Model	Epoch	Batch size	Steps	input size	layers												Accuracy	time/epoch	Split	Classes
CNN	60	64		712 64X64X3	Conv2D32r	Conv2D64	MaxPool	Conv2D64	Conv2D64reMaxPool	Conv2D64	Conv2D128 Maxpool	Conv2D128	8 Flatten	Dense256	Dense128	Dense164	50.42	104	80:20:00	16-
CNN	40	64	ı	712 64X64X3	Conv2D32r	Conv2D64	MaxPool	Conv2D64	Conv2D64reMaxPool	Conv2D64	Conv2D128 Maxpool	Conv2D128	8 Flatten	Dense256	Dense128	Dense164	48.62	104	80:20:00	16-
CNN	20	64		712 64X64X3	Conv2D32r	MaxPool	Conv2D64	MaxPool	Conv2D64reMaxPool	Flatten	Dense256 Dense164						45.79	85	80:20:00	164
ResNet	20	64	ı	500 64X64X3	ResNet50	Dense2048	t Dense1024	t Dense1024	t Dense512ta Dense512	ta Dense256ta	a Dense256ta Dense164	softmax					25.06	73	80:20:00	164
VGG19	20	64		500 64X64X3	VGG19	Dense2048	t Dense1024	t Dense1024	t Dense512ta Dense512	ta Dense256ta	a Dense256ta Dense164	softmax					20.12	68	80:20:00	164
64>	64x3	64x64x32	64	4x64x64																
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6			(Convi	let Cor	vNet M	axPool C	onvNet ConvNet	MaxPool	de	ense dens	se							
	7	4			64			axi 00i	64 128		flatten dense	1130								
	ConvN	et Co	nvNet	MaxPo	ool 64	,	64													
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	Accuracy a	nd time/epo	och																	
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Model	Epoch	Batch size Steps	input size	layers													Accuracy	MaleOnlyAccuracy	FemaleOnlyAcc	Split	Classes
CNN	20	64	200 64X64X3	Conv2D32r€Conv2D64	MaxPool	Conv2D64	Conv2D64r€N	/laxPool	Conv2D64	Conv2D128	Maxpool	Conv2D128	Flatten	Dense256	Dense128	Dense10	71.36	69.8	72.4	70:30:00	10
CNN	20	64	200 64X64X3	Conv2D32r€Conv2D64	MaxPool	Conv2D64	Conv2D64r€N	/laxPool	Conv2D64	Conv2D128	Maxpool	Conv2D128	Flatten	Dense256	Dense128	Dense20	61.12	60.16	62.18	70:30:00	20
CNN	30	64	200 64X64X3	Conv2D32reConv2D64	MaxPool	Conv2D64	Conv2D64r€N	MaxPool (Conv2D64	Conv2D128	Maxpool	Conv2D128	Flatten	Dense256	Dense128	Dense40	54.6	53.84	54.92	70:30:00	40
CNN	50	64	500 64X64X3	Conv2D32reConv2D64	MaxPool	Conv2D64	Conv2D64r€N	MaxPool (Conv2D64	Conv2D128	Maxpool	Conv2D128	Flatten	Dense256	Dense128	Dense10	51.2	50.78		70:30:00	80
CNN	60	64	712 64X64X3	Conv2D32reConv2D64	MaxPool	Conv2D64	Conv2D64r€N	MaxPool	Conv2D64	Conv2D128	Maxpool	Conv2D128	Flatten	Dense256	Dense128	Dense164	50.42	2		70:30:00) 164
Acc	curacy vs N	o of classes						1					→ Mal	es and Females es only							
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			Classes						£												
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								20	40	60		100 120	14	160							
										Nur	mber of clas	ises									

Model	Epoch	Batch size	Steps	input size	layers						Accuracy	Split	Classes		
ResNet	10	64	10	0 64X64X3	ResNet50	Dense512t	a Dense256ta	Dense128ta	Dense10so	ftmax	58.97	70:30:00	10		
ResNet	10			0 64X64X3	ResNet50		a Dense256ta				47.87				
ResNet	10	64	10	0 64X64X3	ResNet50	Dense512t	a Dense256ta	Dense128ta	Dense40so	ftmax	38.01				
ResNet	10	64	16	1 64X64X3	ResNet50	Dense512t	a Dense256ta	Dense128ta	Dense80so	tmax	27.92	70:30:00	80		
ResNet	10	64	50	0 64X64X63	ResNet50	Dense512t	a Dense256ta	Dense128ta	Dense164s	oftmax	25.06	70:30:00	164		
	Accuracy	v/s No. of	classes												
	60											No. of classe	es v/s Accurac	у	
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	racy									\					
	Accuracy			•		•			50	\					
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										20	40	60 80	100 f classes	120 140	160

Model	Epoch	Batch size	Steps	input size	layers	Accui	асу	Split	Classes
VGG19	10	64	100	0 64X64X3	VGG19	Dense512ta Dense256ta Dense128ta Dense10softmax	53.03	70:30:00	10
VGG19	10	64	100	0 64X64X3	VGG19	Dense512ta Dense256ta Dense128ta Dense20softmax	36.23	70:30:00	20
VGG19	10	64	100	0 64X64X3	VGG19	Dense512ta Dense256ta Dense128ta Dense40softmax	27.25	70:30:00	40
VGG19	10	64	16	1 64X64X3	VGG19	Dense512ta Dense256ta Dense128ta Dense80softmax	23.44	70:30:00	80
VGG19	20	64	500	0 64X64X3	VGG19	Dense2048t Dense1024t Dense1024t Dense512ta Dense512ta Dense256ta Dense256ta Dense164sc	20.12	70:30:00	164

