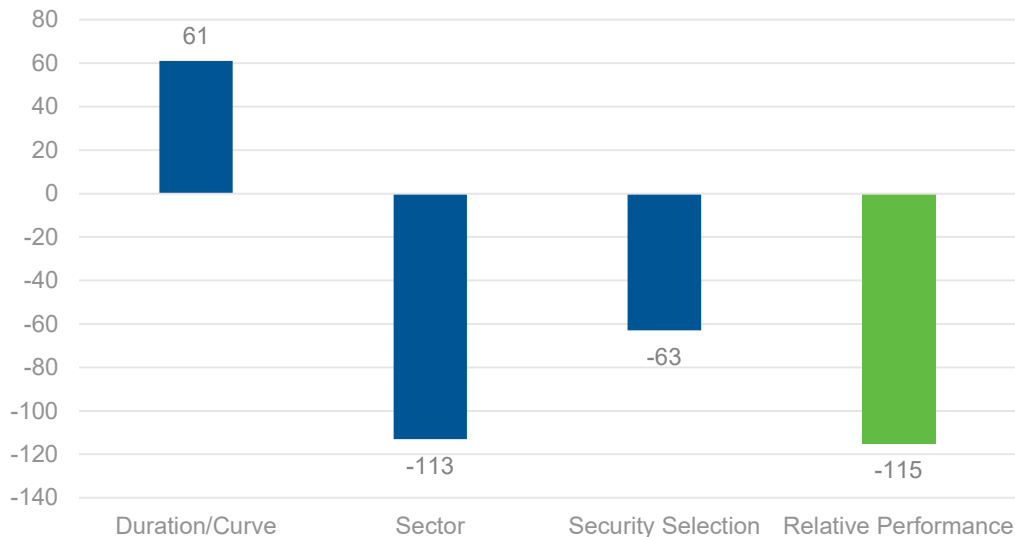


LICOA Attribution Analysis

January 2019 to December 2019



Performance Contribution (bps)



Duration/Curve

- While LICOA's slightly shorter overall portfolio duration versus the benchmark was a drag on relative performance as Treasury rates declined throughout 2019 (2 year -92 bps, 10 year -77 bps), this was offset by the portfolio's underweight to shorter maturities (1 to 4 years) which lagged longer maturities during the year.

Sector

- LICOA's off-benchmark allocation to municipals (particularly taxable municipals) detracted from relative performance as increased supply pressured spreads wider. This created an attractive buying opportunity for us late in the year, but caused returns on the existing taxable municipal bonds held to lag.

Security Selection

- The portfolio's more defensive, higher quality positioning within corporates was a drag on relative performance as lower quality, higher risk credit outperformed and spreads tightened more than their higher rated counterparts throughout the year amid the credit rally.

* Municipals are not tax adjusted

Attribution results are calculated monthly using an internally designed model which calculates return data using underlying securities' market values and estimated cashflows and attributing excess return to sector, duration and security selection components. The monthly results are added using a Carino smoothing methodology to calculate quarterly and yearly results. This different underlying methodology may cause attribution results to differ from total returns.