



ETC513 Assignment 3: Comparison of Energy and Pollution by Country

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Introduction

Step 1

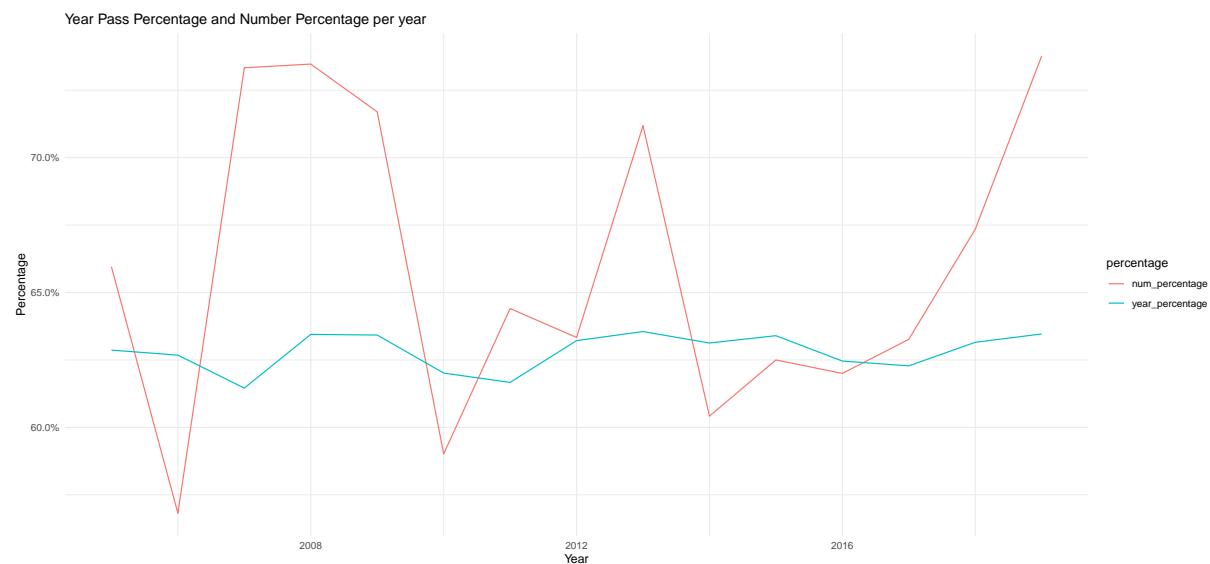


Figure 1: Year Pass Percentage(*year_percentage*) and Percentage of Local Government Authority annual passing rates exceeding the total annual passing rate(*num_percentage*)

In the figure 1, as for the annual pass rate, it does not fluctuate greatly, and basically remained at 62.5% but the percentage of the number exceeding the annual pass rate fluctuates greatly, which may be due to missing data in some regions, however, from the data point of view, it has been in an upward phase in recent years.

