

$$w_{ij} = Pr(d_i | h_j)$$

Description (d)

Wages per day (y)

Relevance

Blacksmiths, regular

\$2.49

0.8878

Foremen, blacksmiths

\$3.96

0.0568

Cutters, hats and caps

\$2.04

0.0212

... various less relevant ...

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<0.05

Traditional method (if not just 1950s occscore):

Occ. income for HISCO: 83110 → \$2.49

Top relevance decided by judgement call by RA

CHAOS:

Occ. income for HISCO: 83110 → **\$2.52**

*Based on a weighted average of
all relevant bits of information*

$$\sum_{i \in S} y_i w_{ij}$$

Notes: New York rates for 1880 found in publicly available wage tables.

Table adapted from [1].