Eye Movement Data Set

**Abstract**: According to the data of eye movement, judge whether the participant is reading pictures or text

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| **Data Set Characteristics:** | Multivariate | **Number of Instances:** | 1159 | **Area:** | Life |
| **Attribute Characteristics:** | Categorical, Real | **Number of Attributes:** | 4 | **Date Donated** | N/A |
| **Associated Tasks:** | Classification | **Missing Values?** | No | **Number of Web Hits:** | N/A |

**Source:**

N/A

**Data Set Information:** The data set was composed of eye movement data when 30 subjects read pictures and texts. There were 20 image tasks and text tasks each. Screen out extreme data that exceeds the standard deviation range by three times and remove it. After culling, eye movement data records of 1159 tasks met the requirements. Each column in the table is a particular characteristics of eye movement. and each row corresponds one of 1159 eye movement data recording from these individuals. The main aim of the data is to discriminate text from those pictures. according to "label" column which is set to 1 for text and 2 for picture.

**Attribute Information:**

Only 4 attributes used:

1. Pupil：pupil diameter
2. Distance：eye movement distance
3. Duration：The duration of each fixation
4. Count：number of eyes