**Metrics for net Petrinet**

**Density metric**

0.02759967942296133

**Details**

|F| = 551

|P X T| = 9982

**Extended Cardoso metric**

285.0

**Details**

Place ([START+complete],[01\_HOOFD\_010+complete]) = 1

Place ([02\_DRZ\_010+complete],[04\_BPT\_005+complete]) = 1

Place ([01\_HOOFD\_510\_3+complete],[01\_HOOFD\_515+complete]) = 1

Place ([01\_HOOFD\_500+complete],[01\_HOOFD\_510\_0+complete]) = 1

Place ([01\_HOOFD\_510\_4+complete],[01\_HOOFD\_515+complete]) = 1

Place ([01\_HOOFD\_490\_4+complete],[01\_HOOFD\_490\_5a+complete]) = 1

Place ([01\_HOOFD\_500+complete],[01\_HOOFD\_510\_1+complete]) = 1

Place ([01\_HOOFD\_490\_4+complete],[01\_HOOFD\_491+complete]) = 1

Place ([01\_HOOFD\_491+complete],[01\_HOOFD\_494a+complete]) = 1

Place ([01\_HOOFD\_430+complete],[01\_HOOFD\_480+complete]) = 1

Place ([01\_HOOFD\_490\_1a+complete],[01\_HOOFD\_490\_2+complete]) = 1

Place ([01\_HOOFD\_375+complete],[01\_HOOFD\_380+complete]) = 1

Place ([01\_HOOFD\_370+complete],[01\_HOOFD\_375+complete]) = 1

Place ([01\_HOOFD\_250+complete],[01\_HOOFD\_260+complete]) = 1

Place ([01\_HOOFD\_330+complete],[01\_HOOFD\_370+complete]) = 1

Place ([01\_HOOFD\_195+complete],[01\_HOOFD\_200+complete]) = 1

Place ([01\_HOOFD\_195+complete],[01\_HOOFD\_196+complete]) = 1

Place ([01\_HOOFD\_250\_1+complete],[01\_HOOFD\_250\_2+complete]) = 1

Place ([01\_HOOFD\_061+complete],[01\_HOOFD\_065\_0+complete]) = 1

Place ([01\_HOOFD\_040+complete],[01\_HOOFD\_060+complete]) = 1

Place ([13\_CRD\_010+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_490\_1a+complete]) = 2

Place ([13\_CRD\_010+complete],[01\_HOOFD\_490\_5+complete, 01\_HOOFD\_490\_1a+complete]) = 2

Place ([01\_HOOFD\_015+complete],[01\_HOOFD\_020+complete]) = 1

Place ([01\_HOOFD\_065\_0+complete],[01\_HOOFD\_110\_0+complete]) = 1

Place ([11\_AH\_II\_010+complete],[01\_HOOFD\_480+complete, 13\_CRD\_010+complete]) = 2

Place ([11\_AH\_II\_010+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_480+complete]) = 2

Place ([05\_EIND\_010+complete],[06\_VD\_010+complete, 01\_HOOFD\_030\_1+complete]) = 2

Place ([05\_EIND\_010+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_120+complete]) = 2

Place ([03\_GBH\_005+complete],[05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete]) = 2

Place ([05\_EIND\_010+complete],[01\_HOOFD\_110+complete, 01\_HOOFD\_030\_1+complete]) = 2

Place ([04\_BPT\_005+complete],[01\_HOOFD\_065\_0+complete, 01\_HOOFD\_180+complete]) = 2

Place ([05\_EIND\_010+complete],[01\_HOOFD\_120+complete, 01\_HOOFD\_030\_1+complete]) = 2

Place ([01\_HOOFD\_495+complete, 01\_HOOFD\_510\_0+complete],[01\_HOOFD\_510\_1+complete]) = 1

Place ([01\_HOOFD\_495+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_500+complete]) = 1

Place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_510\_3+complete]) = 1

Place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_510\_2a+complete, END+complete]) = 2

Place ([01\_HOOFD\_520+complete],[01\_HOOFD\_490\_3+complete, END+complete]) = 2

Place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_520+complete, 01\_HOOFD\_510\_3+complete]) = 2

Place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_510\_3+complete, END+complete]) = 2

Place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_520+complete, 01\_HOOFD\_510\_2a+complete]) = 2

Place ([01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete, 01\_HOOFD\_510\_3+complete]) = 2

Place ([01\_HOOFD\_490\_2+complete, 01\_HOOFD\_510\_0+complete],[01\_HOOFD\_510\_1+complete]) = 1

Place ([01\_HOOFD\_490\_3+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_510\_2+complete]) = 2

Place ([01\_HOOFD\_490\_5+complete, 01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_5a+complete]) = 1

Place ([01\_HOOFD\_490\_1+complete],[01\_HOOFD\_490\_2+complete, 13\_CRD\_010+complete]) = 2

Place ([01\_HOOFD\_490\_5+complete],[01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_510\_2+complete]) = 2

Place ([01\_HOOFD\_490\_1+complete],[01\_HOOFD\_490\_3+complete, 13\_CRD\_010+complete]) = 2

Place ([01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_510\_3+complete]) = 2

Place ([01\_HOOFD\_490\_5a+complete],[01\_HOOFD\_491+complete, 01\_HOOFD\_510\_2a+complete]) = 2

Place ([11\_AH\_II\_010+complete, 01\_HOOFD\_470+complete],[01\_HOOFD\_480+complete]) = 1

Place ([01\_HOOFD\_260+complete, 08\_AWB45\_005+complete],[09\_AH\_I\_010+complete]) = 1

Place ([01\_HOOFD\_380+complete],[01\_HOOFD\_490\_1+complete, 01\_HOOFD\_430+complete]) = 2

Place ([01\_HOOFD\_180+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_195+complete]) = 2

Place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_490\_2+complete],[01\_HOOFD\_500+complete]) = 1

Place ([01\_HOOFD\_490\_4+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete]) = 1

Place ([01\_HOOFD\_330+complete, 08\_AWB45\_005+complete],[09\_AH\_I\_010+complete]) = 1

Place ([01\_HOOFD\_380+complete, 01\_HOOFD\_480+complete],[01\_HOOFD\_490\_1+complete]) = 1

