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HELP FILE: LOOK AT ASSOCIATIONS

A. Data on Social Associations

1. Overview

(a) Non-kin social associations

Non-kin social associations are a key component of the biographical information in CBDB. The types of association include friendship, teacher-student, client-patron and many other forms of connections between individuals or between individuals and larger groups (like being listed in a factional clique or as part of a cohort of examinees who attained the *jinshi* degree in a particular year).

While the basic structure of the data is simple (person + association + associate), a major challenge in recording the non-kinship **Associations** that individuals formed over their lives has been to control the proliferation of the categories of association. These categories of association derive from the texts that provide the biographical information, but in many cases CBDB cannot simply use the actual phrasing in the text—which would lead to an explosion of very particular categories—and, instead, the editor must make the judgment to treat the association as an instance of a more general category. Using this approach, CBDB at present has 462 categories of association, divided into 10 broad clusters with 35 subcluster.

(b) Dyadic and Triadic Associations

Because associations are between pairs of people (however, see below), there must be symmetrical types of associations. That is, if {**A** "is the student of" **B**} is in the database, then {**B** "is the teacher of" **A**} also should be so. In fact, the current version of the program automatically generates this second entry. Thus Associations as an entity has an internal structure:

Association type
Paired Association type
Association Categories/subcategories (3 levels at present)

When one creates a new category of **Association**, one must also create its converse. Mutual associations, of course, are their own converse: {**A** "is friend of" **B**} is the same as {**B** "is friend of" **A**}. Here the roles of **A** and **B** are **reciprocal**. In most associations, however, the two people play distinct roles in which one person plays an **active** role in creating the association and the other a more passive role, and CBDB needs the converse category to capture the roles of the two people from their different perspectives: to record for **A** that {**A** "followed" **B**} also means that for **B**, {**B** "*was* followed *by*" **A**}. Some associations are not dyadic because the relation is not to a person but to a more abstract or general object. The most important type of association of this type is the faction. Thus we have {**A** "is member of the purged Yuanyou group" ∅} (∅ here is the *Null* (Empty) element.) A few rare relations are **triadic**: {**A** "ordered" **B** "to execute" **C**}. CBDB has added a third field to capture such situations but does not yet process such triadic relations in its analytic routines because such relations, called *hypergraphs* in the social network analysis literature, cannot be processed by many SNA programs.

(c) Mediated Associations

In some important cases, associations form through the *mediation* of people or of institutions like local academies or temples. CBDB captures these types of relations by adding additional data to associations. For example, we might know of a relation between X and Y because X wrote a biography for Y's mother's tomb. We may not know if Y directly asked X to write the inscription, but the fact that the mother plays a role in creating the relationship should be recorded.

2. Structure of an Association Record

Because associations in pre-modern Chinese society often are complex, the table tracking associations in CBDB uses a correspondingly large number of fields:

(a) Basic Information

1. Person
2. Associated person
3. The association: the association is *directed*. That is, if A wrote to B, A is the **active** party. Here, A took the action, while B may have never received the letter, may not have welcomed it, or may not have even noticed it. In some cases, lie friendship, associations are **reciprocal** and *bidirectional.* In its reporting, CBDB selects the **active** member of the pair of records that record the associations.
4. The number of objects or events establishing the association (If X wrote 15 letters to Y all with the same title, for example, CBDB has just one record for those 15 letters.)

(b) Information about Kinship and Other Relations that played a role in the Association

5. The *kinship relation*, if the association was established through a relative of the person
6. The *person* whose kinship relation established the association
7. The kinship relation, if the association was established through a *relative of the associated person*
8. The *kin of the associate* through whom the association was established
9. The name of the person who *claimed the existence* of the association: for example, a son claiming it for his father

(c) Time and Place of the Association

10. The *place* of the association
11. The *sequence* of an association, if one does not know the actual date
12. The *date* of the association (year, month, and day, if known)

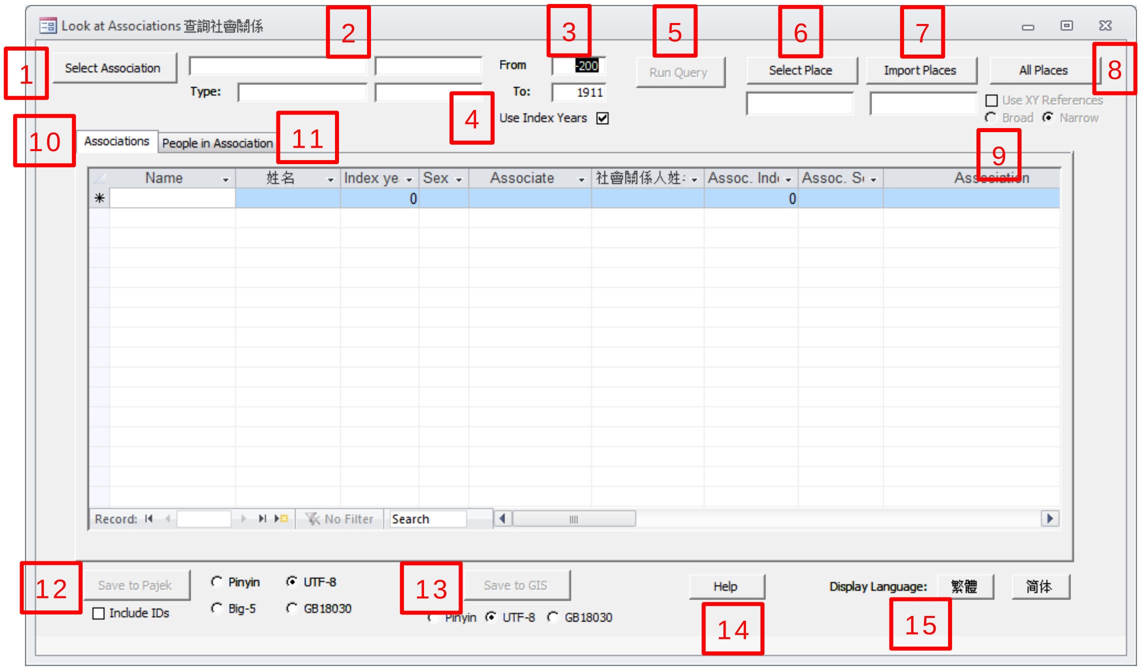
(d) Contextual Information

13. The *social institution* at or through which the association was established
14. The *occasion* on which the association was established
15. The *genre* of the writing that establishes the association, if relevant
16. The *title* of the work that established the association, if relevant
17. The *scholarly topic* around which the association was formed

(e) Source and Notes

18. Source
19. Note

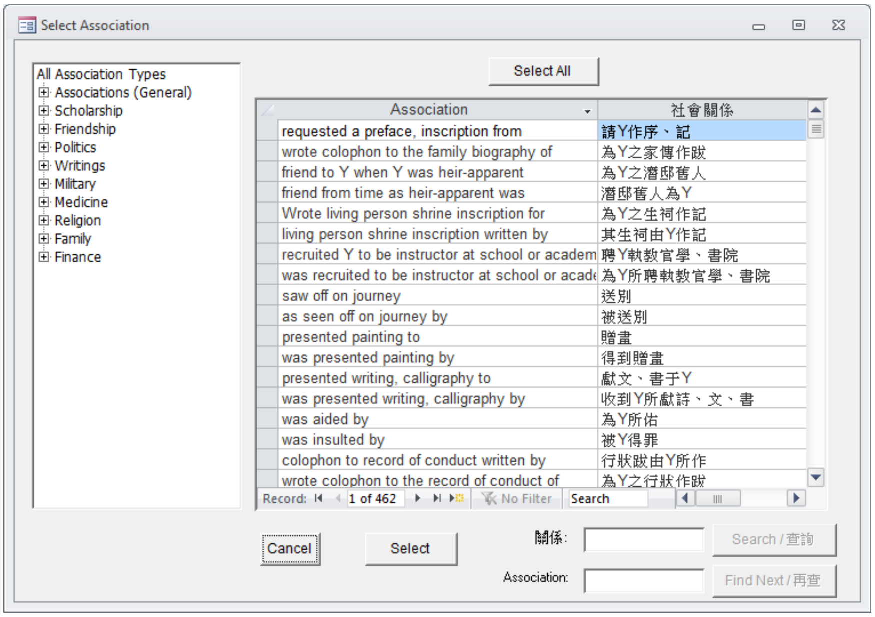
B. The Interface


Look at Associations 查詢社會關係
1
Select Association
2
Type:
3
5
Run Query
6
Select Place
7
Import Places
All Places
8
9
4
10
Associations
People in Association
11
Name
姓名
Index ye
Sex
Associate
社會關係人姓:
Assoc. Ind
Assoc. S
Association
Record:
No Filter
Search
12
Save to Pajek
13
Save to GIS
Help
14
Display Language:
繁體
简体
15

