**Metrics for net Petrinet**

**Density metric**

0.019302708364506958

**Details**

|F| = 516

|P X T| = 13366

**Extended Cardoso metric**

258.0

**Details**

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

Place ([05\_EIND\_010+complete],[16\_LGSV\_010+complete]) = 1

Place ([04\_BPT\_020+complete],[04\_BPT\_030+complete]) = 1

Place ([04\_BPT\_010+complete],[04\_BPT\_020+complete]) = 1

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

Place ([01\_HOOFD\_814+complete],[01\_HOOFD\_815+complete]) = 1

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

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

Place ([01\_HOOFD\_520+complete],[01\_HOOFD\_530+complete]) = 1

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

Place ([01\_HOOFD\_510\_1+complete],[01\_HOOFD\_510\_3+complete]) = 1

Place ([01\_HOOFD\_510\_3+complete],[01\_HOOFD\_510\_4+complete]) = 1

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

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

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

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

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

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

Place ([01\_HOOFD\_430+complete],[11\_AH\_II\_010+complete]) = 1

Place ([01\_HOOFD\_490\_1+complete],[01\_HOOFD\_490\_1a+complete]) = 1

Place ([01\_HOOFD\_490\_5+complete],[01\_HOOFD\_490\_5a+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\_270+complete],[01\_HOOFD\_250+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\_380+complete],[01\_HOOFD\_430+complete]) = 1

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

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

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

Place ([01\_HOOFD\_180+complete],[01\_HOOFD\_195+complete]) = 1

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

Place ([01\_HOOFD\_110\_1+complete],[01\_HOOFD\_110\_2+complete]) = 1

Place ([01\_HOOFD\_110+complete],[01\_HOOFD\_120+complete]) = 1

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

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

Place ([09\_AH\_I\_010+complete],[11\_AH\_II\_010+complete, 01\_HOOFD\_370+complete]) = 2

Place ([16\_LGSD\_010+complete],[01\_HOOFD\_510\_1+complete, 01\_HOOFD\_490\_5+complete]) = 2

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

Place ([03\_GBH\_005+complete],[04\_BPT\_005+complete, 16\_LGSV\_010+complete]) = 2

Place ([01\_HOOFD\_820+complete],[16\_LGSD\_010+complete, 01\_BB\_770+complete]) = 2

Place ([01\_HOOFD\_820+complete],[16\_LGSD\_010+complete, END+complete]) = 2

Place ([02\_DRZ\_010+complete],[01\_HOOFD\_061+complete, 03\_GBH\_005+complete]) = 2

Place ([13\_CRD\_010+complete],[01\_HOOFD\_490\_1+complete, 01\_HOOFD\_490\_5+complete]) = 2

Place ([01\_HOOFD\_811+complete, 01\_HOOFD\_810+complete],[01\_HOOFD\_814+complete]) = 1

Place ([04\_BPT\_030+complete],[01\_HOOFD\_065\_0+complete, 01\_HOOFD\_065\_1+complete]) = 2

Place ([06\_VD\_010+complete],[01\_HOOFD\_110+complete, 01\_HOOFD\_195+complete]) = 2

Place ([01\_BB\_540+complete],[01\_BB\_775+complete]) = 1

Place ([01\_HOOFD\_510\_2a+complete],[01\_BB\_540+complete, 01\_HOOFD\_510\_3+complete]) = 2

Place ([01\_HOOFD\_820+complete, 01\_HOOFD\_510\_2+complete],[01\_BB\_770+complete]) = 1

Place ([01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_510\_3+complete, 01\_HOOFD\_810+complete]) = 2

Place ([01\_HOOFD\_815+complete, 01\_HOOFD\_810+complete],[01\_HOOFD\_820+complete]) = 1

Place ([01\_HOOFD\_490\_5a+complete],[01\_HOOFD\_510\_2+complete, 01\_HOOFD\_491+complete]) = 2

Place ([01\_HOOFD\_495+complete, 16\_LGSD\_010+complete],[01\_HOOFD\_510\_1+complete]) = 1

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

Place ([01\_HOOFD\_510\_1+complete, 01\_HOOFD\_490\_5+complete],[01\_HOOFD\_510\_2+complete]) = 1

Place ([01\_HOOFD\_490\_5a+complete],[01\_HOOFD\_495+complete, 01\_HOOFD\_510\_2+complete]) = 2

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

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

Place ([01\_HOOFD\_480+complete, 13\_CRD\_010+complete],[01\_HOOFD\_490\_1+complete]) = 1

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

Place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_510\_0+complete],[01\_HOOFD\_510\_1+complete]) = 1

