

CMS36 fb⁻¹ (2016), 38 fb⁻¹ (2017), 60 fb⁻¹ (2018) (13 TeV)

L1+HLT efficiency

Isolated single- μ triggerwith $p_{\text{T}} > 24$ GeV $p_{\text{T}}^{\text{offline}} > 26$ GeV, $|\eta^{\text{offline}}| < 2.4$

0.95

0.9

0.85

0.8

0.75

0.7

0.65

0.6

—●— **2016**—■— **2017**—▲— **2018**

Number of reconstructed primary vertices