From: -200
To: 1911
Use Index Years ☑
☐ Use XY References
○ Broad ● Narrow
☐ Include IDs
○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
○ Pinyin ● UTF-8 ○ GB18030

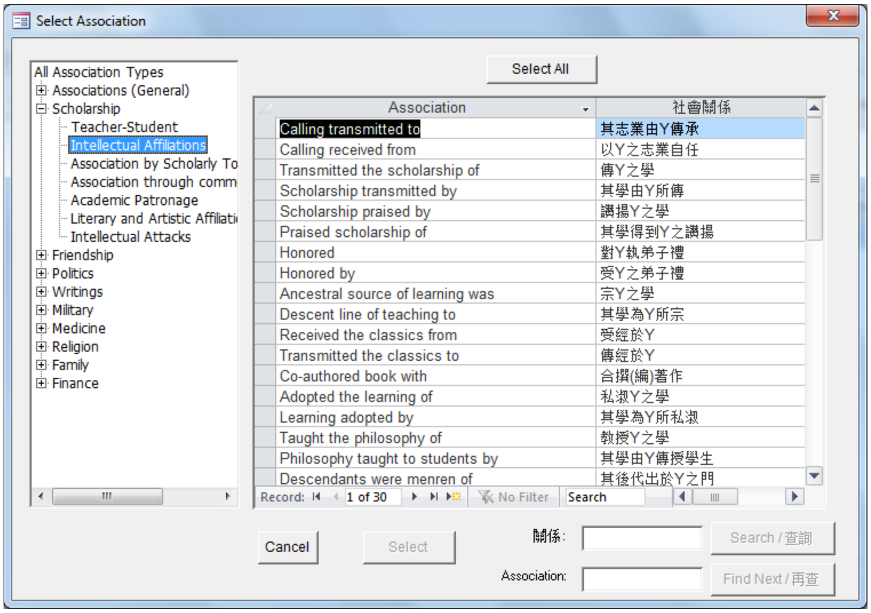
1. ***Select Association*** *Command Button*

LookAtAssociations allows one to look at the people who have participated in particular associations or categories of associations. After opening the form, one clicks on **Select Association** to choose the type of association one wants to investigate. There are over four hundred categories of associations, so CBDB allows one to pick by type and subtype.


Select Association
All Association Types
Associations (General)
Scholarship
Friendship
Politics
Writings
Military
Medicine
Religion
Family
Finance
Select All
Record: 1 of 462
No Filter
Search
Cancel
Select
關係:
Association:
Search / 查詢
Find Next / 再查

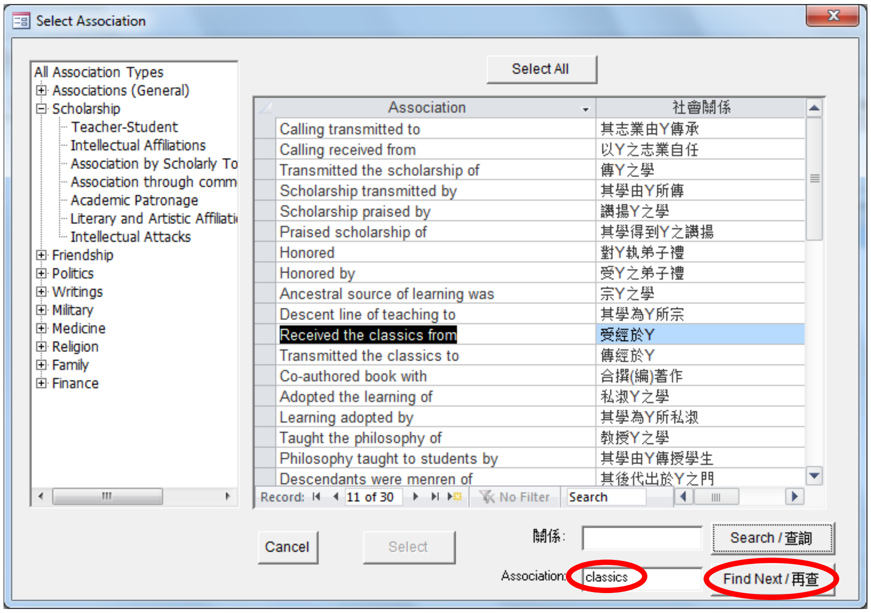
Association	社會關係
requested a preface, inscription from	請Y作序、記
wrote colophon to the family biography of	為Y之家傳作跋
friend to Y when Y was heir-apparent	為Y之潛邸舊人
friend from time as heir-apparent was	潛邸舊人為Y
Wrote living person shrine inscription for	為Y之生祠作記
living person shrine inscription written by	其生祠由Y作記
recruited Y to be instructor at school or academ	聘Y執教官學、書院
was recruited to be instructor at school or acade	為Y所聘執教官學、書院
saw off on journey	送別
as seen off on journey by	被送別
presented painting to	贈畫
was presented painting by	得到贈畫
presented writing, calligraphy to	獻文、書于Y
was presented writing, calligraphy by	收到Y所獻詩、文、書
was aided by	為Y所佑
was insulted by	被Y得罪
colophon to record of conduct written by	行狀跋由Y所作
wrote colophon to the record of conduct of	為Y之行狀作跋

Consider the military associations. Under "Scholarship" there are seven subtypes. The "Intellectual Affiliations" subtype in turn has 30 categories of associations:


Select Association
All Association Types
Associations (General)
Scholarship
Teacher-Student
Intellectual Affiliations
Association by Scholarly To
Association through comm
Academic Patronage
Literary and Artistic Affiliati
Intellectual Attacks
Friendship
Politics
Writings
Military
Medicine
Religion
Family
Finance
Select All
Record: 1 of 30
No Filter
Search
Cancel
Select
關係:
Association:
Search / 查詢
Find Next / 再查

Association	社會關係
Calling transmitted to	其志業由Y傳承
Calling received from	以Y之志業自任
Transmitted the scholarship of	傳Y之學
Scholarship transmitted by	其學由Y所傳
Scholarship praised by	讚揚Y之學
Praised scholarship of	其學得到Y之讚揚
Honored	對Y執弟子禮
Honored by	受Y之弟子禮
Ancestral source of learning was	宗Y之學
Descent line of teaching to	其學為Y所宗
Received the classics from	受經於Y
Transmitted the classics to	傳經於Y
Co-authored book with	合撰(編)著作
Adopted the learning of	私淑Y之學
Learning adopted by	其學為Y所私淑
Taught the philosophy of	教授Y之學
Philosophy taught to students by	其學由Y傳授學生
Descendants were menren of	其後代出於Y之門

Note that, as with entry, one can search for terms in the table of associations in both English and Chinese and search again if the first item found is not what you are looking for. Note that in searching for "classics," CBDB finds strings in which the term appears in the middle of the string as well as at the beginning. If the first entry with "classics" is not what one is seeking, one can click on **Find Next** to scroll through all relevant associations.


