BCD3002

Business Intelligence and Analytics

(Winter Semester 2022-23)

Digital Assignment

Name: Disha Dutta

Registration Number: 20BDS0089

Slot: G1+TG1

Date: April 13th, 2023

Consider a problem with the following goal, main criteria, and sub criteria. Assume relative importance that is most appropriate to your personal experience when ranking the main criteria and sub criteria across various alternatives.

a.   Goal: To select the right university for pursuing your current academic program (To pursue Master of Science in computer science)

b.   Main criteria: Location, weather, cost of the program, reputation, student life, duration

c.   Sub criteria: Location = City Proximity, Part-Time Jobs, Full-Time

Industry Proximity

Weather = Hot, Cold, Snow

Cost of the program = Dollar Amount, Scholarship, Living Expenses

Reputation = Rank, Public Image

Student life = Cultural Events, Athletics

Duration = Length of Course, Flexibility in Changing Duration

d.   Choose various alternatives that you have considered. Solve the problem using the AHP methodology

(Nanyang Technological University,Singapore;ETH Zurich,Switzerland;Toronto University,Canada;Stanford University,California;Oxford University,London;The university of Sydney,Sydney)
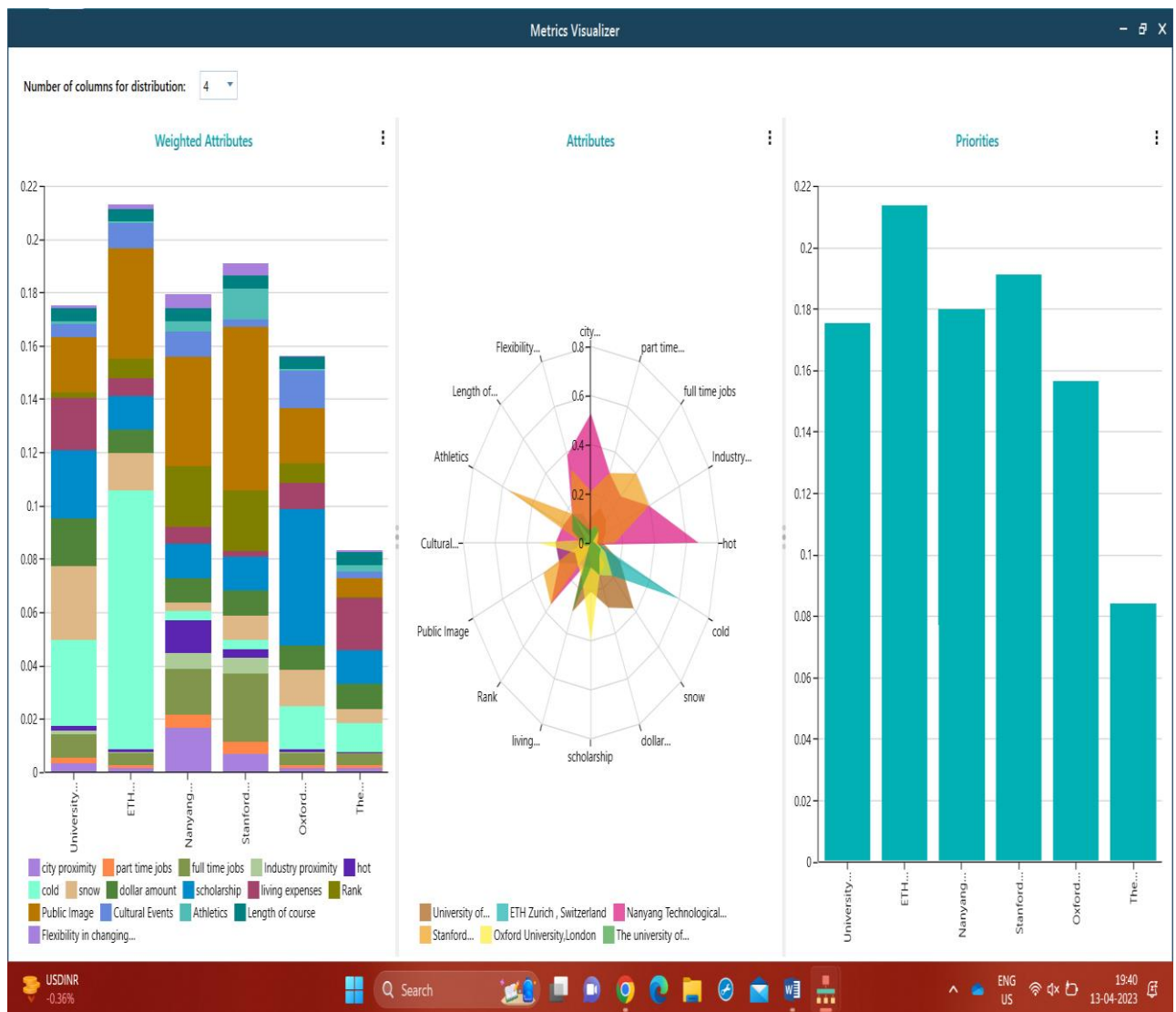
Final Choice: ETH Zurich, Switzerland

Analytic Hierarchy Process - To select the right university for pursuing masters

Recommendation

ETH Zurich , Switzerland

Criteria

Priority Trade-offs

* Transitivity rule is enforced.

	Location	weather	cost of the program	reputation	student life	duration	Priorities
Location	1	0.5	0.5	0.5	2	3	0.128
weather	2	1	1	1	4	6	0.255
cost of the program	2	1	1	1	4	6	0.255
reputation	2	1	1	1	4	6	0.255
student life	0.5	0.25	0.25	0.25	1	1.5	0.064
duration	0.333	0.167	0.167	0.167	0.667	1	0.043

* Consistency Ratio calculated as 0

Location 0.128	city proximity	part time jobs	full time jobs	Industry proximity	Priorities
city proximity	1	2	0.5	2	0.25
part time jobs	0.5	1	0.25	1	0.125
full time jobs	2	4	1	4	0.5
Industry proximity	0.5	1	0.25	1	0.125

* Consistency Ratio calculated as 0

weather 0.255	hot	cold	snow	Priorities
hot	1	0.111	0.25	0.071
cold	9	1	2.25	0.643
snow	4	0.444	1	0.286

* Consistency Ratio calculated as 0

cost of the program 0.255	dollar amount	scholarship	living expenses	Priorities
dollar amount	1	0.5	1	0.25
scholarship	2	1	2	0.5
living expenses	1	0.5	1	0.25

* Consistency Ratio calculated as 0

reputation 0.255	Rank	Public Image	Priorities
Rank	1	0.333	0.25
Public Image	3	1	0.75

student life 0.064	Cultural Events	Athletics	Priorities
Cultural Events	1	2	0.667
Athletics	0.5	1	0.333

duration 0.043	Length of course	Flexibility in changing duration	Priorities
Length of course	1	2	0.667
Flexibility in changing duration	0.5	1	0.333

Pairwise Comparisons of Options for Criteria

* Transitivity rule is enforced.

