

[illegible]

Counting sum accuracy is **99.46%** 185.0/186.0.
Classification accuracy is **98.92%**.

2. tests/TestIntersections/Test10



[View of measuring point]

2.1 Ground truth

Direction	a1_rowery	b_moto	c1_coolbrow	d1_distancec	e_clearrow	f2_dr	g_autobusy	h_rabla	i1A_nash.przycapa	d1A_dest.przycapa	f1_ciszar.przycapa	l_konne	l1_glasny	z_pociagi	f3_dr.przycapa	d2_dest.bus	d2A_dest.bus.przycapa	a2_ute	l2_glasny.potraby	a3_hulajnogl	l3_glasny.usr	c3_mikrobuz	l_kamper
AD	0	1	20	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
AE	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
AF	0	0	10	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
BD	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	0	1	20	0	0	0	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
BH	0	0	26	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
CD	0	1	28	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CF	0	0	2	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CH	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
GD	0	0	20	0	0	0	8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
GE	0	0	5	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GH	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2.2 Results

Direction	a1_rowery	b_moto	c1_coolbrow	d1_distancec	e_clearrow	f2_dr	g_autobusy	h_rabla	i1A_nash.przycapa	d1A_dest.przycapa	f1_ciszar.przycapa	l_konne	l1_glasny	z_pociagi	f3_dr.przycapa	d2_dest.bus	d2A_dest.bus.przycapa	a2_ute	l2_glasny.potraby	a3_hulajnogl	l3_glasny.usr	c3_mikrobuz	l_kamper
AD	0	1	23	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
AE	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF	0	0	11	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BD	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	0	0	21	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BH	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
CD	0	0	29	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CF	0	0	2	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CH	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
GD	0	0	19	0	0	0	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
GE	0	0	4	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GH	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Row names not provided, using ['AD', 'AE', 'AF', 'BD', 'BE', 'BF', 'BH', 'CD', 'CF', 'CH', 'GD', 'GE', 'GH'] from Quantity.csv.

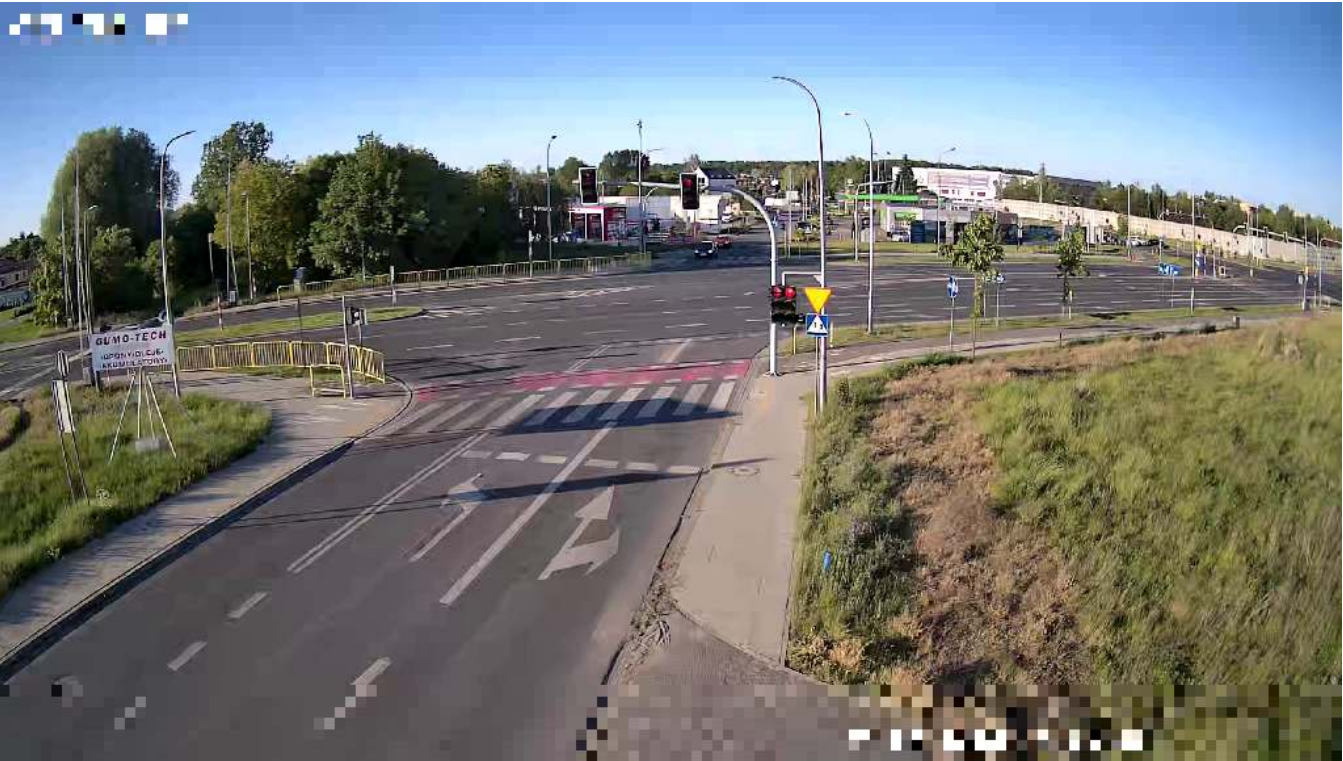
2.3 Confusion

	a1_rowery	b_moto	c1_coolbrow	d1_distancec	e_clearrow	f2_dr	g_autobusy	h_rabla	i1A_nash.przycapa	d1A_dest.przycapa	f1_ciszar.przycapa	l_konne	l1_glasny	z_pociagi	f3_dr.przycapa	d2_dest.bus	d2A_dest.bus.przycapa	a2_ute	l2_glasny.potraby	a3_hulajnogl	l3_glasny.usr	c3_mikrobuz	l_kamper
GT	0	3	227	1	0	0	30	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0

	a1.rowery	b.moto	c1.motobus	d1.dostawca	e.cieszarow	f2.str	g.autobusy	h.rolna	c1A.mosh.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.str.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pieszy.potrzebny	a3.hulajnog	l3.pieszy.umer	c3.mikrobus	e.kamper
TP	0	1	224	0	0	0	28	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
FP	0	0	8	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PN	0	2	3	1	0	0	2	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0

Counting sum accuracy is **97.84%** 272.0/278.0.
Classification accuracy is **94.24%**.