Select Association
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Associations (General)
Scholarship
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Intellectual Affiliations
Association by Scholarly To
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Literary and Artistic Affiliati
Intellectual Attacks
Friendship
Politics
Writings
Military
Medicine
Religion
Family
Finance
Select All
No Filter
Search
Cancel
Select
Search / 查詢
Find Next / 再查

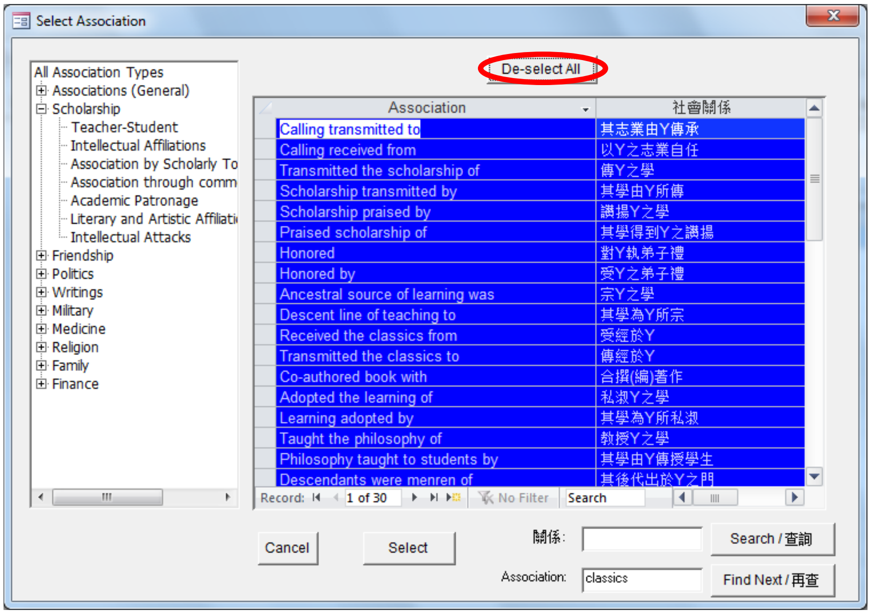
Association	社會關係
Calling transmitted to	其志業由Y傳承
Calling received from	以Y之志業自任
Transmitted the scholarship of	傳Y之學
Scholarship transmitted by	其學由Y所傳
Scholarship praised by	讚揚Y之學
Praised scholarship of	其學得到Y之讚揚
Honored	對Y執弟子禮
Honored by	受Y之弟子禮
Ancestral source of learning was	宗Y之學
Descent line of teaching to	其學為Y所宗
Received the classics from	受經於Y
Transmitted the classics to	傳經於Y
Co-authored book with	合撰(編)著作
Adopted the learning of	私淑Y之學
Learning adopted by	其學為Y所私淑
Taught the philosophy of	教授Y之學
Philosophy taught to students by	其學由Y傳授學生
Descendants were menren of	其後代出於Y之門

Record: 11 of 30

關係:

Association: classics

If one wants to select all the associations that are part of the subcategory "Intellectual Affiliations," one clicks on **Select All** and then on **Select** to exit the selection form. If one wants to unselect the associations, simply click on **De-Select All** and make a new selection.


Select Association
All Association Types
Associations (General)
Scholarship
Teacher-Student
Intellectual Affiliations
Association by Scholarly To
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Academic Patronage
Literary and Artistic Affiliati
Intellectual Attacks
Friendship
Politics
Writings
Military
Medicine
Religion
Family
Finance
De-select All
No Filter
Search
Cancel
Select
Search / 查詢
Find Next / 再查

Association	社會關係
Calling transmitted to	其志業由Y傳承
Calling received from	以Y之志業自任
Transmitted the scholarship of	傳Y之學
Scholarship transmitted by	其學由Y所傳
Scholarship praised by	讚揚Y之學
Praised scholarship of	其學得到Y之讚揚
Honored	對Y執弟子禮
Honored by	受Y之弟子禮
Ancestral source of learning was	宗Y之學
Descent line of teaching to	其學為Y所宗
Received the classics from	受經於Y
Transmitted the classics to	傳經於Y
Co-authored book with	合撰(編)著作
Adopted the learning of	私淑Y之學
Learning adopted by	其學為Y所私淑
Taught the philosophy of	教授Y之學
Philosophy taught to students by	其學由Y傳授學生
Descendants were menren of	其後代出於Y之門

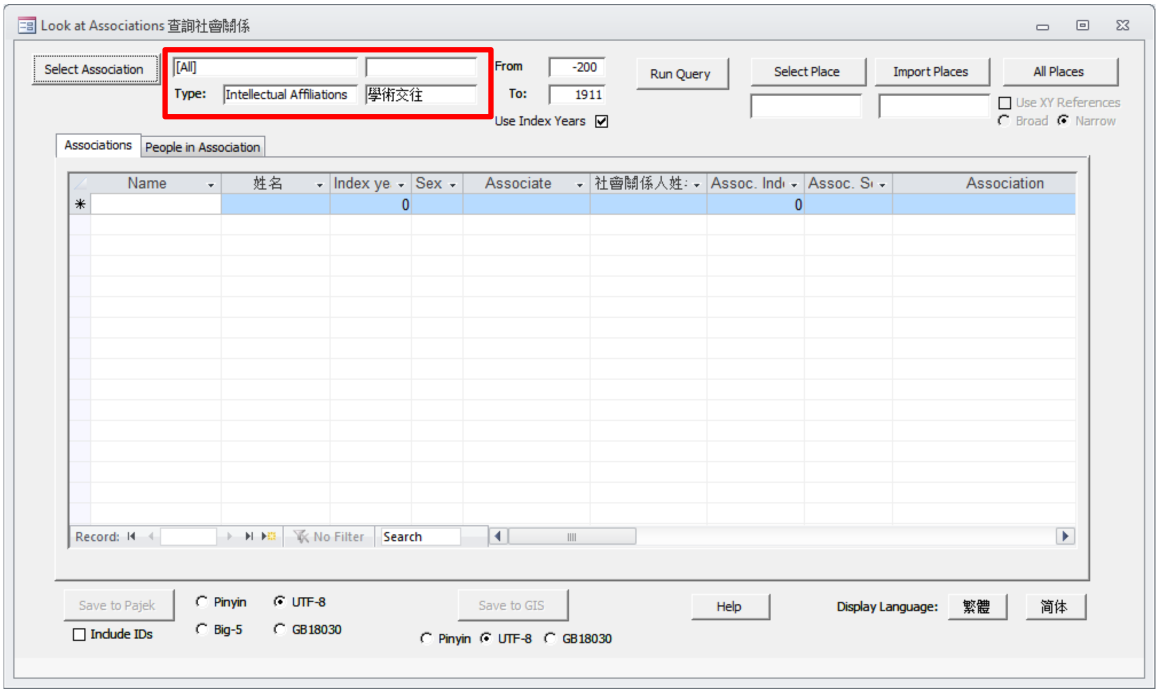
Record: 1 of 30

關係:

