FangNet Download File Descriptions

1, Herb driver/passenger attributes

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) Dosage_SD:The dosage of herb.
5) Cooccurrence:Co-occurrence herb.
6) Classification: The classification of the herb.

Table: Herb-herb interactions

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

2, Herb-herb co-occurrence and Mutual 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) Dosage_SD:The dosage of herb.
5) Cooccurrence:Cooccurrence drugs.
6) Classification: The classification of the herb.

Table: Herb-herb coocurence

1) Herb1: The name of herb1.
2) Herb2: The name of herb2.
3) Co_ratio: Co_event/Total_event.
4) Herb_pair:herb1,herb2.
5) pValue: P value calculated from Fisher's Test.
6) Event_ratio:Co_event /Ex_event.
7) Co_event: Event count of two herbs occurring in the same prescription.
8) Ex_event: Event count of two herbs occurring in a separate prescription.
9) Total_event: Event count of two herbs used in any prescriptions.
10) Co_level: Nine levels of co-occurrence and mutual exclusivity, including -4, -3, -2 -1 ,0 , 1 , 2, 3, 4.
11) Prob_1to2:Frequency of using Herb2 when Herb1 used.
12) Prob_2to1:Frequency of using Herb1 when Herb2 used.

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

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

Table: Symptom-herb associations

1) Symptom: The name of symptom
2) Herb: The name of herb
3) Association: Confidence score in association rule mining calculated for symptom-herb
4) association Event: The number of using a certain herb when having a symptom
5) Symptom_support:Frequency of the symptom appearance in all prescriptions.
6) Herb_support:Frequency of the herb appearance in all prescriptions.