Place ([01\_HOOFD\_110+complete],[01\_HOOFD\_050+complete, 01\_HOOFD\_120+complete]) = 2

Place ([01\_HOOFD\_196+complete, 01\_HOOFD\_180+complete],[01\_HOOFD\_200+complete]) = 1

Place ([01\_HOOFD\_430+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_470+complete]) = 2

Place ([01\_HOOFD\_180+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_200+complete]) = 2

Place ([01\_HOOFD\_180+complete],[02\_DRZ\_010+complete, 08\_AWB45\_005+complete]) = 2

Place ([01\_HOOFD\_065\_1+complete],[06\_VD\_010+complete, 01\_HOOFD\_180+complete]) = 2

Place ([01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete, 01\_HOOFD\_100+complete]) = 2

Place ([01\_HOOFD\_330+complete],[01\_HOOFD\_375+complete, 09\_AH\_I\_010+complete]) = 2

Place ([01\_HOOFD\_050+complete, 03\_GBH\_005+complete],[05\_EIND\_010+complete]) = 1

Place ([01\_HOOFD\_060+complete, 04\_BPT\_005+complete],[01\_HOOFD\_065\_1+complete]) = 1

Place ([01\_HOOFD\_050+complete],[05\_EIND\_010+complete, 04\_BPT\_005+complete]) = 2

Place ([01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete, 01\_HOOFD\_110+complete]) = 2

Place ([05\_EIND\_010+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_110+complete]) = 1

Place ([06\_VD\_010+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_100+complete]) = 1

Place ([01\_HOOFD\_030\_1+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_100+complete]) = 1

Place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_515+complete],[01\_HOOFD\_510\_2+complete]) = 1

Place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_110\_0+complete],[02\_DRZ\_010+complete]) = 1

Place ([01\_HOOFD\_050+complete],[05\_EIND\_010+complete, 01\_HOOFD\_065\_1+complete]) = 2

Place ([02\_DRZ\_010+complete, 01\_HOOFD\_100+complete],[01\_HOOFD\_050+complete]) = 1

Place ([01\_HOOFD\_015+complete, 01\_HOOFD\_030\_1+complete],[03\_GBH\_005+complete]) = 1

Place ([05\_EIND\_010+complete, 01\_HOOFD\_020+complete],[01\_HOOFD\_030\_1+complete]) = 1

Place ([01\_HOOFD\_100+complete],[01\_HOOFD\_050+complete, 01\_HOOFD\_490\_3+complete]) = 2

Place ([09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete, END+complete, 01\_HOOFD\_370+complete]) = 3

Place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_030\_2+complete, 01\_HOOFD\_100+complete]) = 2

Place ([01\_HOOFD\_010+complete],[01\_HOOFD\_011+complete, 01\_HOOFD\_030\_2+complete]) = 2

Place ([08\_AWB45\_005+complete],[01\_HOOFD\_196+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_250\_1+complete]) = 3

Place ([01\_HOOFD\_010+complete],[01\_HOOFD\_065\_2+complete, 01\_HOOFD\_015+complete]) = 2

Place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_040+complete]) = 1

Place ([08\_AWB45\_005+complete],[01\_HOOFD\_196+complete, 01\_HOOFD\_250\_1+complete, END+complete]) = 3

Place ([06\_VD\_010+complete],[01\_HOOFD\_100+complete, 01\_HOOFD\_120+complete, 01\_HOOFD\_250+complete]) = 3

Place ([04\_BPT\_005+complete],[01\_HOOFD\_065\_0+complete, 08\_AWB45\_005+complete, 01\_HOOFD\_065\_1+complete]) = 3

Place ([04\_BPT\_005+complete],[01\_HOOFD\_110\_0+complete, 08\_AWB45\_005+complete, 01\_HOOFD\_065\_1+complete]) = 3

Place ([01\_HOOFD\_515+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_490\_5+complete, END+complete]) = 3

Place ([01\_HOOFD\_515+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_490\_5+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete, 01\_HOOFD\_510\_2a+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_510\_2a+complete, 13\_CRD\_010+complete],[01\_HOOFD\_490\_4+complete]) = 1

Place ([01\_HOOFD\_515+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_510\_2+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_490\_5+complete, 01\_HOOFD\_490\_2+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete]) = 1

Place ([01\_HOOFD\_515+complete, 13\_CRD\_010+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete]) = 1

Place ([11\_AH\_II\_010+complete, 01\_HOOFD\_490\_3+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_490\_4+complete]) = 1

Place ([01\_HOOFD\_515+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete, 08\_AWB45\_005+complete]) = 2

Place ([01\_HOOFD\_515+complete, 09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete, END+complete]) = 2

Place ([01\_HOOFD\_011+complete, 01\_HOOFD\_030\_2+complete],[01\_HOOFD\_015+complete]) = 1

Place ([01\_HOOFD\_490\_2+complete, 01\_HOOFD\_510\_2a+complete, 13\_CRD\_010+complete],[01\_HOOFD\_490\_4+complete]) = 1

Place ([01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_510\_1+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_510\_2a+complete]) = 1

Place ([01\_HOOFD\_010+complete, 03\_GBH\_005+complete],[01\_HOOFD\_030\_2+complete]) = 1

Place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_500+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_510\_1+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_490\_1+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_1a+complete]) = 3

Place ([01\_HOOFD\_200+complete],[06\_VD\_010+complete, 01\_HOOFD\_330+complete, 01\_HOOFD\_250\_1+complete]) = 3

Place ([01\_HOOFD\_200+complete],[06\_VD\_010+complete, 01\_HOOFD\_330+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_200+complete, 01\_HOOFD\_250\_2+complete, 01\_HOOFD\_260+complete],[01\_HOOFD\_330+complete]) = 1

Place ([01\_HOOFD\_490\_2+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete, 08\_AWB45\_005+complete]) = 2

Place ([01\_HOOFD\_490\_1+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_100+complete],[01\_HOOFD\_490\_3+complete]) = 1

Place ([01\_HOOFD\_520+complete, 01\_HOOFD\_100+complete, 01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete]) = 1

