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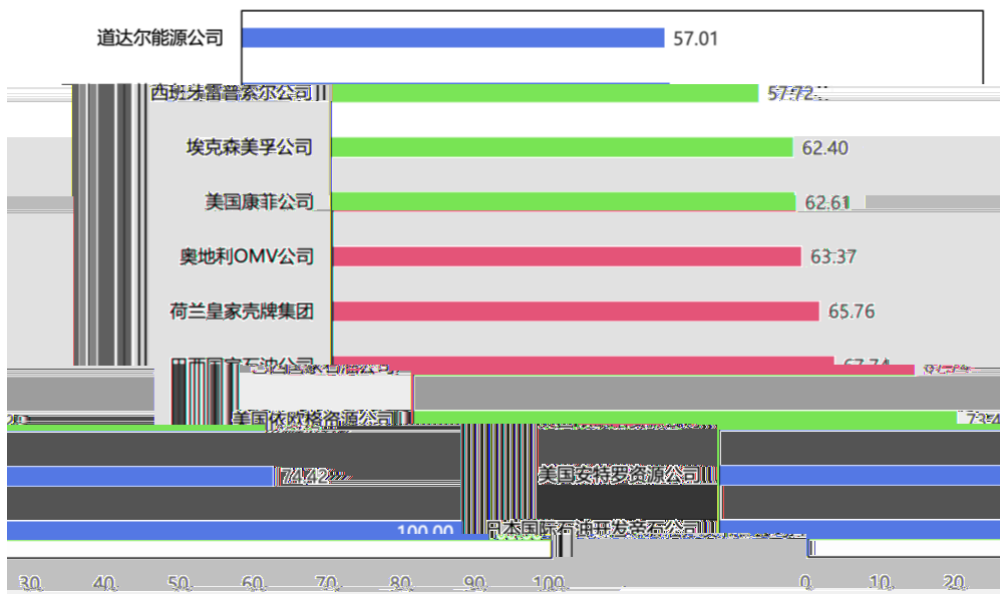


$$\text{score} = \frac{\sum_{i=1}^n \text{pos}_i - \sum_{i=1}^n \text{neg}_i}{n}$$