3. tests/TestIntersections/Test11



[View of measuring point]

3.1 Ground truth

Direction	a1.rowery	b.moto	c1.motobus	d1.dostawca	e.cieszarow	f2.str	g.autobusy	h.rolna	c1A.mosh.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.str.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pieszy.potrzebny	a3.hulajnog	l3.pieszy.umer	c3.mikrobus	e.kamper
AC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AD	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AG	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BC	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BD	0	0	69	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CG	0	0	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
EC	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EF	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EG	0	0	76	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.2 Results

Direction	a1.rowery	b.moto	c1.motobus	d1.dostawca	e.cieszarow	f2.str	g.autobusy	h.rolna	c1A.mosh.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.str.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pieszy.potrzebny	a3.hulajnog	l3.pieszy.umer	c3.mikrobus	e.kamper
AC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AD	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AG	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BC	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BD	0	0	67	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BF	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CF	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CG	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EC	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EF	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EG	0	0	65	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

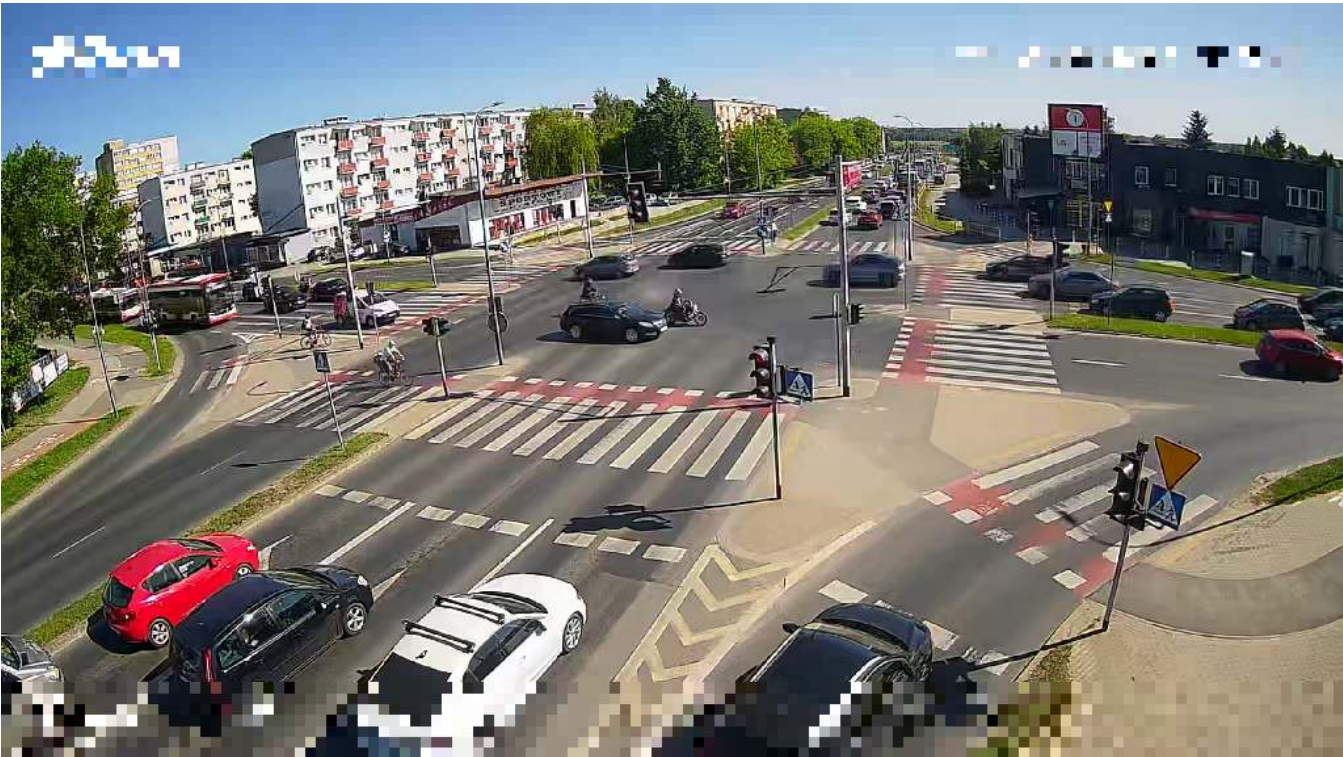
Row names not provided, using ['AC', 'AD', 'AG', 'BC', 'BD', 'BF', 'CD', 'CF', 'CG', 'EC', 'EF', 'EG'] from Quantity.csv.

3.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.ctr	g.autobusy	h.robine	c1A.aseb.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.ctr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ato	l2.pieszy.potrzebny	a3.hulajnogci	l2.pieszy.umar	c3.mikrobus	l.kamper
GT	0	0	168	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TP	0	0	155	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PP	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
PN	0	0	13	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Counting sum accuracy is **98.83%** 173.0/171.0.
Classification accuracy is **91.81%**.

4. tests/TestIntersections/Test12



[View of measuring point]

4.1 Ground truth

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.ctr	g.autobusy	h.robine	c1A.aseb.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.ctr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ato	l2.pieszy.potrzebny	a3.hulajnogci	l2.pieszy.umar	c3.mikrobus	l.kamper
AF	0	2	16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AG	0	0	26	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
AH	0	0	43	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BG	0	0	24	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
BH	2	1	95	0	1	2	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
CE	1	0	34	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
CF	0	1	17	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CH	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
DE	0	0	27	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0
DF	0	0	72	0	3	1	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0
DG	0	0	54	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
FABT	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
FATB	2	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
FBBT	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
FBTB	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	1	0	0	0	0
PCBT	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
PCTB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDBT	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
PDTB	2	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
PBTT	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
PBTB	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

4.2 Results

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.ctr	g.autobusy	h.robine	c1A.aseb.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.ctr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ato	l2.pieszy.potrzebny	a3.hulajnogci	l2.pieszy.umar	c3.mikrobus	l.kamper
AF	0	2	16	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
AG	0	0	27	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AH	0	0	43	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BG	0	1	25	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BH	0	1	96	0	1	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CE	0	0	34	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CF	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

[illegible]

4.3 Confusion

Counting sum accuracy is **97.01%** 551.0/568.0.

5. tests/TestIntersections/Test13

[View of measuring point]

[illegible]

5.2 Results

Direction	a1.rowery	b.moto	c1.osobowe	d1.distance	e.clearance	f2.dir	g.autobusy	h.rozne	c1A.osob.przyciepa	d1A.dest.przyciepa	f1.clear.przyciepa	l.konne	l1.pieszy	z.pociagi	f3.dir.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.ulo	l2.pieszy.potrzeby	a3.hulajnogl	l3.pieszy.umar	c3.mikrobus	c.kamper
AB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AC	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BC	0	1	36	7	2	1	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0
BD	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	28	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DA	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'AC', 'AD', 'BA', 'BC', 'BD', 'CA', 'CB', 'CD', 'DA', 'DB', 'DC'] from Quantity.csv.

5.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.distance	e.clearance	f2.dir	g.autobusy	h.rozne	c1A.osob.przyciepa	d1A.dest.przyciepa	f1.clear.przyciepa	l.konne	l1.pieszy	z.pociagi	f3.dir.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.ulo	l2.pieszy.potrzeby	a3.hulajnogl	l3.pieszy.umar	c3.mikrobus	c.kamper
GT	0	1	77	11	5	4	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0
TP	0	1	77	11	5	4	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0
PP	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Counting sum accuracy is **100.00%** 105.0/105.0.
Classification accuracy is **99.05%**.

6. tests/TestIntersections/Test14



[View of measuring point]

6.1 Ground truth

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcza	e.cieszarowe	f2.ctr	g.autobusy	h.roznie	c1A.amb.przycapa	d1A.dost.przycapa	f1.cieszar.przycapa	l.konne	l1.pieszy	z.pociagi	f3.ctr.przycapa	d2.dost.bus	d2A.dost.bus.przycapa	a2.uto	l2.pieszy.potrasy	a3.hulajnog	l2.pieszy.umer	c3.mikrobus	c.kamper
AB	0	0	27	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	2	0
AC	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	27	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
BC	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

6.2 Results

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcza	e.cieszarowe	f2.ctr	g.autobusy	h.roznie	c1A.amb.przycapa	d1A.dost.przycapa	f1.cieszar.przycapa	l.konne	l1.pieszy	z.pociagi	f3.ctr.przycapa	d2.dost.bus	d2A.dost.bus.przycapa	a2.uto	l2.pieszy.potrasy	a3.hulajnog	l2.pieszy.umer	c3.mikrobus	c.kamper
AB	0	0	39	0	1	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
AC	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	36	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
BC	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'AC', 'BA', 'BC', 'CA', 'CB'] from Quantity.csv.

