

ONLY 2 COMBINATIONS

Sensors: 8 and 11

Test accuracy: 0.63
 Test accuracy: 0.643
 Test accuracy: 0.637
 Test accuracy: 0.625
 Test accuracy: 0.621
 Mean accuracy: 0.631
 Standard deviation: 0.008

Set 8 and 11



Sensors: 12 and 11

Test accuracy: 0.737
 Test accuracy: 0.727
 Test accuracy: 0.719
 Test accuracy: 0.756
 Test accuracy: 0.73
 Mean accuracy: 0.734
 Standard deviation: 0.012

Set 12 and 11



Set 1 and 12

Sensors: 1 and 12

Test accuracy: 0.754
 Test accuracy: 0.774
 Test accuracy: 0.757
 Test accuracy: 0.769
 Test accuracy: 0.752
 Mean accuracy: 0.761
 Standard deviation: 0.009



Sensors: 3 and 7

Test accuracy: 0.843
 Test accuracy: 0.836
 Test accuracy: 0.846
 Test accuracy: 0.842
 Test accuracy: 0.843
 Mean accuracy: 0.842
 Standard deviation: 0.003

Set 3 and 7



Set 8 and 1

Sensors: 8 and 1

Test accuracy: 0.692
 Test accuracy: 0.701
 Test accuracy: 0.671
 Test accuracy: 0.699
 Test accuracy: 0.693
 Mean accuracy: 0.691
 Standard deviation: 0.01



Sensors: 7 and 10

Test accuracy: 0.774
 Test accuracy: 0.775
 Test accuracy: 0.787
 Test accuracy: 0.765
 Test accuracy: 0.753
 Mean accuracy: 0.771
 Standard deviation: 0.011

