Confusion Matrix - Test Size: 40.0%, K: 2, Accuracy: 0.9543

		comas		105	. 5.20.	.0.070, .		caracy.	0.55.5		
0 -	1612	0	2	0	0	1	2	0	0	0	- 1750
Н -	0	1867	0	0	0	0	0	1	1	2	- 1500
7 -	12	18	1652	7	2	1	1	15	2	3	
m -	5	7	18	1733	1	19	0	8	10	2	- 1250
ual 4	3	19	1	0	1594	0	5	3	0	17	- 1000
Actual 5	7	3	3	54	3	1418	13	0	0	5	- 750
9 -	21	1	0	0	3	13	1574	0	0	0	730
۲ -	1	29	8	5	5	0	0	1684	1	19	- 500
∞ -	13	21	17	53	12	56	5	13	1388	10	- 250
ი -	8	8	2	17	66	10	1	66	8	1510	
	0	i	2	3	4 Pred	5 icted	6	7	8	9	- 0

Confusion Matrix - Test Size: 40.0%, K: 4, Accuracy: 0.9613

		Comus	ion Mac	117 - 163	t Size.	+0.070,	\. \	curacy.	0.9013		_	
0 -	1609	0	2	0	0	1	3	1	0	1		- 1750
⊣ -	- 0	1865	0	0	1	0	0	2	1	2		- 1500
7 -	10	20	1641	7	2	1	3	24	2	3		1500
m -	- 3	9	8	1733	0	20	1	8	14	7		- 1250
ual 4	2	19	0	0	1590	0	4	1	0	26		- 1000
Actual 5	- 5	6	1	41	1	1423	16	1	1	11		- 750
9 -	- 12	2	0	0	0	6	1591	0	1	0		750
7	- 1	33	2	3	4	0	0	1689	0	20		- 500
∞ -	- 9	17	12	37	8	41	8	8	1434	14		- 250
ი -	- 9	6	1	18	35	7	1	38	6	1575		
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9		- 0

Confusion Matrix - Test Size: 40.0%, K: 5, Accuracy: 0.9616

		Comas	ion mac	IIA ICS	C JIZC	+0.070,	. J, AC	curucy.	0.5010		
0 -	1605	0	2	0	0	2	7	1	0	0	- 1750
Н -	0	1863	0	0	0	0	3	2	1	2	- 1500
- 2	8	22	1631	8	3	0	4	28	6	3	
m -	2	8	10	1722	0	30	2	9	13	7	- 1250
Actual	3	18	0	0	1579	0	4	1	0	37	- 1000
Act 5	5	4	1	29	3	1433	21	1	1	8	- 750
9 -	11	2	0	0	0	6	1591	0	2	0	730
~ -	1	30	3	4	0	0	0	1690	0	24	- 500
∞ -	12	17	8	28	9	37	7	6	1446	18	- 250
ი -	8	10	2	17	23	6	1	28	6	1595	
	0	1	2	3	4 Pred	5 icted	6	7	8	9	- 0

Confusion Matrix - Test Size: 40.0%, K: 6, Accuracy: 0.9608

		Comas	ion mac	IIX ICS	. JIZC	+0.070,	ix. 0, Ac	curucy.	0.5000		
0 -	1606	0	2	0	0	2	6	1	0	0	- 1750
Н -	0	1864	0	0	1	0	2	1	1	2	- 1500
~ -	8	27	1628	8	2	0	4	28	5	3	
m -	1	10	11	1727	1	21	2	8	12	10	- 1250
ual 4	3	24	0	0	1579	0	3	1	0	32	- 1000
Actual 5	5	4	1	33	5	1429	18	1	2	8	- 750
9 -	11	2	0	0	0	5	1592	0	2	0	750
-	1	32	6	3	5	0	0	1686	0	19	- 500
∞ -	11	17	9	30	11	27	8	8	1450	17	- 250
ი -	8	11	2	22	29	5	1	35	3	1580	
	Ó	1	2	3	4 Pred	5 icted	6	7	8	9	- 0

Confusion Matrix - Test Size: 40.0%, K: 7, Accuracy: 0.9586

		Comus	ion Mac	11X - 163	it size. ²	+0.0%,	N. /, AC	curacy.	0.9566			
0 -	1600	1	2	0	0	3	10	1	0	0	- 17	'50
⊣ -	- 0	1862	1	0	1	0	3	1	1	2	- 15	soo.
- 2	- 9	27	1618	9	2	1	5	34	5	3		-00
m -	- 2	11	9	1717	2	28	1	11	14	8	- 12	:50
ual 4	- 3	24	0	0	1563	0	4	1	0	47	- 10	00
Actual 5	- 4	5	2	25	3	1428	25	1	2	11	- 75	:0
9 -	- 9	1	0	0	0	5	1594	0	3	0	73	U
7	- 1	34	3	1	1	0	0	1682	1	29	- 50	0
ω -	- 11	18	8	30	12	24	8	7	1450	20	- 25	0
ი -	- 9	13	1	20	25	5	1	29	3	1590		
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9	- 0	

