

Table 1: Shows a factual and the corresponding counterfactual generated.

Factual Activity	Amount	Resource	Outcome	Counterfactual Activity	Amount	Resource	Outcome
A-SUBMITTED	30 000	112	1	A-SUBMITTED	17 353	112	1
A-PARTLYSUBMITTED	30 000	112	1	A-PARTLYSUBMITTED	13 680	112	1
A-DECLINED	30 000	11003	1				1

Table 2: Shows a factual and the corresponding counterfactual generated.

Factual Activity	Amount	Resource	Outcome	Counterfactual Activity	Amount	Resource	Outcome
A-SUBMITTED	1 000	112	1	A-SUBMITTED	14 187	112	0
A-PARTLYSUBMITTED	1 000	112	1	A-PARTLYSUBMITTED	24 493	112	0
A-PREACCEPTED	1 000	112	1	A-PREACCEPTED	11 032	10912	0
W-Completeren aanvraag	1 000	11009	1	W-Afhandelen leads	28 069	10228	0
W-Completeren aanvraag	1 000	10982	1	W-Completeren aanvraag	33 204	11000	0
W-Completeren aanvraag	1 000	UNKNOWN	1	W-Nabellen offertes	-7 701		0
W-Completeren aanvraag	1 000	11169	1				0
W-Completeren aanvraag	1 000	UNKNOWN	1				0
W-Completeren aanvraag	1 000	10863	1				0
W-Completeren aanvraag	1 000	10910	1				0
A-CANCELLED	1 000	10932	1				0

Table 3: Shows a factual and the corresponding counterfactual generated.

Factual Activity	Amount	Resource	Outcome	Counterfactual Activity	Amount	Resource	Outcome
A-SUBMITTED	10 000	112	0	A-SUBMITTED	14 220	112	1
A-PARTLYSUBMITTED	10 000	112	0	A-PARTLYSUBMITTED	14 210	112	1
A-PREACCEPTED	10 000	112	0				1
A-ACCEPTED	10 000	10809	0				1
O-SELECTED	10 000	10809	0				1
A-FINALIZED	10 000	10809	0				1
O-CREATED	10 000	10809	0				1
O-SENT	10 000	10809	0				1
W-Completeren aanvraag	10 000	10809	0				1
O-SENT-BACK	10 000	10809	0				1
W-Nabellen offertes	10 000	10809	0				1
O-ACCEPTED	10 000	10809	0				1
A-APPROVED	10 000	10809	0				1
A-ACTIVATED	10 000	10809	0				1
A-REGISTERED	10 000	10809	0				1

Here, in this concrete example, we can see the bias of the viability measure. The best counterfactual is the shortest possible. We also see, that the counterfactual amount is smaller than the factual amount. The counterfactual resource is the same as the factual. Furthermore, the model now predicts the opposite outcome, of what it would have predicted beforehand.

Table 4: Shows a factual and the corresponding counterfactual generated.

Factual Activity	Amount	Resource	Outcome	Counterfactual Activity	Amount	Resource	Outcome
A-SUBMITTED	36 000	112	0	A-SUBMITTED	13 365	112	1
A-PARTLYSUBMITTED	36 000	112	0	A-PARTLYSUBMITTED	11 153	112	1
A-PREACCEPTED	36 000	112	0				1
W-Completeren aanvraag	36 000	10910	0				1
A-ACCEPTED	36 000	10910	0				1
O-SELECTED	36 000	10910	0				1
A-FINALIZED	36 000	10910	0				1
O-CREATED	36 000	10910	0				1
O-SENT	36 000	10910	0				1
W-Completeren aanvraag	36 000	10910	0				1
W-Nabellen offertes	36 000	10910	0				1
W-Nabellen offertes	36 000	UNKNOWN	0				1
O-SENT-BACK	36 000	11049	0				1
W-Nabellen offertes	36 000	11049	0				1
W-Valideren aanvraag	36 000	10972	0				1
A-REGISTERED	36 000	10972	0				1
O-ACCEPTED	36 000	10972	0				1
A-APPROVED	36 000	10972	0				1
A-ACTIVATED	36 000	10972	0				1