'city proximity' from all Options

city proximity 0.25	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities

city proximity 0.25	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	0.2	0.5	2	2	0.105
ETH Zurich , Switzerland	0.5	1	0.1	0.25	1	1	0.053
Nanyang Technological University,Singapore	5	10	1	2.5	10	10	0.526
Stanford University,California	2	4	0.4	1	4	4	0.211
Oxford University,London	0.5	1	0.1	0.25	1	1	0.053
The university of sydney,sydney	0.5	1	0.1	0.25	1	1	0.053

* Consistency Ratio calculated as 0

'part time jobs' from all Options

part time jobs 0.125	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	0.5	0.5	2	2	0.154
ETH Zurich , Switzerland	0.5	1	0.25	0.25	1	1	0.077
Nanyang Technological University,Singapore	2	4	1	1	4	4	0.308
Stanford University,California	2	4	1	1	4	4	0.308
Oxford University,London	0.5	1	0.25	0.25	1	1	0.077
The university of sydney,sydney	0.5	1	0.25	0.25	1	1	0.077

* Consistency Ratio calculated as 0

'full time jobs' from all Options

full time jobs 0.5	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	0.5	0.333	2	2	0.133
ETH Zurich , Switzerland	0.5	1	0.25	0.167	1	1	0.067
Nanyang Technological University,Singapore	2	4	1	0.667	4	4	0.267
Stanford University,California	3	6	1.5	1	6	6	0.4
Oxford University,London	0.5	1	0.25	0.167	1	1	0.067
The university of sydney,sydney	0.5	1	0.25	0.167	1	1	0.067

* Consistency Ratio calculated as 0

'Industry proximity' from all Options

Industry proximity 0.125	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	0.25	0.25	2	7	0.099
ETH Zurich , Switzerland	0.5	1	0.125	0.125	1	3.5	0.049
Nanyang Technological University,Singapore	4	8	1	1	8	28	0.394
Stanford University,California	4	8	1	1	8	28	0.394
Oxford University,London	0.5	1	0.125	0.125	1	3.5	0.049
The university of sydney,sydney	0.143	0.286	0.036	0.036	0.286	1	0.014

* Consistency Ratio calculated as 0

'hot' from all Options

hot 0.071	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	0.111	0.5	2	3	0.075
ETH Zurich , Switzerland	0.5	1	0.056	0.25	1	1.5	0.038
Nanyang Technological University,Singapore	9	18	1	4.5	18	27	0.675
Stanford University,California	2	4	0.222	1	4	6	0.15
Oxford University,London	0.5	1	0.056	0.25	1	1.5	0.038
The university of sydney,sydney	0.333	0.667	0.037	0.167	0.667	1	0.025

* Consistency Ratio calculated as 0

'cold' from all Options

cold 0.643	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	0.333	9	9	2	3	0.198
ETH Zurich , Switzerland	3	1	27	27	6	9	0.593
Nanyang Technological University,Singapore	0.111	0.037	1	1	0.222	0.333	0.022
Stanford University,California	0.111	0.037	1	1	0.222	0.333	0.022
Oxford University,London	0.5	0.167	4.5	4.5	1	1.5	0.099
The university of sydney,sydney	0.333	0.111	3	3	0.667	1	0.066

* Consistency Ratio calculated as 0

'snow' from all Options

snow 0.286	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	9	3	2	5	0.378
ETH Zurich , Switzerland	0.5	1	4.5	1.5	1	2.5	0.189
Nanyang Technological University,Singapore	0.111	0.222	1	0.333	0.222	0.556	0.042
Stanford University,California	0.333	0.667	3	1	0.667	1.67	0.126
Oxford University,London	0.5	1	4.5	1.5	1	2.5	0.189
The university of sydney,sydney	0.2	0.4	1.8	0.6	0.4	1	0.076

* Consistency Ratio calculated as 0

'dollar amount' from all Options

dollar amount 0.25	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	2	2	2	2	0.286
ETH Zurich , Switzerland	0.5	1	1	1	1	1	0.143
Nanyang Technological University,Singapore	0.5	1	1	1	1	1	0.143
Stanford University,California	0.5	1	1	1	1	1	0.143
Oxford University,London	0.5	1	1	1	1	1	0.143
The university of sydney,sydney	0.5	1	1	1	1	1	0.143

* Consistency Ratio calculated as 0

'scholarship' from all Options

scholarship 0.5	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	2	2	0.5	2	0.2
ETH Zurich , Switzerland	0.5	1	1	1	0.25	1	0.1
Nanyang Technological University,Singapore	0.5	1	1	1	0.25	1	0.1
Stanford University,California	0.5	1	1	1	0.25	1	0.1
Oxford University,London	2	4	4	4	1	4	0.4
The university of sydney,sydney	0.5	1	1	1	0.25	1	0.1

* Consistency Ratio calculated as 0

'living expenses' from all Options

living expenses 0.25	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	3	3	8	2	1	0.304
ETH Zurich , Switzerland	0.333	1	1	2.67	0.667	0.333	0.101
Nanyang Technological University,Singapore	0.333	1	1	2.67	0.667	0.333	0.101
Stanford University,California	0.125	0.375	0.375	1	0.25	0.125	0.038
Oxford University,London	0.5	1.5	1.5	4	1	0.5	0.152
The university of sydney,sydney	1	3	3	8	2	1	0.304

* Consistency Ratio calculated as 0

'Rank' from all Options

Rank 0.25	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	0.333	0.111	0.111	0.333	3	0.039
ETH Zurich , Switzerland	3	1	0.333	0.333	1	9	0.118
Nanyang Technological University,Singapore	9	3	1	1	3	27	0.355
Stanford University,California	9	3	1	1	3	27	0.355
Oxford University,London	3	1	0.333	0.333	1	9	0.118
The university of sydney,sydney	0.333	0.111	0.037	0.037	0.111	1	0.013

* Consistency Ratio calculated as 0

'Public Image' from all Options

Public Image 0.75	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	0.5	0.5	0.333	1	3	0.107
ETH Zurich , Switzerland	2	1	1	0.667	2	6	0.214
Nanyang Technological University,Singapore	2	1	1	0.667	2	6	0.214
Stanford University,California	3	1.5	1.5	1	3	9	0.321
Oxford University,London	1	0.5	0.5	0.333	1	3	0.107
The university of sydney,sydney	0.333	0.167	0.167	0.111	0.333	1	0.036