Place ([01\_HOOFD\_200+complete, 05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete]) = 1

Place ([01\_HOOFD\_200+complete],[01\_HOOFD\_330+complete, 01\_HOOFD\_250\_1+complete, 01\_HOOFD\_250+complete]) = 3

Place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete]) = 1

Place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_2+complete, 08\_AWB45\_005+complete],[END+complete]) = 1

Place ([01\_HOOFD\_030\_2+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_510\_2+complete],[END+complete]) = 1

Place ([01\_HOOFD\_520+complete, 01\_HOOFD\_030\_2+complete, 08\_AWB45\_005+complete],[END+complete]) = 1

Place ([01\_HOOFD\_100+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_490\_3+complete, 01\_HOOFD\_110+complete]) = 3

Place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_1+complete, 08\_AWB45\_005+complete],[END+complete]) = 1

Place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete]) = 1

Place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5+complete],[01\_HOOFD\_495+complete, 01\_HOOFD\_510\_2+complete]) = 2

Place ([01\_HOOFD\_490\_4+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete]) = 1

Place ([01\_HOOFD\_065\_0+complete, 01\_HOOFD\_180+complete, 01\_HOOFD\_030\_2+complete],[02\_DRZ\_010+complete]) = 1

Place ([01\_HOOFD\_200+complete, 05\_EIND\_010+complete, 01\_HOOFD\_065\_1+complete],[06\_VD\_010+complete]) = 1

Place ([01\_HOOFD\_200+complete],[01\_HOOFD\_330+complete, 01\_HOOFD\_250+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_065\_2+complete, 01\_HOOFD\_120+complete, 04\_BPT\_005+complete],[01\_HOOFD\_180+complete]) = 1

Place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_491+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete]) = 1

Place ([01\_HOOFD\_110\_0+complete, 01\_HOOFD\_120+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete]) = 1

Place ([05\_EIND\_010+complete, 01\_HOOFD\_100+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_110+complete]) = 2

Place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_040+complete, 03\_GBH\_005+complete]) = 3

Place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_065\_2+complete, 03\_GBH\_005+complete]) = 3

Place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_100+complete, 03\_GBH\_005+complete]) = 3

Place ([01\_HOOFD\_040+complete, 02\_DRZ\_010+complete, 01\_HOOFD\_110+complete],[01\_HOOFD\_050+complete]) = 1

Place ([01\_HOOFD\_065\_2+complete, 01\_HOOFD\_110\_0+complete, 01\_HOOFD\_120+complete],[01\_HOOFD\_180+complete]) = 1

Place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_500+complete, 08\_AWB45\_005+complete]) = 4

Place ([01\_HOOFD\_490\_1+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_430+complete, 09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete]) = 1

Place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_491+complete, 08\_AWB45\_005+complete]) = 4

Place ([01\_HOOFD\_180+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_490\_2+complete, 01\_HOOFD\_494a+complete],[08\_AWB45\_005+complete]) = 1

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_510\_3+complete, END+complete]) = 4

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_510\_3+complete]) = 4

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_510\_4+complete]) = 4

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, END+complete, 01\_HOOFD\_510\_4+complete]) = 4

Place ([01\_HOOFD\_515+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_030\_2+complete, 09\_AH\_I\_010+complete],[END+complete]) = 1

Place ([01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete, 01\_HOOFD\_040+complete, 01\_HOOFD\_011+complete, 01\_HOOFD\_180+complete]) = 4

Place ([05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete, 01\_HOOFD\_040+complete]) = 2

Place ([01\_HOOFD\_065\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_011+complete, 01\_HOOFD\_180+complete, 01\_HOOFD\_110+complete]) = 4

Place ([05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_110+complete]) = 2

Place ([01\_HOOFD\_030\_2+complete],[01\_HOOFD\_040+complete, 02\_DRZ\_010+complete, 01\_HOOFD\_015+complete, END+complete]) = 4

Place ([05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete, 01\_HOOFD\_065\_2+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete]) = 1

Place ([01\_HOOFD\_200+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_490\_2+complete, 04\_BPT\_005+complete, 01\_HOOFD\_494a+complete],[08\_AWB45\_005+complete]) = 1

Place ([05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete, 01\_HOOFD\_100+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete]) = 1

Place ([01\_HOOFD\_515+complete, 01\_HOOFD\_030\_2+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_510\_1+complete],[END+complete]) = 1

Place ([01\_HOOFD\_030\_2+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_040+complete, 01\_HOOFD\_015+complete, END+complete]) = 4

Place ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_065\_2+complete]) = 1

Place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_510\_1+complete, 08\_AWB45\_005+complete]) = 4

Place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_510\_1+complete, 01\_HOOFD\_491+complete, 08\_AWB45\_005+complete]) = 4

Place ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_030\_2+complete, 01\_HOOFD\_065\_2+complete]) = 2

Place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, END+complete]) = 2

Place Start = 1

Place End = 0

Metric = 285

**Extended Cyclomatic metric**

2.0

**Details**

|E| = 2

|V| = 3

p = 3

**Number of arcs**

551.0

**Details**

**Number of places**

161.0

**Details**

**Number of transitions**

62.0

**Details**

**Structuredness metric**

9179100.0

**Details**

SEQUENCE ([START+complete],[01\_HOOFD\_010+complete])

Removed place ([START+complete],[01\_HOOFD\_010+complete])

Added arc from START+complete to ([01\_HOOFD\_010+complete],[01\_HOOFD\_065\_2+complete, 01\_HOOFD\_015+complete])

Added arc from START+complete to ([01\_HOOFD\_010+complete],[01\_HOOFD\_011+complete, 01\_HOOFD\_030\_2+complete])

Added arc from START+complete to ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_065\_2+complete])

Added arc from START+complete to ([01\_HOOFD\_010+complete, 03\_GBH\_005+complete],[01\_HOOFD\_030\_2+complete])

Added arc from START+complete to ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_030\_2+complete, 01\_HOOFD\_065\_2+complete])

Removed transition 01\_HOOFD\_010+complete

Sum = 2.0

Metric = 2.0

SEQUENCE ([01\_HOOFD\_375+complete],[01\_HOOFD\_380+complete])