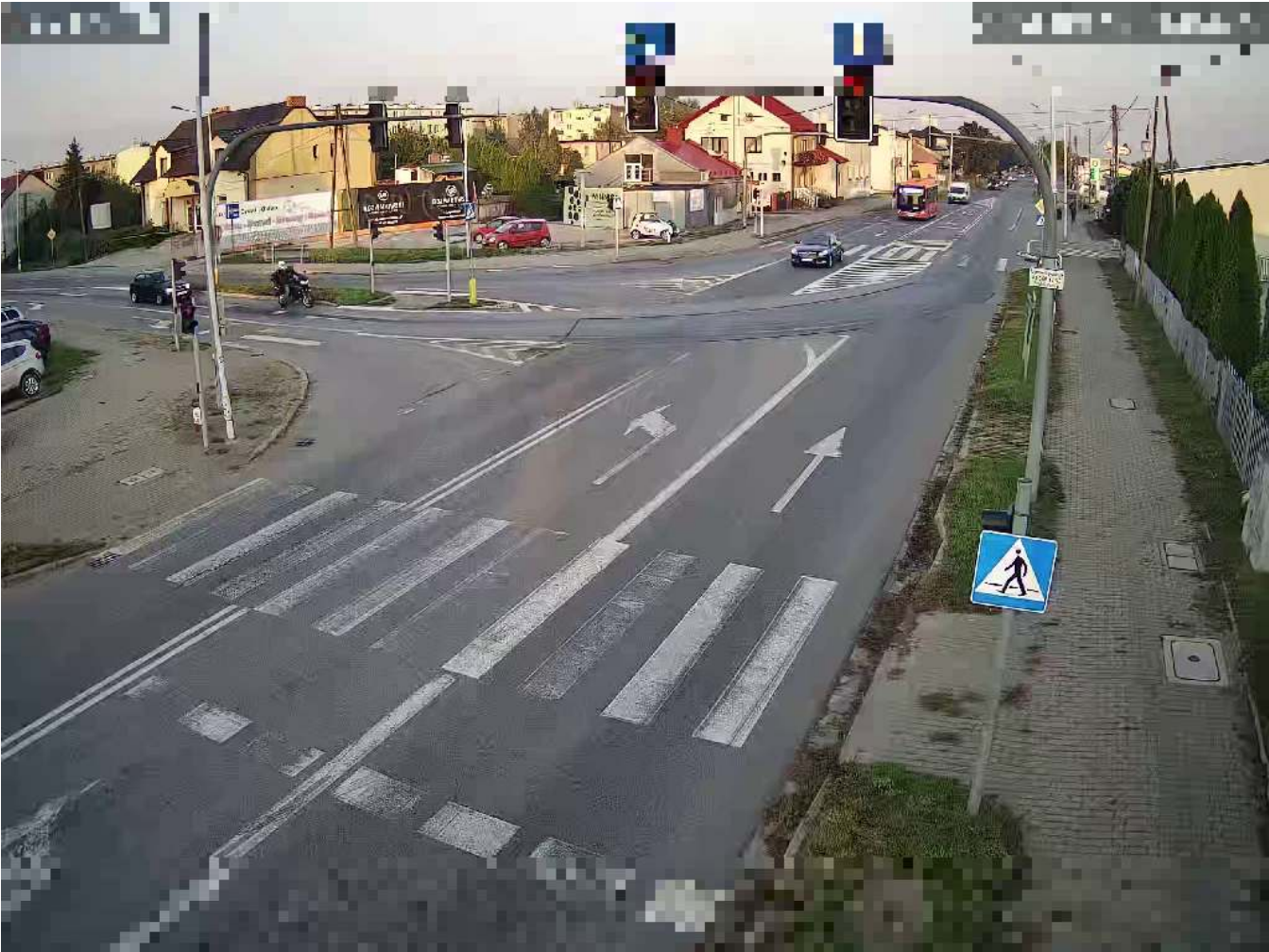
6.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.dostawcza	e.cieszarowe	f2.ctr	g.autobusy	h.roznie	c1A.amb.przycapa	d1A.dost.przycapa	f1.cieszar.przycapa	l.konne	l1.pieszy	z.pociagi	f3.ctr.przycapa	d2.dost.bus	d2A.dost.bus.przycapa	a2.uto	l2.pieszy.potrasy	a3.hulajnog	l2.pieszy.umer	c3.mikrobus	c.kamper
GT	0	0	88	0	1	1	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	2	0
TP	0	0	87	0	1	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
FP	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0

Counting sum accuracy is **100.00%** 97.0/97.0.

Classification accuracy is **95.88%**.

7. tests/TestIntersections/Test15



[View of measuring point]

7.1 Ground truth

Direction	a1_rowery	b_moto	c1_mokowe	d1_dostawca	e_cieszarow	f2_tir	g_autobusy	h_rolne	c1A_mosh.przycapa	d1A_dost.przycapa	f1_cieszar.przycapa	i_konne	l1_gleazy	z_pociagi	f3_tir.przycapa	d2_dost.bus	d2A_dost.bus.przycapa	a2_uto	l2_gleazy.potraby	a3_hulajnog	l3_gleazy.usr	c3_mikrobus	e_kamper
AB	0	0	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	1	17	1	2	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
BC	0	0	7	1	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
CA	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CB	0	1	14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

7.2 Results

Direction	a1_rowery	b_moto	c1_mokowe	d1_dostawca	e_cieszarow	f2_tir	g_autobusy	h_rolne	c1A_mosh.przycapa	d1A_dost.przycapa	f1_cieszar.przycapa	i_konne	l1_gleazy	z_pociagi	f3_tir.przycapa	d2_dost.bus	d2A_dost.bus.przycapa	a2_uto	l2_gleazy.potraby	a3_hulajnog	l3_gleazy.usr	c3_mikrobus	e_kamper
AB	0	0	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	1	17	1	2	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
BC	0	0	8	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
CA	0	0	3	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
CB	0	1	14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'AC', 'BA', 'BC', 'CA', 'CB'] from Quantity.csv.