Association: classics

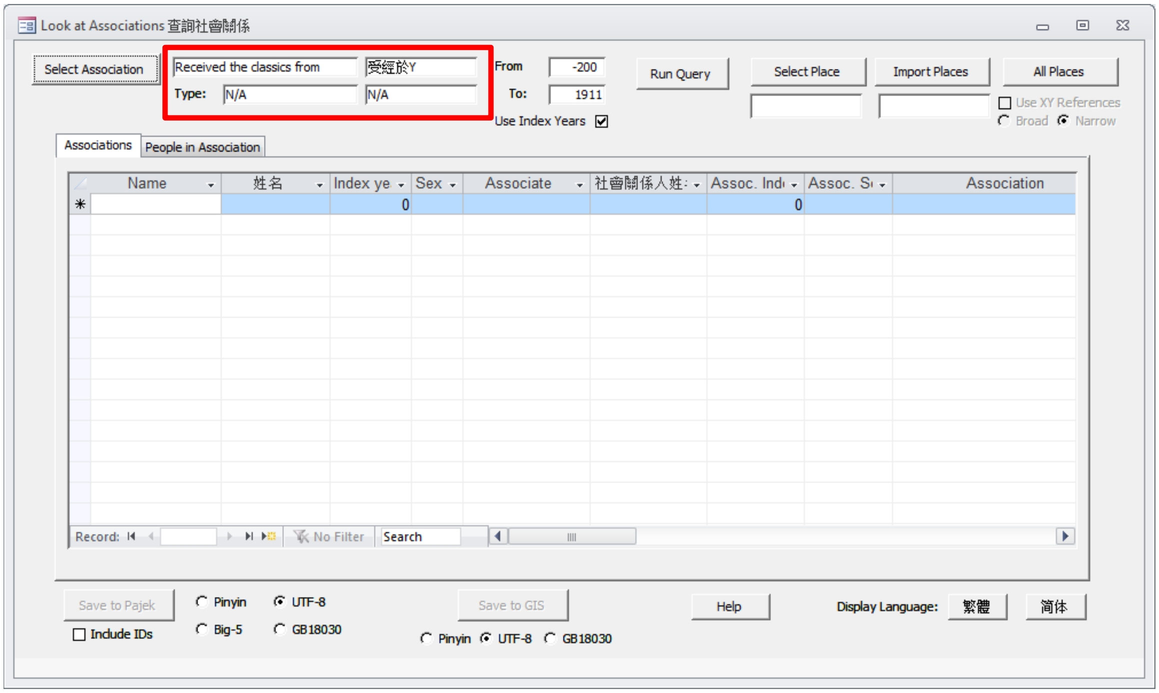
2. ***Selected Association and Association Type*** *Text Box*

In the following screen, I have selected *all associations of Intellectual Affiliation*. When one chooses all the associations in a type or subtype, the Association text box has "[All]"


Look at Associations 查詢社會關係

[All]
Type: Intellectual Affiliations 學術交往
From -200
To: 1911
Use Index Years ☑
☐ Use XY References
○ Broad ● Narrow
○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs
○ Pinyin ● UTF-8 ○ GB18030
Select Association
Run Query
Select Place
Import Places
All Places
Associations
People in Association
Name
姓名
Index ye
Sex
Associate
社會關係人姓:
Assoc. Ind
Assoc. S
Association
0
0
Record:
No Filter
Search
Save to Pajek
Save to GIS
Help
Display Language:
繁體
简体

If, however, the user selects a specific association like "received classics from," then that association (in both English and Chinese) appears in the **Association** text box, while "N/A," for "Not Applicable," appears in the **Association Type** text box:


Look at Associations 查詢社會關係

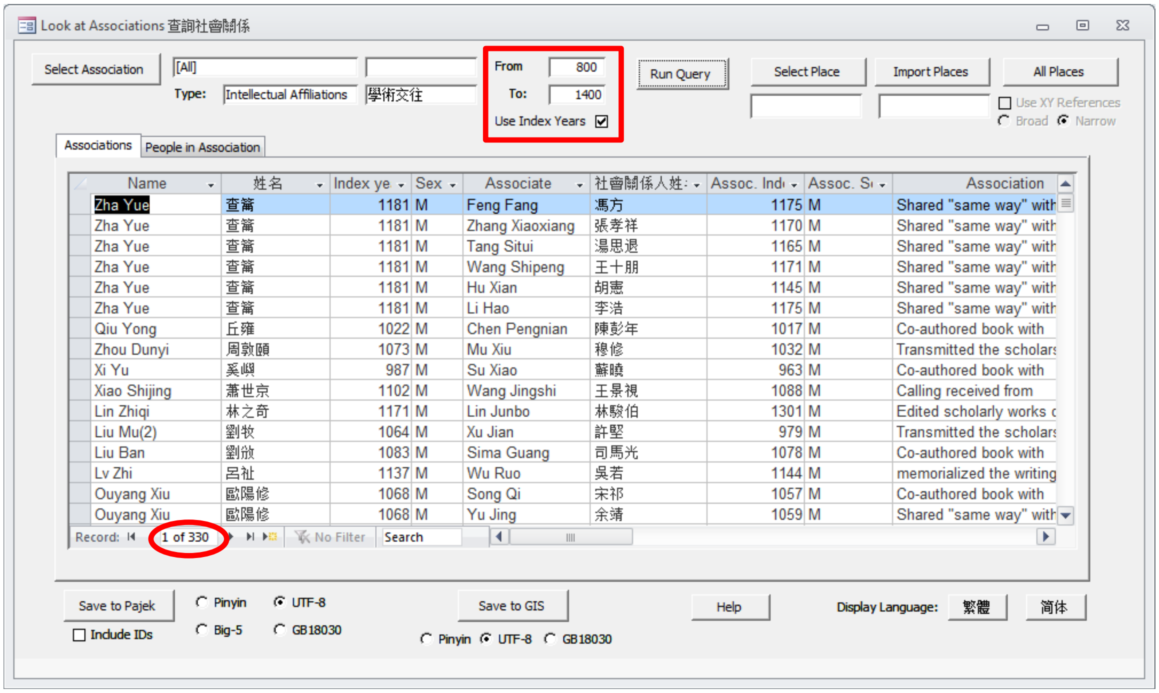
Received the classics from 受經於Y
Type: N/A N/A
From -200
To: 1911
Use Index Years ☑
☐ Use XY References
○ Broad ● Narrow
○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs
○ Pinyin ● UTF-8 ○ GB18030
Select Association
Run Query
Select Place
Import Places
All Places
Associations
People in Association
Name
姓名
Index ye
Sex
Associate
社會關係人姓:
Assoc. Ind
Assoc. S
Association
0
0
Record:
No Filter
Search
Save to Pajek
Save to GIS
Help
Display Language:
繁體
简体

3. ***From and To Years*** *Text Boxes*

Once the user has selected the association(s) to be explored, user then must decide whether to limit the search by the index year of the **active** member in the association. CBDB uses the index year of the active member because, although dates are a part of the ASSOC_DATA table, CBDB does not have date information for most associations. Thus, as a second-best alternative, **LookAtAssociations** uses the ***index year*** of the individuals to see whether they fall within the specified beginning and end dates the **From** an **To** text boxes.

