

VGG19-based model

70:30 train-test split

Training accuracy: **0.96**

Test accuracy: **0.92**

VGG19-based model

80:20 train-test split

Training accuracy: **0.97**

Test accuracy: **0.93**

VGG16-based model

80:20 train-test split

Training accuracy: **0.98**

Test accuracy: **0.96**

VGG16-based model

70:30 train-test split

Training accuracy: **0.97**

Test accuracy: **0.97**

Confusion matrix

	Sober (actual)	Drunk (actual)
Sober (predicted)	107	13
Drunk (predicted)	7	113

Confusion matrix

	Sober (actual)	Drunk (actual)
Sober (predicted)	75	5
Drunk (predicted)	7	73

Confusion matrix

	Sober (actual)	Drunk (actual)
Sober (predicted)	75	5
Drunk (predicted)	0	80

Confusion matrix

	Sober (actual)	Drunk (actual)
Sober (predicted)	118	2
Drunk (predicted)	5	115