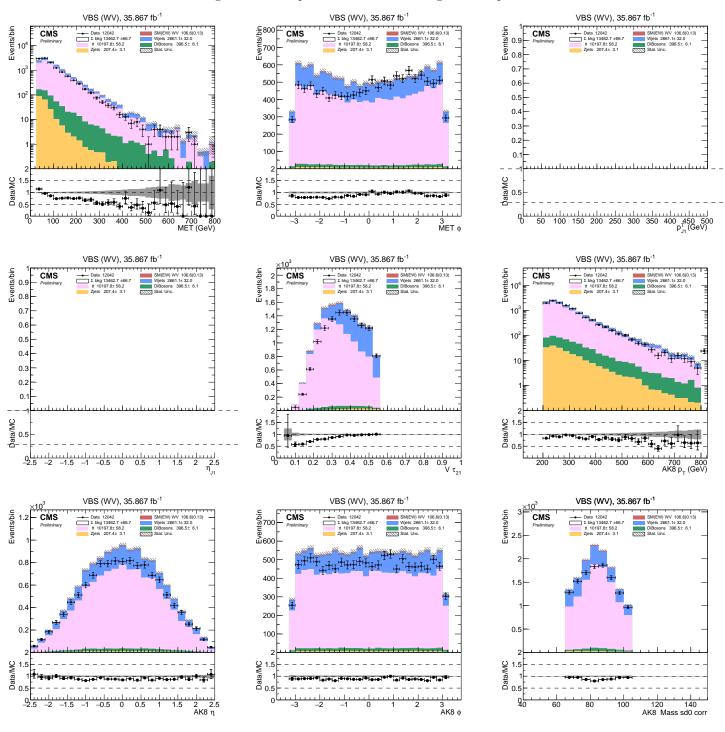
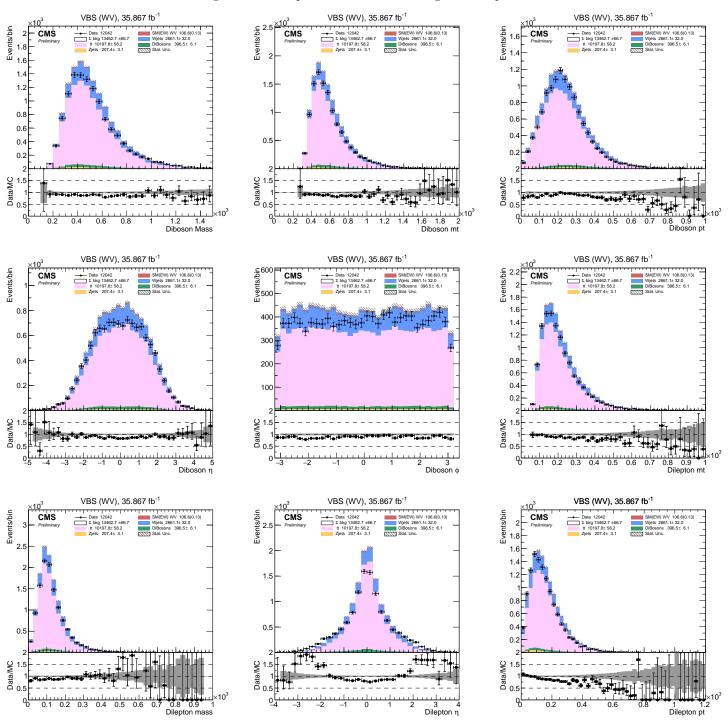


Figure 11: 2016 plot of c4 variables using cut: "Top_CR"