Removed place ([01\_HOOFD\_375+complete],[01\_HOOFD\_380+complete])

Added arc from 01\_HOOFD\_375+complete to ([01\_HOOFD\_380+complete, 01\_HOOFD\_480+complete],[01\_HOOFD\_490\_1+complete])

Added arc from 01\_HOOFD\_375+complete to ([01\_HOOFD\_380+complete],[01\_HOOFD\_490\_1+complete, 01\_HOOFD\_430+complete])

Removed transition 01\_HOOFD\_380+complete

Sum = 2.0

Metric = 2.0

SEQUENCE ([01\_HOOFD\_250+complete],[01\_HOOFD\_260+complete])

Removed place ([01\_HOOFD\_250+complete],[01\_HOOFD\_260+complete])

Added arc from 01\_HOOFD\_250+complete to ([01\_HOOFD\_260+complete, 08\_AWB45\_005+complete],[09\_AH\_I\_010+complete])

Added arc from 01\_HOOFD\_250+complete to ([01\_HOOFD\_200+complete, 01\_HOOFD\_250\_2+complete, 01\_HOOFD\_260+complete],[01\_HOOFD\_330+complete])

Removed transition 01\_HOOFD\_260+complete

Sum = 2.0

Metric = 2.0

SEQUENCE ([01\_HOOFD\_250\_1+complete],[01\_HOOFD\_250\_2+complete])

Removed place ([01\_HOOFD\_250\_1+complete],[01\_HOOFD\_250\_2+complete])

Added arc from 01\_HOOFD\_250\_1+complete to ([01\_HOOFD\_200+complete, 01\_HOOFD\_250\_2+complete, 01\_HOOFD\_260+complete],[01\_HOOFD\_330+complete])

Removed transition 01\_HOOFD\_250\_2+complete

Sum = 2.0

Metric = 2.0

UNSTRUCTURED Start -> End

In place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete])

Out transition 01\_HOOFD\_030\_1+complete

In transition 01\_HOOFD\_030\_1+complete

Out transition 01\_HOOFD\_490\_5a+complete

In transition 01\_HOOFD\_490\_5a+complete

Out transition 01\_HOOFD\_200+complete

In transition 01\_HOOFD\_200+complete

Out place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_100+complete, 03\_GBH\_005+complete])

Out place ([01\_HOOFD\_065\_1+complete],[06\_VD\_010+complete, 01\_HOOFD\_180+complete])

Out transition 13\_CRD\_010+complete

In transition 13\_CRD\_010+complete

In place ([01\_HOOFD\_065\_0+complete, 01\_HOOFD\_180+complete, 01\_HOOFD\_030\_2+complete],[02\_DRZ\_010+complete])

Out transition 01\_HOOFD\_510\_2a+complete

In transition 01\_HOOFD\_510\_2a+complete

Out place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, END+complete, 01\_HOOFD\_510\_4+complete])

Out place ([05\_EIND\_010+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_120+complete])

Out place ([01\_HOOFD\_330+complete],[01\_HOOFD\_375+complete, 09\_AH\_I\_010+complete])

In place ([05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete, 01\_HOOFD\_100+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete])

In place ([01\_HOOFD\_110\_0+complete, 01\_HOOFD\_120+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete])

Out place ([01\_HOOFD\_490\_5+complete],[01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_510\_2+complete])

Out place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_500+complete, 08\_AWB45\_005+complete])

In transition 01\_HOOFD\_061+complete

In transition 01\_HOOFD\_011+complete

In place ([01\_HOOFD\_011+complete, 01\_HOOFD\_030\_2+complete],[01\_HOOFD\_015+complete])

Out place ([11\_AH\_II\_010+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_480+complete])

Out place ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_030\_2+complete, 01\_HOOFD\_065\_2+complete])

In place ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_030\_2+complete, 01\_HOOFD\_065\_2+complete])

In place ([01\_HOOFD\_200+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_490\_2+complete, 04\_BPT\_005+complete, 01\_HOOFD\_494a+complete],[08\_AWB45\_005+complete])

In place ([01\_HOOFD\_200+complete, 05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete])

In place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete])

Out place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, END+complete])

In place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, END+complete])

Out place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_520+complete, 01\_HOOFD\_510\_2a+complete])

In place ([01\_HOOFD\_060+complete, 04\_BPT\_005+complete],[01\_HOOFD\_065\_1+complete])

Out place ([04\_BPT\_005+complete],[01\_HOOFD\_110\_0+complete, 08\_AWB45\_005+complete, 01\_HOOFD\_065\_1+complete])

Out place ([13\_CRD\_010+complete],[01\_HOOFD\_490\_5+complete, 01\_HOOFD\_490\_1a+complete])

In place ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_065\_2+complete])

In place ([01\_HOOFD\_490\_1+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_100+complete],[01\_HOOFD\_490\_3+complete])

Out place ([01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete, 01\_HOOFD\_100+complete])

Out place ([01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete, 01\_HOOFD\_510\_3+complete])

Out transition 01\_HOOFD\_110+complete

In transition 01\_HOOFD\_110+complete

Out transition 09\_AH\_I\_010+complete

In transition 09\_AH\_I\_010+complete

Out transition 01\_HOOFD\_250+complete

In transition 01\_HOOFD\_250+complete

Out place ([01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete, 01\_HOOFD\_110+complete])

Out place ([01\_HOOFD\_110+complete],[01\_HOOFD\_050+complete, 01\_HOOFD\_120+complete])

Out place ([01\_HOOFD\_490\_1+complete],[01\_HOOFD\_490\_3+complete, 13\_CRD\_010+complete])

In transition 01\_HOOFD\_510\_3+complete

Out place ([01\_HOOFD\_490\_1+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_1a+complete])

In place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_491+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete])

Out place ([01\_HOOFD\_490\_2+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete, 08\_AWB45\_005+complete])

In place ([01\_HOOFD\_490\_2+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete, 08\_AWB45\_005+complete])

Out place ([01\_HOOFD\_100+complete],[01\_HOOFD\_050+complete, 01\_HOOFD\_490\_3+complete])

