

Category:  $\mu a^{3\text{pr}}$  BDT signal cat 1

$(A_{\text{even, odd}} = 0.057 \pm 0.014)$

**CMS Private Work**

$\chi^2/n_{\text{dof}} = 11.8 / 7 \approx 1.7$

— CP even

$\chi^2/n_{\text{dof}} = 7.3 / 7 \approx 1.0$

- - - CP odd

$\chi^2/n_{\text{dof}} = 15.5 / 7 \approx 2.2$

- - - CP maxmix

a.u.

0.9

0.8

0.7

0.6

0.5

0

1

2

3

4

5

6

$\Phi_{\text{CP}}$  (dp reco)

