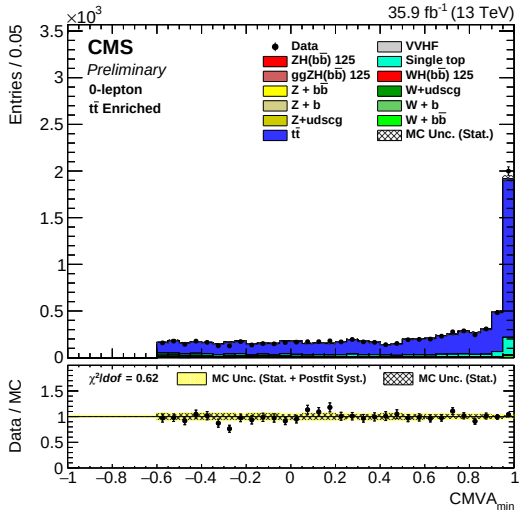
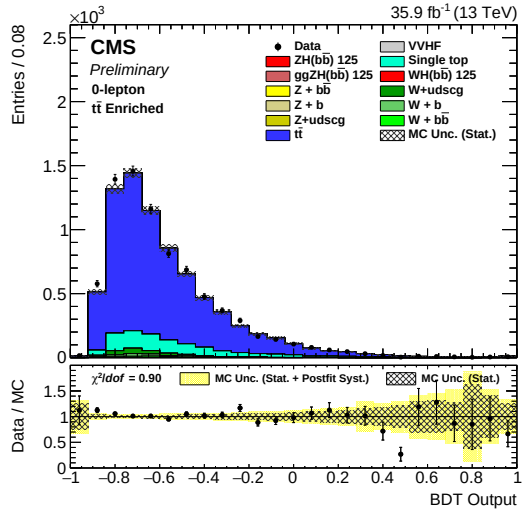
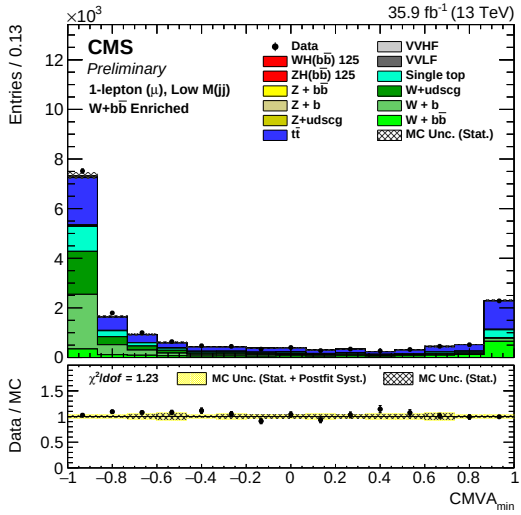
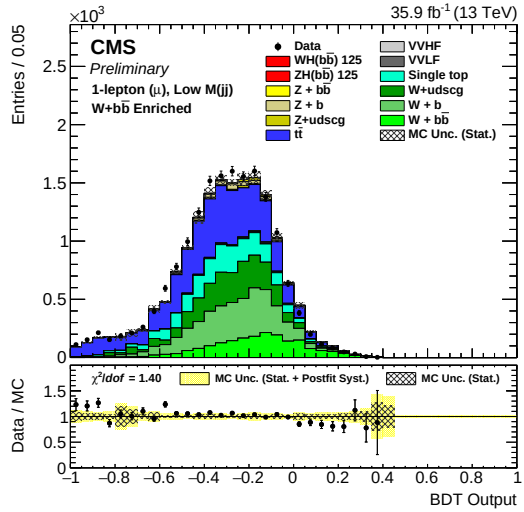
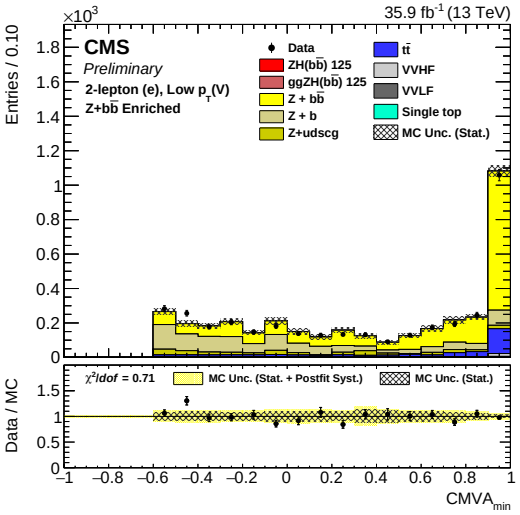
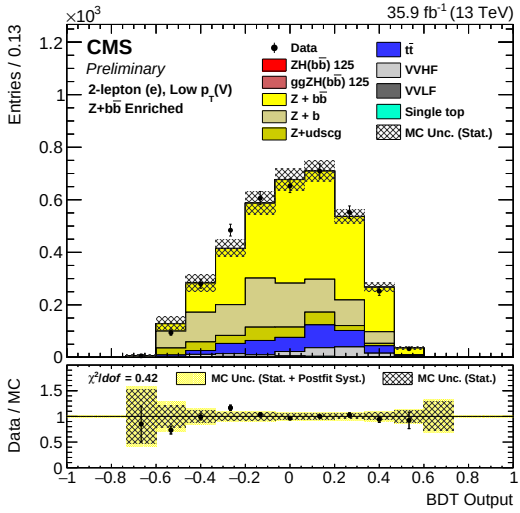

