

After b-tag fix

Before/After new skims

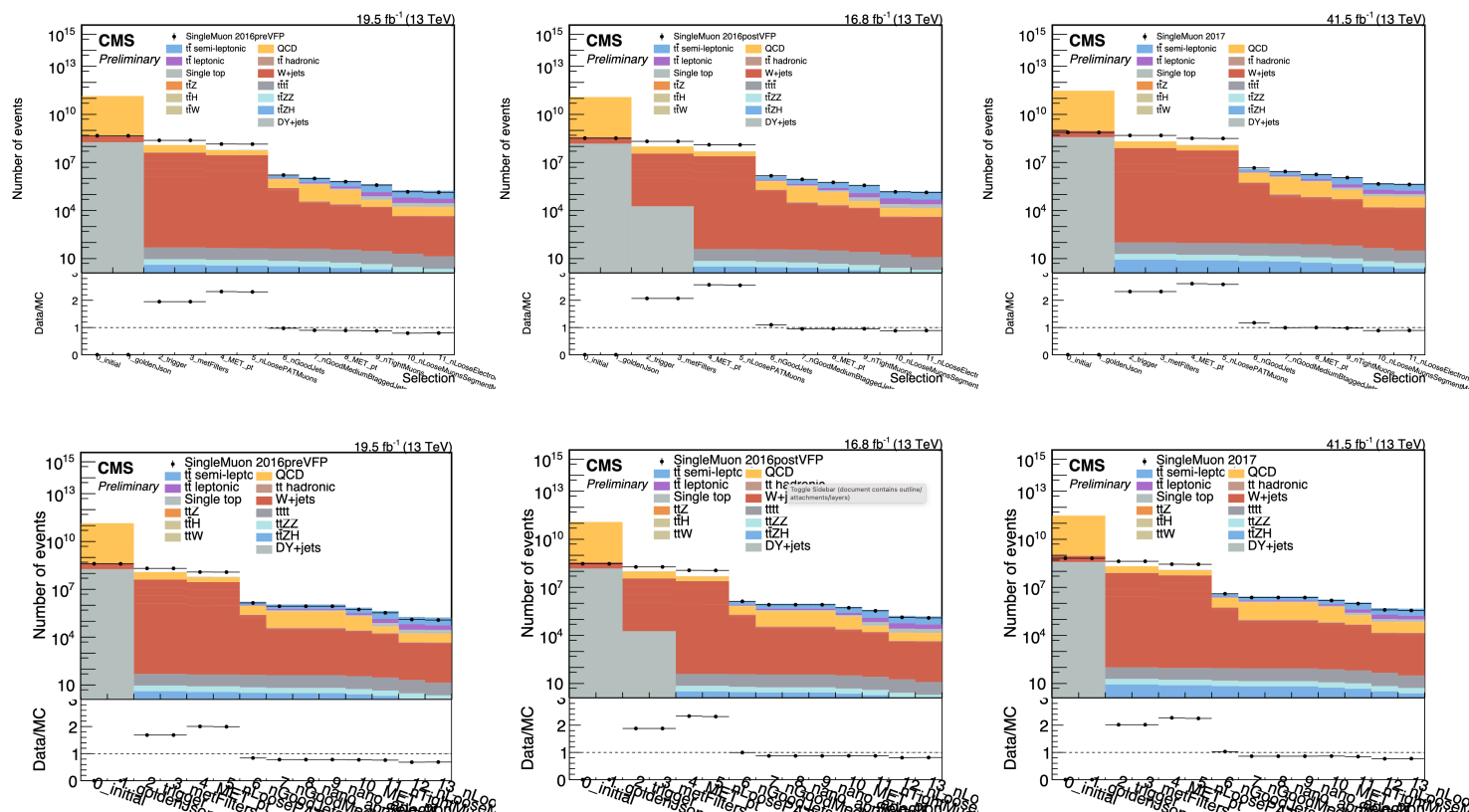
Updating skims with correct b-tags

Run 2

J/Psi CR

Cutflows before (top) and after (bottom)

Number of events in data and MC **do not agree** exactly between before and after
- even in initial and trigger where there's no change



2017 only had 3 out of 5 eras listed in the files config

I added the eras D and E

Eras

- UL2017 consists of 5 eras: Run2017B, Run2017C, Run2017D, Run2017E and Run2017F.