4. ***Use Index Year*** *Check Box*

Using the index year of people introduces a significant limitation at the same time that it allows one to focus on specific timeframes: people for whom CBDB does not have an index year simply disappear from the results. Thus CBDB allows one to search without using the index years by clicking on the **Use Index Years** check box directly below the input boxes for years. For example, if one looks at all "intellectual affiliation" associations between 800 and 1400, one gets 330 results:


Look at Associations 查詢社會關係
Select Association
Run Query
Select Place
Import Places
All Places
☐ Use XY References
○ Broad ● Narrow
Associations
People in Association
No Filter
Search
Save to Pajek
☐ Include IDs
○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
Save to GIS
○ Pinyin ● UTF-8 ○ GB18030
Help
Display Language: 繁體 简体

[All]

Type: Intellectual Affiliations 學術交往

From 800

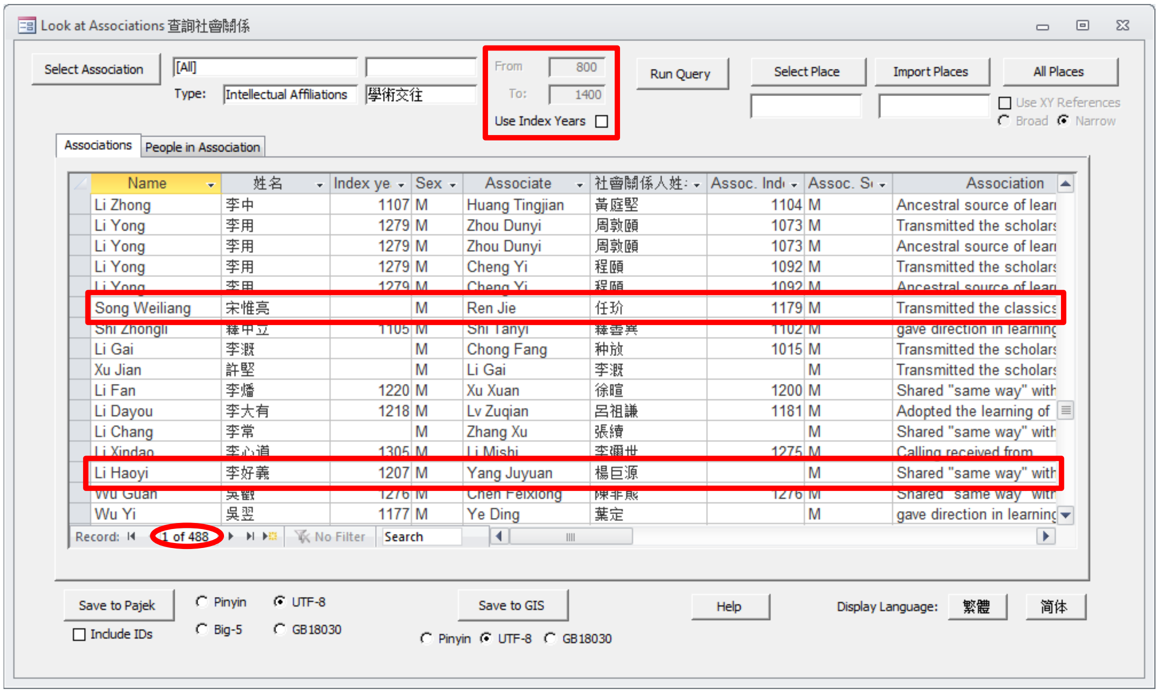
To: 1400

Use Index Years ☑

Name	姓名	Index ye	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
Zha Yue	查籥	1181	M	Feng Fang	馮方	1175	M	Shared "same way" with
Zha Yue	查籥	1181	M	Zhang Xiaoxiang	張孝祥	1170	M	Shared "same way" with
Zha Yue	查籥	1181	M	Tang Situi	湯思退	1165	M	Shared "same way" with
Zha Yue	查籥	1181	M	Wang Shipeng	王十朋	1171	M	Shared "same way" with
Zha Yue	查籥	1181	M	Hu Xian	胡憲	1145	M	Shared "same way" with
Zha Yue	查籥	1181	M	Li Hao	李浩	1175	M	Shared "same way" with
Qiu Yong	丘雍	1022	M	Chen Pengnian	陳彭年	1017	M	Co-authored book with
Zhou Dunyi	周敦頤	1073	M	Mu Xiu	穆修	1032	M	Transmitted the scholar
Xi Yu	奚嶼	987	M	Su Xiao	蘇曉	963	M	Co-authored book with
Xiao Shijing	蕭世京	1102	M	Wang Jingshi	王景視	1088	M	Calling received from
Lin Zhiqi	林之奇	1171	M	Lin Junbo	林駿伯	1301	M	Edited scholarly works
Liu Mu(2)	劉牧	1064	M	Xu Jian	許堅	979	M	Transmitted the scholar
Liu Ban	劉攽	1083	M	Sima Guang	司馬光	1078	M	Co-authored book with
Lv Zhi	呂祉	1137	M	Wu Ruo	吳若	1144	M	memorialized the writing
Ouyang Xiu	歐陽修	1068	M	Song Qi	宋祁	1057	M	Co-authored book with
Ouyang Xiu	歐陽修	1068	M	Yu Jing	余靖	1059	M	Shared "same way" with

Record: 1 of 330

However, if one removes the constraint, one gets significantly more associations because of the additional records for people with no index years. Note that in some of these records, one of the two people participating in the association *does* have an index year. (The association does not guarantee that the two people are contemporaries, since a later (undated) person can, for example, declare intellectual allegiance to a famous earlier figure.



[All]
Type: Intellectual Affiliations 學術交往
From 800
To: 1400
Use Index Years ☐
☐ Use XY References
○ Broad ● Narrow

Name	姓名	Index ye	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
Li Zhong	李中	1107	M	Huang Tingjian	黃庭堅	1104	M	Ancestral source of lear
Li Yong	李用	1279	M	Zhou Dunyi	周敦頤	1073	M	Transmitted the scholar
Li Yong	李用	1279	M	Zhou Dunyi	周敦頤	1073	M	Ancestral source of lear
Li Yong	李用	1279	M	Cheng Yi	程頤	1092	M	Transmitted the scholar
Li Yong	李用	1279	M	Cheng Yi	程頤	1092	M	Ancestral source of lear
Song Weiliang	宋惟亮		M	Ren Jie	任玠	1179	M	Transmitted the classics
Shi Zhongli	[illegible]	1105	M	Shi Tanyi	[illegible]	1102	M	gave direction in learning
Li Gai	李溉		M	Chong Fang	种放	1015	M	Transmitted the scholar
Xu Jian	許堅		M	Li Gai	李溉		M	Transmitted the scholar
Li Fan	李燔	1220	M	Xu Xuan	徐暄	1200	M	Shared "same way" with
Li Dayou	李大有	1218	M	Lv Zuqian	呂祖謙	1181	M	Adopted the learning of
Li Chang	李常		M	Zhang Xu	張續		M	Shared "same way" with
Li Xindao	李心道	1305	M	Li Mishi	李彌世	1275	M	Calling received from
Li Haoyi	李好義	1207	M	Yang Juyuan	楊巨源		M	Shared "same way" with
Wu Guan	吳觀	1276	M	Chen Feixiong	陳非熊	1276	M	Shared "same way" with
Wu Yi	吳翌	1177	M	Ye Ding	葉定		M	gave direction in learning

Record: 1 of 488

☐ Include IDs
○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
○ Pinyin ● UTF-8 ○ GB18030
Display Language:

5. ***Run Query*** *Command Button*

The **Run Query** button initially is disabled (i.e. grey), but it becomes active as soon as one has selected an association to explore. One clicks the **Run Query** command button to run the search with the parameters one has set.

