

ATLAS Collaboration(Aad, G. et al), Amos, K. R., Aparisi Pozo, J. A., Bailey, A. J., Cabrera Urban, S., Cardillo, F., et al. (2023). Search for pair-production of vector-like quarks in pp collision events at  $\sqrt{s}=13$  TeV with at least one leptonically decaying Z boson and a third-generation quark with the ATLAS detector. *Phys. Lett. B*, 843, 138019–25pp.