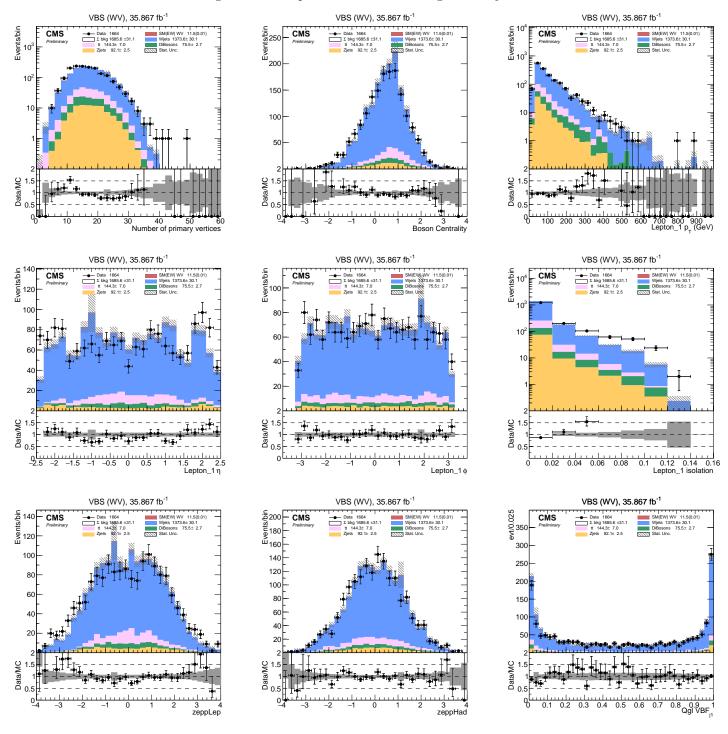


Figure 12: 2016 plot of c1 variables using cut: "Wjets_CR"

Figure 13: 2016 plot of c2 variables using cut: "Wjets_CR"

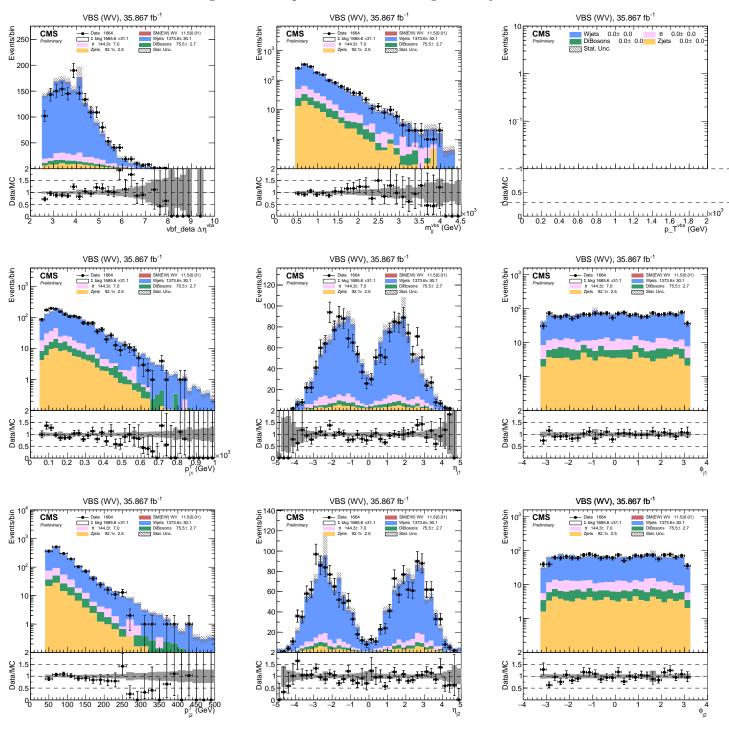


Figure 14: 2016 plot of c3 variables using cut: "Wjets_CR"

