

**CMS**59.4 fb<sup>-1</sup> (13 TeV) 2018

a.u.

 $Z \rightarrow e^+e^-$   
tag and probe  
 $|\eta| < 1.4442$ MADGRAPH5\_aMC@NLO **corrected**MADGRAPH5\_aMC@NLO **uncorrected**

Systematic uncertainty



Data

1.2

1.0

0.8

0.6

0.4

0.2

0.0

Data / MC

1.2

1.0

0.8

-0.8

-0.6

-0.4

-0.2

0.0

0.2

0.4

0.6

0.8

1.0

*photon identification MVA score*