Confusion Matrix - Test Size: 40.0%, K: 10, Accuracy: 0.9579

		Comasi	on maci		. 5.26	0.070, 1	. 10, /	.ca.acy.	0.5575	•	
0 -	1602	1	1	0	0	3	9	1	0	0	- 1750
Н -	0	1863	1	0	1	0	2	1	1	2	- 1500
~ -	9	30	1616	9	3	1	5	32	5	3	
m -	2	11	9	1719	2	27	1	11	13	8	- 1250
ual 4	3	25	0	0	1571	0	5	2	0	36	- 1000
Actual 5	4	8	1	25	5	1433	18	0	1	11	- 750
9 -	10	2	0	0	1	4	1592	0	3	0	730
-	1	34	4	0	3	0	0	1685	1	24	- 500
∞ -	12	22	9	30	10	28	9	9	1433	26	- 250
ი -	9	13	3	23	25	4	1	33	7	1578	
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9	- 0

Confusion Matrix - Test Size: 30.0%, K: 2, Accuracy: 0.9565

		Comus	ion Mac	117 - 163	t Size.	JU.U /0, I	. Z, AC	curacy.	0.9505		_	
0 -	1230	0	2	0	0	1	2	0	0	1		
⊣ -	- 0	1367	0	0	0	0	0	1	1	1		- 1200
7 -	- 7	9	1211	5	1	0	1	14	2	2		- 1000
ω -	- 1	4	12	1322	1	13	0	8	6	2		
ual 4	- 2	13	1	0	1181	0	4	3	0	11		- 800
Actual 5	- 5	0	1	43	4	1066	9	1	0	3		- 600
9 -	- 16	0	0	0	2	10	1188	0	0	0		
7	- 0	22	8	0	4	1	0	1276	0	15		- 400
∞ -	- 10	10	10	41	13	38	3	6	1058	8		- 200
თ-	- 7	5	1	14	42	5	0	52	8	1153		
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9		- 0

Confusion Matrix - Test Size: 30.0%, K: 4, Accuracy: 0.9640

		Comus	ion Mac	117 - 163	t Size.	JU.U /0, I	1. 4, AC	curacy.	0.9040		_	
0 -	1228	0	2	0	0	1	3	0	0	2		
Н -	. 0	1365	0	0	0	0	1	2	1	1		- 1200
- 2	4	12	1206	3	1	0	2	19	3	2		- 1000
m -	1	6	6	1320	0	16	1	7	10	2		
Actual	1	12	0	0	1179	0	3	1	0	19		- 800
Act 5	4	3	0	28	1	1075	14	1	1	5		- 600
9 -	9	0	0	0	0	4	1202	0	1	0		
7 -	. 1	20	3	0	2	0	0	1283	0	17		- 400
∞ -	- 6	9	6	24	9	29	3	6	1094	11		- 200
ი -	. 7	3	2	17	24	5	0	31	3	1195		
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9		- 0

Confusion Matrix - Test Size: 30.0%, K: 5, Accuracy: 0.9636

		Comus	ion Mac	117 - 162	t Size.	JU.U /0, I	1. J, AC	curacy.	0.9030		
0 -	1225	0	2	0	0	1	6	1	0	1	
Н -	- 0	1365	0	0	0	0	1	2	1	1	- 1200
- 2	4	14	1197	7	2	1	2	20	3	2	- 1000
m -	. 1	5	7	1315	0	19	0	9	10	3	
Actual	- 2	10	0	0	1172	0	3	1	0	27	- 800
Act 5	. 3	3	0	26	3	1073	18	1	1	4	- 600
9 -	7	1	0	0	0	4	1204	0	0	0	
7 -	· 1	19	3	0	1	0	0	1281	0	21	- 400
ω -	7	10	5	18	10	26	4	2	1101	14	- 200
6 -	- 7	8	1	15	16	4	0	21	7	1208	
	0	i	2	3	4 Pred	5 icted	6	7	8	9	- 0

Confusion Matrix - Test Size: 30.0%, K: 6, Accuracy: 0.9618

		Confus	ion Mat	rıx - ies	it Size: 3	30.0%,	K: 6, AC	curacy:	0.9618		
0 -	1225	0	2	0	0	1	6	1	0	1	
Н -	. 0	1365	0	0	0	0	1	2	1	1	- 1200
- 2	4	15	1197	5	1	0	2	21	5	2	- 1000
κ -	1	7	7	1315	1	16	1	8	9	4	
ual 4	1	13	0	0	1173	0	3	1	0	24	- 800
Actual 5	4	3	0	29	2	1070	17	1	1	5	- 600
9 -	11	1	0	0	0	3	1199	0	2	0	
7	1	24	4	0	1	0	0	1278	0	18	- 400
ω -	9	12	4	19	9	25	7	4	1094	14	- 200
ი -	7	7	1	18	18	3	0	26	4	1203	
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9	- 0