Place ([01\_HOOFD\_490\_3+complete, 16\_LGSD\_010+complete],[01\_HOOFD\_510\_1+complete]) = 1

Place ([01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_490\_2+complete],[01\_HOOFD\_491+complete]) = 1

Place ([01\_HOOFD\_510\_2+complete, 01\_HOOFD\_530+complete],[01\_BB\_540+complete]) = 1

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

Place ([01\_HOOFD\_490\_3+complete, 01\_HOOFD\_500+complete],[01\_HOOFD\_510\_1+complete]) = 1

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

Place ([11\_AH\_II\_010+complete, 01\_HOOFD\_490\_1+complete],[01\_HOOFD\_490\_2+complete]) = 1

Place ([01\_HOOFD\_430+complete],[09\_AH\_I\_010+complete, 01\_HOOFD\_480+complete]) = 2

Place ([01\_HOOFD\_180+complete],[06\_VD\_010+complete, 08\_AWB45\_005+complete]) = 2

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

Place ([11\_AH\_II\_010+complete, 01\_HOOFD\_490\_1a+complete],[01\_HOOFD\_490\_2+complete]) = 1

Place ([01\_HOOFD\_515+complete, 01\_HOOFD\_101b+complete],[01\_HOOFD\_809+complete]) = 1

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

Place ([01\_HOOFD\_200+complete],[01\_HOOFD\_250\_1+complete, 01\_HOOFD\_250+complete]) = 2

Place ([01\_HOOFD\_180+complete, 01\_HOOFD\_065\_2+complete],[06\_VD\_010+complete]) = 1

Place ([01\_HOOFD\_200+complete],[08\_AWB45\_005+complete, 01\_HOOFD\_270+complete]) = 2

Place ([01\_HOOFD\_200+complete],[01\_HOOFD\_250+complete, 08\_AWB45\_005+complete]) = 2

Place ([01\_HOOFD\_200+complete],[01\_HOOFD\_250\_1+complete, 01\_HOOFD\_270+complete]) = 2

Place ([01\_HOOFD\_065\_0+complete, 01\_HOOFD\_030\_1+complete],[02\_DRZ\_010+complete]) = 1

Place ([01\_HOOFD\_061+complete, 03\_GBH\_005+complete],[04\_BPT\_005+complete]) = 1

Place ([01\_HOOFD\_110\_0+complete],[01\_HOOFD\_110\_1+complete, 01\_HOOFD\_180+complete]) = 2

Place ([01\_HOOFD\_090+complete, 01\_HOOFD\_050+complete],[01\_HOOFD\_130+complete]) = 1

Place ([01\_HOOFD\_090+complete, 01\_HOOFD\_030\_1+complete],[02\_DRZ\_010+complete]) = 1

Place ([02\_DRZ\_010+complete, 01\_HOOFD\_020+complete],[03\_GBH\_005+complete]) = 1

Place ([01\_HOOFD\_061+complete, 04\_BPT\_030+complete],[01\_HOOFD\_065\_0+complete]) = 1

Place ([01\_HOOFD\_061+complete],[01\_HOOFD\_065\_0+complete, 04\_BPT\_005+complete]) = 2

Place ([01\_HOOFD\_050+complete, 04\_BPT\_030+complete],[01\_HOOFD\_065\_1+complete]) = 1

Place ([01\_HOOFD\_065\_0+complete, 01\_HOOFD\_065\_2+complete],[01\_HOOFD\_090+complete]) = 1

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

Place ([01\_HOOFD\_050+complete],[01\_HOOFD\_130+complete, 01\_HOOFD\_065\_1+complete]) = 2

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

Place ([01\_HOOFD\_065\_0+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_090+complete]) = 1

Place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_030\_2+complete]) = 2

Place ([01\_HOOFD\_020+complete],[03\_GBH\_005+complete, 01\_HOOFD\_030\_1+complete]) = 2

Place ([01\_HOOFD\_020+complete, 16\_LGSV\_010+complete],[01\_HOOFD\_030\_1+complete]) = 1

Place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_040+complete, 02\_DRZ\_010+complete]) = 2

Place ([01\_BB\_770+complete],[01\_BB\_775+complete, END+complete]) = 2

Place ([01\_HOOFD\_030\_1+complete],[01\_HOOFD\_061+complete, 01\_HOOFD\_040+complete]) = 2

Place ([06\_VD\_010+complete, 01\_HOOFD\_050+complete],[01\_HOOFD\_110+complete]) = 1

Place ([01\_HOOFD\_820+complete, 01\_BB\_540+complete],[01\_BB\_770+complete]) = 1

Place ([13\_CRD\_010+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_490\_1+complete, 16\_LGSD\_010+complete]) = 3