6. ***Select Place*** *Command Button*

CBDB allows the user to limit the search for associations by place. Here the *place* is not the place of the association, about which CBDB has only limited information, but the place with which the individuals in CBDB are associated. The linking of people to place that CBDB uses is a set of relationships in descending order of importance:

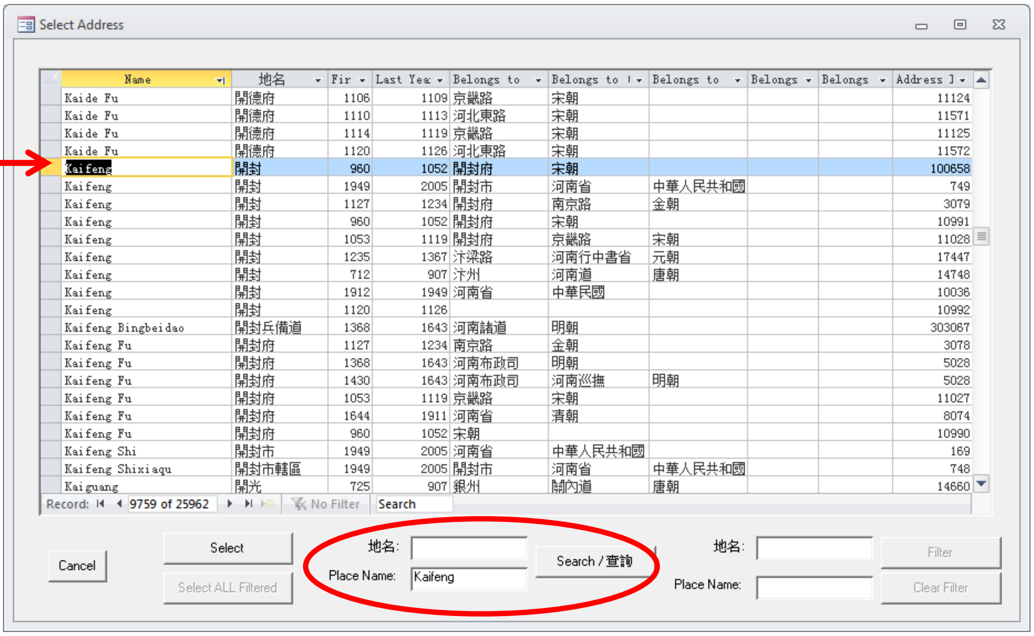
(1) the person's index-place (籍貫),
(2) Actual Residence,
(3) Last Known Address,
(4) Moved to,
(5) Eight Banner address (Qing dynasty),
(6) Alternate basic affiliation.

The "places" to which CBDB links individuals are administrative units, but CBDB assigns new codes to units depending on two criteria:

(1) Did the size of the unit change? (This is more important for prefectures which frequently gained or lost subordinate counties.)
(2) Did the name change?

In fact, shifts in name and size are frequent enough that CBDB often has many different codes to refer to a single "place."

Consider Kaifeng. when one clicks on the **Select Place** button, opens the *Select Address* form, and searches for Kaifeng, there are 18 distinct codes for Kaifeng from 712 to 2005.



Name	地名	Fir	Last Yea	Belongs to	Belongs to	Belongs to	Belongs	Belongs	Address]
Kaide Fu	開德府	1106	1109	京畿路	宋朝				11124
Kaide Fu	開德府	1110	1113	河北東路	宋朝				11571
Kaide Fu	開德府	1114	1119	京畿路	宋朝				11125
Kaide Fu	開德府	1120	1126	河北東路	宋朝				11572
Kaifeng	開封	960	1052	開封府	宋朝				100658
Kaifeng	開封	1949	2005	開封市	河南省	中華人民共和國			749
Kaifeng	開封	1127	1234	開封府	南京路	金朝			3079
Kaifeng	開封	960	1052	開封府	宋朝				10991
Kaifeng	開封	1053	1119	開封府	京畿路	宋朝			11028
Kaifeng	開封	1235	1367	汴梁路	河南行中書省	元朝			17447
Kaifeng	開封	712	907	汴州	河南道	唐朝			14748
Kaifeng	開封	1912	1949	河南省	中華民國				10036
Kaifeng	開封	1120	1126						10992
Kaifeng Bingbeidao	開封兵備道	1368	1643	河南諸道	明朝				303067
Kaifeng Fu	開封府	1127	1234	南京路	金朝				3078
Kaifeng Fu	開封府	1368	1643	河南布政司	明朝				5028
Kaifeng Fu	開封府	1430	1643	河南布政司	河南巡撫	明朝			5028
Kaifeng Fu	開封府	1053	1119	京畿路	宋朝				11027
Kaifeng Fu	開封府	1644	1911	河南省	清朝				8074
Kaifeng Fu	開封府	960	1052	宋朝					10990
Kaifeng Shi	開封市	1949	2005	河南省	中華人民共和國				169
Kaifeng Shixiaqu	開封市轄區	1949	2005	開封市	河南省	中華人民共和國			748
Kaiguang	開光	725	907	銀州	關內道	唐朝			14660

Record: 9759 of 25962

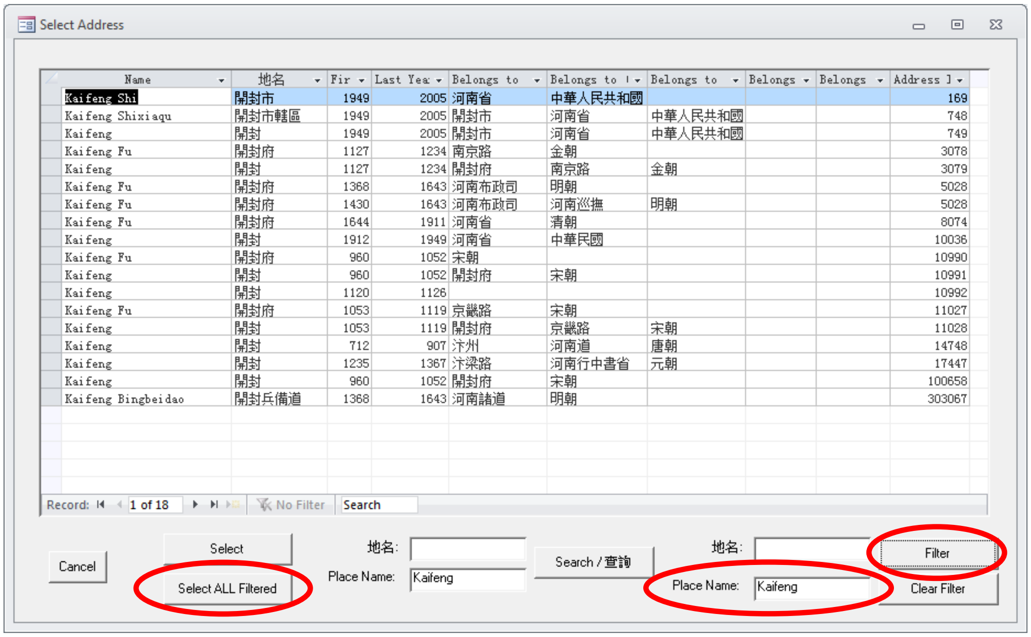
地名:

Place Name: Kaifeng

地名:

Place Name:

If one wishes to explore Kaifeng broadly, one can enter “Kaifeng” into the Filter “Place Name” box (or 開封 into 地名) and then click the **Filter** command button. This gives a list of all places that begin with the word “Kaifeng.” (Using the Chinese, here 開封, is better to avoid the possibility of homonyms.) Then click the **Select ALL Filtered** command button:



Name	地名	Fir	Last Yea	Belongs to	Belongs to	Belongs to	Belongs	Belongs	Address]
Kaifeng Shi	開封市	1949	2005	河南省	中華人民共和國				169
Kaifeng Shixiaqu	開封市轄區	1949	2005	開封市	河南省	中華人民共和國			748
Kaifeng	開封	1949	2005	開封市	河南省	中華人民共和國			749
Kaifeng Fu	開封府	1127	1234	南京路	金朝				3078
Kaifeng	開封	1127	1234	開封府	南京路	金朝			3079
Kaifeng Fu	開封府	1368	1643	河南布政司	明朝				5028
Kaifeng Fu	開封府	1430	1643	河南布政司	河南巡撫	明朝			5028
Kaifeng Fu	開封府	1644	1911	河南省	清朝				8074
Kaifeng	開封	1912	1949	河南省	中華民國				10036
Kaifeng Fu	開封府	960	1052	宋朝					10990
Kaifeng	開封	960	1052	開封府	宋朝				10991
Kaifeng	開封	1120	1126						10992
Kaifeng Fu	開封府	1053	1119	京畿路	宋朝				11027
Kaifeng	開封	1053	1119	開封府	京畿路	宋朝			11028
Kaifeng	開封	712	907	汴州	河南道	唐朝			14748
Kaifeng	開封	1235	1367	汴梁路	河南行中書省	元朝			17447
Kaifeng	開封	960	1052	開封府	宋朝				100658
Kaifeng Bingbeidao	開封兵備道	1368	1643	河南諸道	明朝				303067