Looks like I have less initial data events after still

Updating skims with correct b-tags

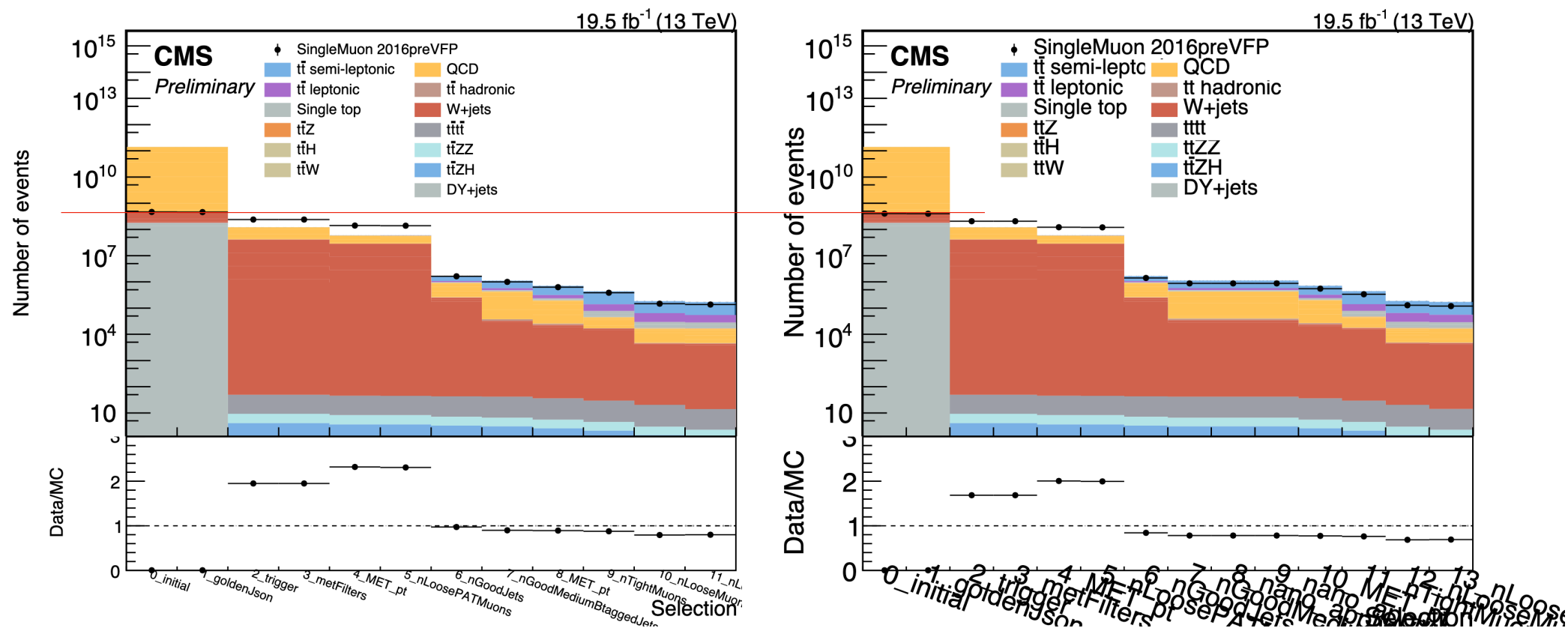
2016preEE

J/Psi CR

Cutflows before (top) and after (bottom)

Number of events in data and MC **do not agree** exactly between before and after