Confusion Matrix - Test Size: 30.0%, K: 7, Accuracy: 0.9625

		Confus	ion Mat	rix - Tes	t Size: 3	30.0%,	K: 7, Ac	curacy:	0.9625			
0 -	1222	0	2	0	0	2	8	1	0	1		
⊣ -	- 0	1364	1	0	0	0	1	2	1	1		- 1200
- 5	- 4	14	1192	5	1	0	3	27	4	2	_	- 1000
ω -	- 2	7	6	1311	1	17	1	10	10	4		
ual 4	- 2	13	0	0	1167	0	3	1	0	29	-	- 800
Actual 5	- 3	3	0	18	1	1079	20	1	0	7	_	- 600
9 -	- 8	1	0	0	0	4	1201	0	2	0		400
	- 1	23	3	0	1	0	0	1271	0	27		- 400
ω -	- 7	10	4	15	11	20	7	4	1106	13	-	- 200
ი -	- 7	7	1	18	14	3	0	18	4	1215		•
	Ó	1	2	3	4 Pred	5 icted	6	7	8	9		- 0

Confusion Matrix - Test Size: 30.0%, K: 10, Accuracy: 0.9595

	1	Confusi	on Matr	ıx - iest	Size: 3	0.0%, K	.: 10, Ac	curacy:	0.9595			
0 -	1223	0	2	0	0	2	8	1	0	0		
Н -	- 0	1366	0	0	0	0	1	1	1	1	_	1200
- 2	- 4	15	1187	6	2	1	5	26	3	3	_	1000
m -	- 1	8	8	1312	1	15	1	13	6	4		
ual 4	- 2	15	0	0	1165	0	4	2	0	27		800
Actual 5	- 3	5	0	21	2	1078	16	0	0	7	_	600
9 -	- 11	2	0	0	1	3	1198	0	1	0		
	- 1	26	4	0	1	0	0	1270	0	24	_	400
∞ -	- 9	13	5	23	11	20	6	3	1091	16	_	200
ი -	- 9	10	4	17	15	2	0	27	3	1200		
	0	1	2	3	4 Pred	5 icted	6	7	8	9	_	0

Confusion Matrix - Test Size: 25.0%, K: 2, Accuracy: 0.9584

Comasion Matrix - lest Size. 25.0%, R. 2, Accuracy. 0.9504												
0 -	1017	0	2	0	0	1	2	0	0	0		
- ⊢	- 0	1128	0	0	0	0	0	0	1	1		- 1000
7 -	7	9	1023	4	1	0	0	8	0	1		- 800
m -	. 0	3	10	1089	1	12	0	6	5	2		
Actual	- 2	12	1	0	982	0	3	3	0	11		- 600
Act 5	. 3	0	1	35	4	878	9	1	0	3		
9 -	- 13	2	0	0	2	5	986	0	0	0		- 400
۲ -	- 0	17	5	0	3	1	0	1066	0	11		
ω -	- 8	7	10	30	11	32	2	4	903	6		- 200
თ -	- 6	5	1	11	36	5	0	33	7	991		
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9		- 0

Confusion Matrix - Test Size: 25.0%, K: 4, Accuracy: 0.9641

		Contus	ion Mat	rıx - ies	t Size: 4	25.0%,	K: 4, AC	curacy:	0.9641		_	
0	- 1015	0	2	0	0	1	2	0	0	2		
П	- 0	1126	0	0	0	0	1	1	1	1		- 1000
7	- 4	12	1019	3	1	0	0	10	2	2		- 800
m	- 0	5	6	1086	0	12	1	5	10	3		
Actual 4	- 1	11	0	0	980	0	2	1	0	19		- 600
Act 5	- 3	2	0	22	1	888	13	0	1	4		
9	- 5	2	0	0	0	6	995	0	0	0		- 400
7	- 1	16	2	0	2	0	0	1067	0	15		
œ	- 5	7	6	15	7	27	2	5	931	8		- 200
6	- 6	3	2	13	21	5	0	26	3	1016		
	Ó	1	2	3	4 Pred	5 icted	6	7	8	9		- 0

Confusion Matrix - Test Size: 25.0%, K: 5, Accuracy: 0.9638

		Comus	ion Mac	117 - 163	C SIZE. A	23.070, 1	K. J, AC	curacy.	0.9030		_	
0 -	1013	0	2	0	0	1	5	1	0	0		
Н -	0	1126	0	0	0	0	1	1	1	1		- 1000
7 -	4	12	1014	2	1	1	1	15	2	1		- 800
m -	1	4	5	1082	0	15	0	7	10	4		
ual 4	1	9	0	0	974	0	3	1	0	26		- 600
Actual 5 4	3	3	0	21	3	884	14	0	3	3		
9 -	4	1	0	0	0	5	998	0	0	0		- 400
	1	15	2	0	1	0	0	1067	0	17		
∞ -	6	7	6	12	10	25	4	1	932	10		- 200
ი -	6	7	1	11	16	4	0	16	4	1030		
	0	i	2	3	4 Pred	5 icted	6	7	8	9		- 0