Record: 1 of 18

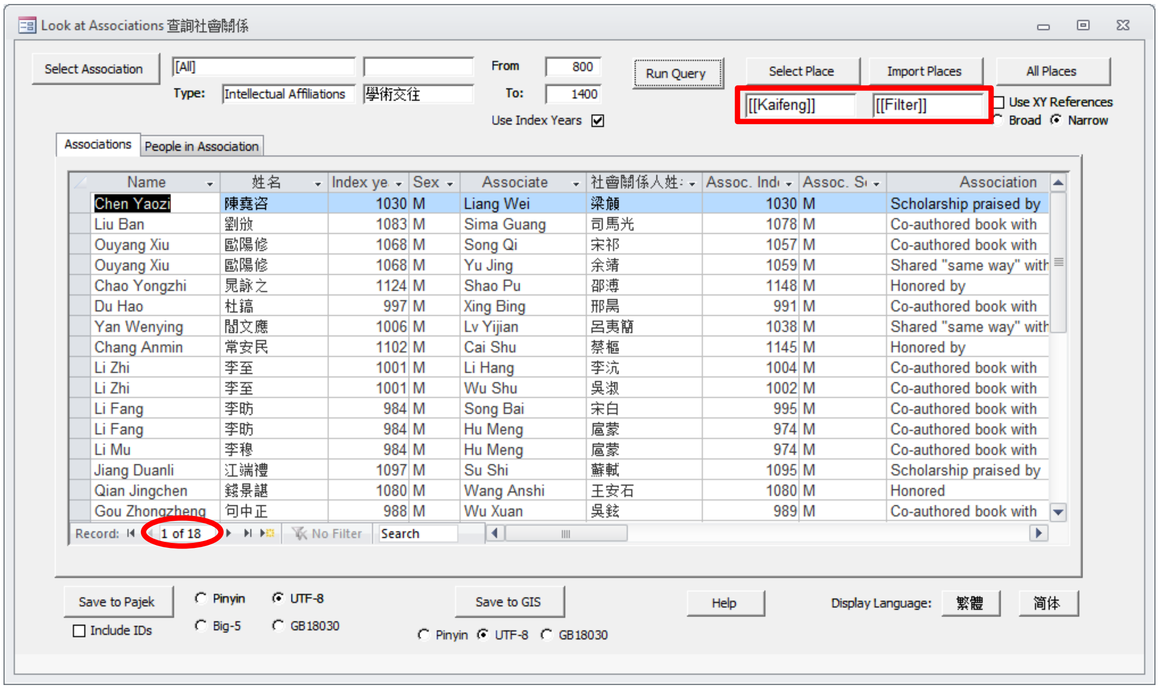
地名:

Place Name: Kaifeng

地名:

Place Name: Kaifeng

This will return you to the main LookAtAssociations form, with all the Kaifeng codes selected:



[All]
Type: Intellectual Affiliations 學術交往
From 800
To: 1400
Use Index Years ☑
[[Kaifeng]] [[Filter]]
☐ Use XY References
○ Broad ● Narrow

Name	姓名	Index ye	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
Chen Yaozi	陳堯咨	1030	M	Liang Wei	梁顥	1030	M	Scholarship praised by
Liu Ban	劉攽	1083	M	Sima Guang	司馬光	1078	M	Co-authored book with
Ouyang Xiu	歐陽修	1068	M	Song Qi	宋祁	1057	M	Co-authored book with
Ouyang Xiu	歐陽修	1068	M	Yu Jing	余靖	1059	M	Shared "same way" with
Chao Yongzhi	晁詠之	1124	M	Shao Pu	邵溥	1148	M	Honored by
Du Hao	杜鎬	997	M	Xing Bing	邢昺	991	M	Co-authored book with
Yan Wenying	閻文應	1006	M	Lv Yijian	呂夷簡	1038	M	Shared "same way" with
Chang Anmin	常安民	1102	M	Cai Shu	蔡樞	1145	M	Honored by
Li Zhi	李至	1001	M	Li Hang	李沆	1004	M	Co-authored book with
Li Zhi	李至	1001	M	Wu Shu	吳淑	1002	M	Co-authored book with
Li Fang	李昉	984	M	Song Bai	宋白	995	M	Co-authored book with
Li Fang	李昉	984	M	Hu Meng	扈蒙	974	M	Co-authored book with
Li Mu	李穆	984	M	Hu Meng	扈蒙	974	M	Co-authored book with
Jiang Duanli	江端禮	1097	M	Su Shi	蘇軾	1095	M	Scholarship praised by
Qian Jingchen	錢景諶	1080	M	Wang Anshi	王安石	1080	M	Honored
Gou Zhongzheng	句中正	988	M	Wu Xuan	吳鉉	989	M	Co-authored book with

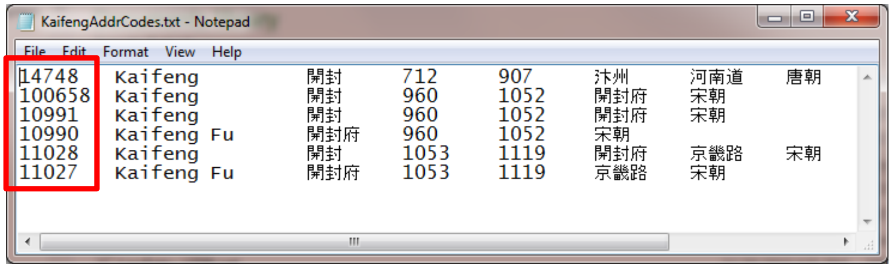
Record: 1 of 18 No Filter Search

○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs
○ Pinyin ● UTF-8 ○ GB18030

The double square brackets around "[[Kaifeng]]" and "[[Filter]]" make clear that the list derives from a filter on address codes for the term "Kaifeng." When one clicks on **Run Query**, CBDB locates all the subordinate units under the selected "place(s)" to include in the search. In this case, the search produces 18 records for association.

