# Inequality of Educational Outcome and Inequality of Educational Opportunity in the Netherlands during the 20<sup>th</sup> Century

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  - IEOpp, Inequality of Educational Opportunity: Association between family background and the probability of from one level of education to the next

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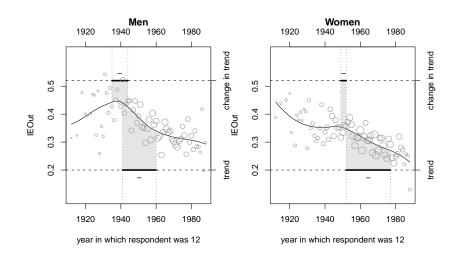
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### Trend in Inequality of Educational Outcome



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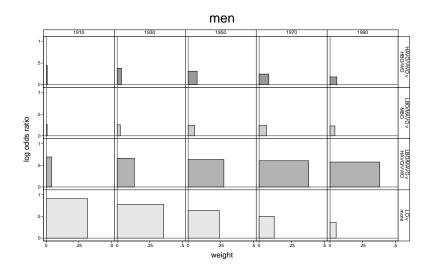
$$\begin{split} \text{IEOut} &= \text{weight}_1 \times \text{IEOpp}_1 + \text{weight}_2 \times \text{IEOpp}_2 + \dots + \\ & \text{weight}_k \times \text{IEOpp}_k \end{split}$$

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\begin{split} \text{IEOut} &= \text{weight}_1 \times \text{IEOpp}_1 + \text{weight}_2 \times \text{IEOpp}_2 + \cdots + \\ & \text{weight}_k \times \text{IEOpp}_k \\ \text{weight} &= \text{at risk} \times \text{variance} \times \text{gain} \end{split}
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# Decomposition of IEOut in IEOpps and weights



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