Set 7 and 10



ONLY 4 COMBINATIONS

Selected sensors: 1, 12, 11, 8

Set 1,12,11 and 8

Test accuracy: 0.874

Test accuracy: 0.863

Test accuracy: 0.873

Test accuracy: 0.87

Test accuracy: 0.881

Mean accuracy: 0.872

Standard deviation: 0.006



Selected sensors: 3, 7, 8, 11

Set 3,7,8 and 11

Test accuracy: 0.891

Test accuracy: 0.897

Test accuracy: 0.913

Test accuracy: 0.905

Test accuracy: 0.895

Mean accuracy: 0.9

Standard deviation: 0.008



Selected sensors: 1, 12, 3, 7

Set 1,12,3 and 7

Test accuracy: 0.925

Test accuracy: 0.937

Test accuracy: 0.931

Test accuracy: 0.938

Test accuracy: 0.929

Mean accuracy: 0.932

Standard deviation: 0.005



Selected sensors: 2, 5, 6, 9

Set 2,5,6 and 9

Test accuracy: 0.862

Test accuracy: 0.863

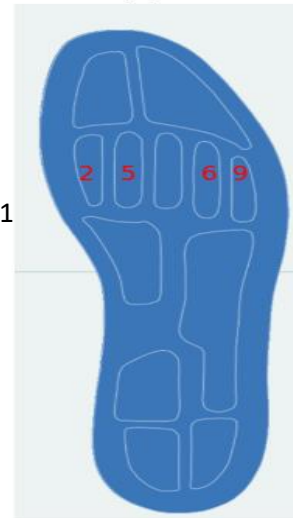
Test accuracy: 0.863

Test accuracy: 0.863

Test accuracy: 0.864

Mean accuracy: 0.863

Standard deviation: 0.001



ONLY 6 COMBINATIONS

Selected sensors: 1, 2, 4, 6, 9, 12

Test accuracy: 0.921

Test accuracy: 0.936

Test accuracy: 0.923

Test accuracy: 0.916

Test accuracy: 0.926

Mean accuracy: 0.924

Standard deviation: 0.007

Set 1,2,4,6,9 and 12



Selected sensors: 2, 4, 6, 5, 9, 3

Test accuracy: 0.929

Test accuracy: 0.941

Test accuracy: 0.939

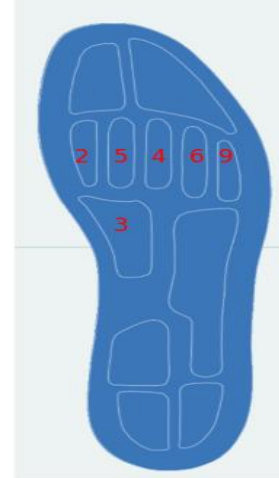
Test accuracy: 0.937

Test accuracy: 0.934

Mean accuracy: 0.936

Standard deviation: 0.004

Set 2,4,6,9,5 and 3



Selected sensors: 2, 4, 5, 9, 3, 7

Test accuracy: 0.945

Test accuracy: 0.937

Test accuracy: 0.954

Test accuracy: 0.937

Test accuracy: 0.939

Mean accuracy: 0.942

Standard deviation: 0.007

Set 2,4,5,9,3 and 7



Selected sensors: 3, 7, 8, 10, 11

Test accuracy: 0.911

Test accuracy: 0.92

Test accuracy: 0.919

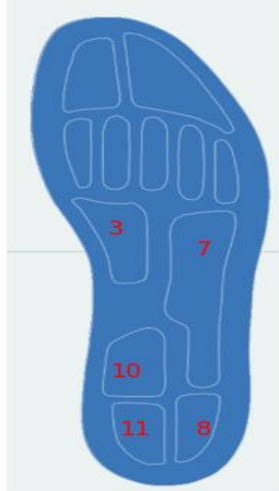
Test accuracy: 0.923

Test accuracy: 0.925

Mean accuracy: 0.919

Standard deviation: 0.005

Set 3,7,8,10 and 11



Selected sensors: 2, 4, 6, 5, 9, 7

Test accuracy: 0.94

Test accuracy: 0.926

Test accuracy: 0.931

Test accuracy: 0.93

Test accuracy: 0.934

Mean accuracy: 0.932

Standard deviation: 0.005

Set 2,4,6,9,5 and 7



ONLY 8 SENSORS COMBINATIONS

Selected sensors: 1, 2, 4, 5, 6, 9, 12, 3

Test accuracy: 0.958 Set 1,2,4,5,6,9,12 and 3

Test accuracy: 0.953

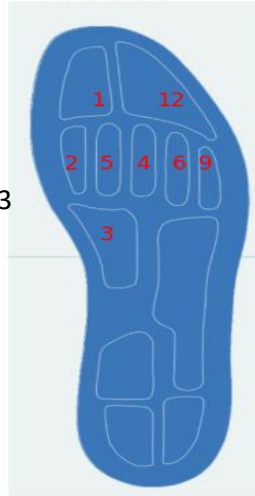
Test accuracy: 0.951

Test accuracy: 0.953

Test accuracy: 0.95

Mean accuracy: 0.953

Standard deviation: 0.003



Selected sensors: 1, 2, 4, 5, 6, 9, 12, 8

Test accuracy: 0.949 Set 1,2,4,5,6,9,12 and 8

Test accuracy: 0.958

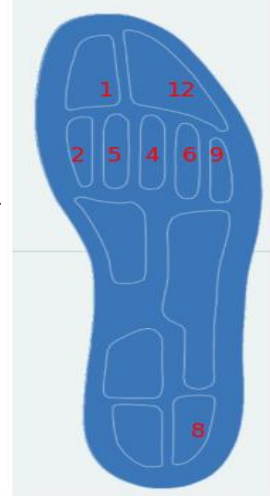
Test accuracy: 0.955

Test accuracy: 0.949

Test accuracy: 0.953

Mean accuracy: 0.953

Standard deviation: 0.004



Selected sensors: 1, 2, 4, 5, 6, 9, 12, 7

Test accuracy: 0.949 Set 1,2,4,5,6,9,12 and 7

Test accuracy: 0.943

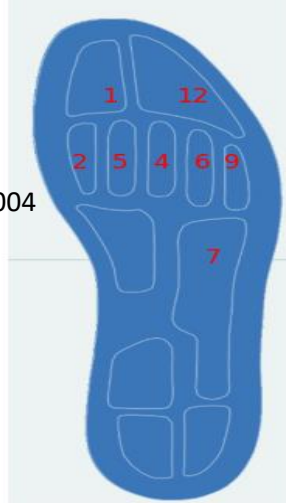
Test accuracy: 0.954

Test accuracy: 0.95

Test accuracy: 0.954

Mean accuracy: 0.95

Standard deviation: 0.004



Selected sensors: 1, 2, 4, 5, 6, 9, 8, 11