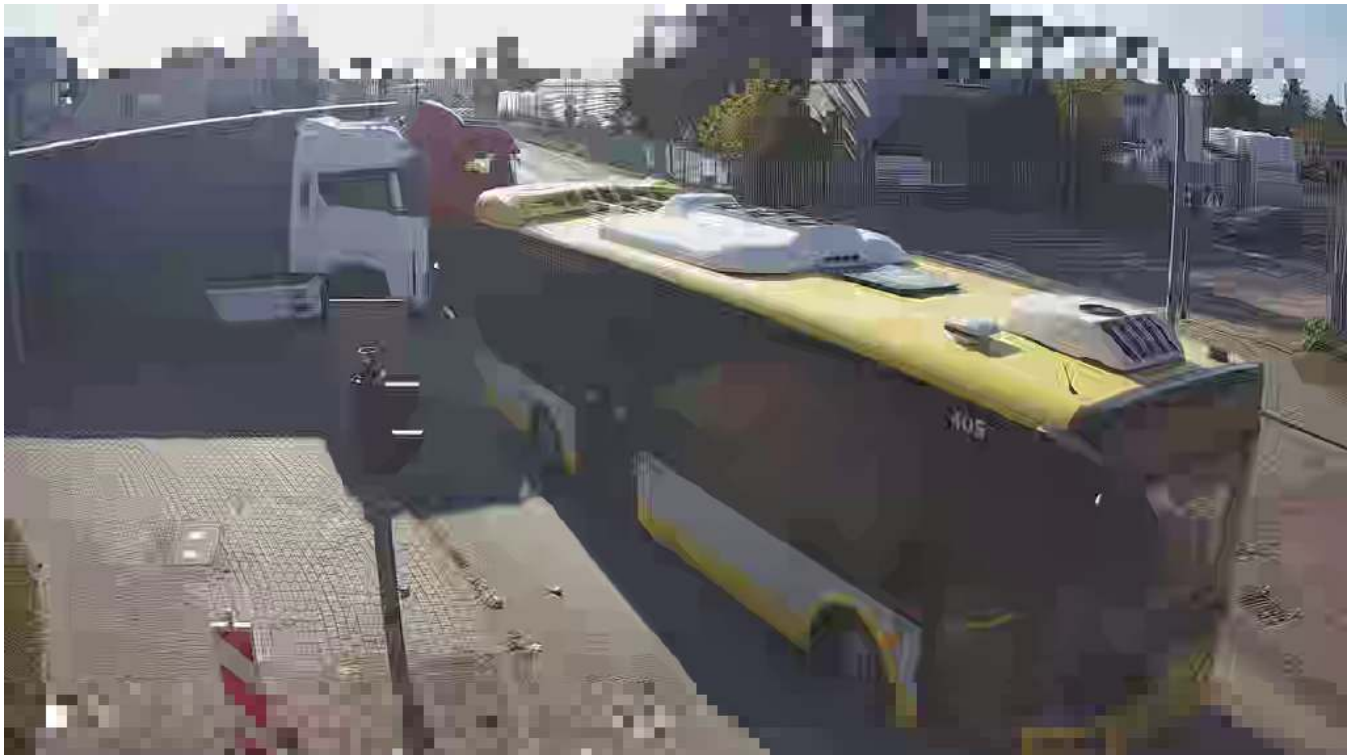
7.3 Confusion

	a1_rowery	b_moto	c1_mokowe	d1_dostawca	e_cieszarow	f2_tir	g_autobusy	h_rolne	c1A_mosh.przycapa	d1A_dost.przycapa	f1_cieszar.przycapa	i_konne	l1_gleazy	z_pociagi	f3_tir.przycapa	d2_dost.bus	d2A_dost.bus.przycapa	a2_uto	l2_gleazy.potraby	a3_hulajnog	l3_gleazy.usr	c3_mikrobus	e_kamper
GT	0	2	58	3	2	3	1	0	1	1	0	0	0	0	0	4	0	0	0	0	0	1	0
TP	0	2	58	3	2	2	1	0	1	1	0	0	0	0	0	4	0	0	0	0	0	0	0
BP	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
IN	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

Counting sum accuracy is **98.68%** 77.0/76.0.

Classification accuracy is **97.37%**.

8. tests/TestIntersections/Test16



[View of measuring point]

8.1 Ground truth

Direction	a1_rowery	b_moto	c1_mokowe	d1_dostawca	e_cieszarow	f2_tir	g_autobusy	h_rolne	c1A_mosh.przycapa	d1A_dost.przycapa	f1_cieszar.przycapa	i_konne	l1_gleazy	z_pociagi	f3_tir.przycapa	d2_dost.bus	d2A_dost.bus.przycapa	a2_uto	l2_gleazy.potraby	a3_hulajnog	l3_gleazy.usr	c3_mikrobus	e_kamper
AB	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.1tr	g.autobusy	h.relna	c1A.mish.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	x.pociagi	f2.1tr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.uto	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	c.kamper
AC	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BC	0	0	5	0	1	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
BD	0	0	19	0	1	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
CA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
CD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DA	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DB	0	0	37	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0
DC	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

8.2 Results

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.1tr	g.autobusy	h.relna	c1A.mish.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	x.pociagi	f2.1tr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.uto	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	c.kamper
AB	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AC	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AD	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BC	0	0	5	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
BD	0	0	21	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	8	1	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
CD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DA	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DB	0	0	36	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
DC	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'AC', 'AD', 'BA', 'BC', 'BD', 'CA', 'CB', 'CD', 'DA', 'DB', 'DC'] from Quantity.csv.

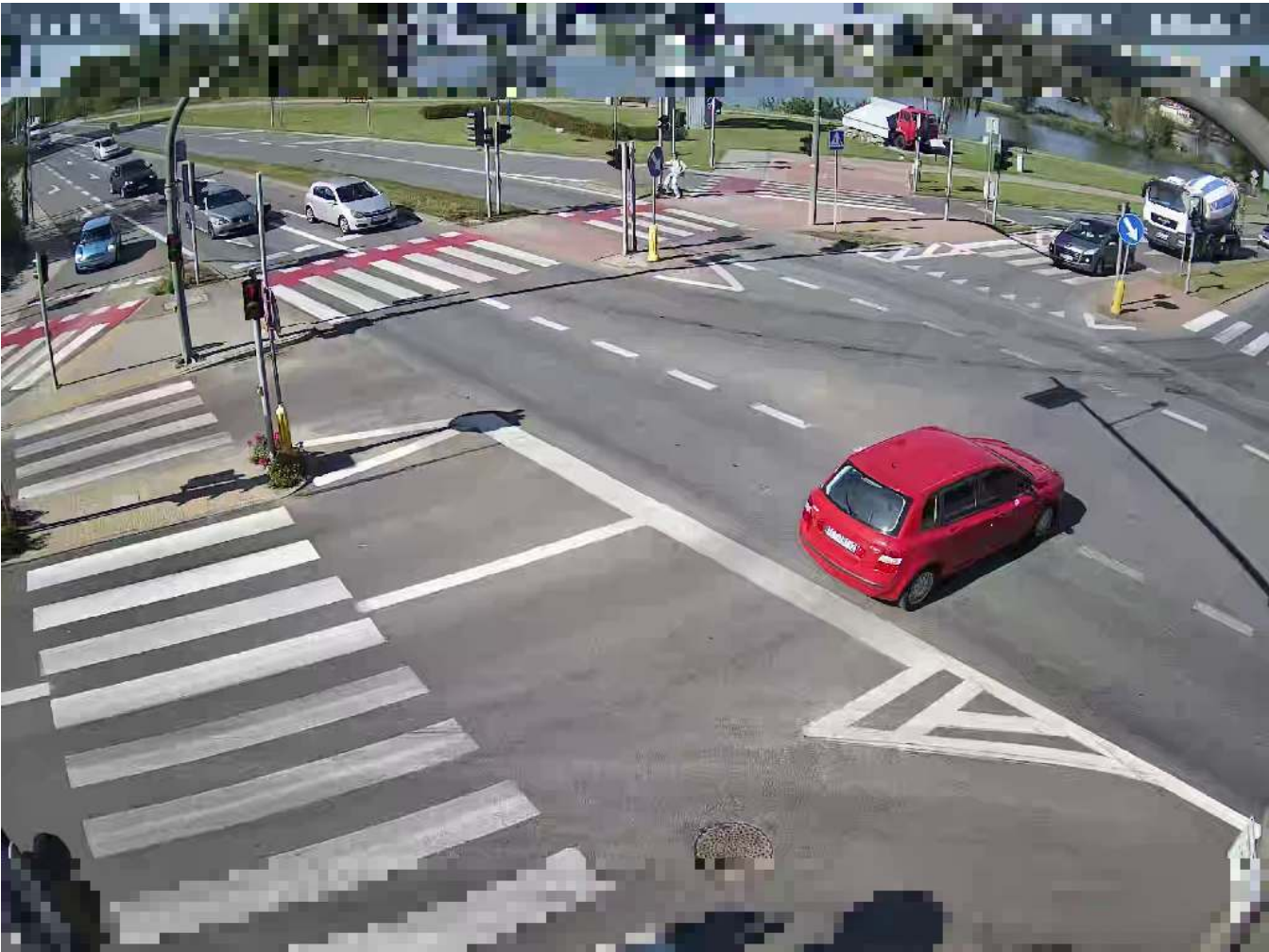
8.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.1tr	g.autobusy	h.relna	c1A.mish.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	x.pociagi	f2.1tr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.uto	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	c.kamper
GT	0	0	83	2	3	4	1	0	0	0	0	0	0	0	0	10	0	0	0	0	0	2	0
TP	0	0	81	2	3	2	1	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0
FP	0	0	6	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	2	0