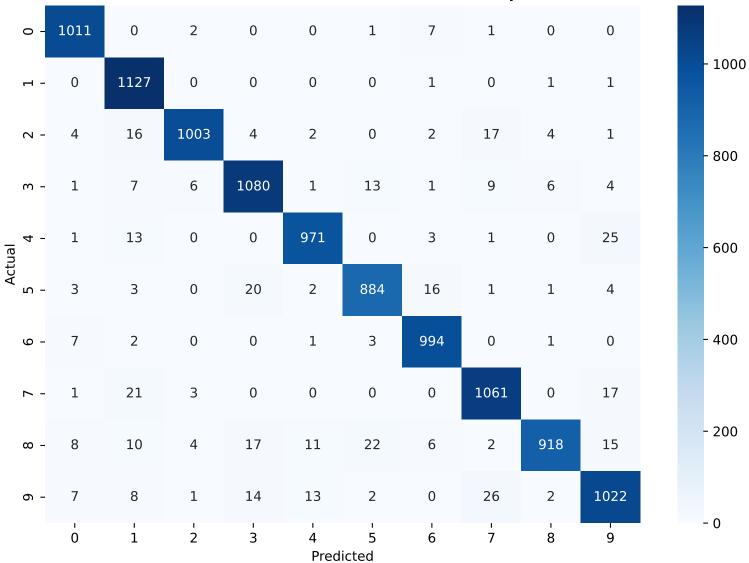
Confusion Matrix - Test Size: 25.0%, K: 6, Accuracy: 0.9616

		Confus	ion Mat	rıx - ies	t Size: 2	25.0%, 1	K: 6, AC	curacy:	0.9616		_		
0 -	1013	0	2	0	0	1	4	1	0	1			
	- 0	1127	0	0	0	0	0	1	1	1		- 1	1000
- 5	- 4	13	1015	2	1	0	1	12	4	1		- 8	300
ო -	- 1	6	6	1083	0	14	1	6	8	3			
ual 4	- 1	12	0	0	974	0	2	1	0	24		- 6	600
Actual 5	- 3	3	0	25	2	881	14	1	1	4			
9 -	- 8	2	0	0	0	2	995	0	1	0		- 4	400
7	- 1	19	2	0	1	0	0	1065	0	15			
∞ -	- 9	10	4	16	9	24	7	2	923	9		- 2	200
6 -	- 6	8	1	14	16	4	0	20	5	1021			•
	Ó	1	2	3	4 Pred	5 icted	6	7	8	9		- (J

Confusion Matrix - Test Size: 25.0%, K: 7, Accuracy: 0.9614

Comusion Matrix - Test Size. 25.0%, R. 7, Accuracy. 0.9014													
0 -	1011	0	2	0	0	1	6	1	0	1			
- ⊢	- 0	1125	1	0	0	0	1	1	1	1		- 1	000
7 -	- 4	14	1007	2	1	0	2	18	4	1		- 8	00
m -	- 1	6	5	1081	0	15	1	6	9	4			
Actual	- 1	12	0	0	971	0	3	1	0	26		- 6	00
Act 5	- 3	3	0	17	1	887	16	1	1	5			
9 -	- 5	2	0	0	0	4	996	0	1	0		- 4	00
7	- 1	19	2	0	1	0	0	1058	0	22			
ω -	- 7	9	4	13	10	19	7	3	930	11		- 2	00
თ -	- 7	7	1	14	14	3	0	18	2	1029			
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9		- 0	

Confusion Matrix - Test Size: 25.0%, K: 10, Accuracy: 0.9591



Confusion Matrix - Test Size: 20.0%, K: 2, Accuracy: 0.9577

		Comus	ion Mac	117 - 163	t Size. z	20.070,	IX. 2, AC	curacy.	0.9377		
0 -	817	0	1	0	0	1	2	0	0	0	
Н -	0	897	0	0	0	0	0	0	1	1	- 800
7 -	7	8	830	3	1	0	0	8	0	1	- 700
m -	0	3	8	879	1	10	0	6	5	1	- 600
Actual	2	11	1	0	763	0	1	3	0	10	- 500
Act 5	2	0	0	27	3	719	7	1	0	3	- 400
9 -	11	3	0	0	2	3	789	0	0	0	- 300
	0	13	3	0	3	0	0	852	0	9	- 200
∞ -	5	6	7	25	6	23	2	4	707	4	- 100
6 -	5	5	1	10	30	5	0	24	7	792	
	Ó	1	2	3	4 Pred	5 icted	6	7	8	9	- 0

Confusion Matrix - Test Size: 20.0%, K: 4, Accuracy: 0.9636

		Comus	ion Mac	117 - 163	t Size. z	20.070,	N. 4, AC	curacy.	0.9030		
0 -	815	0	1	0	0	1	2	0	0	2	
Н -	0	896	0	0	0	0	0	1	1	1	- 800
- 2	4	9	830	1	1	0	0	9	2	2	- 700
m -	0	4	4	879	0	11	1	5	8	1	- 600
Actual	0	10	0	0	759	0	2	1	0	19	- 500
- 5 AC	3	1	0	16	1	724	11	1	1	4	- 400
9 -	4	1	0	0	1	4	798	0	0	0	- 300
	0	12	2	0	2	0	0	854	0	10	- 200
∞ -	3	5	4	9	5	24	1	4	729	5	- 100
ი -	6	3	0	13	20	6	0	18	3	810	
	Ó	1	2	3	4 Pred	5 icted	6	7	8	9	- 0

