**Window size:500**

**Step size: 200**

**Mount windows: 9**

**Columns used: ["Kidhome","Income","Year\_Birth"**

**,"Education","Marital\_Status","Response","Teenhome"]**

**Row: 0.5**

**Min Confidence: 0.2**

**min support: 0.2**

BEFORE:

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**loss 1: 1055 loss 2 : 2102**

**AFTER SUPPRESSION:**

[{Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 0}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}]

**BEFORE:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Kidhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 1}, {Marital\_Status: Married} -> {Education: Graduation}, {Education: Graduation} -> {Marital\_Status: Married}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Teenhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 0}, {Teenhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 1}, {Marital\_Status: Married} -> {Kidhome: 0}, {Kidhome: 0} -> {Marital\_Status: Married}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Together}, {Marital\_Status: Together} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}, {Kidhome: 0, Response: 0} -> {Education: Graduation}, {Education: Graduation, Response: 0} -> {Kidhome: 0}, {Education: Graduation, Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Education: Graduation, Kidhome: 0}, {Kidhome: 0} -> {Education: Graduation, Response: 0}, {Education: Graduation} -> {Kidhome: 0, Response: 0}, {Response: 0, Teenhome: 0} -> {Education: Graduation}, {Education: Graduation, Teenhome: 0} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 0}, {Education: Graduation} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Education: Graduation}, {Education: Graduation, Teenhome: 1} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 1}, {Education: Graduation} -> {Response: 0, Teenhome: 1}, {Marital\_Status: Married, Response: 0} -> {Kidhome: 0}, {Kidhome: 0, Response: 0} -> {Marital\_Status: Married}, {Kidhome: 0, Marital\_Status: Married} -> {Response: 0}, {Response: 0} -> {Kidhome: 0, Marital\_Status: Married}, {Marital\_Status: Married} -> {Kidhome: 0, Response: 0}, {Kidhome: 0} -> {Marital\_Status: Married, Response: 0}, {Response: 0, Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 0} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 0}, {Kidhome: 0} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 1} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 1}, {Kidhome: 0} -> {Response: 0, Teenhome: 1}]

**loss 1: 942 loss 2 : 3275**

**AFTER SUPPRESSION**:

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}]

**BEFORE:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Kidhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 1}, {Marital\_Status: Married} -> {Education: Graduation}, {Education: Graduation} -> {Marital\_Status: Married}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Teenhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 0}, {Teenhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 1}, {Marital\_Status: Married} -> {Kidhome: 0}, {Kidhome: 0} -> {Marital\_Status: Married}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Together}, {Marital\_Status: Together} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}, {Kidhome: 0, Response: 0} -> {Education: Graduation}, {Education: Graduation, Response: 0} -> {Kidhome: 0}, {Education: Graduation, Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Education: Graduation, Kidhome: 0}, {Kidhome: 0} -> {Education: Graduation, Response: 0}, {Education: Graduation} -> {Kidhome: 0, Response: 0}, {Response: 0, Teenhome: 0} -> {Education: Graduation}, {Education: Graduation, Teenhome: 0} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 0}, {Education: Graduation} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Education: Graduation}, {Education: Graduation, Teenhome: 1} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 1}, {Education: Graduation} -> {Response: 0, Teenhome: 1}, {Response: 0, Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 0} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 0}, {Kidhome: 0} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 1} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 1}, {Kidhome: 0} -> {Response: 0, Teenhome: 1}]