Counting sum accuracy is **99.05%** 104.0/105.0.

Classification accuracy is **90.48%**.

9. tests/TestIntersections/Test17



[View of measuring point]

9.1 Ground truth

Kierunek	a1_rowery	b_moto	c1_mikrobus	d1_dostawcze	e_cieszarow	f2_str	g_autobusy	h_rabna	i1A_mosh.przyciepa	d1A_dest.przyciepa	f1_cieszar.przyciepa	l_konnie	l1_pieszy	z_pociagi	f3_str.przyciepa	d2_dest.bus	d2A_dest.bus.przyciepa	a2_uto	l2_pieszy.potraby	a3_hulajnegi	l3_pieszy.owr	c3_mikrobus	l_kamper
AB	0	0	20	1	2	3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
AF	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
AG	0	0	16	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CE	0	0	9	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
CF	0	0	18	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
DE	0	1	18	1	0	4	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
HB	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
HG	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

9.2 Results

Direction	a1_rowery	b_moto	c1_mikrobus	d1_dostawcze	e_cieszarow	f2_str	g_autobusy	h_rabna	i1A_mosh.przyciepa	d1A_dest.przyciepa	f1_cieszar.przyciepa	l_konnie	l1_pieszy	z_pociagi	f3_str.przyciepa	d2_dest.bus	d2A_dest.bus.przyciepa	a2_uto	l2_pieszy.potraby	a3_hulajnegi	l3_pieszy.owr	c3_mikrobus	l_kamper
AB	0	0	23	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AF	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
AG	0	0	15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CE	0	0	10	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CF	0	0	18	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
DE	0	1	19	1	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
HB	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
HG	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'AF', 'AG', 'CB', 'CE', 'CF', 'DE', 'HB', 'HE', 'HG'] from Quantity.csv.

9.3 Confusion

	a1_rowery	b_moto	c1_mikrobus	d1_dostawcze	e_cieszarow	f2_str	g_autobusy	h_rabna	i1A_mosh.przyciepa	d1A_dest.przyciepa	f1_cieszar.przyciepa	l_konnie	l1_pieszy	z_pociagi	f3_str.przyciepa	d2_dest.bus	d2A_dest.bus.przyciepa	a2_uto	l2_pieszy.potraby	a3_hulajnegi	l3_pieszy.owr	c3_mikrobus	l_kamper
GT	0	1	114	2	7	8	0	0	0	0	0	0	0	0	0	10	0	0	0	1	0	0	0

	a1.rewery	b.moto	c1.motobus	d1.distance	e.clearance	f2.str	g.autobusy	h.raina	i1A.motb.przycpa	d1A.dest.przycpa	f1.clear.przycpa	l.konne	i1.pleszy	x.pociagi	f3.str.przycpa	d2.dest.bus	d2A.dest.bus.przycpa	a2.ata	i2.pleszy.potraby	a3.hulajnog	i3.pleszy.owr	c3.mikrobux	l.kamper
TP	0	1	112	2	7	6	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0
FP	0	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0

Counting sum accuracy is **98.60%** 141.0/143.0.
Classification accuracy is **93.01%**.

10. tests/TestIntersections/Test18



[View of measuring point]

10.1 Ground truth

Kierunek	a1.rewery	b.moto	c1.motobus	d1.distance	e.clearance	f2.str	g.autobusy	h.raina	i1A.motb.przycpa	d1A.dest.przycpa	f1.clear.przycpa	l.konne	i1.pleszy	x.pociagi	f3.str.przycpa	d2.dest.bus	d2A.dest.bus.przycpa	a2.ata	i2.pleszy.potraby	a3.hulajnog	i3.pleszy.owr	c3.mikrobux	l.kamper
AE	0	1	94	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AG	0	0	98	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
CB	0	1	114	1	1	1	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
DF	0	1	60	2	1	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

10.2 Results

Direction	a1.rewery	b.moto	c1.motobus	d1.distance	e.clearance	f2.str	g.autobusy	h.raina	i1A.motb.przycpa	d1A.dest.przycpa	f1.clear.przycpa	l.konne	i1.pleszy	x.pociagi	f3.str.przycpa	d2.dest.bus	d2A.dest.bus.przycpa	a2.ata	i2.pleszy.potraby	a3.hulajnog	i3.pleszy.owr	c3.mikrobux	l.kamper
AE	0	0	94	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AG	0	0	99	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
CB	0	1	114	1	2	0	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
DF	0	0	29	2	1	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Row names not provided, using ['AE', 'AG', 'CB', 'DF'] from Quantity.csv.