- even in initial and trigger where there's no change



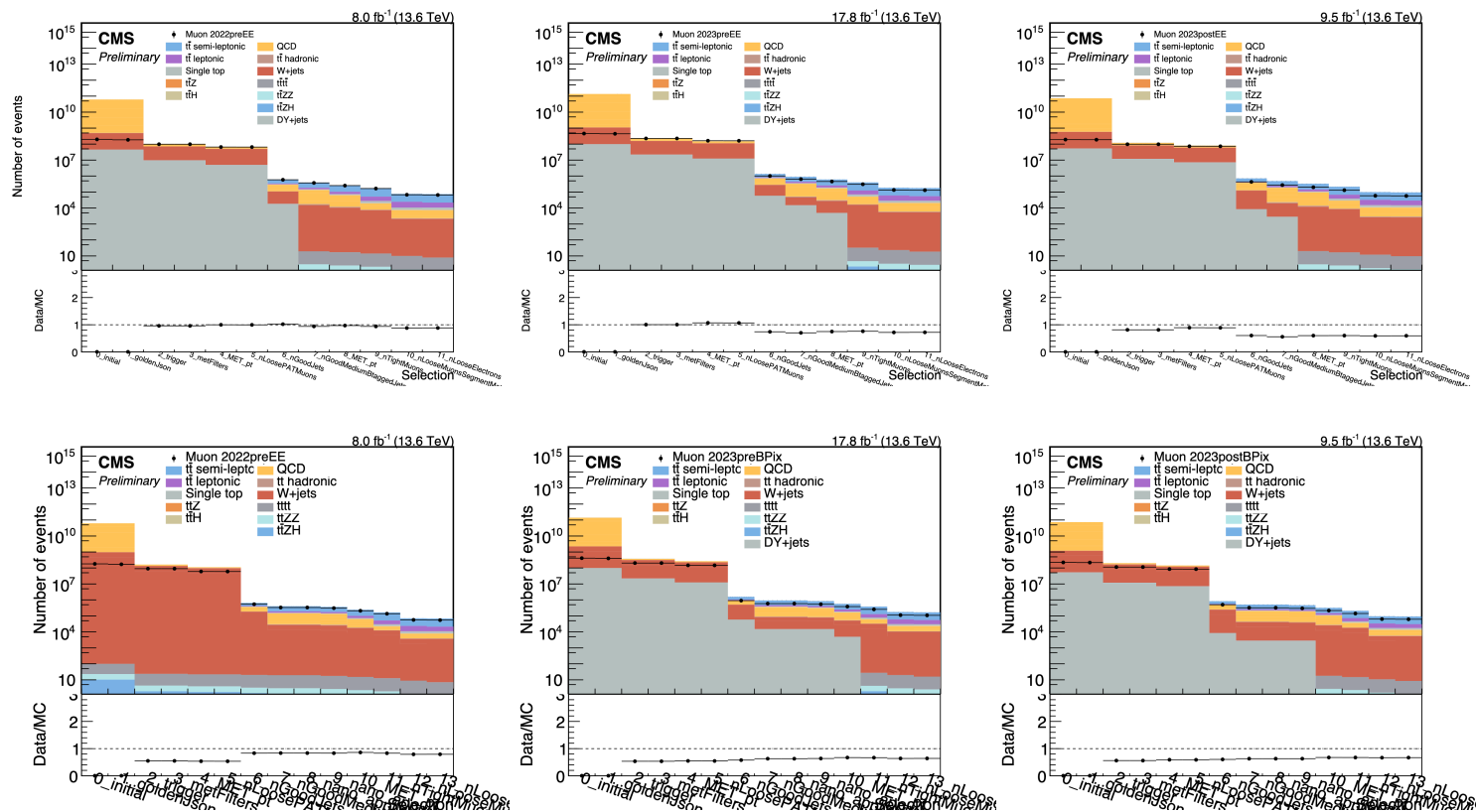
Updating skims with correct b-tags

Run 3

J/Psi CR

Cutflows before (top) and after (bottom)

