HerbNet Download File Descriptions

1, Herb driver/passenger classification

Table: Herbs

1) Herb: The name of herb.
2) Support: Frequency of the herb appearance in all prescriptions.
3) THScore：Topological-Hub score (THScore) calculated using the PageRank algorithm.
4) Class: The classification of the herb.

Table: Herb-herb interactions

1) Herb1: The name of herb1.
2) Herb2: The name of her b2.
3) Interaction: Interaction value between herb1 and herb2.

2, Herb-herb coocurence/exclusivity

Table: Herbs

1) Herb: The name of herb.
2) Support: Frequency of the herb appearance in all prescriptions.
3) THScore：Topological-Hub score (THScore) calculated using the PageRank algorithm.
4) Class: The classification of the herb.

Table: Herb-herb coocurence

1) Herb1: The name of herb1.
2) Herb2: The name of herb2.
3) Interaction: Interaction value between herb1 and herb2.
4) Herb_pair: herb1, herb2
5) pValue: P value calculated from Fisher's Test
6) Event_ratio: Co_event / Ex_event
7) Co_event: Co-occurrence event
8) Ex_event: Exclusive event
9) Total_event: Sum of Co-occurrence event and exclusive event
10) Level: Nine levels of co-occurrence and mutual exclusivity, including -4, -3, -2 -1 ,0 , 1 , 2, 3, 4.

3, Herb-symptom associations

Table: Herbs

1) Herb: The name of herb.
2) Support: Frequency of the herb appearance in all prescriptions.

3) THScore：Topological-Hub score (THScore) calculated using the PageRank algorithm.
4) Class: The classification of the herb.

Table: Symptoms

Symptom: The name of symptom
Support: Frequency of the symptom appearance in all prescriptions.

Table: Symptom-herb associations

Symptom: The name of symptom
Herb: The name of herb
Association: Confidence score in association rule mining calculated for symptom-herb association
Event: The number of using a certain herb when having a symptom