Confusion Matrix - Test Size: 20.0%, K: 5, Accuracy: 0.9637

	Comusion Matrix Test Size. 20.070, R. S. Accuracy. 0.3037											
0	- 815	0	1	0	0	1	3	1	0	0		
П	- 0	896	0	0	0	0	0	1	1	1	- 800	
2	- 4	9	827	1	1	1	0	13	0	2	- 700	
М	- 1	3	3	874	0	16	0	7	7	2	- 600	
lal 4	- 1	8	0	0	758	0	2	1	0	21	- 500	
Actual 5	- 2	2	0	16	3	722	13	0	2	2	- 400	
9	- 4	1	0	0	1	3	799	0	0	0	- 300	
7	- 0	11	2	0	1	0	0	853	0	13	- 200	
œ	- 5	5	4	10	7	20	2	2	727	7	- 100	
6	- 6	6	1	11	13	3	0	12	3	824		
	0	i	2	3	ا 4 Pred	5 icted	6	7	8	9	- 0	

Confusion Matrix - Test Size: 20.0%, K: 6, Accuracy: 0.9617

		Comas	ion mat	IIX IC3	t Size. Z	20.070,	i. 0, Ac	curacy.	0.5017		
0 -	815	0	1	0	0	1	2	1	0	1	
Н -	. 0	896	0	0	0	0	0	1	1	1	- 800
- 5	4	12	825	1	1	0	0	10	3	2	- 700
m -	. 1	5	4	874	0	14	1	6	6	2	- 600
lar 4 -	- 1	9	0	0	759	0	1	1	0	20	- 500
Actual 5	2	2	0	20	2	718	12	1	2	3	- 400
9 -	7	1	0	0	0	1	798	0	1	0	- 300
7	0	15	2	0	1	0	0	852	0	10	- 200
ω -	- 6	7	3	13	7	18	4	2	723	6	- 100
ი -	6	6	1	10	16	4	0	14	4	818	
	Ó	i	2	3	ا 4 Pred	5 icted	6	7	8	9	- 0

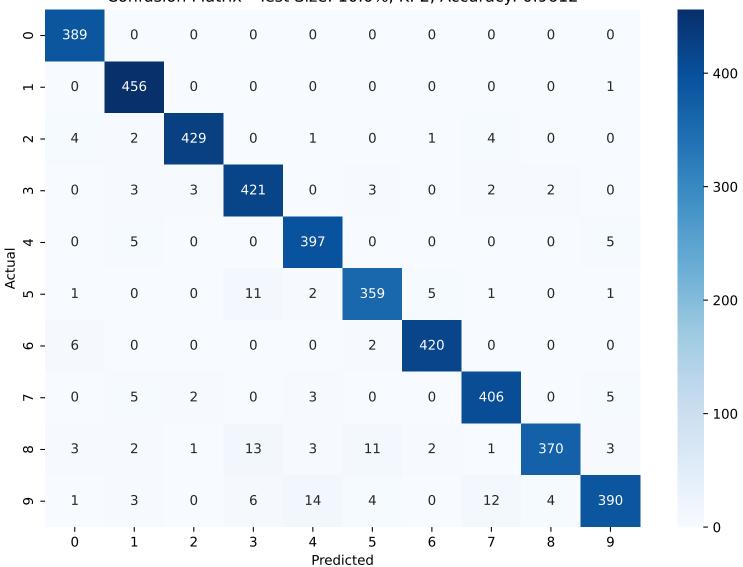
Confusion Matrix - Test Size: 20.0%, K: 7, Accuracy: 0.9613

		Comas	ion Mac	117 - 163	t Size. z	20.070,	ix. 7, AC	curacy.	0.9013		
0 -	814	0	1	0	0	1	3	1	0	1	
Н -	0	895	1	0	0	0	0	1	1	1	- 800
7 -	4	12	820	2	1	0	1	13	3	2	- 700
m -	1	5	3	873	0	15	1	6	7	2	- 600
Actual 5 4	0	9	0	0	758	0	3	1	0	20	- 500
- AC	2	2	0	14	1	721	14	1	2	5	- 400
9 -	5	1	0	0	1	2	798	0	1	0	- 300
	0	15	2	0	1	0	0	847	0	15	- 200
ω -	6	7	2	11	7	14	6	2	727	7	- 100
ი -	7	6	1	11	14	2	0	14	2	822	
	Ö	1	2	3	4 Pred	5 icted	6	7	8	9	- 0

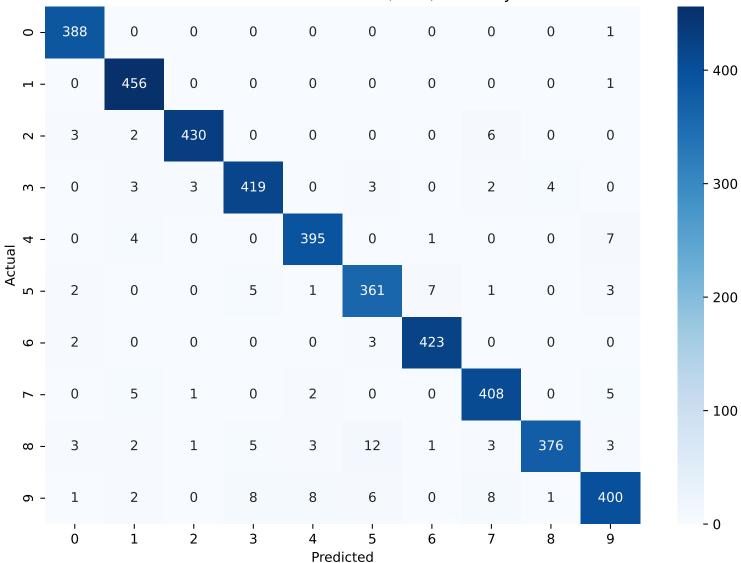
Confusion Matrix - Test Size: 20.0%, K: 10, Accuracy: 0.9587

