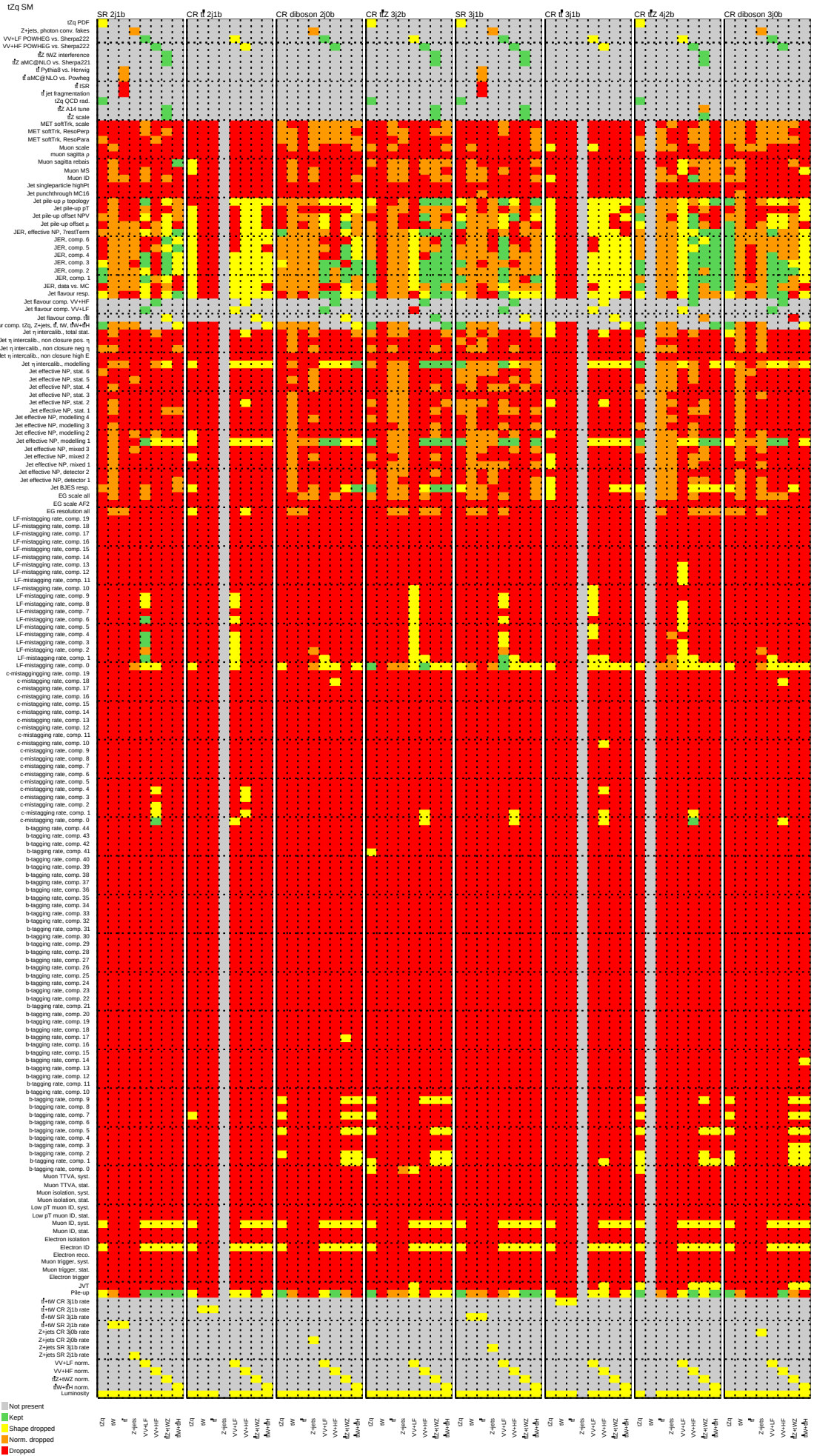

tZq SM
SR 2j1b
CR tt̄ 2j1b
CR diboson 2j0b
CR tt̄Z 3j2b
SR 3j1b
CR tt̄ 3j1b
CR tt̄Z 4j2b
CR diboson 3j0b
tZq PDF
Z+jets, photon conv. fakes
VV+LF POWHEG vs. Sherpa222
VV+HF POWHEG vs. Sherpa222
tt̄Z tWZ interference
tt̄Z aMC@NLO vs. Sherpa221
tt̄ Pythia8 vs. Herwig
tt̄ aMC@NLO vs. Powheg
tt̄ ISR
tt̄ jet fragmentation
tZq QCD rad.