In place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_510\_3+complete])

Out place ([01\_HOOFD\_515+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_510\_2+complete, 08\_AWB45\_005+complete])

Out transition 01\_HOOFD\_520+complete

In transition 01\_HOOFD\_520+complete

Out place ([01\_HOOFD\_200+complete],[06\_VD\_010+complete, 01\_HOOFD\_330+complete, 01\_HOOFD\_250\_1+complete])

Out transition 01\_HOOFD\_050+complete

In transition 01\_HOOFD\_050+complete

Out transition 01\_HOOFD\_495+complete

In transition 01\_HOOFD\_495+complete

In place ([11\_AH\_II\_010+complete, 01\_HOOFD\_490\_3+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_490\_4+complete])

Out place ([01\_HOOFD\_515+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete, 08\_AWB45\_005+complete])

In place ([01\_HOOFD\_515+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete, 08\_AWB45\_005+complete])

Out transition 01\_HOOFD\_195+complete

Out transition 01\_HOOFD\_500+complete

In transition 01\_HOOFD\_500+complete

Out transition 01\_HOOFD\_515+complete

In transition 01\_HOOFD\_515+complete

In place ([01\_HOOFD\_200+complete, 01\_HOOFD\_250\_2+complete, 01\_HOOFD\_260+complete],[01\_HOOFD\_330+complete])

Out transition 01\_HOOFD\_490\_5+complete

In transition 01\_HOOFD\_490\_5+complete

Out place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_510\_1+complete, 08\_AWB45\_005+complete])

In place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_515+complete],[01\_HOOFD\_510\_2+complete])

Out place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_510\_3+complete, END+complete])

In place ([01\_HOOFD\_515+complete, 13\_CRD\_010+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete])

In transition 01\_HOOFD\_480+complete

Out transition 01\_HOOFD\_494a+complete

Out transition 01\_HOOFD\_110\_0+complete

In transition 01\_HOOFD\_110\_0+complete

In place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_2+complete, 08\_AWB45\_005+complete],[END+complete])

Out transition 01\_HOOFD\_491+complete

In transition 01\_HOOFD\_491+complete

Out transition 08\_AWB45\_005+complete

In transition 08\_AWB45\_005+complete

Out transition 01\_HOOFD\_490\_4+complete

In transition 01\_HOOFD\_490\_4+complete

In place ([01\_HOOFD\_490\_5+complete, 01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_5a+complete])

In place ([01\_HOOFD\_065\_2+complete, 01\_HOOFD\_110\_0+complete, 01\_HOOFD\_120+complete],[01\_HOOFD\_180+complete])

Out place ([01\_HOOFD\_065\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_011+complete, 01\_HOOFD\_180+complete, 01\_HOOFD\_110+complete])

In place ([01\_HOOFD\_200+complete, 05\_EIND\_010+complete, 01\_HOOFD\_065\_1+complete],[06\_VD\_010+complete])

In place ([01\_HOOFD\_520+complete, 01\_HOOFD\_030\_2+complete, 08\_AWB45\_005+complete],[END+complete])

Out place ([01\_HOOFD\_515+complete, 09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete, END+complete])

In place ([01\_HOOFD\_515+complete, 09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete, END+complete])

Out place ([01\_HOOFD\_200+complete],[01\_HOOFD\_330+complete, 01\_HOOFD\_250+complete, 08\_AWB45\_005+complete])

Out place ([01\_HOOFD\_380+complete],[01\_HOOFD\_490\_1+complete, 01\_HOOFD\_430+complete])

In place ([01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_510\_1+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_510\_2a+complete])

In place ([05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete, 01\_HOOFD\_065\_2+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete])

Out place ([05\_EIND\_010+complete],[01\_HOOFD\_120+complete, 01\_HOOFD\_030\_1+complete])

Out place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_030\_2+complete, 01\_HOOFD\_100+complete])

Out place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_520+complete, 01\_HOOFD\_510\_3+complete])

In place ([05\_EIND\_010+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_110+complete])

Out place ([05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete, 01\_HOOFD\_040+complete])

In place ([05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete, 01\_HOOFD\_040+complete])

In place ([01\_HOOFD\_050+complete, 03\_GBH\_005+complete],[05\_EIND\_010+complete])

Out place ([01\_HOOFD\_180+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_195+complete])

Out place ([08\_AWB45\_005+complete],[01\_HOOFD\_196+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_250\_1+complete])

Out place ([13\_CRD\_010+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_490\_1a+complete])

In place ([01\_HOOFD\_490\_2+complete, 01\_HOOFD\_510\_0+complete],[01\_HOOFD\_510\_1+complete])

Out place ([01\_HOOFD\_010+complete],[01\_HOOFD\_011+complete, 01\_HOOFD\_030\_2+complete])

In place ([01\_HOOFD\_495+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_500+complete])

In transition 01\_HOOFD\_250\_1+complete

Out place ([01\_HOOFD\_050+complete],[05\_EIND\_010+complete, 04\_BPT\_005+complete])

Out place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_500+complete, 08\_AWB45\_005+complete])

In place ([01\_HOOFD\_520+complete, 01\_HOOFD\_100+complete, 01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete])

In place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_110\_0+complete],[02\_DRZ\_010+complete])

Out transition 01\_HOOFD\_015+complete

In transition 01\_HOOFD\_015+complete

In place ([05\_EIND\_010+complete, 01\_HOOFD\_020+complete],[01\_HOOFD\_030\_1+complete])

Out place ([01\_HOOFD\_050+complete],[05\_EIND\_010+complete, 01\_HOOFD\_065\_1+complete])

In place ([01\_HOOFD\_490\_1+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_430+complete, 09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete])

Out transition 01\_HOOFD\_065\_1+complete

In transition 01\_HOOFD\_065\_1+complete

In place ([01\_HOOFD\_515+complete, 01\_HOOFD\_030\_2+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_510\_1+complete],[END+complete])

Out transition 01\_HOOFD\_490\_2+complete

In transition 01\_HOOFD\_490\_2+complete

Out place ([01\_HOOFD\_430+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_470+complete])