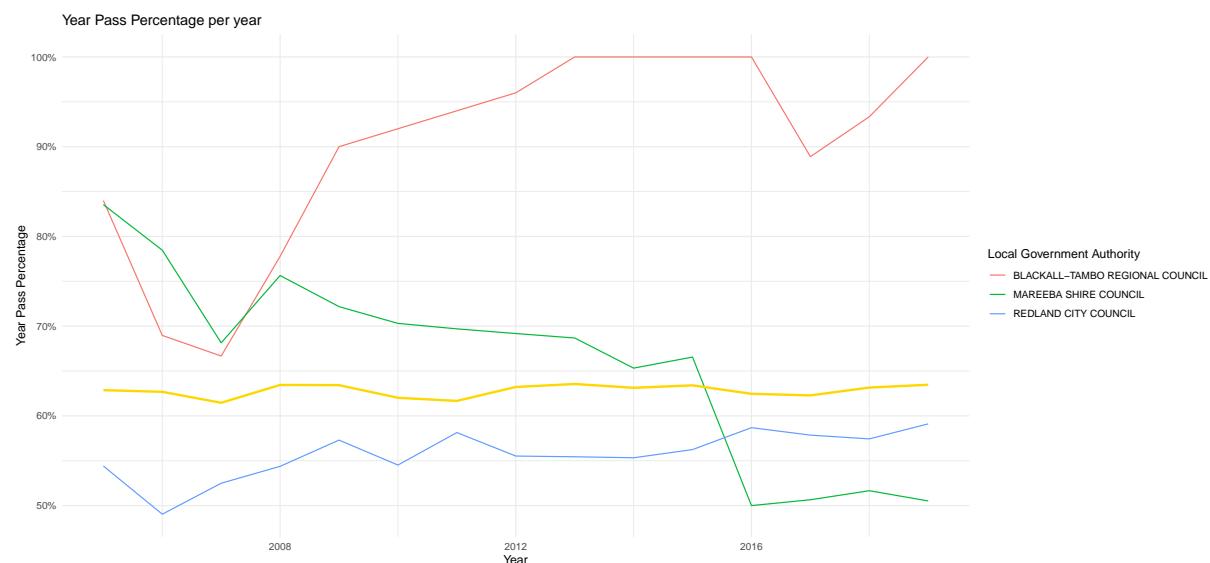


Figure 2: Year Pass Percentage in BLACKALL-TAMBO REGIONAL COUNCIL, MAREEBA SHIRE COUNCIL, and REDLAND CITY COUNCIL

According to the figure 2, the annual pass rate of BLACKALL-TAMBO REGIONAL COUNCIL has been on the rise after 2007, even reaching 100%, while the annual pass rate of MAREEBA SHIRE COUNCIL is in a downward state, and the annual pass rate of REDLAND CITY COUNCIL basically fluctuates at 55%. Especially, MAREEBA SHIRE COUNCIL and REDLAND CITY COUNCIL have been lower than the annual pass rate since 2015, which the gold line is year pass rate.

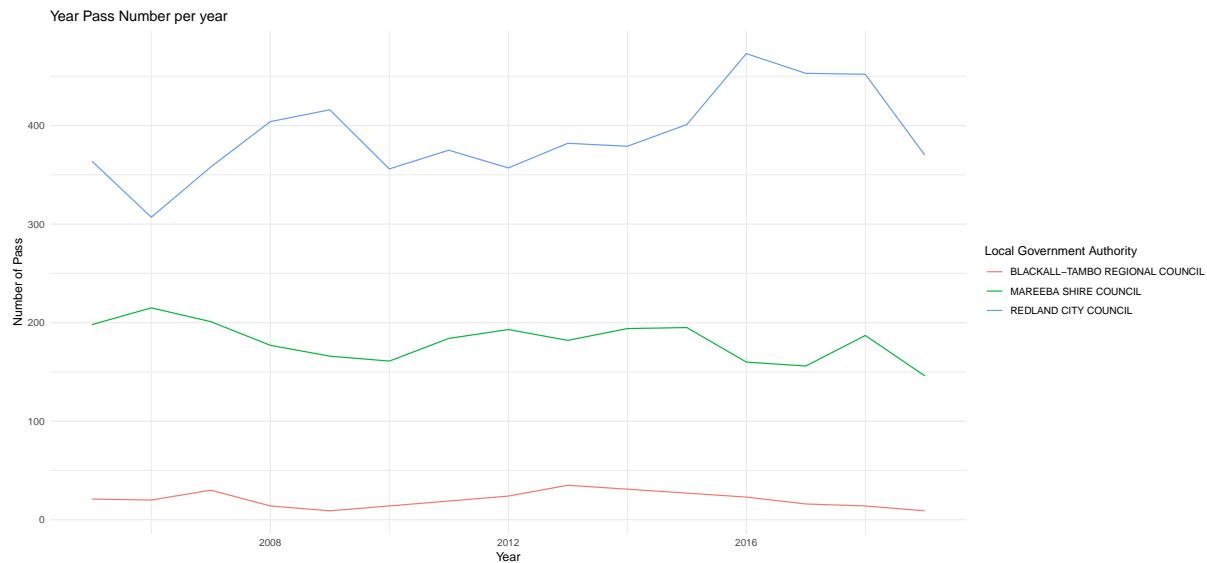


Figure 3: Year Pass Number in BLACKALL-TAMBO REGIONAL COUNCIL, MAREEBA SHIRE COUNCIL, and REDLAND CITY COUNCIL

In the figure 3, the number of pass for three government authorities basically has little fluctuation. Interestingly, the ranking of the number of passes and the ranking of the pass rate are completely opposite.

Step 2

Step 3