

# Measurements with electroweak gauge bosons at LHCb

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We report measurements of electroweak boson production in the forward region, using data collected at the LHCb experiment with a centre of mass energy of  $\sqrt{s}=7$  TeV with an integrated luminosity of up to 1.0 fb<sup>-1</sup>. W and Z bosons are reconstructed in leptonic decay channels, and their cross-sections determined using data-driven techniques. The production of gauge bosons in association with jets and with other particles is studied. The results are compared to various theoretical predictions.

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