$\text{pos}_i$

$\text{neg}_i$

$$\text{Speak\_score}_i = \text{score}_i \times \frac{100}{\max(\text{score})}$$





$$y = \frac{x_i - x_{\min}}{x_{\max} - x_{\min}}$$

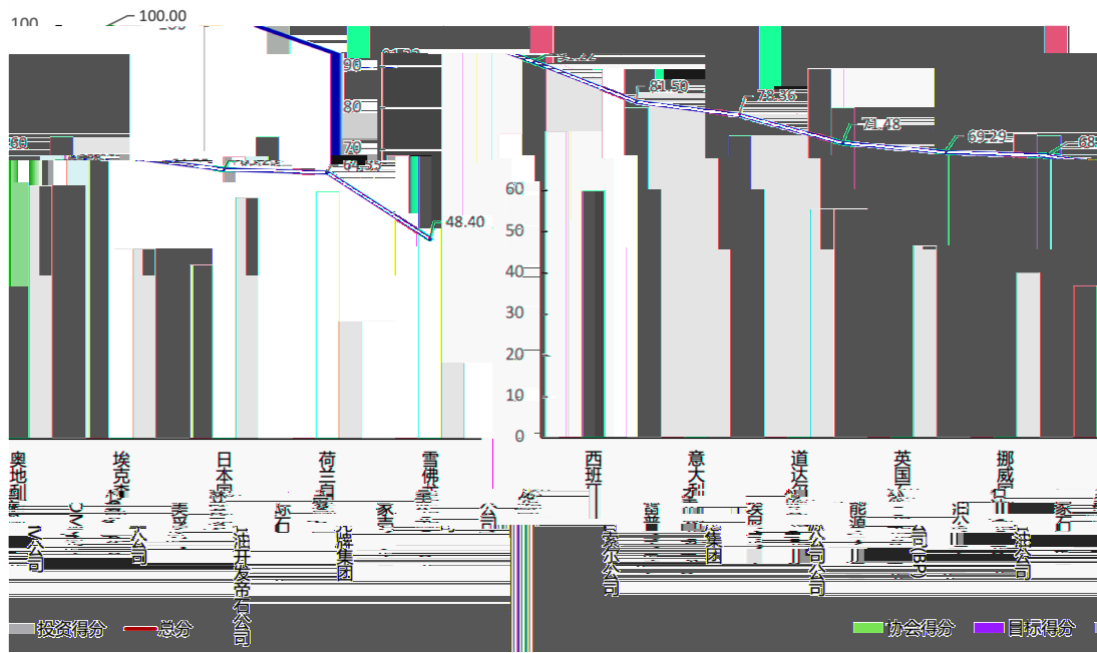
$x_i$

$x_{\max}$

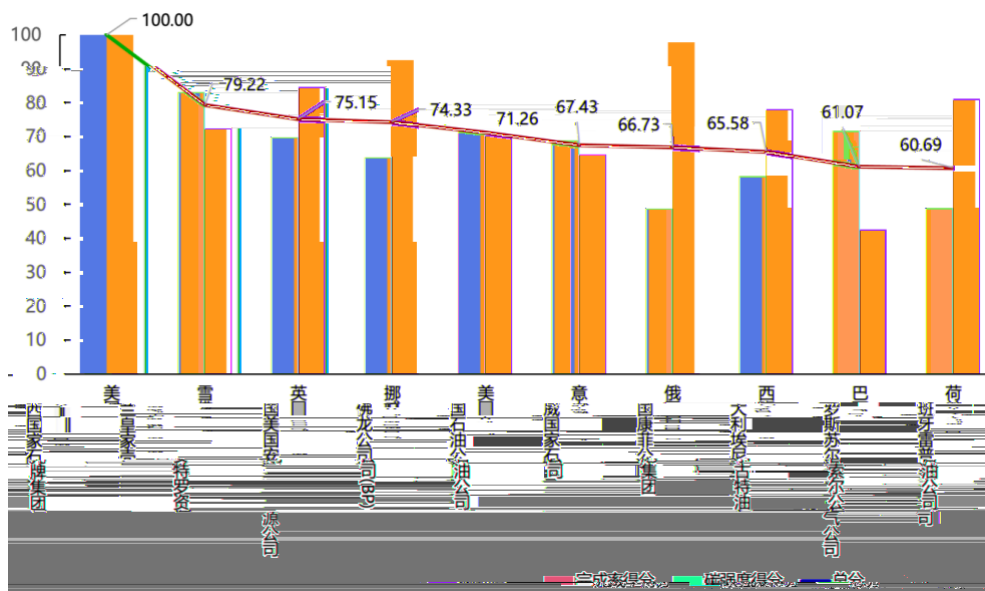
$x_{\min}$

$$E_j = -\frac{1}{\ln 21} \times \sum_{i=1}^{21} \frac{y_{ij}}{\sum_{i=1}^3 y_{ij}} \times \ln \frac{y_{ij}}{\sum_{i=1}^3 y_{ij}}$$

$$W_j = \frac{1 - E_j}{3 - \sum E_j}$$





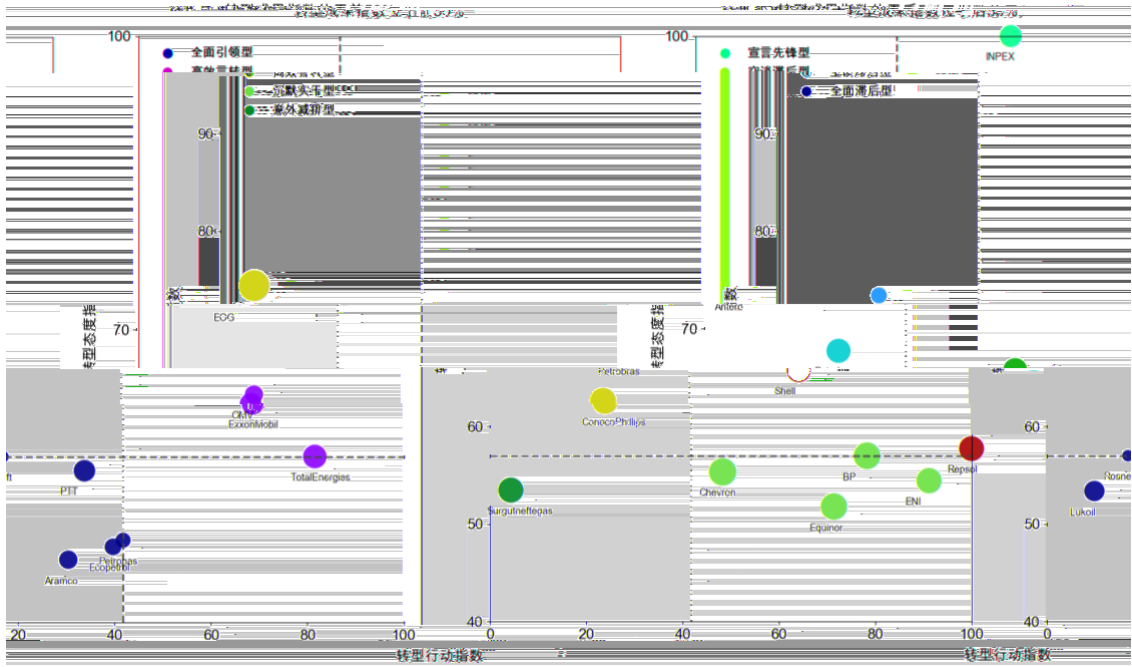








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