Test accuracy: 0.937 Set 1,2,4,6,9,8 and 11

Test accuracy: 0.946

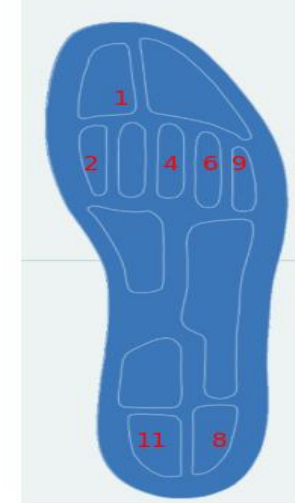
Test accuracy: 0.944

Test accuracy: 0.945

Test accuracy: 0.944

Mean accuracy: 0.943

Standard deviation: 0.003



Selected sensors: 1, 2, 4, 5, 6, 9, 12, 11

Test accuracy: 0.955 Set 1,2,4,5,6,9,12 and 11

Test accuracy: 0.943

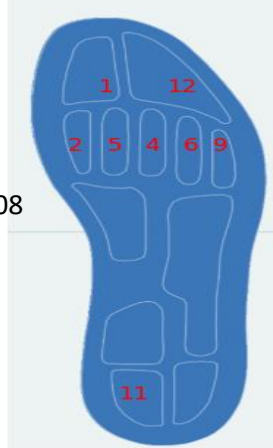
Test accuracy: 0.957





Test accuracy: 0.951

Test accuracy: 0.937

Mean accuracy: 0.949

Standard deviation: 0.008



ONLY 10 SENSORS COMBINATIONS	
<p>Selected sensors: 1, 12, 2, 5, 4, 6, 9, 3, 7, 10</p> <p>Test accuracy: 0.965 Set 1,12,2,5,4,6,9,3,7 and 10</p> <p>Test accuracy: 0.955</p> <p>Test accuracy: 0.971</p> <p>Test accuracy: 0.97</p> <p>Test accuracy: 0.967</p> <p>Mean accuracy: 0.966</p> <p>Standard deviation: 0.006</p> 	<p>Selected sensors: 1, 12, 2, 5, 4, 6, 9, 7, 8, 10</p> <p>Test accuracy: 0.969 Set 1,12,2,5,4,6,9,7,8 and 10</p> <p>Test accuracy: 0.967</p> <p>Test accuracy: 0.955</p> <p>Test accuracy: 0.959</p> <p>Test accuracy: 0.968</p> <p>Mean accuracy: 0.964</p> <p>Standard deviation: 0.006</p> 
<p>Selected sensors: 1, 12, 2, 5, 4, 6, 9, 3, 8, 10</p> <p>Test accuracy: 0.968</p> <p>Test accuracy: 0.964</p> <p>Test accuracy: 0.961 Set 1,12,2,5,4,6,9,3,8 and 10</p> <p>Test accuracy: 0.96</p> <p>Test accuracy: 0.961</p> <p>Mean accuracy: 0.963</p> <p>Standard deviation: 0.003</p> 	<p>Selected sensors: 8, 11, 2, 5, 4, 6, 9, 3, 7, 10</p> <p>Test accuracy: 0.961</p> <p>Test accuracy: 0.957</p> <p>Test accuracy: 0.967 Set 8,11,2,5,4,6,9,3,7 and 10</p> <p>Test accuracy: 0.957</p> <p>Test accuracy: 0.961</p> <p>Mean accuracy: 0.961</p> <p>Standard deviation: 0.004</p> 

ALL 12 SENSORS

Test accuracy: 0.971

Test accuracy: 0.968

Test accuracy: 0.963

Test accuracy: 0.969

Test accuracy: 0.977

Mean accuracy: 0.97

Standard deviation: 0.005

All sensors



USE OF SINGLE SENSORS

SENSOR 1

Test accuracy for sensor 1: 0.457
Test accuracy for sensor 1: 0.457
Test accuracy for sensor 1: 0.461
Test accuracy for sensor 1: 0.468
Test accuracy for sensor 1: 0.473
Mean accuracy for sensor 1: 0.463
Standard deviation for sensor 1: 0.007

Sensor 1



SENSOR 2

Test accuracy for sensor 2: 0.477
Test accuracy for sensor 2: 0.488
Test accuracy for sensor 2: 0.485
Test accuracy for sensor 2: 0.487
Test accuracy for sensor 2: 0.481
Mean accuracy for sensor 2: 0.484
Standard deviation for sensor 2: 0.004

Sensor 2



SENSOR 3

Test accuracy for sensor 3: 0.629
Test accuracy for sensor 3: 0.654
Test accuracy for sensor 3: 0.645
Test accuracy for sensor 3: 0.636
Test accuracy for sensor 3: 0.659
Mean accuracy for sensor 3: 0.645
Standard deviation for sensor 3: 0.011

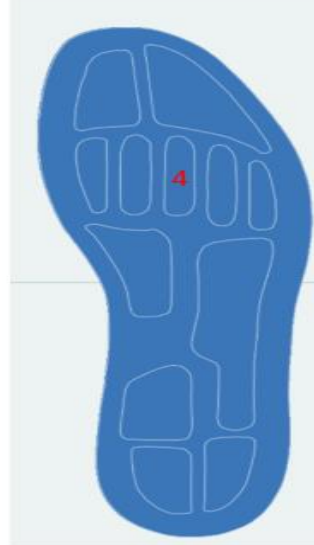
Sensor 3



SENSOR 4

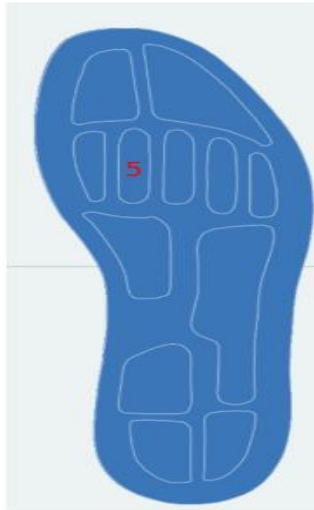
Test accuracy for sensor 4: 0.429
Test accuracy for sensor 4: 0.437
Test accuracy for sensor 4: 0.411
Test accuracy for sensor 4: 0.44
Test accuracy for sensor 4: 0.425
Mean accuracy for sensor 4: 0.428
Standard deviation for sensor 4: 0.01

