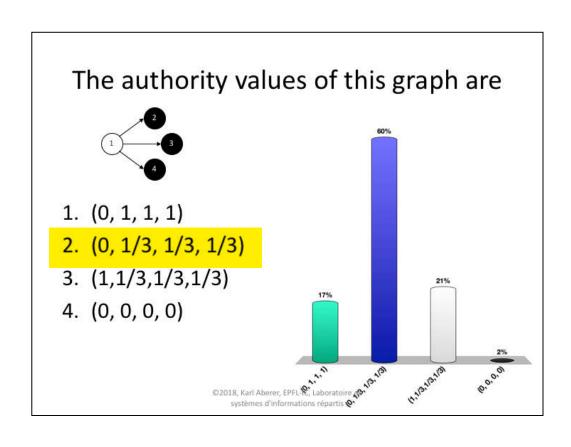
Consider the following matrix for assigning random jump probabilities

$$\begin{pmatrix} \frac{1}{3} & 0 & 0 \\ \frac{1}{3} & 0 & 0 \\ \frac{1}{3} & 0 & 0 \end{pmatrix}$$

It means

- A random walker can always leave node 1 even without outgoing edges
- A random walker can always reach node 1, even without incoming edges
- 3. A random walker can always leave node 2, even without outgoing edges
- 4. none of the above





Which one is true? Hint: Think about worst case scenario

- 1. Exploiting locality with gap encoding may increase the size of an adjacency list
- 2. Exploiting similarity with reference lists may increase the size of an adjacency list
- 3. Both of the above is true
- 4. None of the above is true

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