1. Different Received signal strength Indicator **(RSSI)** **threshold**:

Chart, line chart

Description automatically generated

1. **Moisture ranges** for different types of soils:

Chart, line chart

Description automatically generated

1. Different **step sizes:**

Chart, line chart

Description automatically generated

1. Different **Cluster sizes**:

Chart, line chart

Description automatically generated

1. Different **methods**:

Decentralized Algorithm with **positive constant** dual parameter:

A picture containing chart

Description automatically generated

Decentralized Algorithm with **negative constant** dual parameter:

Chart, line chart

Description automatically generated

Our plots:

Chart

Description automatically generated with medium confidence