Out place ([01\_HOOFD\_030\_2+complete],[01\_HOOFD\_040+complete, 02\_DRZ\_010+complete, 01\_HOOFD\_015+complete, END+complete])

Out transition 01\_HOOFD\_510\_0+complete

In place ([11\_AH\_II\_010+complete, 01\_HOOFD\_470+complete],[01\_HOOFD\_480+complete])

In transition 01\_HOOFD\_490\_1a+complete

In place ([01\_HOOFD\_490\_4+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete])

In place ([01\_HOOFD\_015+complete, 01\_HOOFD\_030\_1+complete],[03\_GBH\_005+complete])

In place ([01\_HOOFD\_040+complete, 02\_DRZ\_010+complete, 01\_HOOFD\_110+complete],[01\_HOOFD\_050+complete])

Out transition 04\_BPT\_005+complete

In transition 04\_BPT\_005+complete

Out place ([01\_HOOFD\_515+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_490\_5+complete, 08\_AWB45\_005+complete])

In place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_510\_2a+complete, 13\_CRD\_010+complete],[01\_HOOFD\_490\_4+complete])

Out transition 05\_EIND\_010+complete

In transition 05\_EIND\_010+complete

In place ([01\_HOOFD\_196+complete, 01\_HOOFD\_180+complete],[01\_HOOFD\_200+complete])

Out place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_510\_1+complete, 08\_AWB45\_005+complete])

In place ([01\_HOOFD\_380+complete, 01\_HOOFD\_480+complete],[01\_HOOFD\_490\_1+complete])

In place ([01\_HOOFD\_010+complete, 03\_GBH\_005+complete],[01\_HOOFD\_030\_2+complete])

Out place ([03\_GBH\_005+complete],[05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete])

Out place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_510\_4+complete])

Out place ([01\_HOOFD\_030\_2+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_040+complete, 01\_HOOFD\_015+complete, END+complete])

Out place ([01\_HOOFD\_180+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_200+complete])

Out place ([04\_BPT\_005+complete],[01\_HOOFD\_065\_0+complete, 01\_HOOFD\_180+complete])

In place ([06\_VD\_010+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_100+complete])

Out place ([01\_HOOFD\_490\_1+complete],[01\_HOOFD\_490\_2+complete, 13\_CRD\_010+complete])

Out transition 01\_HOOFD\_030\_2+complete

In transition 01\_HOOFD\_030\_2+complete

Out place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5+complete],[01\_HOOFD\_495+complete, 01\_HOOFD\_510\_2+complete])

In place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5+complete],[01\_HOOFD\_495+complete, 01\_HOOFD\_510\_2+complete])

In place ([01\_HOOFD\_490\_4+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete])

Out place ([06\_VD\_010+complete],[01\_HOOFD\_100+complete, 01\_HOOFD\_120+complete, 01\_HOOFD\_250+complete])

Out place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_510\_2a+complete, END+complete])

Out transition 02\_DRZ\_010+complete

In transition 02\_DRZ\_010+complete

Out place ([08\_AWB45\_005+complete],[01\_HOOFD\_196+complete, 01\_HOOFD\_250\_1+complete, END+complete])

Out transition 01\_HOOFD\_510\_1+complete

In transition 01\_HOOFD\_510\_1+complete

Out place ([01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete, 01\_HOOFD\_040+complete, 01\_HOOFD\_011+complete, 01\_HOOFD\_180+complete])

In place ([01\_HOOFD\_495+complete, 01\_HOOFD\_510\_0+complete],[01\_HOOFD\_510\_1+complete])

Out transition 06\_VD\_010+complete

In transition 06\_VD\_010+complete

In place ([01\_HOOFD\_030\_1+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_100+complete])

Out transition 01\_HOOFD\_180+complete

In transition 01\_HOOFD\_180+complete

Out transition 01\_HOOFD\_375+complete

In transition 01\_HOOFD\_375+complete

Out place ([11\_AH\_II\_010+complete],[01\_HOOFD\_480+complete, 13\_CRD\_010+complete])

Out transition 01\_HOOFD\_330+complete

In transition 01\_HOOFD\_330+complete

Out place ([05\_EIND\_010+complete],[06\_VD\_010+complete, 01\_HOOFD\_030\_1+complete])

Out place ([01\_HOOFD\_100+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_490\_3+complete, 01\_HOOFD\_110+complete])

Out place ([05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_110+complete])

In place ([05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_110+complete])

In place ([01\_HOOFD\_490\_2+complete, 01\_HOOFD\_510\_2a+complete, 13\_CRD\_010+complete],[01\_HOOFD\_490\_4+complete])

Out place ([01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_510\_3+complete])

Out place ([01\_HOOFD\_180+complete],[02\_DRZ\_010+complete, 08\_AWB45\_005+complete])

In place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_040+complete])

Out place ([01\_HOOFD\_200+complete],[06\_VD\_010+complete, 01\_HOOFD\_330+complete, 08\_AWB45\_005+complete])

In place ([02\_DRZ\_010+complete, 01\_HOOFD\_100+complete],[01\_HOOFD\_050+complete])

Out place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_510\_1+complete, 01\_HOOFD\_491+complete, 08\_AWB45\_005+complete])

Out place ([01\_HOOFD\_490\_3+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_510\_2+complete])

In transition 01\_HOOFD\_370+complete

Out place ([01\_HOOFD\_520+complete],[01\_HOOFD\_490\_3+complete, END+complete])

In place ([01\_HOOFD\_515+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_030\_2+complete, 09\_AH\_I\_010+complete],[END+complete])

Out place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_491+complete, 08\_AWB45\_005+complete])

In place ([01\_HOOFD\_260+complete, 08\_AWB45\_005+complete],[09\_AH\_I\_010+complete])

Out transition 03\_GBH\_005+complete

In transition 03\_GBH\_005+complete

Out place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_510\_3+complete, END+complete])

Out transition 01\_HOOFD\_040+complete

In transition 01\_HOOFD\_040+complete

Out place ([01\_HOOFD\_200+complete],[01\_HOOFD\_330+complete, 01\_HOOFD\_250\_1+complete, 01\_HOOFD\_250+complete])