Sensor 4

**SENSOR 5**

Test accuracy for sensor 5: 0.502
Test accuracy for sensor 5: 0.507
Test accuracy for sensor 5: 0.521
Test accuracy for sensor 5: 0.506
Test accuracy for sensor 5: 0.497
Mean accuracy for sensor 5: 0.507
Standard deviation for sensor 5: 0.008

Sensor 5

**SENSOR 6**

Test accuracy for sensor 6: 0.448
Test accuracy for sensor 6: 0.441
Test accuracy for sensor 6: 0.453
Test accuracy for sensor 6: 0.45
Test accuracy for sensor 6: 0.443
Mean accuracy for sensor 6: 0.447
Standard deviation for sensor 6: 0.004

Sensor 6



SENSOR 7

Test accuracy for sensor 7: 0.56
Test accuracy for sensor 7: 0.564
Test accuracy for sensor 7: 0.578
Test accuracy for sensor 7: 0.554
Test accuracy for sensor 7: 0.563
Mean accuracy for sensor 7: 0.564
Standard deviation for sensor 7: 0.008

Sensor 7

**SENSOR 8**

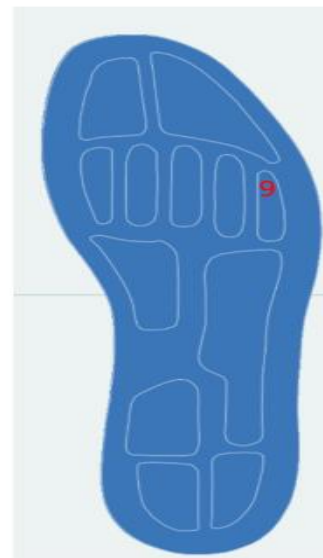
Test accuracy for sensor 8: 0.405
Test accuracy for sensor 8: 0.433
Test accuracy for sensor 8: 0.429
Test accuracy for sensor 8: 0.418
Test accuracy for sensor 8: 0.394
Mean accuracy for sensor 8: 0.416
Standard deviation for sensor 8: 0.015

Sensor 8

**SENSOR 9**

Test accuracy for sensor 9: 0.47
Test accuracy for sensor 9: 0.479
Test accuracy for sensor 9: 0.487
Test accuracy for sensor 9: 0.463
Test accuracy for sensor 9: 0.471
Mean accuracy for sensor 9: 0.474
Standard deviation for sensor 9: 0.008

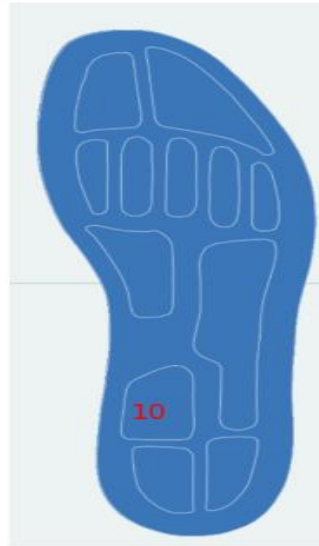
Sensor 9



SENSOR 10

Test accuracy for sensor 10: 0.473
Test accuracy for sensor 10: 0.47
Test accuracy for sensor 10: 0.473
Test accuracy for sensor 10: 0.477
Test accuracy for sensor 10: 0.475
Mean accuracy for sensor 10: 0.474
Standard deviation for sensor 10: 0.003

Sensor 10

**SENSOR11**

Test accuracy for sensor 11: 0.457
Test accuracy for sensor 11: 0.449
Test accuracy for sensor 11: 0.466
Test accuracy for sensor 11: 0.436
Test accuracy for sensor 11: 0.473
Mean accuracy for sensor 11: 0.456
Standard deviation for sensor 11: 0.013

Sensor 11

**SENSOR 12**

Test accuracy for sensor 12: 0.542
Test accuracy for sensor 12: 0.538
Test accuracy for sensor 12: 0.544
Test accuracy for sensor 12: 0.553
Test accuracy for sensor 12: 0.568
Mean accuracy for sensor 12: 0.549
Standard deviation for sensor 12: 0.011

Sensor 12