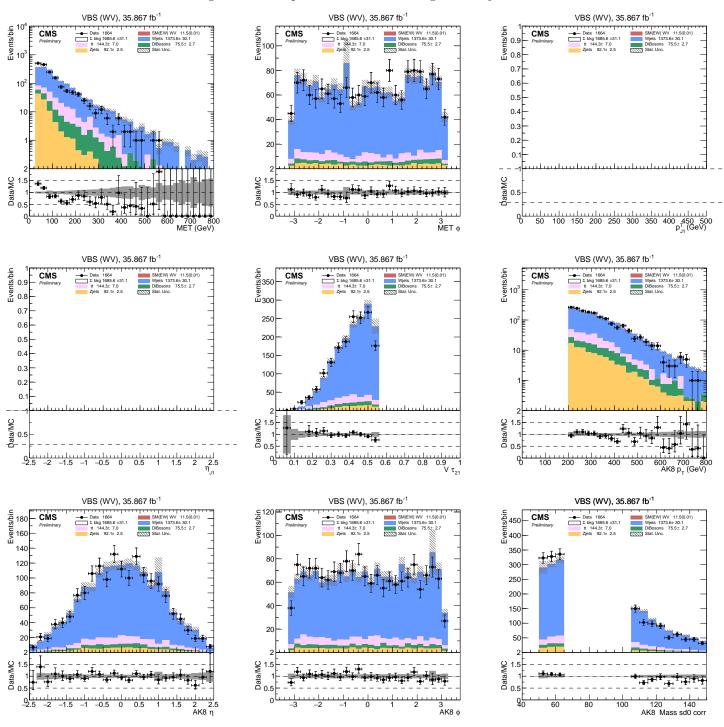
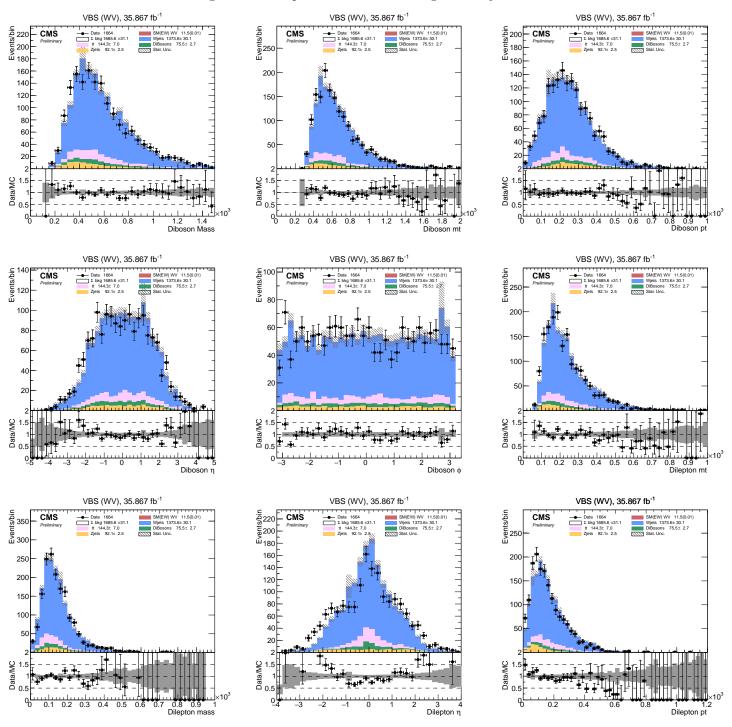


Figure 15: 2016 plot of c4 variables using cut: "Wjets_CR"



$\mathbf{Full_SR}$

VBS (WV), 59.74 fb⁻¹ VBS (WV), 59.74 fb⁻¹ VBS (WV), 59.74 fb⁻¹ Events/bin смѕ CMS 400 10 10² 300 200 100 VBS (WV), 59.74 fb⁻¹ VBS (WV), 59.74 fb^{-1} VBS (WV), 59.74 fb⁻¹ ig 200 CMS
Preliminal Events/bin 180 CMS 2691 2687.7 ±35.9 160 10 140 120 120 10 100 100 60 40 0.3 0.35 0.4 Lepton_1 isolation 0.1 0.15 VBS (WV), 59.74 fb⁻¹ VBS (WV), 59.74 fb⁻¹ VBS (WV), 59.74 fb⁻¹ 1350 in 350 800 CMS смѕ смѕ 600 200 250 500 200 150 400 150 300 100 100 200 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 Qgi VBF_{ii} 3 4 zeppLep zeppHad

Figure 16: 2018 plot of c1 variables using cut: "Full_SR"

Figure 17: 2018 plot of c2 variables using cut: "Full_SR"

