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Measurement of the forward-backward charge asymmetry $(A_{\rm FB})$ for $\ell^+\ell^-$ pairs produced via an intermediate Z/γ^* at $\sqrt{s}=7$ TeV in the CMS YOUN ROH, Texas Tech University, CMS COLLABORATION — We present the first measurement of the forward-backward charge asymmetry $(A_{\rm FB})$ for $\ell^+\ell^-$ pairs produced via an intermediate Z/γ^* at $\sqrt{s}=7$ TeV in the CMS experiment in pp collisions. At present, we consider $A_{\rm FB}$ for e^+e^- and $\mu^+\mu^-$ final states separately and compare them with the standard model calculations. Our results are based on an integrated luminosity of ~ 36 pb⁻¹.

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