* Consistency Ratio calculated as 0

'Cultural Events' from all Options

Cultural Events 0.667	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	0.5	0.5	2	0.333	2	0.111
ETH Zurich , Switzerland	2	1	1	4	0.667	4	0.222
Nanyang Technological University,Singapore	2	1	1	4	0.667	4	0.222
Stanford University,California	0.5	0.25	0.25	1	0.167	1	0.056
Oxford University,London	3	1.5	1.5	6	1	6	0.333
The university of sydney,sydney	0.5	0.25	0.25	1	0.167	1	0.056

* Consistency Ratio calculated as 0

'Athletics' from all Options

Athletics 0.333	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	2	0.333	0.111	2	0.5	0.062
ETH Zurich , Switzerland	0.5	1	0.167	0.056	1	0.25	0.031
Nanyang Technological University,Singapore	3	6	1	0.333	6	1.5	0.188
Stanford University,California	9	18	3	1	18	4.5	0.562
Oxford University,London	0.5	1	0.167	0.056	1	0.25	0.031
The university of sydney,sydney	2	4	0.667	0.222	4	1	0.125

* Consistency Ratio calculated as 0

'Length of course' from all Options

Length of course 0.667	University of Toronto, Canada	ETH Zurich, Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	1	1	1	1	1	0.167
ETH Zurich, Switzerland	1	1	1	1	1	1	0.167
Nanyang Technological University,Singapore	1	1	1	1	1	1	0.167
Stanford University,California	1	1	1	1	1	1	0.167
Oxford University,London	1	1	1	1	1	1	0.167
The university of sydney,sydney	1	1	1	1	1	1	0.167

* Consistency Ratio calculated as 0

'Flexibility in changing duration' from all Options

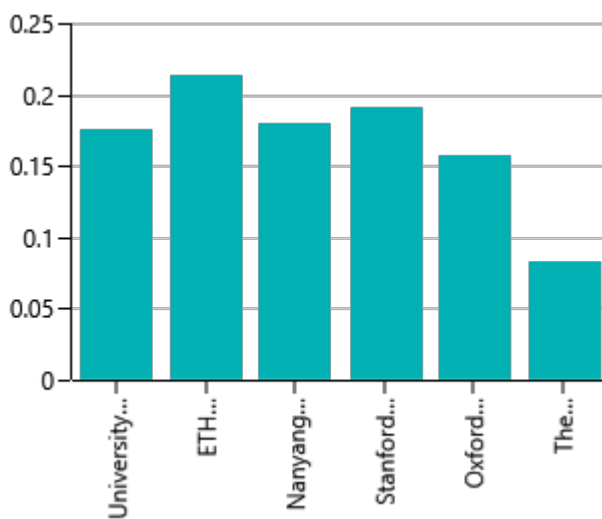| Flexibility in changing duration 0.333	University of Toronto, Canada	ETH Zurich , Switzerland	Nanyang Technological University,Singapore	Stanford University,California	Oxford University,London	The university of sydney,sydney	Priorities
University of Toronto, Canada	1	0.5	0.167	0.2	2	1	0.065
ETH Zurich , Switzerland	2	1	0.333	0.4	4	2	0.129
Nanyang Technological University,Singapore	6	3	1	1.2	12	6	0.387
Stanford University,California	5	2.5	0.833	1	10	5	0.323
Oxford University,London	0.5	0.25	0.083	0.1	1	0.5	0.032
The university of sydney,sydney	1	0.5	0.167	0.2	2	1	0.065

* Consistency Ratio calculated as 0

● Multi-Criteria Utility Function = 0.03 * [city proximity] + 0.02 * [part time jobs] + 0.06 * [full time jobs] + 0.02 * [Industry proximity] + 0.02 * [hot] + 0.16 * [cold] + 0.07 * [snow] + 0.06 * [dollar amount] + 0.13 * [scholarship] + 0.06 * [living expenses] + 0.06 * [Rank] + 0.19 * [Public Image] + 0.04 * [Cultural

Events] + 0.02 * [Athletics] + 0.03 * [Length of course] + 0.01 * [Flexibility in changing duration]

Metrics

Option Name	Priorities
University of Toronto,Canada	0.175
ETH Zurich , Switzerland	0.213
Nanyang Technological University,Singapore	0.18
Stanford University,California	0.191
Oxford University,London	0.157
The university of sydney,sydney	0.084

Priorities

Attributes

Weighted Attributes

city proximity ▮ part time jobs ▮
full time jobs ▮ Industry proximity ▮ hot ▮
cold ▮ snow ▮ dollar amount ▮
scholarship ▮ living expenses ▮ Rank ▮
Public Image ▮ Cultural Events ▮ Athletics ▮
Length of course ▮ Flexibility in changing... ▮
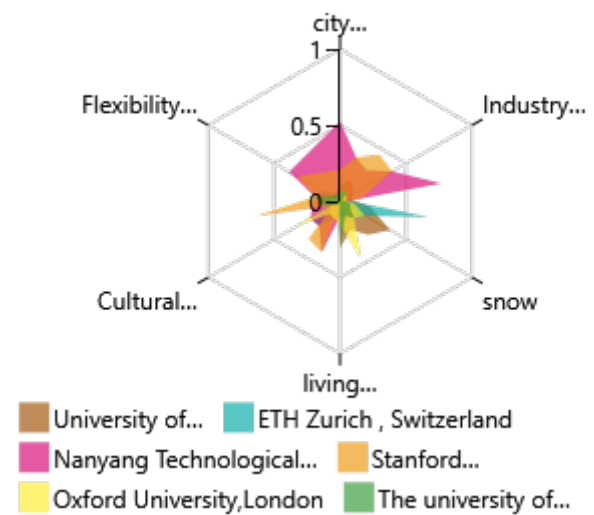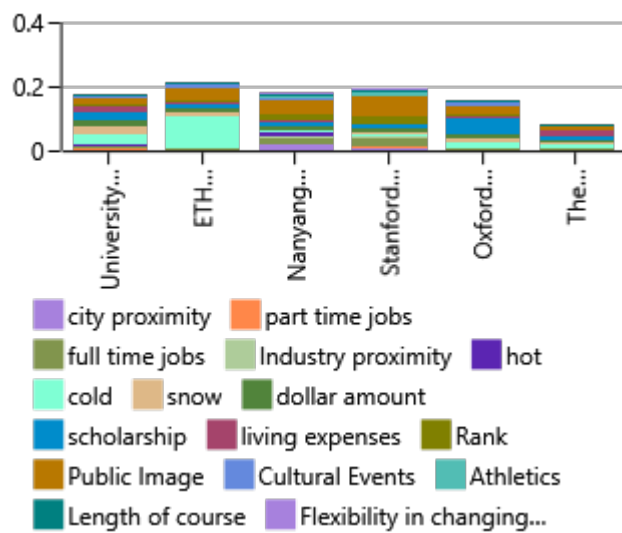
Sensitive Variables (26)

[Criterion : Public Image]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Stanford University,California]

University of Toronto,Canada/Stanford U...

