

Kennzahlen

Pärchenkennzahlen

Food Preference > Age Difference > Gender Diversity

(">" bedeutet wichtiger als)

=====Metrics of Pairs=====

Number of Pairs: 152
Number of Successors(Nachrückende): 6
Average Gender Diversity: 0.625
Average Age Difference: 0.3223684210526316
Average Food Preference deviation: 0.0

---Only those created by algorithm---

Number of Pairs created by algorithm: 79
Average Gender Diversity: 0.4936708860759494
Average Age Difference: 0.17721518987341772
Average Food Preference deviation: 0.0

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Gruppenkennzahlen

Ohne Optimierung

=====Metrics of Groups=====

Number of groups for appetizer: 48
Number of groups for main: 48
Number of groups for dessert: 48
Number of groups: 144
Number of pairs without groups: 8
Path length of all groups: 5.925737408413766
Average Path Length: 0.0411509542250956
Standard Deviation Of Path Length: 0.026098411501111113
Average Age Difference: 0.631944444444455
Average Food Preference Deviation: 0.3611111111111109
Average Gender Diversity: 0.631944444444444
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Optimierung A: preference deviation > path length > age difference > gender diversity > # elements

=====Metrics of Groups=====

Number of groups for appetizer: 48
Number of groups for main: 48
Number of groups for dessert: 48
Number of groups: 144
Number of pairs without groups: 8
Path length of all groups: 4.546043931027562
Average Path Length: 0.03156974952102473
Standard Deviation Of Path Length: 0.01906819079975823
Average Age Difference: 0.49305555555555536
Average Food Preference Deviation: 0.16666666666666663
Average Gender Diversity: 0.6319444444444445

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Optimierung B: # elements > preference deviation > path length > gender diversity > age difference

=====Metrics of Groups=====

Number of groups for appetizer:	48
Number of groups for main:	48
Number of groups for dessert:	48
Number of groups:	144
Number of pairs without groups:	8
Path length of all groups:	4.999569626521095
Average Path Length:	0.0347192335175076
Standard Deviation Of Path Length:	0.02274922236736548
Average Age Difference:	0.6944444444444452
Average Food Preference Deviation:	0.1388888888888889
Average Gender Diversity:	0.6319444444444444

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Optimierung C: gender diversity > age difference > preference deviation > path length > # elements

=====Metrics of Groups=====

Number of groups for appetizer:	48
Number of groups for main:	48
Number of groups for dessert:	48
Number of groups:	144
Number of pairs without groups:	8
Path length of all groups:	5.429431215359206
Average Path Length:	0.037704383439994486
Standard Deviation Of Path Length:	0.02673638876167219
Average Age Difference:	0.4444444444444444
Average Food Preference Deviation:	0.26388888888888884
Average Gender Diversity:	0.625

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