		Comasi	on naci		. 5.26. 2	0.070, 1	. 10, /	ca.acy.	0.5507			
0 -	814	0	1	0	0	1	4	1	0	0		
⊢ -	0	896	0	0	0	0	0	1	1	1		800
~ -	4	11	818	3	2	0	1	15	3	1		700
m -	1	6	4	872	1	12	1	8	6	2	- (600
ual 4 -	0	10	0	0	756	0	3	1	0	21		500
Actual 5	2	2	0	16	2	719	15	1	1	4		400
9 -	6	1	0	0	1	2	797	0	1	0	- :	300
۲ -	0	16	2	0	0	0	0	849	0	13	- ;	200
∞ -	5	9	2	13	7	15	7	2	718	11	_	100
ი -	7	7	1	12	14	3	0	19	2	814		
	Ó	i	2	3	4 Pred	5 icted	6	7	8	9	_ (0

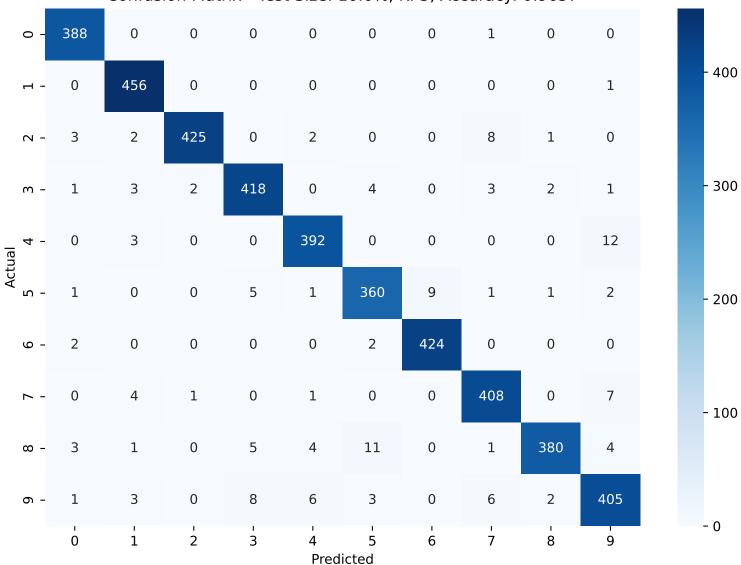
Confusion Matrix - Test Size: 10.0%, K: 2, Accuracy: 0.9612



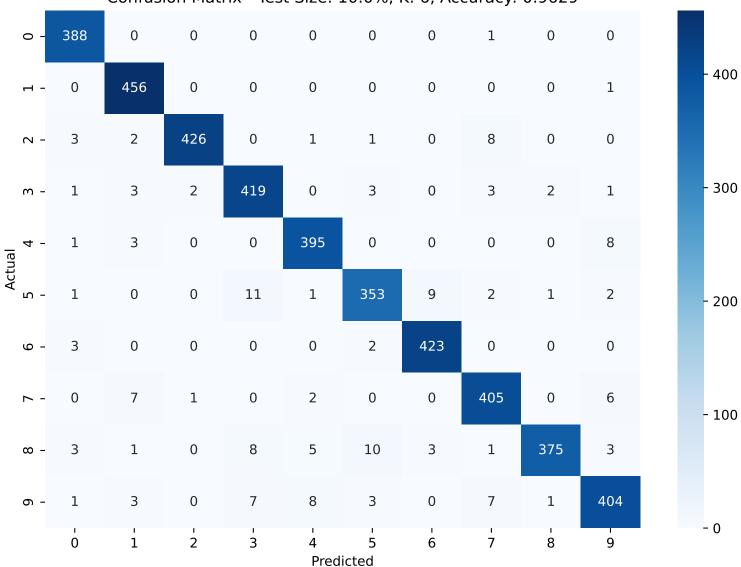
Confusion Matrix - Test Size: 10.0%, K: 4, Accuracy: 0.9657