Out transition 01\_HOOFD\_120+complete

In transition 01\_HOOFD\_120+complete

In place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_490\_2+complete],[01\_HOOFD\_500+complete])

In transition 01\_HOOFD\_510\_4+complete

In place ([01\_HOOFD\_330+complete, 08\_AWB45\_005+complete],[09\_AH\_I\_010+complete])

Out place ([09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete, END+complete, 01\_HOOFD\_370+complete])

In place ([01\_HOOFD\_180+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_490\_2+complete, 01\_HOOFD\_494a+complete],[08\_AWB45\_005+complete])

Out place ([01\_HOOFD\_010+complete],[01\_HOOFD\_065\_2+complete, 01\_HOOFD\_015+complete])

Out place ([01\_HOOFD\_490\_5a+complete],[01\_HOOFD\_491+complete, 01\_HOOFD\_510\_2a+complete])

Out place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_065\_2+complete, 03\_GBH\_005+complete])

In place ([01\_HOOFD\_030\_2+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_510\_2+complete],[END+complete])

Out transition 01\_HOOFD\_510\_2+complete

In transition 01\_HOOFD\_510\_2+complete

Out place ([05\_EIND\_010+complete],[01\_HOOFD\_110+complete, 01\_HOOFD\_030\_1+complete])

Out place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_040+complete, 03\_GBH\_005+complete])

Out place ([01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete, 01\_HOOFD\_510\_2a+complete, 08\_AWB45\_005+complete])

Out transition START+complete

In place ([01\_HOOFD\_065\_2+complete, 01\_HOOFD\_120+complete, 04\_BPT\_005+complete],[01\_HOOFD\_180+complete])

Out place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_510\_3+complete])

Out transition 01\_HOOFD\_490\_3+complete

In transition 01\_HOOFD\_490\_3+complete

Out transition 11\_AH\_II\_010+complete

In transition 11\_AH\_II\_010+complete

In transition END+complete

Out transition 01\_HOOFD\_100+complete

In transition 01\_HOOFD\_100+complete

Out transition 01\_HOOFD\_490\_1+complete

In transition 01\_HOOFD\_490\_1+complete

In place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_1+complete, 08\_AWB45\_005+complete],[END+complete])

In place ([01\_HOOFD\_490\_5+complete, 01\_HOOFD\_490\_2+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete])

Out transition 01\_HOOFD\_065\_2+complete

In transition 01\_HOOFD\_065\_2+complete

Out transition 01\_HOOFD\_065\_0+complete

In transition 01\_HOOFD\_065\_0+complete

Out transition 01\_HOOFD\_430+complete

Out place ([05\_EIND\_010+complete, 01\_HOOFD\_100+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_110+complete])

In place ([05\_EIND\_010+complete, 01\_HOOFD\_100+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_110+complete])

In transition 01\_HOOFD\_196+complete

Out place ([04\_BPT\_005+complete],[01\_HOOFD\_065\_0+complete, 08\_AWB45\_005+complete, 01\_HOOFD\_065\_1+complete])

Out place ([01\_HOOFD\_515+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_490\_5+complete, END+complete])

|F| = 543

|P U T| = 215

Sum = 101990.0

DiffP = 15

DiffT = 6

Added arc from START+complete to End

Removed place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete])

Removed transition 01\_HOOFD\_020+complete

Removed transition 01\_HOOFD\_030\_1+complete

Removed transition 01\_HOOFD\_490\_5a+complete

Removed transition 01\_HOOFD\_200+complete

Removed place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_100+complete, 03\_GBH\_005+complete])

Removed place ([01\_HOOFD\_065\_1+complete],[06\_VD\_010+complete, 01\_HOOFD\_180+complete])

Removed transition 13\_CRD\_010+complete

Removed place ([01\_HOOFD\_065\_0+complete, 01\_HOOFD\_180+complete, 01\_HOOFD\_030\_2+complete],[02\_DRZ\_010+complete])

Removed transition 01\_HOOFD\_510\_2a+complete

Removed place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, END+complete, 01\_HOOFD\_510\_4+complete])

Removed place ([05\_EIND\_010+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_120+complete])

Removed place ([01\_HOOFD\_330+complete],[01\_HOOFD\_375+complete, 09\_AH\_I\_010+complete])

Removed place ([05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete, 01\_HOOFD\_100+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete])

Removed place ([01\_HOOFD\_490\_4+complete],[01\_HOOFD\_491+complete])

Removed place ([01\_HOOFD\_110\_0+complete, 01\_HOOFD\_120+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete])

Removed place ([01\_HOOFD\_490\_5+complete],[01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_510\_2+complete])

Removed place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_500+complete, 08\_AWB45\_005+complete])

Removed transition 01\_HOOFD\_061+complete

Removed transition 01\_HOOFD\_011+complete

Removed place ([01\_HOOFD\_011+complete, 01\_HOOFD\_030\_2+complete],[01\_HOOFD\_015+complete])

Removed place ([11\_AH\_II\_010+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_480+complete])

Removed place ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_030\_2+complete, 01\_HOOFD\_065\_2+complete])

Removed place ([01\_HOOFD\_200+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_490\_2+complete, 04\_BPT\_005+complete, 01\_HOOFD\_494a+complete],[08\_AWB45\_005+complete])

Removed place ([01\_HOOFD\_200+complete, 05\_EIND\_010+complete, 01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete])

Removed place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete])

Removed place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, END+complete])

Removed place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_520+complete, 01\_HOOFD\_510\_2a+complete])

Removed place ([01\_HOOFD\_060+complete, 04\_BPT\_005+complete],[01\_HOOFD\_065\_1+complete])

Removed place ([04\_BPT\_005+complete],[01\_HOOFD\_110\_0+complete, 08\_AWB45\_005+complete, 01\_HOOFD\_065\_1+complete])

Removed place ([13\_CRD\_010+complete],[01\_HOOFD\_490\_5+complete, 01\_HOOFD\_490\_1a+complete])

Removed place ([01\_HOOFD\_010+complete, 01\_HOOFD\_030\_1+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_065\_2+complete])