**loss 1: 976 loss 2 : 3286**

**AFTER SUPPRESSION:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}]

**BEFORE:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Kidhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 1}, {Marital\_Status: Married} -> {Education: Graduation}, {Education: Graduation} -> {Marital\_Status: Married}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Teenhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 0}, {Teenhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 1}, {Marital\_Status: Married} -> {Kidhome: 0}, {Kidhome: 0} -> {Marital\_Status: Married}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Teenhome: 0}, {Teenhome: 1} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Teenhome: 1}, {Response: 0} -> {Marital\_Status: Together}, {Marital\_Status: Together} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}, {Kidhome: 0, Response: 0} -> {Education: Graduation}, {Education: Graduation, Response: 0} -> {Kidhome: 0}, {Education: Graduation, Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Education: Graduation, Kidhome: 0}, {Kidhome: 0} -> {Education: Graduation, Response: 0}, {Education: Graduation} -> {Kidhome: 0, Response: 0}, {Response: 0, Teenhome: 1} -> {Education: Graduation}, {Education: Graduation, Teenhome: 1} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 1}, {Education: Graduation} -> {Response: 0, Teenhome: 1}, {Marital\_Status: Married, Response: 0} -> {Kidhome: 0}, {Kidhome: 0, Response: 0} -> {Marital\_Status: Married}, {Kidhome: 0, Marital\_Status: Married} -> {Response: 0}, {Response: 0} -> {Kidhome: 0, Marital\_Status: Married}, {Marital\_Status: Married} -> {Kidhome: 0, Response: 0}, {Kidhome: 0} -> {Marital\_Status: Married, Response: 0}, {Response: 0, Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 1} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 1}, {Kidhome: 0} -> {Response: 0, Teenhome: 1}, {Response: 0, Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1, Teenhome: 0} -> {Response: 0}, {Kidhome: 1, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 1, Response: 0}, {Response: 0} -> {Kidhome: 1, Teenhome: 0}, {Kidhome: 1} -> {Response: 0, Teenhome: 0}]

**loss 1: 971 loss 2 : 2571**

**AFTER SUPPRESSION:**

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**loss 1: 1010 loss 2 : 1993**

**AFTER SUPPRESSION:**

[{Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}]

**BEFORE:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Kidhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 1}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Teenhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 0}, {Teenhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 1}, {Response: 0} -> {Education: PhD}, {Education: PhD} -> {Response: 0}, {Marital\_Status: Married} -> {Kidhome: 0}, {Kidhome: 0} -> {Marital\_Status: Married}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Together}, {Marital\_Status: Together} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}, {Kidhome: 0, Response: 0} -> {Education: Graduation}, {Education: Graduation, Response: 0} -> {Kidhome: 0}, {Education: Graduation, Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Education: Graduation, Kidhome: 0}, {Kidhome: 0} -> {Education: Graduation, Response: 0}, {Education: Graduation} -> {Kidhome: 0, Response: 0}, {Response: 0, Teenhome: 0} -> {Education: Graduation}, {Education: Graduation, Teenhome: 0} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 0}, {Education: Graduation} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Education: Graduation}, {Education: Graduation, Teenhome: 1} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 1}, {Education: Graduation} -> {Response: 0, Teenhome: 1}, {Marital\_Status: Married, Response: 0} -> {Kidhome: 0}, {Kidhome: 0, Response: 0} -> {Marital\_Status: Married}, {Kidhome: 0, Marital\_Status: Married} -> {Response: 0}, {Response: 0} -> {Kidhome: 0, Marital\_Status: Married}, {Marital\_Status: Married} -> {Kidhome: 0, Response: 0}, {Kidhome: 0} -> {Marital\_Status: Married, Response: 0}, {Response: 0, Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 0} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 0}, {Kidhome: 0} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 1} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 1}, {Kidhome: 0} -> {Response: 0, Teenhome: 1}]

**loss 1: 996 loss 2 : 2505**

**AFTER SUPPRESSION:**

[{Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}]

**BEFORE:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Teenhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 0}, {Teenhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 1}, {Response: 0} -> {Education: PhD}, {Education: PhD} -> {Response: 0}, {Marital\_Status: Married} -> {Kidhome: 0}, {Kidhome: 0} -> {Marital\_Status: Married}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Together}, {Marital\_Status: Together} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}, {Kidhome: 0, Response: 0} -> {Education: Graduation}, {Education: Graduation, Response: 0} -> {Kidhome: 0}, {Education: Graduation, Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Education: Graduation, Kidhome: 0}, {Kidhome: 0} -> {Education: Graduation, Response: 0}, {Education: Graduation} -> {Kidhome: 0, Response: 0}, {Response: 0, Teenhome: 0} -> {Education: Graduation}, {Education: Graduation, Teenhome: 0} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 0}, {Education: Graduation} -> {Response: 0, Teenhome: 0}, {Marital\_Status: Married, Response: 0} -> {Kidhome: 0}, {Kidhome: 0, Response: 0} -> {Marital\_Status: Married}, {Kidhome: 0, Marital\_Status: Married} -> {Response: 0}, {Response: 0} -> {Kidhome: 0, Marital\_Status: Married}, {Marital\_Status: Married} -> {Kidhome: 0, Response: 0}, {Kidhome: 0} -> {Marital\_Status: Married, Response: 0}, {Response: 0, Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 0} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 0}, {Kidhome: 0} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 1} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 1}, {Kidhome: 0} -> {Response: 0, Teenhome: 1}]