tt̄Z A14 tune
tt̄Z scale
MET softTrk, scale
MET softTrk, ResoPerp
MET softTrk, ResoPara
Muon scale
muon sagitta ρ
Muon sagitta rebais
Muon MS
Muon ID
Jet singleparticle highPt
Jet punchthrough MC16
Jet pile-up ρ topology
Jet pile-up pT
Jet pile-up offset NPV
Jet pile-up offset μ
JER, effective NP, 7restTerm
JER, comp. 6
JER, comp. 5
JER, comp. 4
JER, comp. 3
JER, comp. 2
JER, comp. 1
JER, data vs. MC
Jet flavour resp.
Jet flavour comp. VV+HF
Jet flavour comp. VV+LF
Jet flavour comp. tt̄
r comp. tZq, Z+jets, tt̄, tW, tt̄W+tt̄H
Jet η intercalib., total stat.
Jet η intercalib., non closure pos. η
Jet η intercalib., non closure neg η
Jet η intercalib., non closure high E
Jet η intercalib., modelling
Jet effective NP, stat. 6
Jet effective NP, stat. 5
Jet effective NP, stat. 4
Jet effective NP, stat. 3
Jet effective NP, stat. 2
Jet effective NP, stat. 1
Jet effective NP, modelling 4
Jet effective NP, modelling 3
Jet effective NP, modelling 2
Jet effective NP, modelling 1
Jet effective NP, mixed 3
Jet effective NP, mixed 2
Jet effective NP, mixed 1
Jet effective NP, detector 2
Jet effective NP, detector 1
Jet BJES resp.
EG scale all
EG scale AF2
EG resolution all
LF-mistagging rate, comp. 19
LF-mistagging rate, comp. 18
LF-mistagging rate, comp. 17
LF-mistagging rate, comp. 16
LF-mistagging rate, comp. 15
LF-mistagging rate, comp. 14
LF-mistagging rate, comp. 13
LF-mistagging rate, comp. 12
LF-mistagging rate, comp. 11
LF-mistagging rate, comp. 10
LF-mistagging rate, comp. 9
LF-mistagging rate, comp. 8
LF-mistagging rate, comp. 7
LF-mistagging rate, comp. 6
LF-mistagging rate, comp. 5
LF-mistagging rate, comp. 4
LF-mistagging rate, comp. 3
LF-mistagging rate, comp. 2
LF-mistagging rate, comp. 1
LF-mistagging rate, comp. 0
c-mistaggingging rate, comp. 19
c-mistagging rate, comp. 18
c-mistagging rate, comp. 17
c-mistagging rate, comp. 16
c-mistagging rate, comp. 15
c-mistagging rate, comp. 14
c-mistagging rate, comp. 13
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c-mistagging rate, comp. 4
c-mistagging rate, comp. 3
c-mistagging rate, comp. 2
c-mistagging rate, comp. 1
c-mistagging rate, comp. 0
b-tagging rate, comp. 44
b-tagging rate, comp. 43
b-tagging rate, comp. 42
b-tagging rate, comp. 41
b-tagging rate, comp. 40
b-tagging rate, comp. 39
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b-tagging rate, comp. 5
b-tagging rate, comp. 4
b-tagging rate, comp. 3
b-tagging rate, comp. 2
b-tagging rate, comp. 1
b-tagging rate, comp. 0
Muon TTVA, syst.
Muon TTVA, stat.
Muon isolation, syst.
Muon isolation, stat.
Low pT muon ID, syst.
Low pT muon ID, stat.
Muon ID, syst.
Muon ID, stat.
Electron isolation
Electron ID
Electron reco.
Muon trigger, syst.
Muon trigger, stat.
Electron trigger
JVT
Pile-up
tt̄+tW CR 3j1b rate
tt̄+tW CR 2j1b rate
tt̄+tW SR 3j1b rate
tt̄+tW SR 2j1b rate
Z+jets CR 3j0b rate
Z+jets CR 2j0b rate
Z+jets SR 3j1b rate
Z+jets SR 2j1b rate
VV+LF norm.
VV+HF norm.
tt̄Z+tWZ norm.
tt̄W+tt̄H norm.
Luminosity
tZq
tW
tt̄
Z+jets
VV+LF
VV+HF
tt̄Z+tWZ
tt̄W+tt̄H
Not present
Kept
Shape dropped
Norm. dropped
Dropped