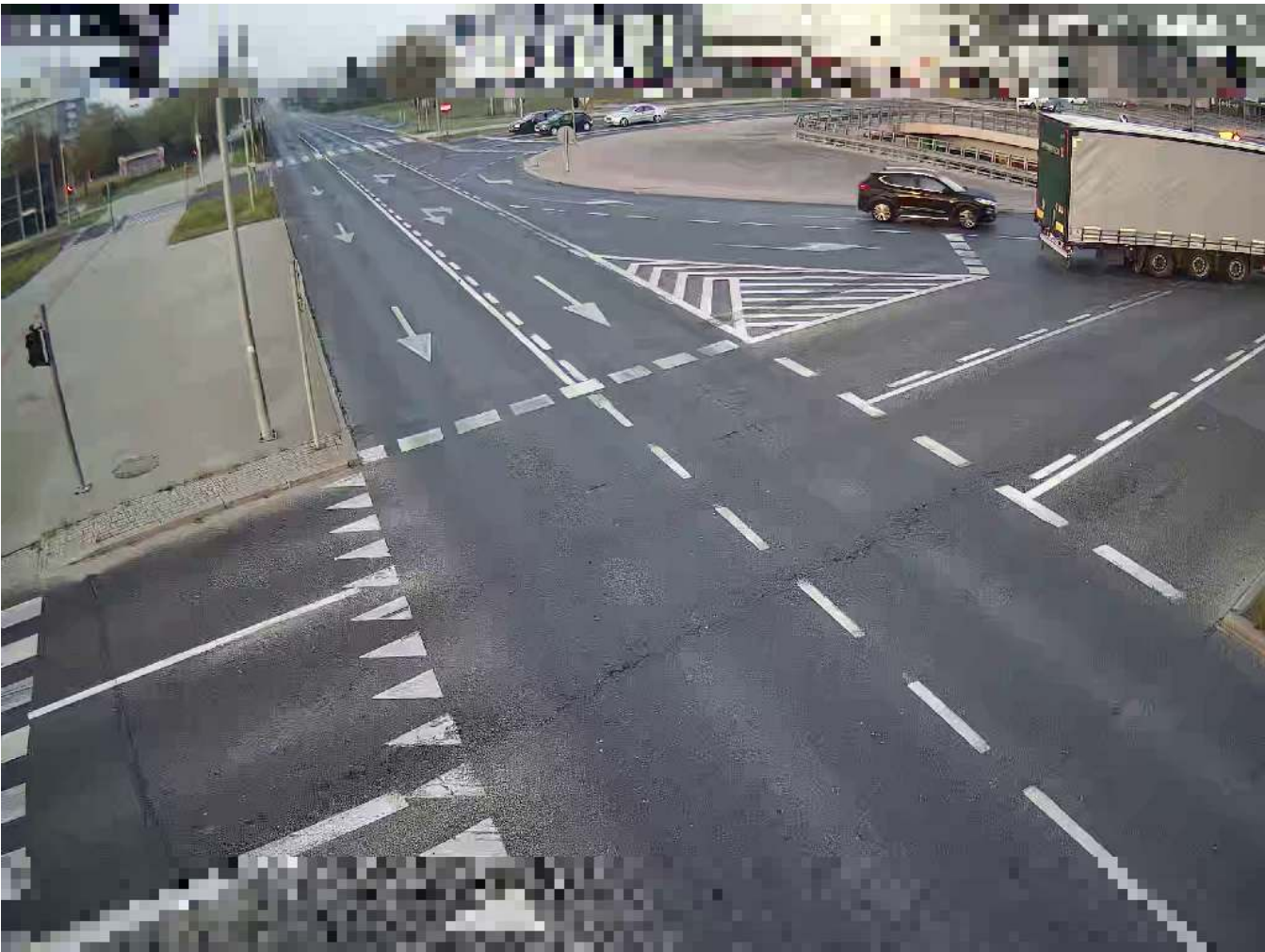
10.3 Confusion

	a1.rewery	b.moto	c1.motobus	d1.distance	e.clearance	f2.str	g.autobusy	h.raina	i1A.motb.przycpa	d1A.dest.przycpa	f1.clear.przycpa	l.konne	i1.pleszy	x.pociagi	f3.str.przycpa	d2.dest.bus	d2A.dest.bus.przycpa	a2.ata	i2.pleszy.potraby	a3.hulajnog	i3.pleszy.owr	c3.mikrobux	l.kamper
GT	0	3	360	3	4	2	3	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0

	a1_rowery	b_moto	c1_nosbown	d1_distance	e_clearance	f2_dr	g_autobusy	h_raina	c1A_nosb.przycapa	d1A.dest.przycapa	f1.clear.przycapa	i_konne	l1_pieszy	z_pociagi	f2.dr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2_sila	l2_pieszy.potrzebny	a3_hulajnog	l3_pieszy.owr	c3_mikrobus	l_kamper
TP	0	1	325	3	4	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FP	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	2	31	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Counting sum accuracy is **91.54%** 357.0/390.0.
 Classification accuracy is **91.03%**.

11. tests/TestIntersections/Test19



[View of measuring point]

11.1 Ground truth

Kierunek	a1_rowery	b_moto	c1_nosbown	d1_distance	e_clearance	f2_dr	g_autobusy	h_raina	c1A_nosb.przycapa	d1A.dest.przycapa	f1.clear.przycapa	i_konne	l1_pieszy	z_pociagi	f2.dr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2_sila	l2_pieszy.potrzebny	a3_hulajnog	l3_pieszy.owr	c3_mikrobus	l_kamper
AC	0	0	66	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AD	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BC	0	0	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11.2 Results

Direction	a1_rowery	b_moto	c1_nosbown	d1_distance	e_clearance	f2_dr	g_autobusy	h_raina	c1A_nosb.przycapa	d1A.dest.przycapa	f1.clear.przycapa	i_konne	l1_pieszy	z_pociagi	f2.dr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2_sila	l2_pieszy.potrzebny	a3_hulajnog	l3_pieszy.owr	c3_mikrobus	l_kamper
AC	0	0	70	4	2	3	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
AD	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BC	0	0	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Row names not provided, using ['AC', 'AD', 'AE', 'BC', 'BE'] from Quantity.csv.

11.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.dr	g.autobusy	h.rozne	c1A.osob.przyciepa	d1A.dest.przyciepa	f1.cieszar.przyciepa	i.konne	l1.pieszy	x.pociagi	f3.dr.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.uto	l2.pieszy.potrzebny	a3.hulajnog	l3.pieszy.umar	c3.mikrobus	l.kamper
GT	0	0	93	4	1	3	1	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
TP	0	0	93	4	1	3	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
FP	0	0	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0

Counting sum accuracy is **99.10%** 112.0/111.0.
Classification accuracy is **95.50%**.

12. tests/TestIntersections/Test2



[View of measuring point]

12.1 Ground truth

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.dr	g.autobusy	h.rozne	c1A.osob.przyciepa	d1A.dest.przyciepa	f1.cieszar.przyciepa	i.konne	l1.pieszy	x.pociagi	f3.dr.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.uto	l2.pieszy.potrzebny	a3.hulajnog	l3.pieszy.umar	c3.mikrobus	l.kamper
AC	0	1	27	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
AE	0	0	20	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DB	0	1	25	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
DE	0	0	15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EB	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EC	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PABT	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PATB	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0

12.2 Results

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.dr	g.autobusy	h.rozne	c1A.osob.przyciepa	d1A.dest.przyciepa	f1.cieszar.przyciepa	i.konne	l1.pieszy	x.pociagi	f3.dr.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.uto	l2.pieszy.potrzebny	a3.hulajnog	l3.pieszy.umar	c3.mikrobus	l.kamper
AC	0	1	26	1	1	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
AE	0	0	20	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DB	0	1	25	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
DE	0	0	15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EB	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EC	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PABT	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PATB	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0

Row names not provided, using ['AC', 'AE', 'DB', 'DE', 'EB', 'EC', 'PABT', 'PATB'] from Quantity.csv.

12.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.dr	g.autobusy	h.rozne	c1A.osob.przyciepa	d1A.dest.przyciepa	f1.cieszar.przyciepa	i.konne	l1.pieszy	x.pociagi	f3.dr.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.uto	l2.pieszy.potrzebny	a3.hulajnog	l3.pieszy.umar	c3.mikrobus	l.kamper
GT	0	2	105	1	3	2	1	0	0	0	0	0	3	0	0	1	1	0	0	0	0	0	0

	a1_rowery	b_moto	c1_msbow	d1_distance	e_clearance	f2_str	g_autobusy	h_rakia	c1A_msb.przycpa	d1A_dest.przycpa	f1_clear.przycpa	i_konne	l1_pieszy	x_pociagi	f3_str.przycpa	d2_dest.bus	d2A_dest.bus.przycpa	a2_sila	l2_pieszy.potraby	a3_hulajniagi	l3_pieszy.owr	c3_mikrob	l_kamper
TP	0	2	104	1	3	2	1	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0
FP	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Counting sum accuracy is **100.00%** 119.0/119.0.
Classification accuracy is **99.16%**.