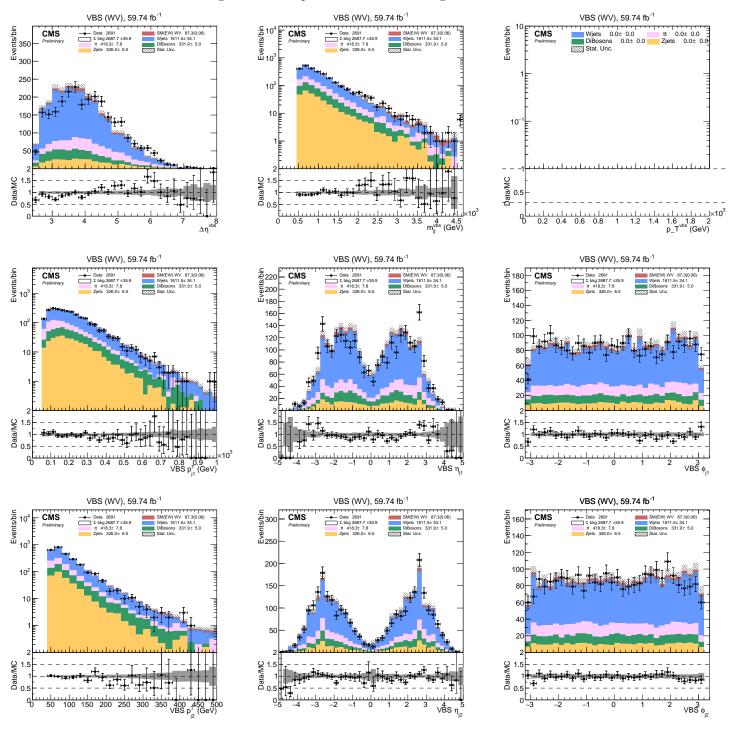


Figure 18: 2018 plot of c3 variables using cut: "Full_SR"

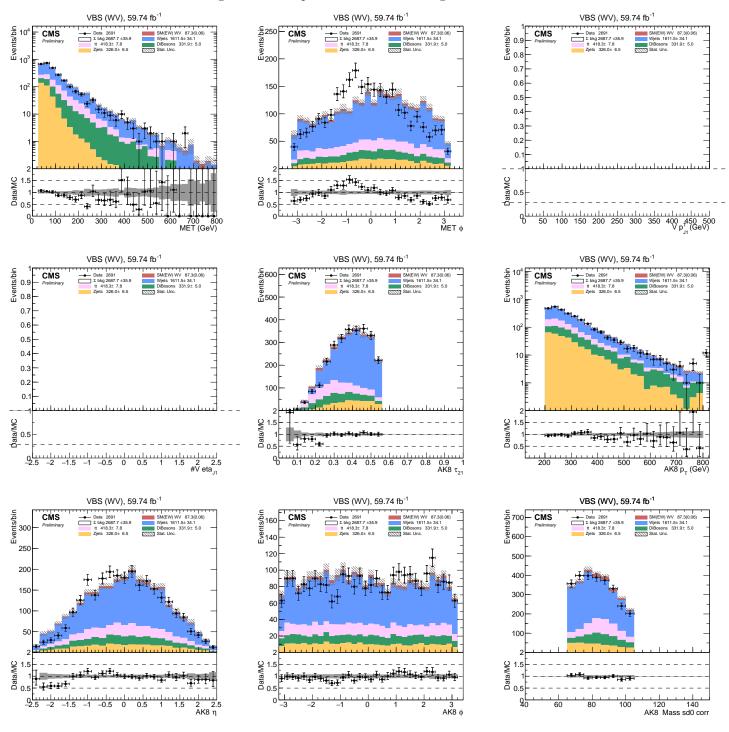
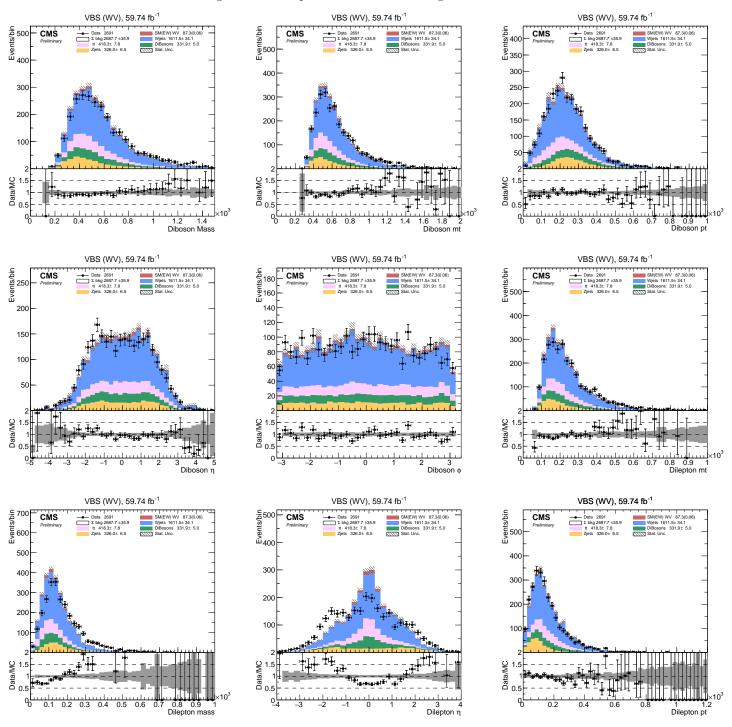