■ University of...
■ ETH Zurich , Switzerland
■ Nanyang Technological... ■ Stanford...
■ Oxford University,London
■ The university of...

Current University of Toronto,Canada/... : 1/3
Decision Change Sensitivity : 88.75%
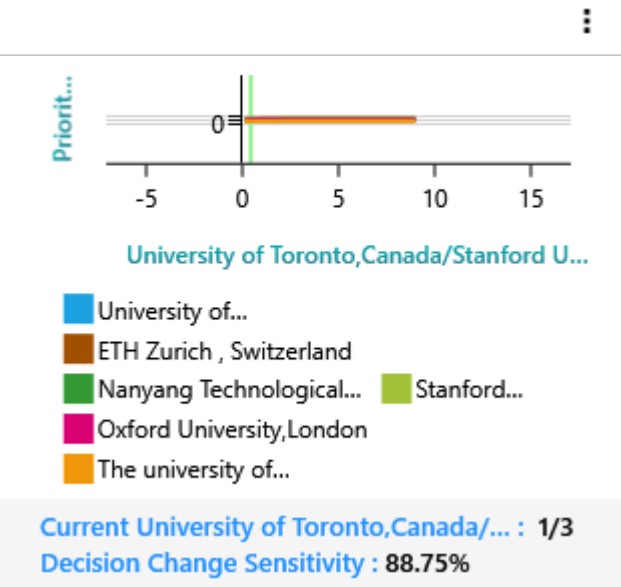
[Criterion : hot]→[Criterion Weight][Pair Comparison Against]→[Criterion : cold]

hot/cold

■ University of...
■ ETH Zurich , Switzerland
■ Nanyang Technological... ■ Stanford...
■ Oxford University,London
■ The university of...

Current hot/cold Ratio : 1/9
Decision Change Sensitivity : 87.5%

[Criterion : Location]→[Criterion Weight][Pair Comparison Against]→[Criterion : reputation]

Location/reputation

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...
- Stanford...
- Oxford University,London
- The university of...

Current Location/reputation Ratio : 1/2
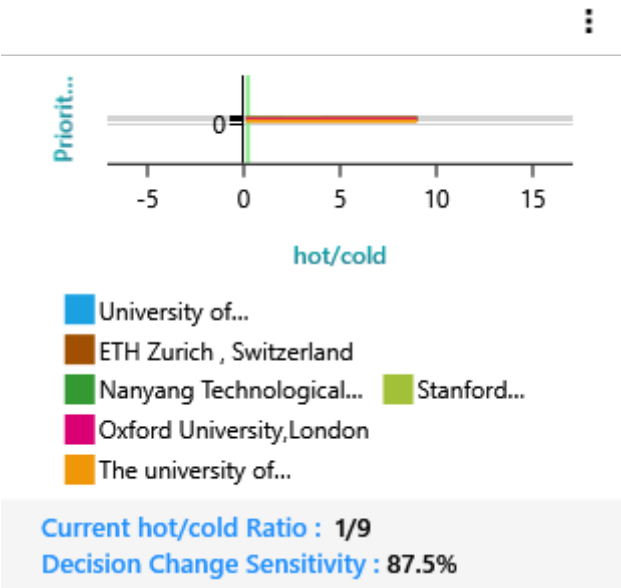**Decision Change Sensitivity : 83.75%**

[Criterion : Public Image]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Nanyang Technological University,Singapore]

University of Toronto,Canada/Nanyang T...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...
- Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 1/2
Decision Change Sensitivity : 83.75%

[Criterion : Location]→[Criterion Weight][Pair Comparison Against]→[Criterion : cost of the program]

Location/cost of the program

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...
- Stanford...
- Oxford University,London
- The university of...

Current Location/cost of the program... : 1/2
Decision Change Sensitivity : 78.75%

[Criterion : Location]→[Criterion Weight][Pair Comparison Against]→[Criterion : weather]

Location/weather

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...
- Stanford...
- Oxford University,London
- The university of...

Current Location/weather Ratio : 1/2
Decision Change Sensitivity : 78.75%

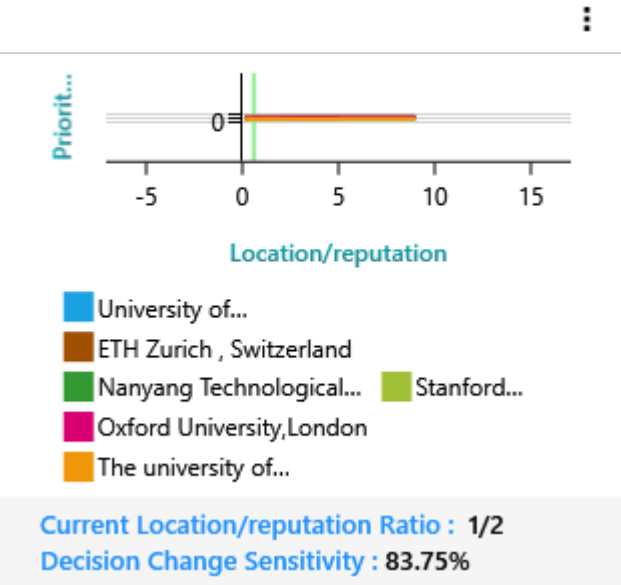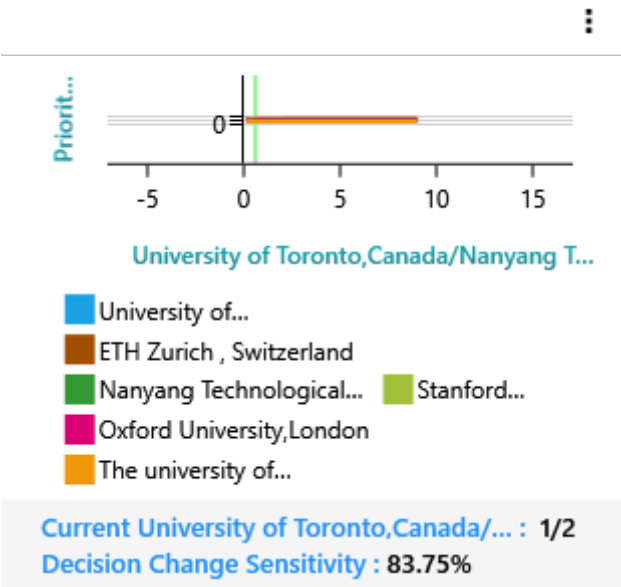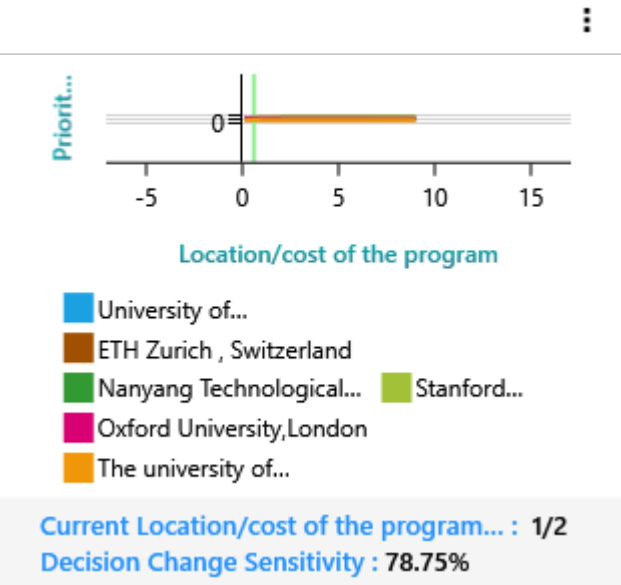[Criterion : Public Image]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : ETH Zurich , Switzerland]

