

Evaluation for j-th library:

$$E_j = \frac{\sum_{i=0}^{N_j} S_i}{M_j} \cdot (D - T_j)$$

Where the sigma is the sum of book scores belonging to the given library. The sum is divided by the number of books that can be scanned each day, giving us theoretical speed of library in points / day. This speed is then multiplied by the number of day the library can theoretically operate.