

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)

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

Main Factor 2 (weight: 0.4)

Sub-Factor 2.1 (weight: 0.6)

7. MC - (weight: 0.33, Choice: 5)
8. MC - (weight: 0.33, Choice: 7)
9. DS - (weight: 0.33, RA score: 6)

Sub-Factor 2.2 (weight: 0.4)

10. Y/N - (weight: 0.2, score: 8)
11. MC - (weight: 0.2, Choice: 6)
12. MC - (weight: 0.2, Choice: 6)
13. SA - (weight: 0.2, RA score: 6)
14. DS - (weight: 0.2, RA score: 7)

#	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

Total score →

Contextual Adjustments →

Monte Carlo →

final risk score with confidence interval