⋮

University of Toronto,Canada/ETH Zurich...

- 🟦 University of...
- 🟫 ETH Zurich , Switzerland
- 🟩 Nanyang Technological... 🟢 Stanford...
- 🟪 Oxford University,London
- 🟧 The university of...

Current University of Toronto,Canada/... : 1/2
Decision Change Sensitivity : 78.75%

[Criterion : cold]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : ETH Zurich , Switzerland]

⋮

University of Toronto,Canada/ETH Zurich...

- 🟦 University of...
- 🟫 ETH Zurich , Switzerland
- 🟩 Nanyang Technological... 🟢 Stanford...
- 🟪 Oxford University,London
- 🟧 The university of...

Current University of Toronto,Canada/... : 1/3
Decision Change Sensitivity : 68.75%

[Criterion : cold]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Oxford University,London]

⋮

University of Toronto,Canada/Oxford Un...

- 🟦 University of...
- 🟫 ETH Zurich , Switzerland
- 🟩 Nanyang Technological... 🟢 Stanford...
- 🟪 Oxford University,London
- 🟧 The university of...

Current University of Toronto,Canada/... : 2/1
Decision Change Sensitivity : 57.5%

[Criterion : Public Image]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Oxford University,London]
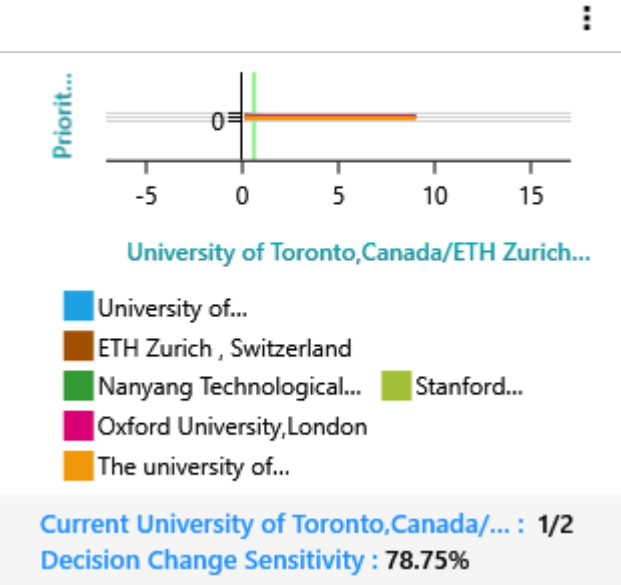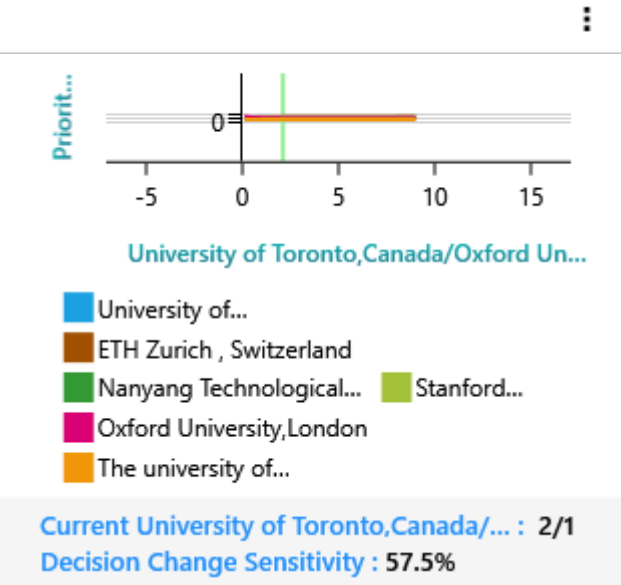
⋮

University of Toronto,Canada/Oxford Un...

- 🟦 University of...
- 🟫 ETH Zurich , Switzerland
- 🟩 Nanyang Technological... 🟢 Stanford...
- 🟪 Oxford University,London
- 🟧 The university of...