Number of events in data and MC **do not always agree** exactly between before and after
- even in initial and trigger where there's no change



Updating skims with correct b-tags

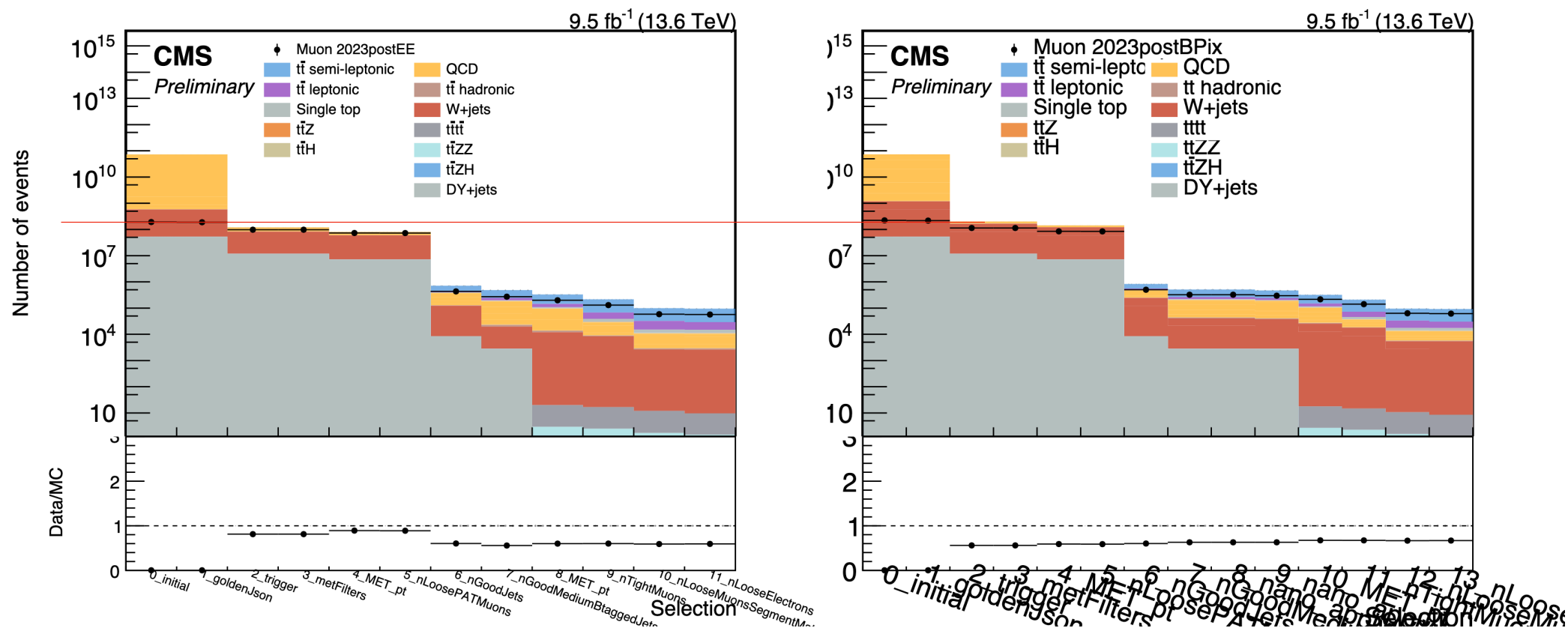
2016preEE

J/Psi CR

Cutflows before (top) and after (bottom)

Number of events in data and MC **do not agree** exactly between before and after