Figure 19: 2018 plot of c4 variables using cut: "Full_SR"



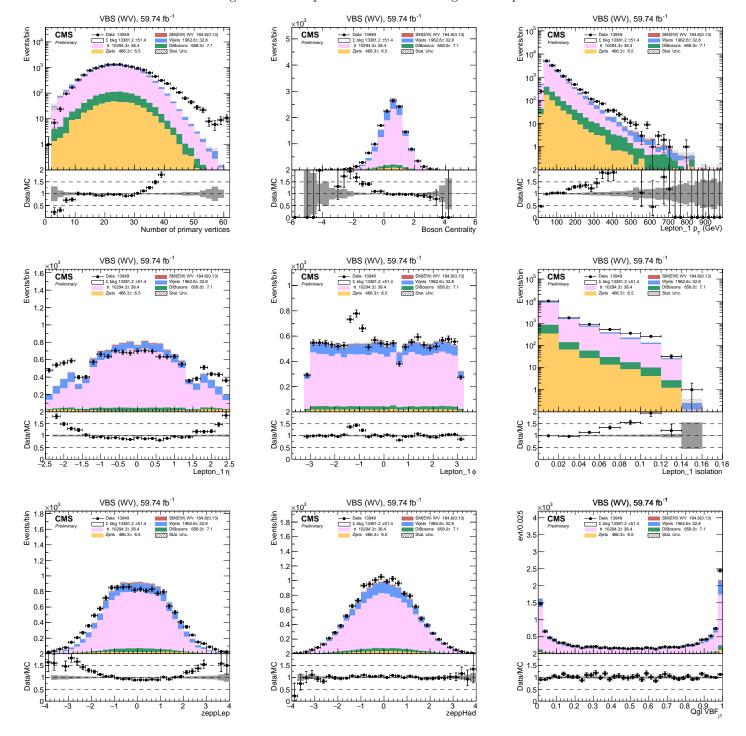


Figure 20: 2018 plot of c1 variables using cut: "Top_CR"

Figure 21: 2018 plot of c2 variables using cut: "Top_CR"

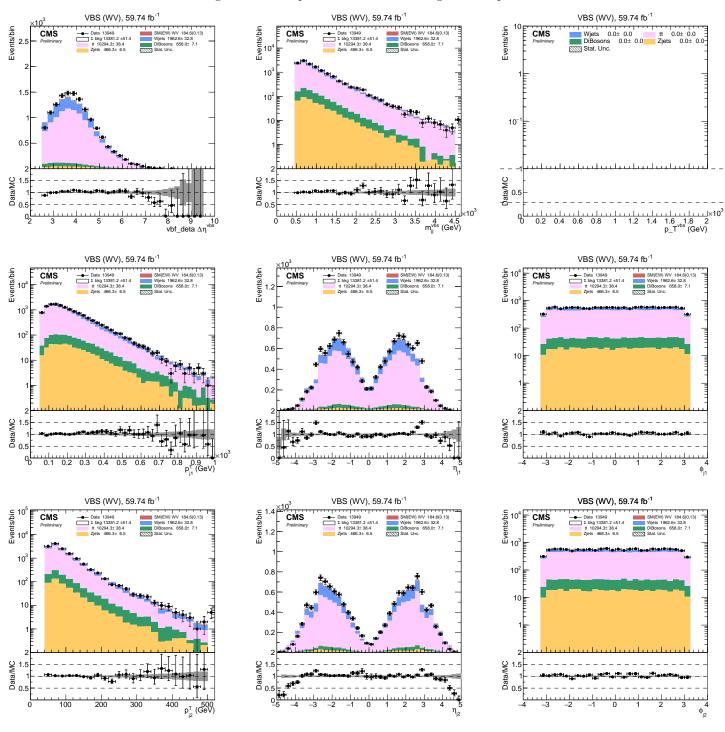


Figure 22: 2018 plot of c3 variables using cut: "Top_CR"