Current University of Toronto,Canada/... : 1/1
Decision Change Sensitivity : 57.5%

[Criterion : scholarship]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Stanford University,California]

University of Toronto,Canada/Stanford U...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 2/1
Decision Change Sensitivity : 57.5%

[Criterion : cold]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Nanyang Technological University,Singapore]

University of Toronto,Canada/Nanyang T...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

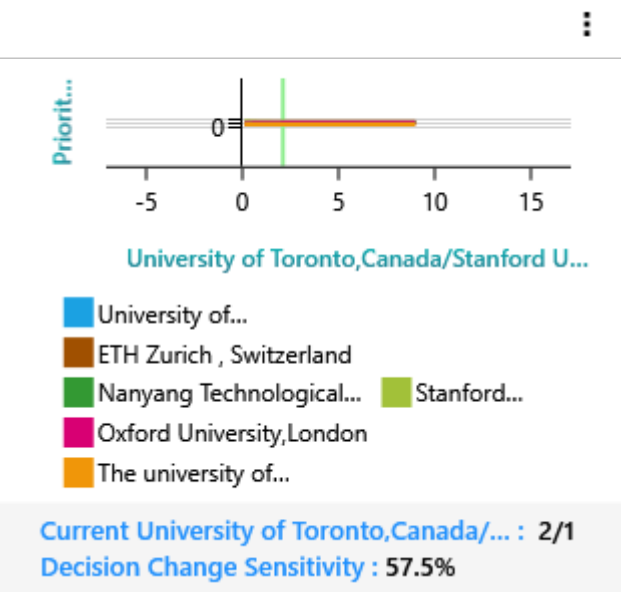**Current University of Toronto,Canada/... :** 9/1
Decision Change Sensitivity : 50%

[Criterion : cold]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Stanford University,California]

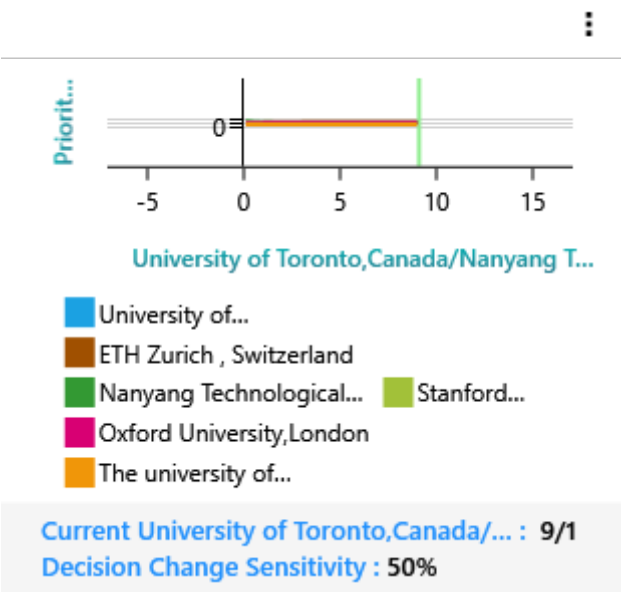University of Toronto,Canada/Stanford U...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 9/1
Decision Change Sensitivity : 50%

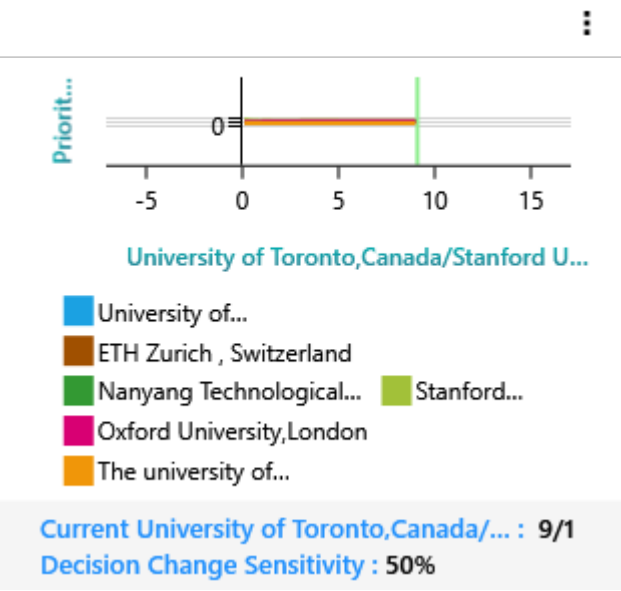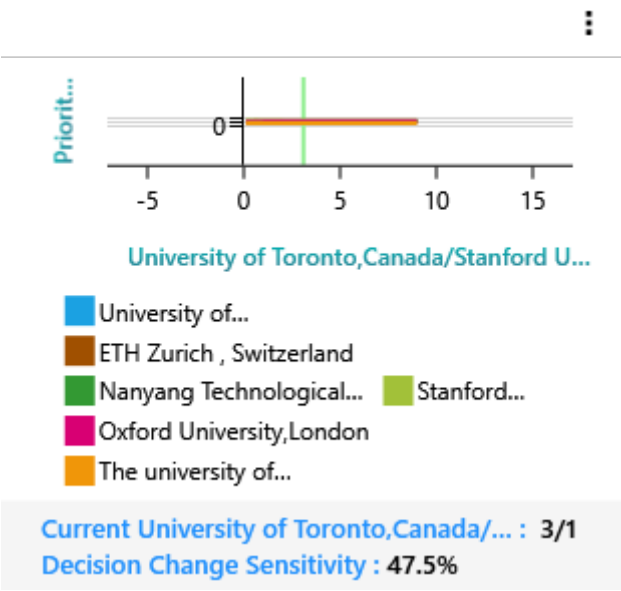[Criterion : snow]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Stanford University,California]

University of Toronto,Canada/Stanford U...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 3/1
Decision Change Sensitivity : 47.5%

[Criterion : scholarship]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Nanyang Technological University,Singapore]
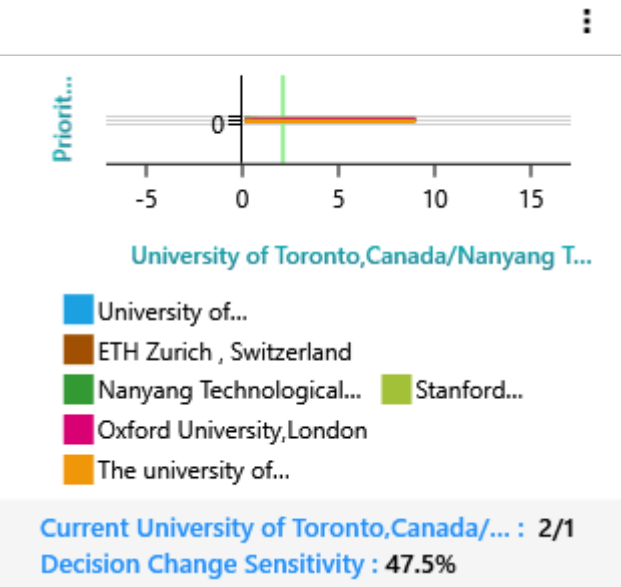

University of Toronto,Canada/Nanyang T...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological... Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 2/1
Decision Change Sensitivity : 47.5%