Removed place ([01\_HOOFD\_490\_1+complete, 01\_HOOFD\_520+complete, 01\_HOOFD\_100+complete],[01\_HOOFD\_490\_3+complete])

Removed place ([01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete, 01\_HOOFD\_100+complete])

Removed place ([01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_495+complete, 01\_HOOFD\_510\_3+complete])

Removed transition 01\_HOOFD\_110+complete

Removed transition 09\_AH\_I\_010+complete

Removed transition 01\_HOOFD\_250+complete

Removed place ([01\_HOOFD\_065\_1+complete],[01\_HOOFD\_180+complete, 01\_HOOFD\_110+complete])

Removed place ([01\_HOOFD\_110+complete],[01\_HOOFD\_050+complete, 01\_HOOFD\_120+complete])

Removed place ([01\_HOOFD\_490\_1+complete],[01\_HOOFD\_490\_3+complete, 13\_CRD\_010+complete])

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Removed place ([01\_HOOFD\_490\_1+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_490\_3+complete, 01\_HOOFD\_490\_1a+complete])

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Removed place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_510\_3+complete])

Removed place ([01\_HOOFD\_515+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_510\_2+complete, 08\_AWB45\_005+complete])

Removed transition 01\_HOOFD\_520+complete

Removed place ([01\_HOOFD\_200+complete],[06\_VD\_010+complete, 01\_HOOFD\_330+complete, 01\_HOOFD\_250\_1+complete])

Removed transition 01\_HOOFD\_050+complete

Removed transition 01\_HOOFD\_495+complete

Removed place ([11\_AH\_II\_010+complete, 01\_HOOFD\_490\_3+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_490\_4+complete])

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Removed transition 01\_HOOFD\_515+complete

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Removed place ([01\_HOOFD\_195+complete],[01\_HOOFD\_196+complete])

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Removed place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_510\_1+complete, 08\_AWB45\_005+complete])

Removed place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_515+complete],[01\_HOOFD\_510\_2+complete])

Removed place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_040+complete, 01\_HOOFD\_500+complete, 01\_HOOFD\_510\_3+complete, END+complete])

Removed place ([01\_HOOFD\_515+complete, 13\_CRD\_010+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete])

Removed place ([01\_HOOFD\_510\_3+complete],[01\_HOOFD\_515+complete])

Removed transition 01\_HOOFD\_480+complete

Removed transition 01\_HOOFD\_494a+complete

Removed transition 01\_HOOFD\_110\_0+complete

Removed place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_2+complete, 08\_AWB45\_005+complete],[END+complete])

Removed transition 01\_HOOFD\_491+complete

Removed transition 08\_AWB45\_005+complete

Removed transition 01\_HOOFD\_490\_4+complete

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Removed place ([01\_HOOFD\_515+complete, 09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete, END+complete])

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Removed place ([01\_HOOFD\_380+complete],[01\_HOOFD\_490\_1+complete, 01\_HOOFD\_430+complete])

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Removed place ([01\_HOOFD\_180+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_195+complete])

Removed place ([08\_AWB45\_005+complete],[01\_HOOFD\_196+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_250\_1+complete])

Removed place ([01\_HOOFD\_015+complete],[01\_HOOFD\_020+complete])

Removed place ([13\_CRD\_010+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_490\_1a+complete])

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Removed place ([01\_HOOFD\_495+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_500+complete])

Removed transition 01\_HOOFD\_250\_1+complete

Removed place ([01\_HOOFD\_065\_0+complete],[01\_HOOFD\_110\_0+complete])

Removed place ([01\_HOOFD\_050+complete],[05\_EIND\_010+complete, 04\_BPT\_005+complete])

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Removed place ([05\_EIND\_010+complete, 01\_HOOFD\_020+complete],[01\_HOOFD\_030\_1+complete])

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Removed place ([01\_HOOFD\_515+complete, 01\_HOOFD\_030\_2+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_510\_1+complete],[END+complete])

Removed transition 01\_HOOFD\_490\_2+complete

Removed transition 01\_HOOFD\_470+complete

Removed place ([01\_HOOFD\_430+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_470+complete])

Removed place ([01\_HOOFD\_030\_2+complete],[01\_HOOFD\_040+complete, 02\_DRZ\_010+complete, 01\_HOOFD\_015+complete, END+complete])

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Removed place ([11\_AH\_II\_010+complete, 01\_HOOFD\_470+complete],[01\_HOOFD\_480+complete])

Removed transition 01\_HOOFD\_490\_1a+complete

Removed place ([01\_HOOFD\_490\_4+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete])

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Removed place ([01\_HOOFD\_515+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_490\_5+complete, 08\_AWB45\_005+complete])

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Removed place ([01\_HOOFD\_010+complete, 03\_GBH\_005+complete],[01\_HOOFD\_030\_2+complete])

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Removed place ([01\_HOOFD\_030\_2+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_040+complete, 01\_HOOFD\_015+complete, END+complete])

Removed place ([01\_HOOFD\_180+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_200+complete])

Removed place ([04\_BPT\_005+complete],[01\_HOOFD\_065\_0+complete, 01\_HOOFD\_180+complete])

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Removed place ([01\_HOOFD\_490\_4+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_495+complete])

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Removed place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_510\_2a+complete, END+complete])

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Removed transition 02\_DRZ\_010+complete

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Removed place ([01\_HOOFD\_040+complete],[01\_HOOFD\_060+complete])

Removed place ([08\_AWB45\_005+complete],[01\_HOOFD\_196+complete, 01\_HOOFD\_250\_1+complete, END+complete])

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Removed place ([01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete, 01\_HOOFD\_040+complete, 01\_HOOFD\_011+complete, 01\_HOOFD\_180+complete])

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Removed place ([01\_HOOFD\_200+complete],[06\_VD\_010+complete, 01\_HOOFD\_330+complete, 08\_AWB45\_005+complete])

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Removed transition 01\_HOOFD\_060+complete

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Removed place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_510\_3+complete, END+complete])

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Removed place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_490\_2+complete],[01\_HOOFD\_500+complete])

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Removed transition 11\_AH\_II\_010+complete

Removed transition END+complete

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Removed transition 01\_HOOFD\_065\_0+complete

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Metric = 9179100.0