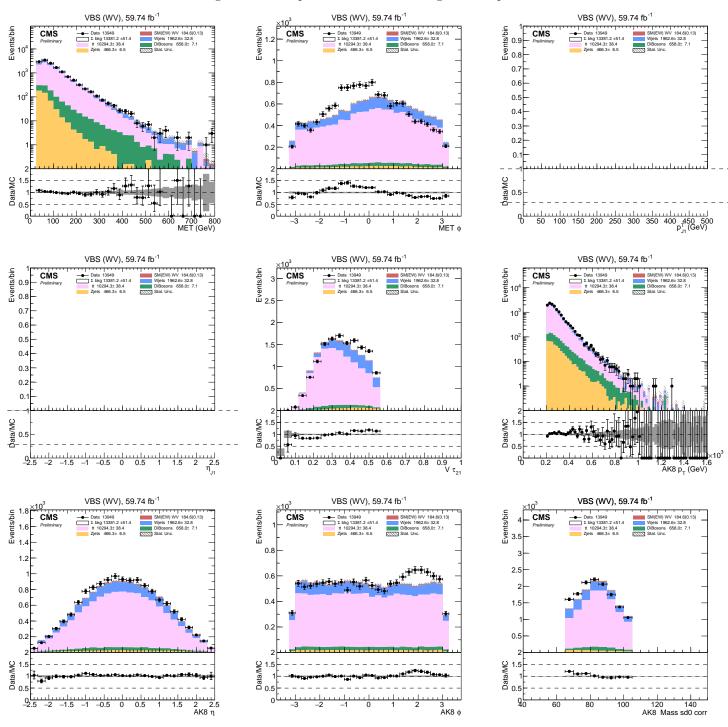
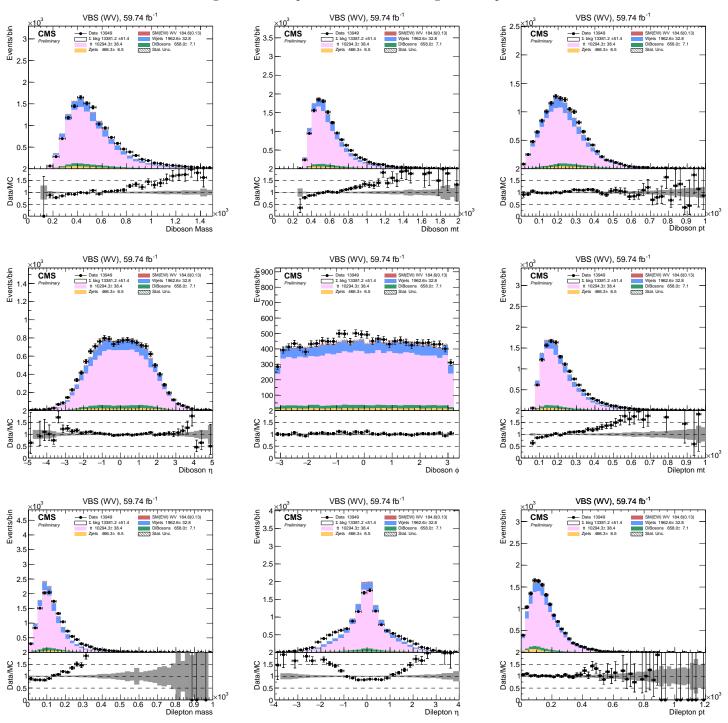


Figure 23: 2018 plot of c4 variables using cut: "Top_CR"



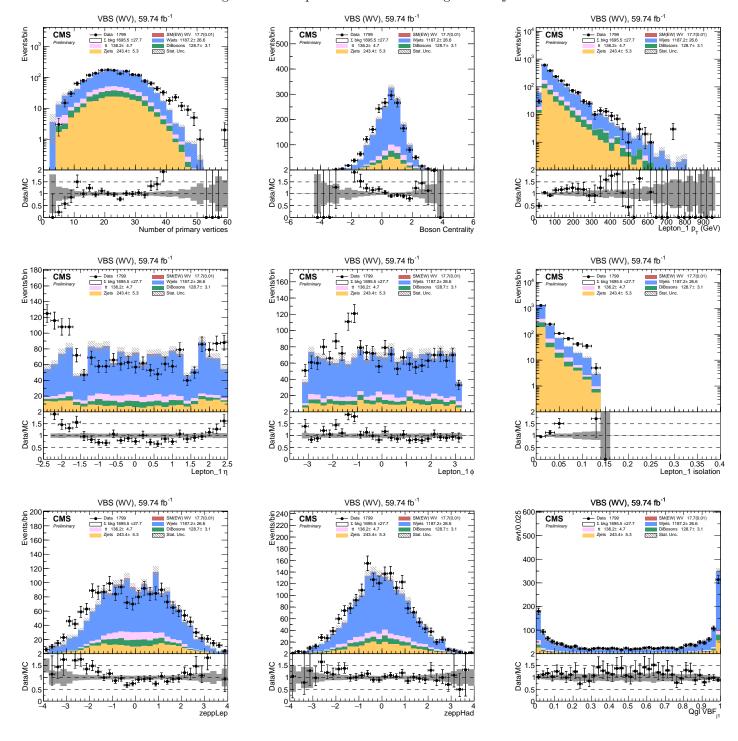


Figure 24: 2018 plot of c1 variables using cut: "Wjets_CR"