[Criterion : dollar amount]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Stanford University,California]
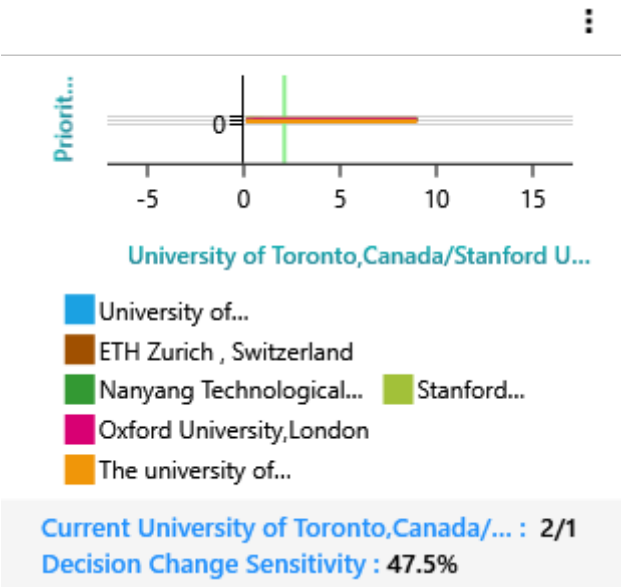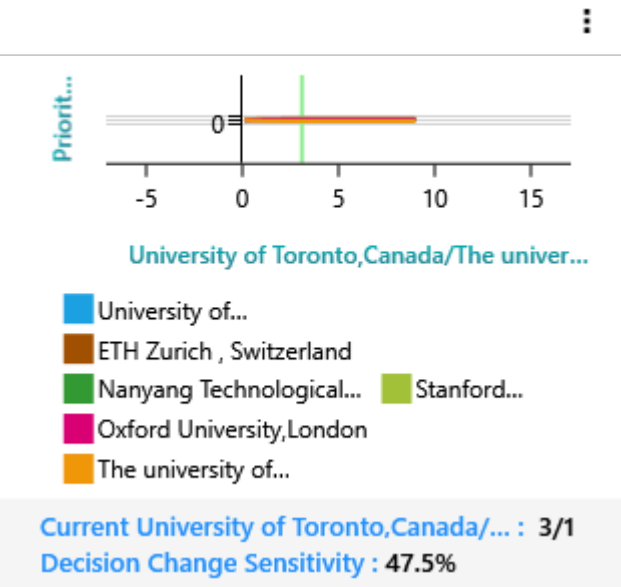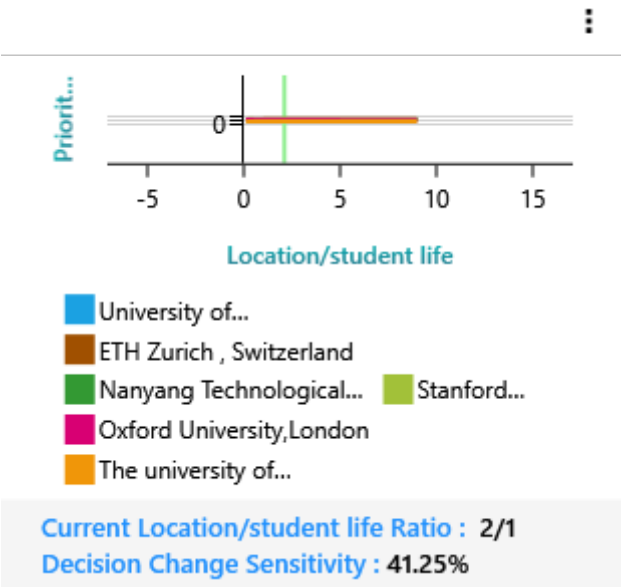

University of Toronto,Canada/Stanford U...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological... Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 2/1
Decision Change Sensitivity : 47.5%

[Criterion : cold]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : The university of sydney,sydney]

University of Toronto,Canada/The univer...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological... Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 3/1
Decision Change Sensitivity : 47.5%

[Criterion : Location]→[Criterion Weight][Pair Comparison Against]→[Criterion : student life]

Location/student life

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological... Stanford...
- Oxford University,London
- The university of...

Current Location/student life Ratio : 2/1
Decision Change Sensitivity : 41.25%

[Criterion : dollar amount]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Nanyang Technological UniveLosity,Singapore]

University of Toronto,Canada/Nanyang T...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 2/1
Decision Change Sensitivity : 36.25%

[Criterion : Cultural Events]→[Criterion Weight][Pair Comparison Against]→[Criterion : Athletics]

Cultural Events/Athletics

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current Cultural Events/Athletics Ratio : 2/1
Decision Change Sensitivity : 33.75%

[Criterion : Location]→[Criterion Weight][Pair Comparison Against]→[Criterion : duration]

Location/duration

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current Location/duration Ratio : 3/1
Decision Change Sensitivity : 31.25%

[Criterion : Cultural Events]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Stanford University,California]

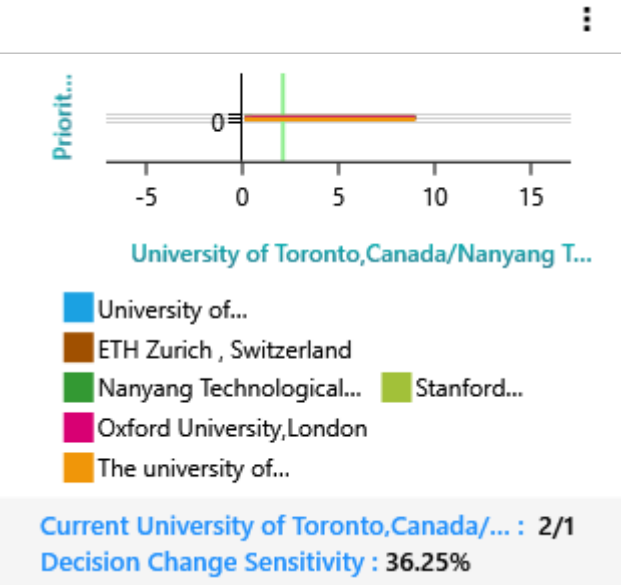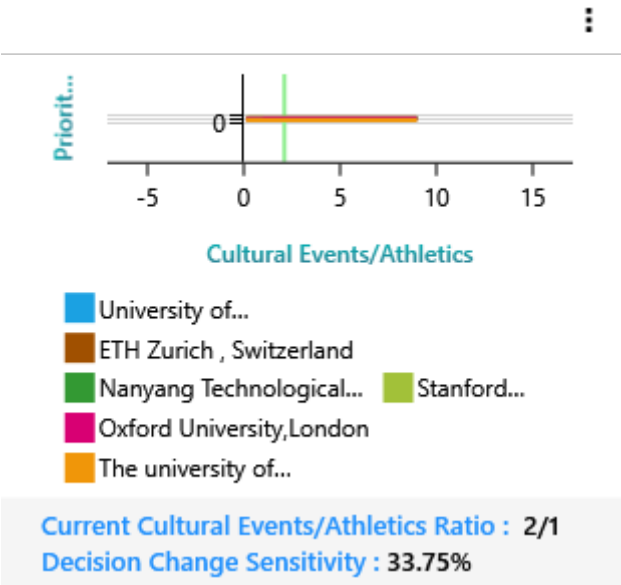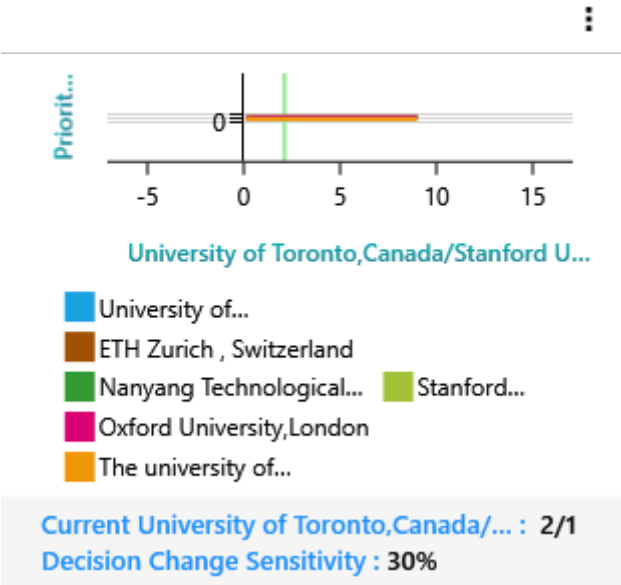University of Toronto,Canada/Stanford U...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 2/1
Decision Change Sensitivity : 30%

