ullet Absolute discounting: subtract a fixed D from all non-zero counts

$$\alpha(w_n|w_1,...,w_{n-1}) = \frac{c(w_1,...,w_n) - D}{\sum_{w} c(w_1,...,w_{n-1},w)}$$

Refinement: three different discount values

$$D(c) = \begin{cases} D_1 & \text{if } c = 1\\ D_2 & \text{if } c = 2\\ D_{3+} & \text{if } c \ge 3 \end{cases}$$