13. tests/TestIntersections/Test20



[View of measuring point]

13.1 Ground truth

Kierunek	a1_rowery	b_moto	c1_msbow	d1_distance	e_clearance	f2_str	g_autobusy	h_rakia	c1A_msb.przycpa	d1A_dest.przycpa	f1_clear.przycpa	i_konne	l1_pieszy	x_pociagi	f3_str.przycpa	d2_dest.bus	d2A_dest.bus.przycpa	a2_sila	l2_pieszy.potraby	a3_hulajniagi	l3_pieszy.owr	c3_mikrob	l_kamper
AD	0	0	37	1	4	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	1	0
AF	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	40	1	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
BF	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CE	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

13.2 Results

Direction	a1_rowery	b_moto	c1_msbow	d1_distance	e_clearance	f2_str	g_autobusy	h_rakia	c1A_msb.przycpa	d1A_dest.przycpa	f1_clear.przycpa	i_konne	l1_pieszy	x_pociagi	f3_str.przycpa	d2_dest.bus	d2A_dest.bus.przycpa	a2_sila	l2_pieszy.potraby	a3_hulajniagi	l3_pieszy.owr	c3_mikrob	l_kamper
AD	0	0	37	1	3	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	1	0
AF	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BE	0	0	39	1	1	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
BF	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CD	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CE	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Row names not provided, using ['AD', 'AF', 'BE', 'BF', 'CD', 'CE'] from Quantity.csv.

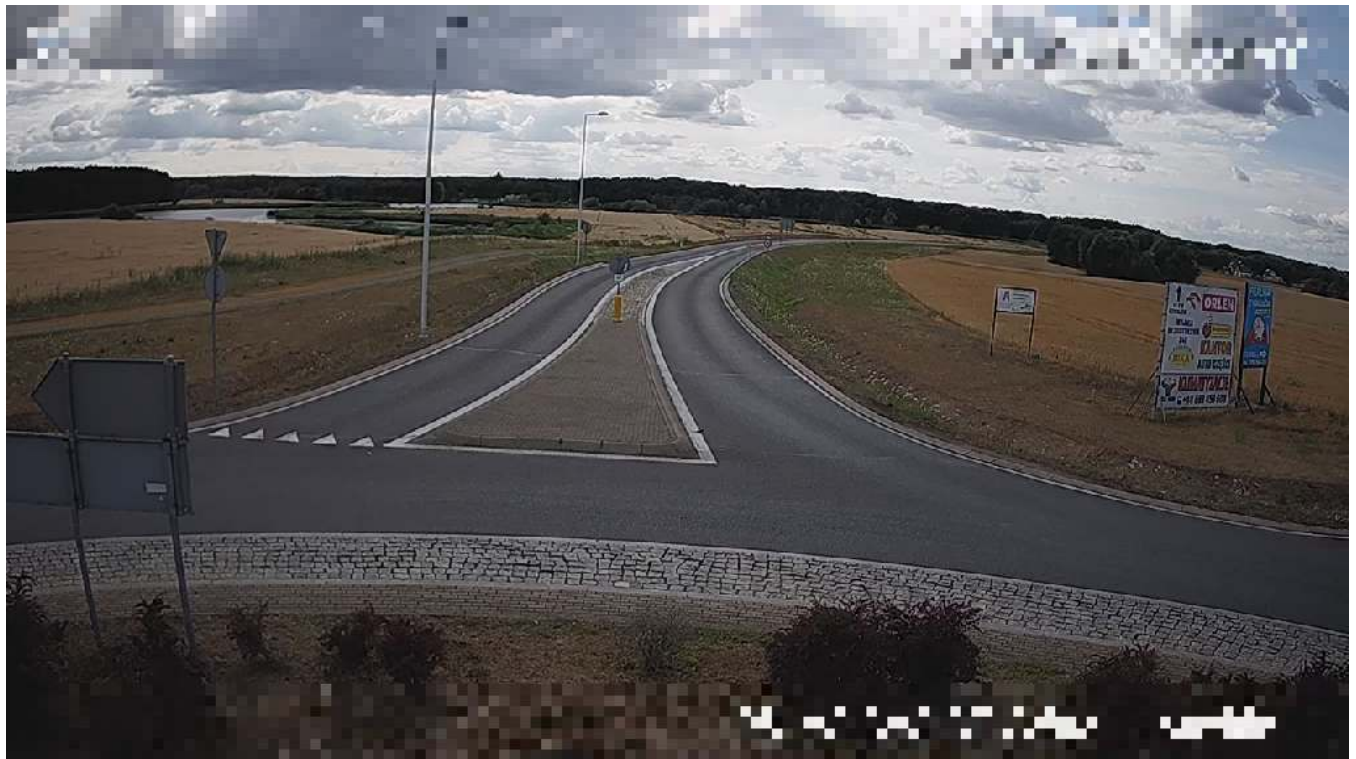
13.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.3lr	g.autobusy	h.robne	c1A.asob.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.3lr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.uto	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.umer	c3.mikrobus	c.kamper
GT	0	0	100	3	5	2	0	0	0	1	0	0	0	0	0	3	1	0	0	0	0	1	0
TP	0	0	99	3	4	2	0	0	0	1	0	0	0	0	0	3	1	0	0	0	0	1	0
FP	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Counting sum accuracy is **99.14%** 115.0/116.0.

Classification accuracy is **98.28%**.

14. tests/TestIntersections/Test3



[View of measuring point]

14.1 Ground truth

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.3lr	g.autobusy	h.robne	c1A.asob.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.3lr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.uto	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.umer	c3.mikrobus	c.kamper
AC	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
AD	0	1	5	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CD	0	0	7	0	1	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

14.2 Results

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.3lr	g.autobusy	h.robne	c1A.asob.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.3lr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.uto	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.umer	c3.mikrobus	c.kamper
AC	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
AD	0	1	5	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CD	0	0	7	0	1	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

Row names not provided, using ['AC', 'AD', 'CD'] from Quantity.csv.

14.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.3lr	g.autobusy	h.robne	c1A.asob.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	i.konne	l1.pieszy	z.pociagi	f3.3lr.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.uto	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.umer	c3.mikrobus	c.kamper
GT	0	1	14	1	1	3	0	1	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0
TP	0	1	14	1	1	3	0	1	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0
FP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Counting sum accuracy is **100.00%** 26.0/26.0.

Classification accuracy is **100.00%**.

A wide-angle photograph of a busy intersection in a town. A black car is driving through the intersection, and a white truck is turning right. A pedestrian is crossing the street. The scene is captured from a high angle, showing the road markings, traffic lights, and surrounding buildings.

15.1 Ground truth

15.2 Results

15.3 Confusion

[illegible]

Classification accuracy is **96.88%**.

A red car is parked on a street at night. The car is illuminated by a street light, casting a shadow on the pavement. In the background, there is a crosswalk with white stripes and a building entrance. The scene is captured from a high angle, showing the car's position relative to the street and the building.

16.1 Ground truth

[illegible]

16.2 Results

[illegible]

16.3 Confusion

[illegible]

	a1.rowery	b.moto	c1.motobus	d1.distance	e.clearance	f2.dr	g.autobusy	h.rowie	c1A.motb.przyciepa	d1A.dest.przyciepa	f1.clear.przyciepa	i.konne	l1.pieszy	x.pociagi	f3.dr.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.ata	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	i.kamper
PK	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0

Counting sum accuracy is **97.56%** 40.0/41.0.
Classification accuracy is **92.68%**.

