RSS-based location dataset collected in experiment session reported in the following paper

> Le, D.V and Havinga P. J. M. (2017) SoLoc: Self-organizing Indoor Localization for Unstructured and Dynamic Environments. In: The 18th International Conference on Indoor Localization and Indoor Navigation (IPIN 2017) 18-21 November 2017, Sapporo, Japan

The data contains RSS measurements from a smartphone to 11 WiFi APs and 46 Bluetooth beacons at 603 points, of which 128 for the training set and 475 points for the test set. This dataset can be used for both fingeringting localization and rang-based localization.

Variables:

P_SA - RSS values between the smartphone and 11 WiFi APs
APLocs - x and y coordinates of 11 APs with RSS values stored in P_SA
P_SB - RSS values between the smartphone and 11 WiFi APs
BeaconLocs - x and y coordinates of 46 Bluetooth beacons with RSS values stored in P_SB
MeasLocs - x and y coordinates of the smartphone with RSS values stored in P_SA and P_SB
P_SA_Signatures - RSS values between the smartphone and 11 WiFi APs for calibration points (signatures)
P_SB_Signatures - RSS values between the smartphone and 46 Bluetooth beacons for calibration points (signatures)
SignatureLocs - x and y coordinates of calibration points (signatures) with RSS values stored in P_SA_Signature and P_SB_Signature
P_SA_Tests - RSS values between the smartphone and 11 WiFi APs for test points
P_SB_Tests - RSS values between the smartphone and 46 Bluetooth beacons for test points
TestLocs - x and y coordinates of test points with RSS values stored in P_SA_Tests and P_SB_Tests
P_Signatures - combination of RSS values for calibration points (signatures) - P_SA_Signature and P_SB_Signature
P_Tests - combination of RSS values for test points - P_SA_Tests and P_SB_Tests

This dataset is downloaded from http://ps.ewi.utwente.nl/Datasets.php

If you are using this dataset in your research please reference the paper and the website given above.