Place ([01\_HOOFD\_010+complete],[01\_HOOFD\_030\_2+complete, 01\_HOOFD\_015+complete]) = 2

Place ([01\_BB\_775+complete, 01\_HOOFD\_809+complete],[01\_HOOFD\_811+complete]) = 1

Place ([01\_BB\_775+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_810+complete]) = 1

Place ([01\_HOOFD\_010+complete, 01\_HOOFD\_065\_2+complete],[01\_HOOFD\_011+complete]) = 1

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

Place ([11\_AH\_II\_010+complete],[01\_HOOFD\_480+complete, 01\_HOOFD\_490\_2+complete, 13\_CRD\_010+complete]) = 3

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_520+complete, 01\_BB\_770+complete, 01\_HOOFD\_510\_3+complete]) = 3

Place ([01\_HOOFD\_810+complete],[01\_HOOFD\_814+complete, 01\_BB\_540+complete, END+complete]) = 3

Place ([01\_BB\_775+complete, 01\_HOOFD\_510\_2+complete],[01\_HOOFD\_810+complete]) = 1

Place ([01\_BB\_770+complete, 01\_HOOFD\_510\_2a+complete],[01\_HOOFD\_810+complete]) = 1

Place ([01\_HOOFD\_490\_5a+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_510\_1+complete],[01\_HOOFD\_510\_2+complete]) = 1

Place ([01\_HOOFD\_490\_4+complete, 16\_LGSD\_010+complete, 01\_HOOFD\_494a+complete],[01\_HOOFD\_490\_5+complete]) = 1

Place ([01\_HOOFD\_810+complete],[01\_HOOFD\_814+complete, 01\_HOOFD\_820+complete, 01\_BB\_540+complete]) = 3

Place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_3+complete, 01\_HOOFD\_491+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_380+complete, 01\_HOOFD\_330+complete, 08\_AWB45\_005+complete],[09\_AH\_I\_010+complete]) = 1

Place ([01\_HOOFD\_430+complete, 01\_HOOFD\_330+complete, 08\_AWB45\_005+complete],[09\_AH\_I\_010+complete]) = 1

Place ([01\_HOOFD\_515+complete, 01\_HOOFD\_530+complete, 01\_HOOFD\_510\_2a+complete],[01\_BB\_540+complete]) = 1

Place ([01\_HOOFD\_515+complete, 01\_HOOFD\_810+complete, 01\_HOOFD\_530+complete],[01\_BB\_540+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\_130+complete, 01\_HOOFD\_110\_0+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_110\_1+complete]) = 1

Place ([01\_HOOFD\_065\_2+complete, 01\_HOOFD\_130+complete],[01\_HOOFD\_110\_1+complete, 01\_HOOFD\_110+complete]) = 2

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

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

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

Place ([01\_HOOFD\_490\_2+complete],[01\_HOOFD\_490\_4+complete, 01\_HOOFD\_490\_3+complete, 08\_AWB45\_005+complete]) = 3

Place ([01\_HOOFD\_065\_2+complete, 01\_HOOFD\_130+complete, 01\_HOOFD\_110\_0+complete],[01\_HOOFD\_110\_1+complete]) = 1

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_520+complete, 01\_HOOFD\_510\_2a+complete, END+complete]) = 3

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

Place ([01\_HOOFD\_030\_2+complete, 01\_HOOFD\_810+complete, 08\_AWB45\_005+complete],[END+complete]) = 1

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_520+complete, 01\_BB\_770+complete, 01\_HOOFD\_510\_2a+complete]) = 3

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_520+complete, 01\_HOOFD\_510\_3+complete, 01\_HOOFD\_810+complete]) = 3

Place ([06\_VD\_010+complete, 01\_HOOFD\_130+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_110+complete]) = 1

Place ([01\_HOOFD\_060+complete, 04\_BPT\_005+complete, 04\_BPT\_030+complete],[01\_HOOFD\_065\_1+complete]) = 1

Place ([01\_HOOFD\_090+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_130+complete, 01\_HOOFD\_110\_0+complete]) = 3

Place ([01\_HOOFD\_130+complete, 01\_HOOFD\_065\_1+complete],[01\_HOOFD\_110\_1+complete, 01\_HOOFD\_110+complete]) = 2

Place ([01\_BB\_770+complete, 01\_HOOFD\_030\_2+complete, 08\_AWB45\_005+complete],[END+complete]) = 1

Place ([01\_HOOFD\_065\_1+complete],[01\_HOOFD\_090+complete, 01\_HOOFD\_110\_1+complete, 01\_HOOFD\_110+complete]) = 3