17. tests/TestIntersections/Test6



[View of measuring point]

17.1 Ground truth

Direction	a1.rowery	b.moto	c1.motobus	d1.distance	e.clearance	f2.dr	g.autobusy	h.rowie	c1A.motb.przyciepa	d1A.dest.przyciepa	f1.clear.przyciepa	i.konne	l1.pieszy	x.pociagi	f3.dr.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.ata	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	i.kamper
AB	0	0	5	1	1	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
AC	0	0	11	1	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
BA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
BC	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
CA	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

17.2 Results

Direction	a1.rowery	b.moto	c1.motobus	d1.distance	e.clearance	f2.dr	g.autobusy	h.rowie	c1A.motb.przyciepa	d1A.dest.przyciepa	f1.clear.przyciepa	i.konne	l1.pieszy	x.pociagi	f3.dr.przyciepa	d2.dest.bus	d2A.dest.bus.przyciepa	a2.ata	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	i.kamper
AB	0	0	5	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AC	0	0	11	1	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
BA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
BC	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
CA	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'AC', 'BA', 'BC', 'CA', 'CB'] from Quantity.csv.

17.3 Confusion

[illegible]

Counting sum accuracy is **98.51%** 66.0/67.0.

Classification accuracy is **98.51%**.

18. tests/TestIntersections/Test7



[View of measuring point]

18.1 Ground truth

Direction	a1.recovery	b.histo	c1.aesbwe	d1.distoswca	e.cisearow	f2.or	g.autobusy	h.ruhw	c1A.sash.pzyscpa	d1A.dist.pzyscpa	f1.cisear.pzyscpa	i.hanno	f1.ploscy	x.pociagi	f2.tr.pzyscpa	d2.dist.bus	d2A.dist.bus.pzyscpa	a2.ute	i2.ploscy.getobusy	a1.hulogipg	i3.ploscy.usr	c3.mikrobuss	k.hamp
AB	0	1	19	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	
AC	0	0	9	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	
BA	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
BD	0	0	68	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CA	0	0	5	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
CB	0	1	35	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	

18.2 Results

Direction	a12way	b.moto	c1.sobrev	d1.distance	e.cleavage	f2.to	g.motoboy	h.rhine	i1A.sob.prpscpa	d1A.dost.prpscpa	f1.cleav.prpscpa	j.bone	k1.pleasy	l.paciagi	f2.to.prpscpa	d2.dost.bus	d1A.dost.bus.prpscpa	a2.ato	i2.pleasy.gotoboy	a2.holmgren	i2.pleasy.yerr	c3.mikrobos	Champ
AB	0	1	19	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
AC	0	0	9	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
BA	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
BD	0	0	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	0	0	5	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	1	35	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'AC', 'BA', 'BD', 'CA', 'CB'] from Quantity.csv.

18.3 Confusion

[illegible]

Counting sum accuracy is **98.83%** 173.0/171.0.
Classification accuracy is **99.42%**.

19. tests/TestIntersections/Test8



[View of measuring point]

19.1 Ground truth

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.10r	g.autobusy	h.nolne	i1A.osob.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	l.konne	l1.pieszy	z.pociagi	f2.10r.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	c.kamper
AB	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AC	0	0	22	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
AE	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	0	0	16	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EB	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EC	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

19.2 Results

Direction	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.10r	g.autobusy	h.nolne	i1A.osob.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	l.konne	l1.pieszy	z.pociagi	f2.10r.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	c.kamper
AB	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AC	0	0	22	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
AE	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	0	0	16	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CB	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EB	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EC	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'AC', 'AE', 'BA', 'CA', 'CB', 'EA', 'EB', 'EC'] from Quantity.csv.

19.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.dostawcze	e.cieszarowe	f2.10r	g.autobusy	h.nolne	i1A.osob.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	l.konne	l1.pieszy	z.pociagi	f2.10r.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pieszy.potraby	a3.hulajnog	l3.pieszy.owr	c3.mikrobus	c.kamper
GT	0	0	68	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
TP	0	0	68	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
FP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Counting sum accuracy is **100.00%** 71.0/71.0.
Classification accuracy is **100.00%**.

20. tests/TestIntersections/Test9



[View of measuring point]

20.1 Ground truth

Direction	a1.rowery	b.moto	c1.osobowe	d1.distance	e.clearance	f2.str	g.autobusy	h.rozne	i1A.mosh.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	l.konne	l1.pleszy	z.pociagi	f2.str.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pleszy.potraby	a3.hulajnog	l3.pleszy.usr	c3.mikrobus	c.kamper
AB	0	0	34	1	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PABT	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
PATB	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0

20.2 Results

Direction	a1.rowery	b.moto	c1.osobowe	d1.distance	e.clearance	f2.str	g.autobusy	h.rozne	i1A.mosh.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	l.konne	l1.pleszy	z.pociagi	f2.str.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pleszy.potraby	a3.hulajnog	l3.pleszy.usr	c3.mikrobus	c.kamper
AB	0	0	34	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BA	0	0	30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PABT	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
PATB	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0

Row names not provided, using ['AB', 'BA', 'PABT', 'PATB'] from Quantity.csv.

20.3 Confusion

	a1.rowery	b.moto	c1.osobowe	d1.distance	e.clearance	f2.str	g.autobusy	h.rozne	i1A.mosh.przycapa	d1A.dest.przycapa	f1.cieszar.przycapa	l.konne	l1.pleszy	z.pociagi	f2.str.przycapa	d2.dest.bus	d2A.dest.bus.przycapa	a2.ata	l2.pleszy.potraby	a3.hulajnog	l3.pleszy.usr	c3.mikrobus	c.kamper
GT	2	0	64	1	0	0	3	0	2	0	0	0	12	0	0	0	0	0	0	0	0	0	0
TP	2	0	64	0	0	0	3	0	2	0	0	0	12	0	0	0	0	0	0	0	0	0	0
FP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FN	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Counting sum accuracy is **98.81%** 83.0/84.0.
Classification accuracy is **98.81%**.

20.4 Tracking and classification accuracy

Path	Counting	Classification
tests/TestIntersections/Test2	100.0%	99.2%

Path	Counting	Classification
tests/TestIntersections/Test8	100.0%	100.0%
tests/TestIntersections/Test4	100.0%	96.9%
tests/TestIntersections/Test13	100.0%	99.0%
tests/TestIntersections/Test14	100.0%	95.9%
tests/TestIntersections/Test3	100.0%	100.0%
tests/TestIntersections/Test1	99.5%	98.9%
tests/TestIntersections/Test20	99.1%	98.3%
tests/TestIntersections/Test19	99.1%	95.5%
tests/TestIntersections/Test16	99.0%	90.5%
tests/TestIntersections/Test7	98.8%	99.4%
tests/TestIntersections/Test11	98.8%	91.8%
tests/TestIntersections/Test9	98.8%	98.8%
tests/TestIntersections/Test15	98.7%	97.4%
tests/TestIntersections/Test17	98.6%	93.0%
tests/TestIntersections/Test6	98.5%	98.5%
tests/TestIntersections/Test10	97.8%	94.2%
tests/TestIntersections/Test5	97.6%	92.7%
tests/TestIntersections/Test12	97.0%	93.0%
tests/TestIntersections/Test18	91.5%	91.0%

Average counting accuracy is **98.6%**.

Average classification accuracy is **96.2%**.