Fall detection systems

Signal acquisition

Vision	Wearable	Ambient
RGB-Camera	Accelerometer	Microphone
Omni-Camera	Gyroscope	Radar
Depth-Camera	Barometric pressure	Wi-Fi
		Vibrational
		Pressure

Feature extraction

Vision	Wearable	Ambient
Position	Position	Statistical measures
Motion	Velocity	Fourier transform
Shape	Angle	Wavelet transform
		Cepstrum features

Decision rule

Threshold	Machine learning
	kNN
	SVM
	HMM
	Decision Tree