Figure 25: 2018 plot of c2 variables using cut: "Wjets_CR"

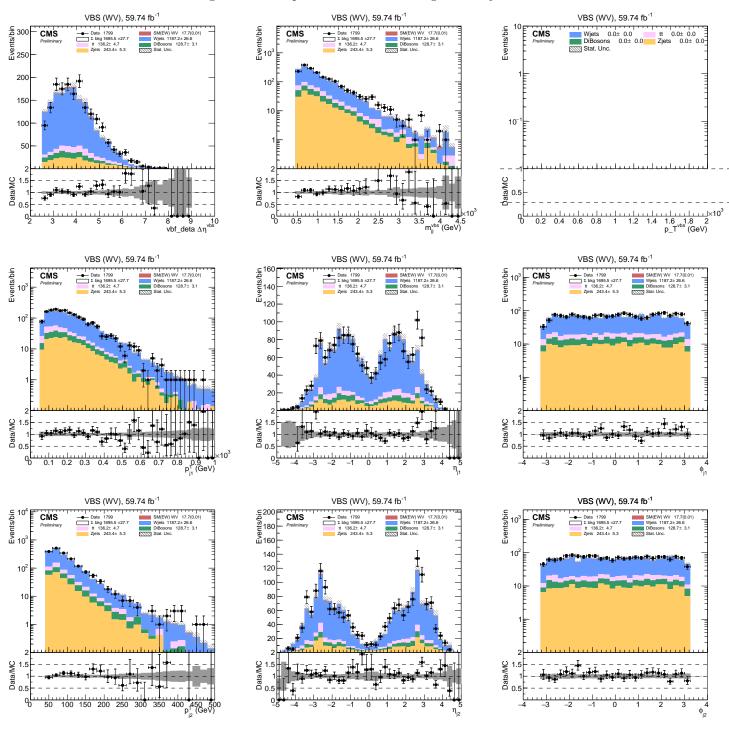


Figure 26: 2018 plot of c3 variables using cut: "Wjets_CR"

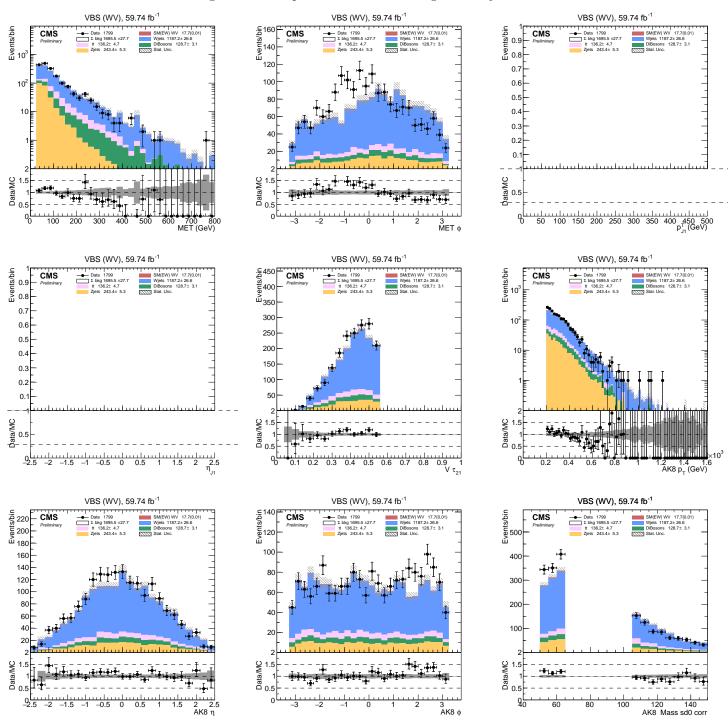


Figure 27: 2018 plot of c4 variables using cut: "Wjets_CR"

