

## 0.1 Traditional Readability Formulae and their creation processes

Most of the researchers who worked on early readability formulae also gave significant contributions to their field (typically Educational Psychology). So, I am also adding wikipedia pages where they exist, to give a perspective.

- (Thorndike, 1921) - describe a process of vocabulary list creation for schools. Wikipedia page of Edward Thorndike: [https://en.wikipedia.org/wiki/Edward\\_Thorndike](https://en.wikipedia.org/wiki/Edward_Thorndike)
- (Lively and Pressey, 1923) proposed a method to estimate the vocabulary burden of text books. Sidney L.Pressey's wikipedia page: [https://en.wikipedia.org/wiki/Sidney\\_L.\\_Pressey](https://en.wikipedia.org/wiki/Sidney_L._Pressey)
- (Vogel and Washburne, 1928) proposed "Winnetka Formula", which perhaps for the first time considered syntactic aspects of text and validated their formula against reading test scores.
- (Waples and Tyler, 1931) studied adult reading instead of children and looked at the specific issues involved there.
  - Wikipedia page on Waples: [https://en.wikipedia.org/wiki/Douglas\\_Waples](https://en.wikipedia.org/wiki/Douglas_Waples)
  - Wikipedia page on Tyler: [https://en.wikipedia.org/wiki/Ralph\\_W.\\_Tyler](https://en.wikipedia.org/wiki/Ralph_W._Tyler)
- (Patty and Painter, 1931) proposed another approach to measure the vocabulary burden in textbooks, as an improvement over previous approaches like (Lively and Pressey, 1923).
- (Dale and Tyler, 1934) studied the factors influencing adult reading difficulty. Edgar Dale's Wikipedia page: [https://en.wikipedia.org/wiki/Edgar\\_Dale](https://en.wikipedia.org/wiki/Edgar_Dale)
- (Gray and Leary, 1935) studied a wide range of factors that influence readability, with adult readers as their end-users. William Gray's wikipedia page: [https://en.wikipedia.org/wiki/William\\_S.\\_Gray](https://en.wikipedia.org/wiki/William_S._Gray)
- (Lorge, 1939; Lorge, 1944; Thorndike and Lorge, 1944) worked on proposing simple, easy to use readability formulae to select reading passages for children.
- (Flesch, 1943; Flesch, 1948) studied the markers of readable style and proposed a readability formula which is still widely used. Wikipedia page on Rudolf Flesch: [https://en.wikipedia.org/wiki/Rudolf\\_Flesch](https://en.wikipedia.org/wiki/Rudolf_Flesch)
- (Dale and Chall, 1948) also proposed another readability formula, and continued improving it. Wikipedia page on Chall: [https://en.wikipedia.org/wiki/Jeanne\\_Chall](https://en.wikipedia.org/wiki/Jeanne_Chall)

## 0.2 Theoretical perspectives

## 0.3 User based experiments

## 0.4 corpora creation/description/analysis

## 0.5 Related standardized tests

- (McCall and Crabbs, 1926)

## **0.6 Feature engineering and Machine Learning**

## **0.7 Evaluation**

## **0.8 Applications of readability analysis**

## **0.9 Various Theses**

## **0.10 Readability related workshops, symposiums etc.**

### **References**

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