- even in initial and trigger where there's no change

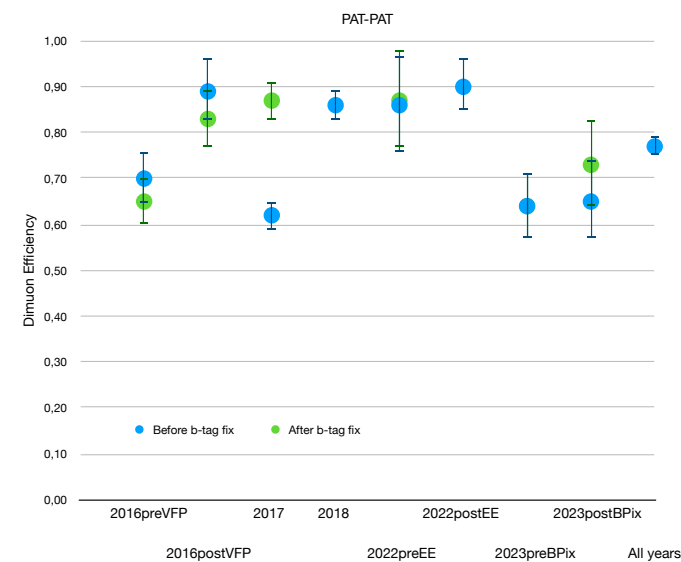
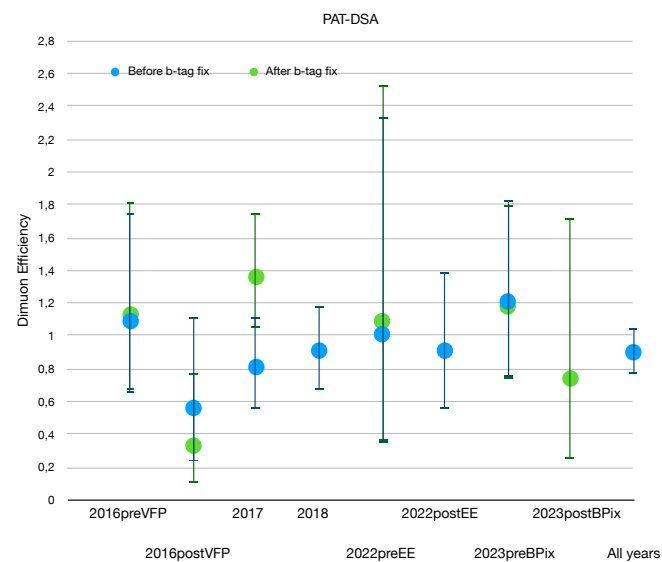
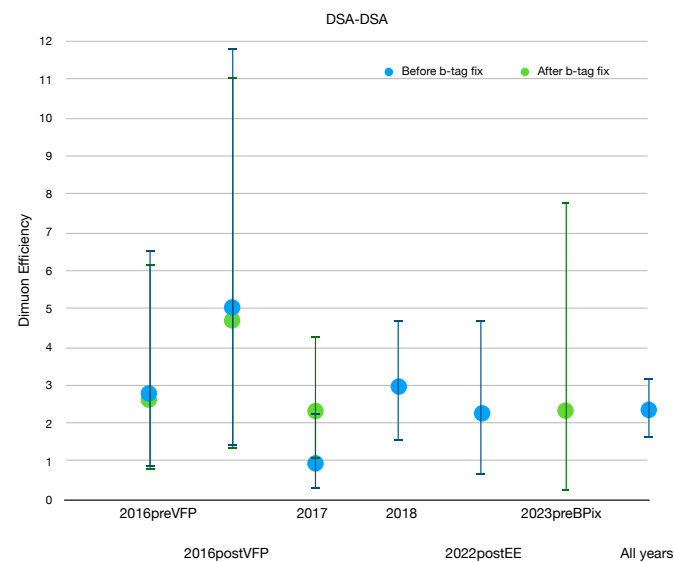


Updating skims with correct b-tags

Dimuon Efficiency SFs before and after new skims

2016preEE

J/Psi CR



J/Psi CR

J/Psi Invariant Mass

PAT-PAT

J/Psi CR