Place ([04\_BPT\_005+complete],[04\_BPT\_010+complete, 05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete, 01\_HOOFD\_065\_1+complete]) = 4

Place ([01\_HOOFD\_040+complete, 01\_HOOFD\_065\_2+complete, 04\_BPT\_005+complete],[01\_HOOFD\_050+complete]) = 1

Place ([01\_HOOFD\_060+complete, 04\_BPT\_005+complete],[04\_BPT\_010+complete, 01\_HOOFD\_065\_1+complete]) = 2

Place ([04\_BPT\_005+complete],[01\_HOOFD\_050+complete, 04\_BPT\_010+complete, 05\_EIND\_010+complete, 01\_HOOFD\_030\_2+complete]) = 4

Place ([01\_HOOFD\_515+complete],[16\_LGSD\_010+complete, 01\_BB\_540+complete, 01\_HOOFD\_809+complete, 08\_AWB45\_005+complete]) = 4

Place ([01\_HOOFD\_515+complete, 01\_HOOFD\_820+complete, 13\_CRD\_010+complete, 01\_HOOFD\_510\_0+complete],[16\_LGSD\_010+complete]) = 1

Place ([01\_HOOFD\_065\_0+complete, 01\_HOOFD\_030\_2+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_110\_0+complete]) = 2

Place ([08\_AWB45\_005+complete],[01\_HOOFD\_196+complete, 09\_AH\_I\_010+complete, 01\_HOOFD\_250\_1+complete, END+complete]) = 4

Place ([01\_HOOFD\_010+complete, 04\_BPT\_005+complete, 01\_HOOFD\_030\_1+complete],[01\_HOOFD\_030\_2+complete]) = 1

Place ([01\_HOOFD\_010+complete, 04\_BPT\_005+complete, 16\_LGSV\_010+complete],[01\_HOOFD\_030\_2+complete]) = 1

Place ([01\_HOOFD\_065\_2+complete],[01\_HOOFD\_090+complete, 01\_HOOFD\_110\_1+complete, 01\_HOOFD\_011+complete, 01\_HOOFD\_110+complete]) = 4

Place ([01\_HOOFD\_820+complete, 01\_HOOFD\_030\_2+complete, 01\_HOOFD\_510\_2+complete, 08\_AWB45\_005+complete],[END+complete]) = 1

Place ([01\_HOOFD\_515+complete],[01\_BB\_540+complete, 01\_HOOFD\_809+complete, 01\_HOOFD\_490\_5+complete, 08\_AWB45\_005+complete]) = 4

Place ([01\_HOOFD\_030\_2+complete],[01\_HOOFD\_040+complete, 02\_DRZ\_010+complete, 01\_HOOFD\_065\_2+complete, 01\_HOOFD\_110\_0+complete, END+complete]) = 5

Place ([01\_HOOFD\_515+complete],[16\_LGSD\_010+complete, 01\_HOOFD\_809+complete, 01\_HOOFD\_510\_2+complete, 08\_AWB45\_005+complete]) = 4

Place ([01\_HOOFD\_510\_2+complete],[01\_HOOFD\_520+complete, 01\_BB\_540+complete, 01\_HOOFD\_510\_3+complete, END+complete]) = 4

Place ([01\_BB\_775+complete],[01\_HOOFD\_811+complete, 01\_HOOFD\_810+complete, 01\_HOOFD\_101b+complete]) = 3

Place ([01\_HOOFD\_090+complete, 01\_HOOFD\_030\_2+complete],[02\_DRZ\_010+complete, 01\_HOOFD\_110\_0+complete]) = 2

Place ([01\_HOOFD\_500+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_820+complete, 13\_CRD\_010+complete],[16\_LGSD\_010+complete]) = 1

Place ([01\_HOOFD\_065\_2+complete],[01\_HOOFD\_090+complete, 06\_VD\_010+complete, 01\_HOOFD\_050+complete, 01\_HOOFD\_110\_1+complete, 01\_HOOFD\_011+complete]) = 5

Place ([01\_HOOFD\_180+complete, 01\_HOOFD\_200+complete, 01\_HOOFD\_515+complete, 01\_HOOFD\_490\_2+complete, 01\_HOOFD\_494a+complete],[08\_AWB45\_005+complete]) = 1

Place Start = 1

Place End = 0

Metric = 258

**Extended Cyclomatic metric**

5.0

**Details**

|E| = 5

|V| = 3

p = 3

**Number of arcs**

516.0

**Details**

**Number of places**

163.0

**Details**

**Number of transitions**

82.0

**Details**

**Structuredness metric**

-1.0

**Details**

Net is not a workflow net.