**Main Factor 1 (weight: 0.6)**

Sub-Factor 1.1 (weight: 0.7)

1. Y/N - (weight: 0.5, score: 8)
2. SA - (weight: 0.5, RA score: 6)

Sub-Factor 1.2 (weight: 0.3)

1. Y/N - (weight: 0.25, score: 7)
2. SA - (weight: 0.25, RA score: 9)
3. SA - (weight: 0.25, RA score: 6)
4. SA - (weight: 0.25, RA score: 3)

**Main Factor 2 (weight: 0.4)**

Sub-Factor 2.1 (weight: 0.6)

1. MC - (weight: 0.33, Choice: 5)
2. MC - (weight: 0.33, Choice: 7)
3. DS - (weight: 0.33, RA score: 6)

Sub-Factor 2.2 (weight: 0.4)

1. Y/N - (weight: 0.2, score: 8)
2. MC - (weight: 0.2, Choice: 6)
3. MC - (weight: 0.2, Choice: 6)
4. SA - (weight: 0.2, RA score: 6)
5. DS - (weight: 0.2, RA score: 7)

Total score 🡪

Contextual Adjustments 🡪

Monte Carlo 🡪

final risk score with confidence interval

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| # | method | score | Fuzzy score | weight | Sub-fac | Main-fac | Weighted score |
| 1 | auto | 0.8 | - | 0.5 | 0.7 | 0.7 | 0.8\*0.5\*0.7\*0.7 = 0.168 |
| 2 | RA | 0.6 | 0.6 | 0.5 | 0.7 | 0.7 | 0.126 |
| 3 | auto | 0.7 | - | 0.25 | 0.3 | 0.7 | 0.031 |
| 4 | RA | 0.9 | 0.8 | 0.25 | 0.3 | 0.7 | 0.036 |
| 5 | RA | 0.6 | 6 | 0.25 | 0.3 | 0.7 | 0.027 |
| 6 | RA | 0.3 | 0.3 | 0.25 | 0.3 | 0.7 | 0.014 |
| 7 | auto | 0.5 | - | 0.33 | 0.6 | 0.4 | 0.04 |
| 8 | auto | 0.7 | - | 0.33 | 0.6 | 0.4 | 0.055 |
| 9 | RA | 0.6 | 0.6 | 0.33 | 0.6 | 0.4 | 0.048 |
| 10 | auto | 0.8 | - | 0.2 | 0.4 | 0.4 | 0.026 |
| 11 | auto | 0.6 | - | 0.2 | 0.4 | 0.4 | 0.055 |
| 12 | auto | 0.6 | - | 0.2 | 0.4 | 0.4 | 0.055 |
| 13 | RA | 0.6 | 0.6 | 0.2 | 0.4 | 0.4 | 0.019 |
| 14 | RA | 0.7 | 0.6 | 0.2 | 0.4 | 0.4 | 0.022 |
| Total | | | | | |  | 0.722 |