**loss 1: 920 loss 2 : 2379**

**AFTER SUPPRESSION:**

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**BEFORE:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Teenhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 0}, {Teenhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Together}, {Marital\_Status: Together} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}, {Kidhome: 0, Response: 0} -> {Education: Graduation}, {Education: Graduation, Response: 0} -> {Kidhome: 0}, {Education: Graduation, Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Education: Graduation, Kidhome: 0}, {Kidhome: 0} -> {Education: Graduation, Response: 0}, {Education: Graduation} -> {Kidhome: 0, Response: 0}, {Response: 0, Teenhome: 0} -> {Education: Graduation}, {Education: Graduation, Teenhome: 0} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 0}, {Education: Graduation} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 0} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 0}, {Kidhome: 0} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 1} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 1}, {Kidhome: 0} -> {Response: 0, Teenhome: 1}, {Response: 0, Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1, Teenhome: 0} -> {Response: 0}, {Kidhome: 1, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 1, Response: 0}, {Response: 0} -> {Kidhome: 1, Teenhome: 0}, {Kidhome: 1} -> {Response: 0, Teenhome: 0}]

**loss 1: 942 loss 2 : 2452**

**AFTER SUPPRESSION:**

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**BEFORE:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Teenhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 0}, {Teenhome: 1} -> {Education: Graduation}, {Education: Graduation} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0} -> {Teenhome: 1}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Teenhome: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Together}, {Marital\_Status: Together} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}, {Kidhome: 0, Response: 0} -> {Education: Graduation}, {Education: Graduation, Response: 0} -> {Kidhome: 0}, {Education: Graduation, Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Education: Graduation, Kidhome: 0}, {Kidhome: 0} -> {Education: Graduation, Response: 0}, {Education: Graduation} -> {Kidhome: 0, Response: 0}, {Response: 0, Teenhome: 0} -> {Education: Graduation}, {Education: Graduation, Teenhome: 0} -> {Response: 0}, {Education: Graduation, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Education: Graduation, Response: 0}, {Response: 0} -> {Education: Graduation, Teenhome: 0}, {Education: Graduation} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 0} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 0} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 0}, {Kidhome: 0} -> {Response: 0, Teenhome: 0}, {Response: 0, Teenhome: 1} -> {Kidhome: 0}, {Kidhome: 0, Teenhome: 1} -> {Response: 0}, {Kidhome: 0, Response: 0} -> {Teenhome: 1}, {Teenhome: 1} -> {Kidhome: 0, Response: 0}, {Response: 0} -> {Kidhome: 0, Teenhome: 1}, {Kidhome: 0} -> {Response: 0, Teenhome: 1}, {Response: 0, Teenhome: 0} -> {Kidhome: 1}, {Kidhome: 1, Teenhome: 0} -> {Response: 0}, {Kidhome: 1, Response: 0} -> {Teenhome: 0}, {Teenhome: 0} -> {Kidhome: 1, Response: 0}, {Response: 0} -> {Kidhome: 1, Teenhome: 0}, {Kidhome: 1} -> {Response: 0, Teenhome: 0}]

**loss 1: 904 loss 2 : 2139**

**AFTER SUPPRESSION:**

[{Kidhome: 0} -> {Education: Graduation}, {Education: Graduation} -> {Kidhome: 0}, {Response: 0} -> {Education: Graduation}, {Education: Graduation} -> {Response: 0}, {Response: 0} -> {Kidhome: 0}, {Kidhome: 0} -> {Response: 0}, {Response: 0} -> {Kidhome: 1}, {Kidhome: 1} -> {Response: 0}, {Response: 0} -> {Marital\_Status: Married}, {Marital\_Status: Married} -> {Response: 0}, {Teenhome: 0} -> {Response: 0}, {Response: 0} -> {Teenhome: 0}, {Teenhome: 1} -> {Response: 0}, {Response: 0} -> {Teenhome: 1}]