An example set of rows indexed by the same LSH: (k-mer x, species count R(x, t))

$$t_1 \quad \text{(ATTTCGGT, 7), (CTTGGGTT, 2), (ATTGGGTT, 1), (ATTGCCTT, 1)} \\ t_2 \quad \text{(CCTTCGGT, 3), (CTTGGGTT, 3)} \\ t_3 \quad \text{(CTTGGGTT, 3), (ATTGGGTT, 2)} \\ t_4 \quad \text{(ATTGGGTT, 2)} \\ \\ R(\text{ATTGCCTT}, t_0) = 1 \qquad R'(\text{ATTGGGTT}, t_0) = 1 \qquad R^*(\text{ATTGCCTT}, t_0) = 0.25 \\ R(\text{ATTGGGTT}, t_0) = 2 \qquad R'(\text{CCTTCGGT}, t_0) = 1 \qquad R^*(\text{ATTGGGTT}, t_0) = 1.25 \\ R(\text{ATTGGGTT}, t_0) = 3 \qquad R'(\text{ATTGCCTT}, t_0) = 1 \qquad R^*(\text{ATTCGGT}, t_0) = 1.5 \\ R(\text{CCTTCGGT}, t_0) = 3 \qquad R'(\text{ATTTCGGT}, t_0) = 1 \qquad R^*(\text{ATTTCGGT}, t_0) = 1.75 \\ R(\text{ATTTCGGT}, t_0) = 7 \qquad R'(\text{ATTGGGTT}, t_0) = 2 \qquad R^*(\text{ATTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 8 \qquad R'(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 8 \qquad R'(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3 \qquad R^*(\text{CTTGGGTT}, t_0) = 3.5 \\ R(\text{CTTGGGTT}, t_0) = 3$$