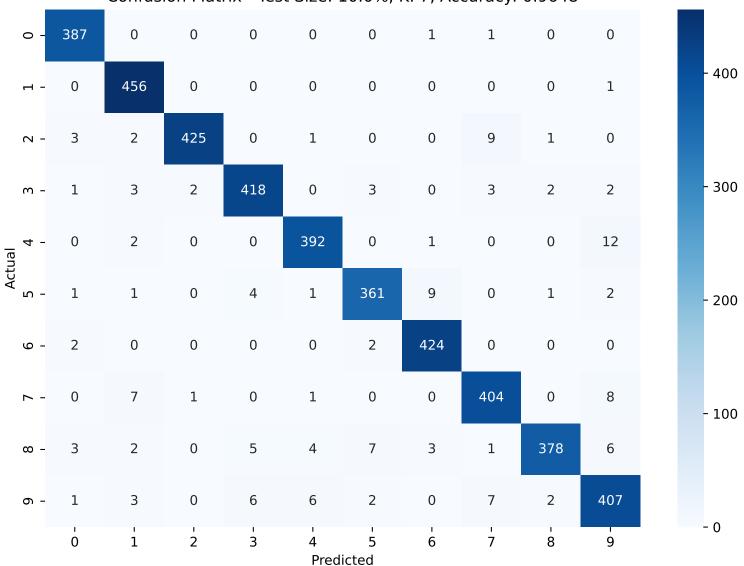
Confusion Matrix - Test Size: 10.0%, K: 5, Accuracy: 0.9657



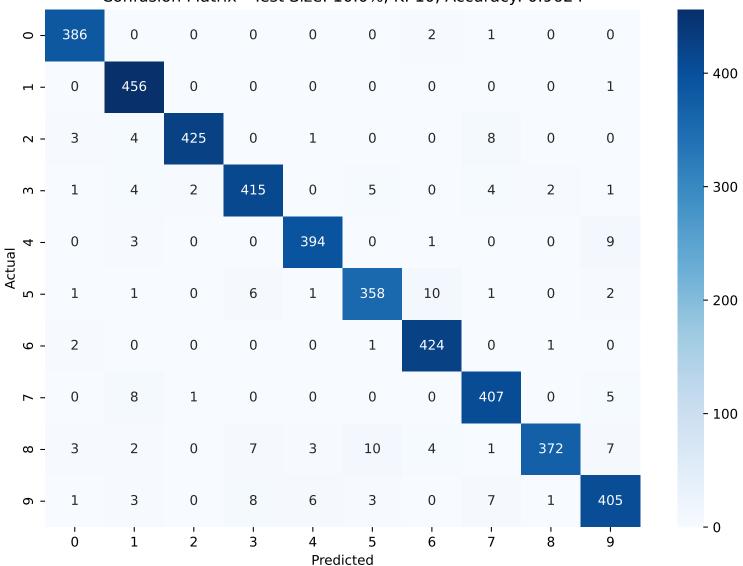
Confusion Matrix - Test Size: 10.0%, K: 6, Accuracy: 0.9629



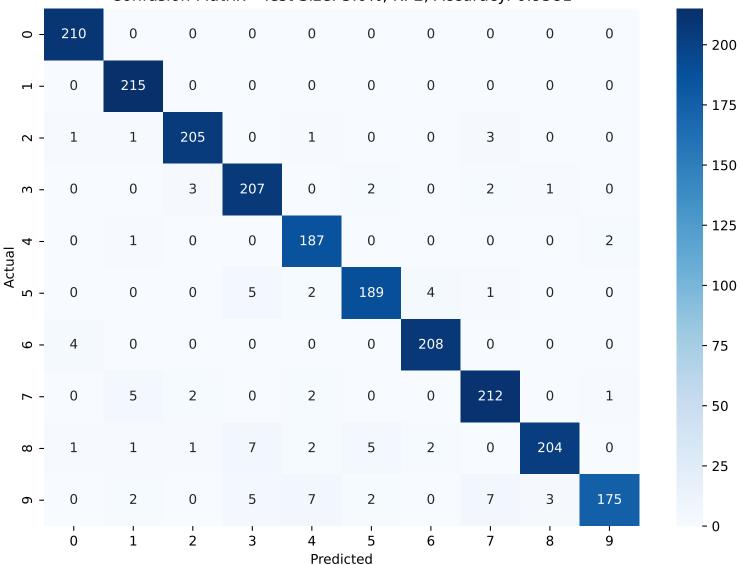
Confusion Matrix - Test Size: 10.0%, K: 7, Accuracy: 0.9648



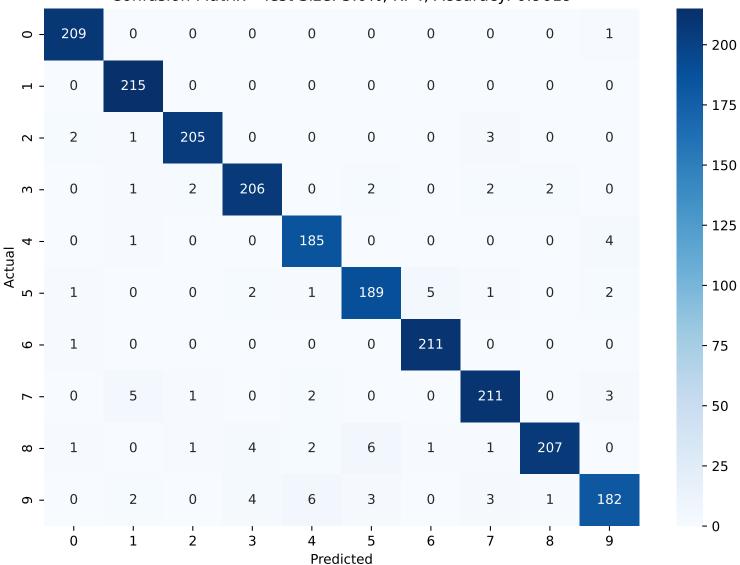
Confusion Matrix - Test Size: 10.0%, K: 10, Accuracy: 0.9624



