## Instrumental JESR JER EffectiveNP 9 JES BJES Response JER EffectiveNP 6 JER EffectiveNP 3 JES effective NP modelling 1 JER EffectiveNP 11 JER EffectiveNP 12restTerm JER DataVsMC MC16 JER EffectiveNP 10 JES flavour composition JER EffectiveNP 5 JER EffectiveNP 1 JES flavour response JER EffectiveNP 4 JES pileup offset μ JER EffectiveNP 8 JER EffectiveNP 7 JES pileup offset NPV JES pileup pT term JER EffectiveNP 2 0.5 1.5 2.5 Pull significance