[Criterion : living expenses]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Stanford University,California]

University of Toronto,Canada/Stanford U...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 8/1
Decision Change Sensitivity : 30%

[Criterion : snow]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Nanyang Technological University,Singapore]

University of Toronto,Canada/Nanyang T...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...
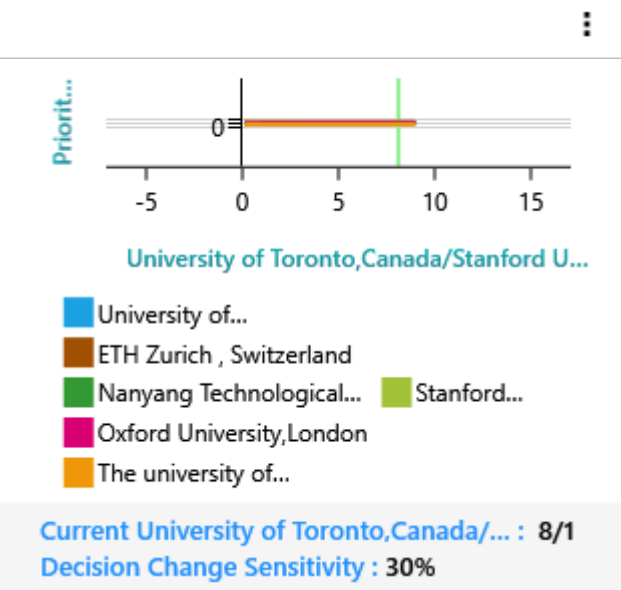
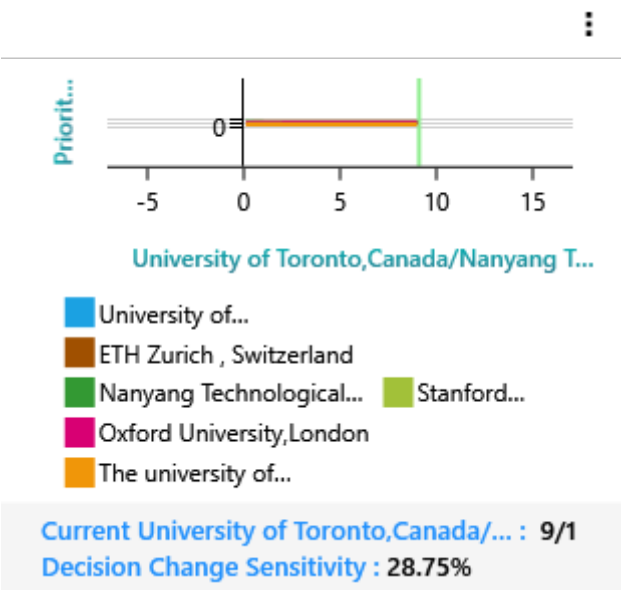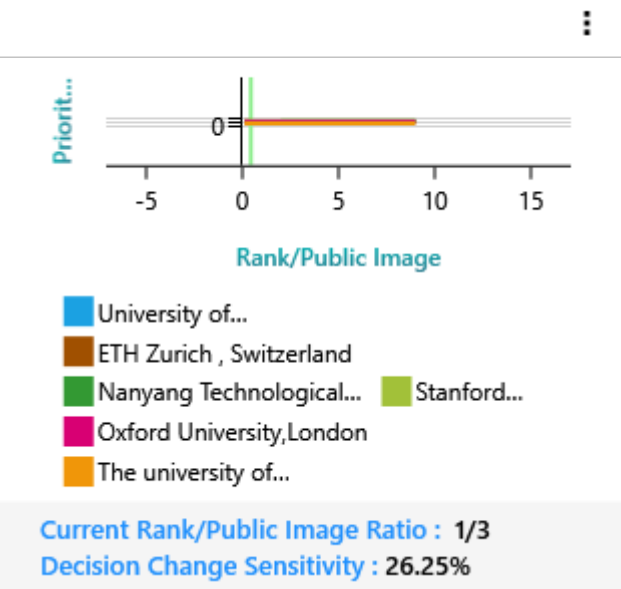**Current University of Toronto,Canada/... : 9/1**
Decision Change Sensitivity : 28.75%

[Criterion : Rank]→[Criterion Weight][Pair Comparison Against]→[Criterion : Public Image]

Rank/Public Image

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current Rank/Public Image Ratio : 1/3
Decision Change Sensitivity : 26.25%

[Criterion : living expenses]→[Option : University of Toronto,Canada]→[Value][Pair Comparison Against]→[Option : Nanyang Technological University,Singapore]

University of Toronto,Canada/Nanyang T...

- University of...
- ETH Zurich , Switzerland
- Nanyang Technological...   Stanford...
- Oxford University,London
- The university of...

Current University of Toronto,Canada/... : 3/1
Decision Change Sensitivity : 26.25%