

# Sensitivity Tests

---

## 9.1 Introduction

A proportionate approach was adopted when defining sensitivity test to be undertaken for comparison with the Core Scenario reported in the previous Chapters of this report. A single sensitivity test was formulated, which was focused on demonstrating the economic case of **Travel WEST** if the transport impacts from the proposed schemes were reduced by 25%.

The details of the changes to the modelling associated with these scenarios are set out in the accompanying Forecasting Report.

## 9.2 Sensitivity test results

Table 9-1 summarises the results of the sensitivity tests and compares them against the Central Case. Full sets of results are available in Annex B.

*Table 9-1: Results of sensitivity test*

	PVB	PVC	NPV	BCR
Core scenario	£152.1m	£24.2m	£127.9m	6.29
Reduced scheme impacts	£118.5m	£24.2m	£94.3m	4.90

PVB = Present Value of Benefits

PVC = Present Value of Costs

NPV = Net Present Value

BCR = Benefit Cost Ratio

The Sensitivity tests show that the BCR remains good with reduced impacts from the proposed schemes.