

# Supplemental Appendix for: The Quality of Legislation

Patrick Leslie and Keith Dowding

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## 1 ‘Early amendments’ measure of legislative quality

This section provides descriptive analysis and full regression tables for our analysis of early amendments in the Australian parliament. We begin with descriptive statistics, tracing principal acts, amending acts and amendments within the first terms of enactment since 1901.

### 1.1 Descriptive statistics

First, we begin with a descriptive account of Acts of Parliament since federation.

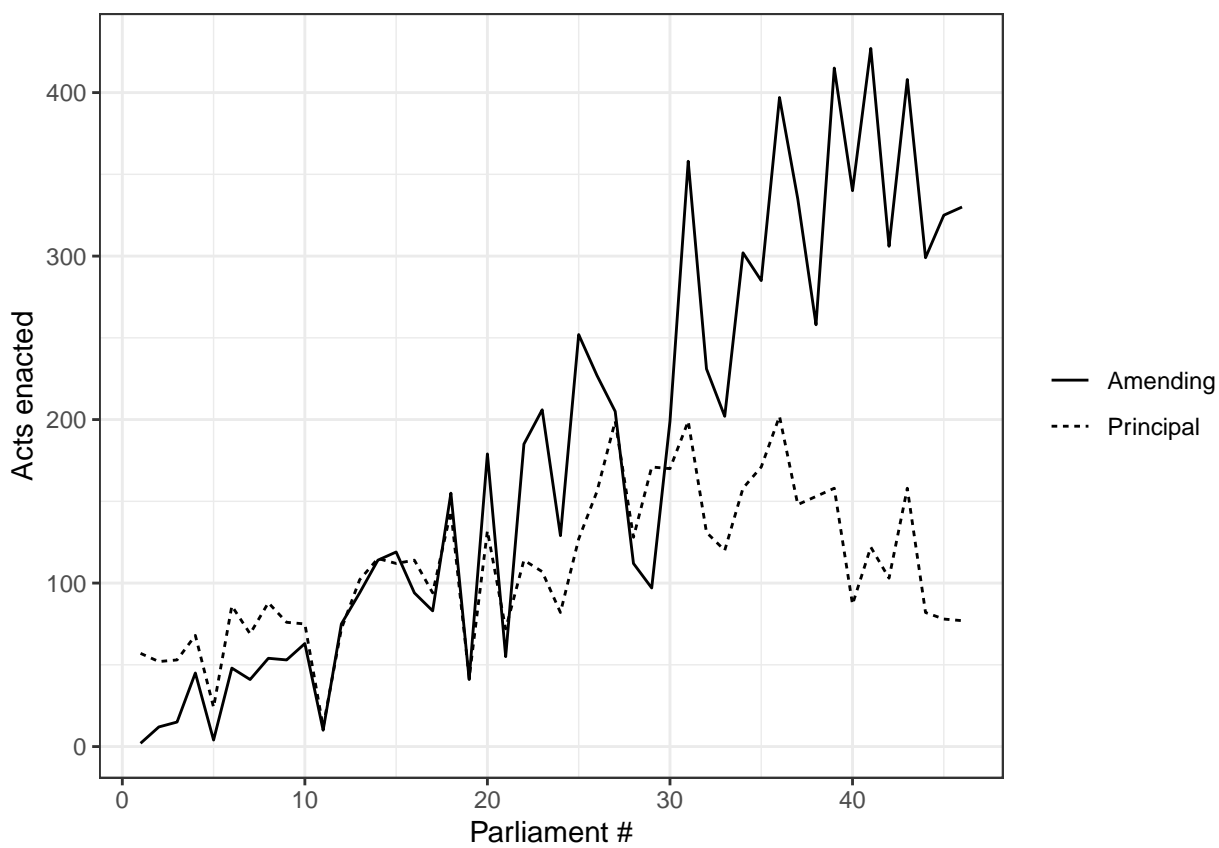


Figure 1: Acts of Parliament, by principal and amending acts (1901-2022)

Table 1: New York Air Quality Measurements

Air quality					Time
Ozone	Solar.R	Wind	Temp	Month	Day
41	190	7.4	67	5	1
23	299	8.6	65	5	7
18	313	11.5	62	5	4
		14.3	56	5	5
36	118	8.0	72	5	2
19	99	13.8	59	5	8
12	149	12.6	74	5	3
	194	8.6	69	5	10
28		14.9	66	5	6
8	19	20.1	61	5	9

Daily air quality measurements in New York, May to September 1973.

## 1.2 Full results

## 2 Validation

### 2.1 Convergent validity

### 2.2 Predictive validity

## 3 Text analysis

### 3.1 Descriptive statistics of Acts covered by Austlii publications

#### 3.1.1 By decade

#### 3.1.2 By area of law

#### 3.1.3 Specific Reference to publications dataset

### 3.2 LLM content analysis: reliability with human coders.

#### 3.2.1 Cohen’s kappa: evaluative intent

#### 3.2.2 Cohen’s kappa: recommendation to change

### 3.3 Zero-Shot text annotation codebook

#### 3.3.1 Task one: Evaluative intent

##### 3.3.1.1 Evaluative intent 1, without examples

##### 3.3.1.2 Evaluative intent 1, with examples

### 3.3.2 Task two: Recommendation to change legislation

#### 3.3.2.1 Recommendation to change 1, without examples

#### 3.3.2.2 Recommendation to change 2, with examples

## 4 Expert ratings

### 4.1 Expert coding tool: Shiny application

### 4.2 Descriptive statistics

### 4.3 Differential item functioning