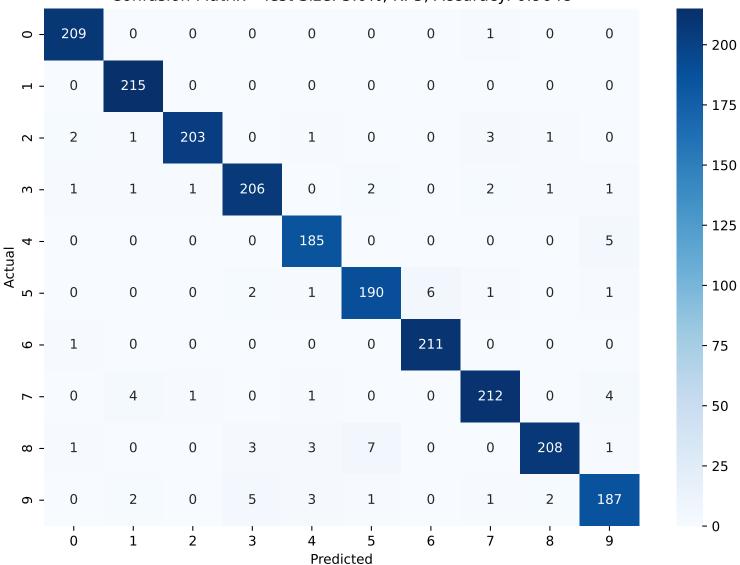
Confusion Matrix - Test Size: 5.0%, K: 2, Accuracy: 0.9581



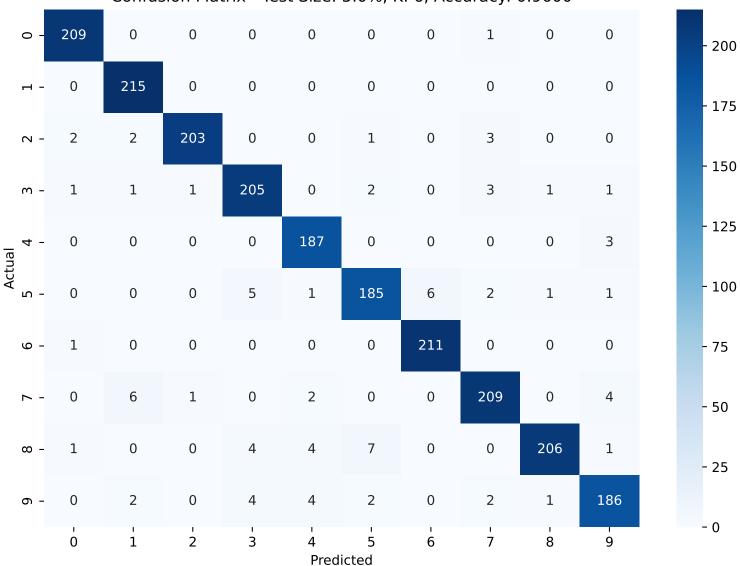
Confusion Matrix - Test Size: 5.0%, K: 4, Accuracy: 0.9619



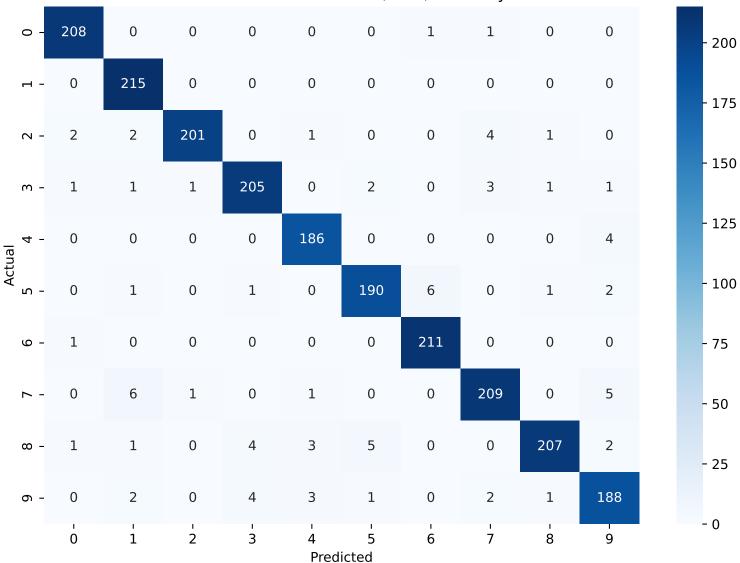
Confusion Matrix - Test Size: 5.0%, K: 5, Accuracy: 0.9648



Confusion Matrix - Test Size: 5.0%, K: 6, Accuracy: 0.9600



Confusion Matrix - Test Size: 5.0%, K: 7, Accuracy: 0.9619



Confusion Matrix - Test Size: 5.0%, K: 10, Accuracy: 0.9605