35.9 fb^{-1} (13 TeV)
CMS
Preliminary
0-lepton
$t\bar{t}$ Enriched
Data
ZH($b\bar{b}$) 125
ggZH($b\bar{b}$) 125
Z + $b\bar{b}$
Z + b
Z+udscg
$t\bar{t}$
VVHF
Single top
WH($b\bar{b}$) 125
W+udscg
W + b
W + $b\bar{b}$
MC Unc. (Stat.)
Entries / 0.05
Data / MC
χ^2/dof = 0.62
MC Unc. (Stat. + Postfit Syst.)
MC Unc. (Stat.)
CMVA$_{min}$


35.9 fb^{-1} (13 TeV)
CMS
Preliminary
0-lepton
$t\bar{t}$ Enriched
Data
ZH($b\bar{b}$) 125
ggZH($b\bar{b}$) 125
Z + $b\bar{b}$
Z + b
Z+udscg
$t\bar{t}$
VVHF
Single top
WH($b\bar{b}$) 125
W+udscg
W + b
W + $b\bar{b}$
MC Unc. (Stat.)
Entries / 0.08
Data / MC
χ^2/dof = 0.90
MC Unc. (Stat. + Postfit Syst.)
MC Unc. (Stat.)
BDT Output


35.9 fb^{-1} (13 TeV)
CMS
Preliminary
1-lepton (μ), Low M(jj)
W+$b\bar{b}$ Enriched
Data
WH($b\bar{b}$) 125
ZH($b\bar{b}$) 125
Z + $b\bar{b}$
Z + b
Z+udscg
$t\bar{t}$
VVHF
VVLF
Single top
W+udscg
W + b
W + $b\bar{b}$
MC Unc. (Stat.)
Entries / 0.13
Data / MC
χ^2/dof = 1.23
MC Unc. (Stat. + Postfit Syst.)
MC Unc. (Stat.)
CMVA$_{min}$


35.9 fb^{-1} (13 TeV)
CMS
Preliminary
1-lepton (μ), Low M(jj)
W+$b\bar{b}$ Enriched
Data
WH($b\bar{b}$) 125
ZH($b\bar{b}$) 125
Z + $b\bar{b}$
Z + b
Z+udscg
$t\bar{t}$
VVHF
VVLF
Single top
W+udscg
W + b
W + $b\bar{b}$
MC Unc. (Stat.)
Entries / 0.05
Data / MC
χ^2/dof = 1.40
MC Unc. (Stat. + Postfit Syst.)
MC Unc. (Stat.)
BDT Output


35.9 fb^{-1} (13 TeV)
CMS
Preliminary
2-lepton (e), Low p_T(V)
Z+$b\bar{b}$ Enriched
Data
ZH($b\bar{b}$) 125
ggZH($b\bar{b}$) 125
Z + $b\bar{b}$
Z + b
Z+udscg
$t\bar{t}$
VVHF
VVLF
Single top
MC Unc. (Stat.)
Entries / 0.10
Data / MC
χ^2/dof = 0.71
MC Unc. (Stat. + Postfit Syst.)
MC Unc. (Stat.)
CMVA$_{min}$


35.9 fb^{-1} (13 TeV)
CMS
Preliminary
2-lepton (e), Low p_T(V)
Z+$b\bar{b}$ Enriched
Data
ZH($b\bar{b}$) 125
ggZH($b\bar{b}$) 125
Z + $b\bar{b}$
Z + b
Z+udscg
$t\bar{t}$
VVHF
VVLF
Single top
MC Unc. (Stat.)
Entries / 0.13
Data / MC
χ^2/dof = 0.42
MC Unc. (Stat. + Postfit Syst.)
MC Unc. (Stat.)
BDT Output