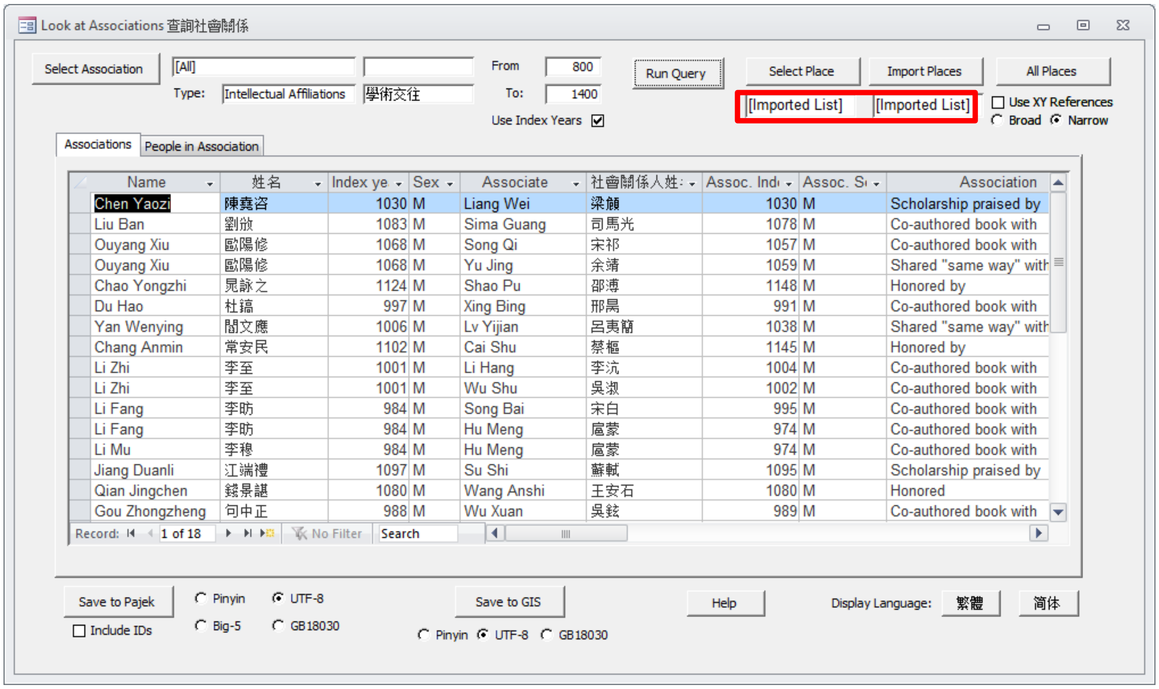
7. ***Import Places*** *Command Button*

If you wish to limit the number of codes for Kaifeng even further, you can select all the filtered records in the **Select Address** form, paste the records into a new **text file**, delete the records you do not want, and *move the Address IDs to the first item* on each remaining line. When CBDB reads the list, it looks for just those initial numbers and ignores everything else:



```
14748   Kaifeng         開封    712     907     汴州    河南道  唐朝
100658  Kaifeng         開封    960     1052    開封府  宋朝
10991   Kaifeng         開封    960     1052    開封府  宋朝
10990   Kaifeng Fu      開封府  960     1052    宋朝
11028   Kaifeng         開封    1053    1119    開封府  京畿路  宋朝
11027   Kaifeng Fu      開封府  1053    1119    京畿路  宋朝
```

Now click on the **Import Places** button in the LookAtAssociations form, select the file (CBDB gives a warning when it reads the list of IDs and finds an invalid ID). The text boxes name the selected place shows "[Imported List]."



[All]
Type: Intellectual Affiliations 學術交往
From 800
To: 1400
Use Index Years ☑
[Imported List] [Imported List]
☐ Use XY References
○ Broad ● Narrow

Name	姓名	Index ye	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
Chen Yaozi	陳堯咨	1030	M	Liang Wei	梁顔	1030	M	Scholarship praised by
Liu Ban	劉攽	1083	M	Sima Guang	司馬光	1078	M	Co-authored book with
Ouyang Xiu	歐陽修	1068	M	Song Qi	宋祁	1057	M	Co-authored book with
Ouyang Xiu	歐陽修	1068	M	Yu Jing	余靖	1059	M	Shared "same way" with
Chao Yongzhi	晁詠之	1124	M	Shao Pu	邵溥	1148	M	Honored by
Du Hao	杜鎬	997	M	Xing Bing	邢昺	991	M	Co-authored book with
Yan Wenying	閻文應	1006	M	Lv Yijian	呂夷簡	1038	M	Shared "same way" with
Chang Anmin	常安民	1102	M	Cai Shu	蔡樞	1145	M	Honored by
Li Zhi	李至	1001	M	Li Hang	李沆	1004	M	Co-authored book with
Li Zhi	李至	1001	M	Wu Shu	吳淑	1002	M	Co-authored book with
Li Fang	李昉	984	M	Song Bai	宋白	995	M	Co-authored book with
Li Fang	李昉	984	M	Hu Meng	扈蒙	974	M	Co-authored book with
Li Mu	李穆	984	M	Hu Meng	扈蒙	974	M	Co-authored book with
Jiang Duanli	江端禮	1097	M	Su Shi	蘇軾	1095	M	Scholarship praised by
Qian Jingchen	錢景諶	1080	M	Wang Anshi	王安石	1080	M	Honored
Gou Zhongzheng	句中正	988	M	Wu Xuan	吳鉉	989	M	Co-authored book with

Record: 1 of 18 No Filter Search

○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs

○ Pinyin ● UTF-8 ○ GB18030

Display Language:

When one then runs the query, the results, in this case happen to be the same as before.

8. ***All Places*** *Command Button*

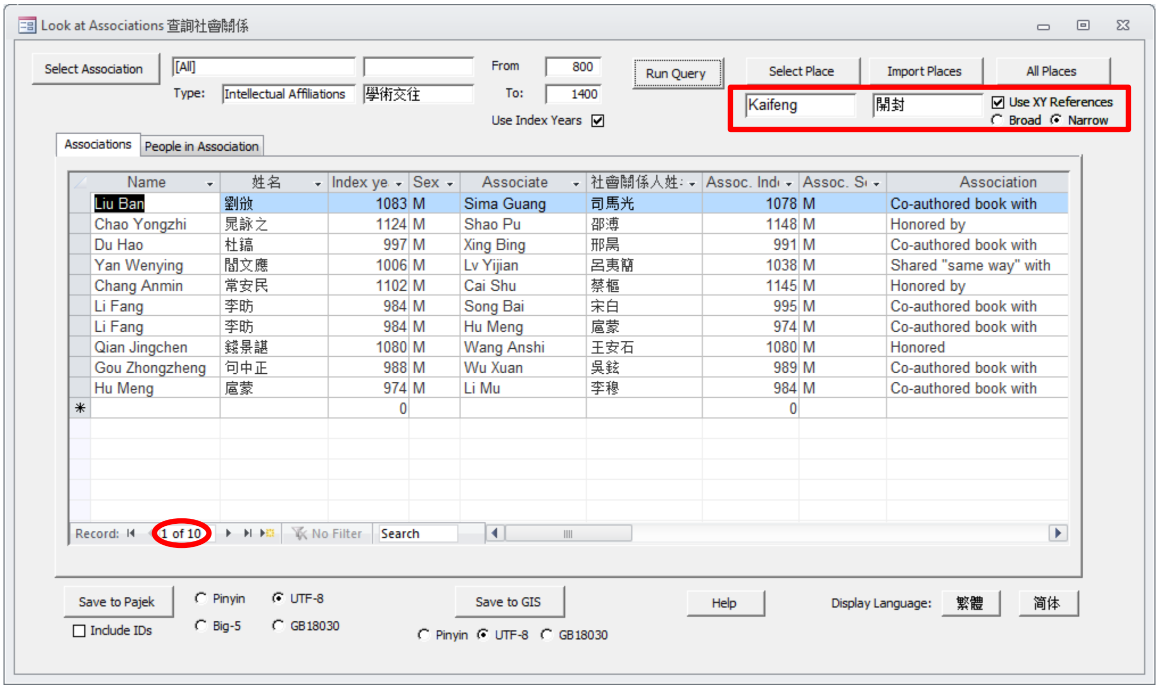
If one wishes to remove the constraint of selecting by place, one simply clicks on the **All Places** command button.

*9. **Use XY References*** **Checkbox**

The history of administrative units in China is very complex. Units change names and sizes, and each time they do, CBDB assigns a new address ID. The user cannot be expected to be fully aware of the history of each administrative unit. Therefore CBDB provides one additional option in searching by place, called **Use XY References**.

In CBDB, each administrative unit like a prefecture or a county is assigned a pair of longitude-latitude reference coordinates. In some cases at present, these coordinates are for the centroid of the polyhedron that defines the boundaries of the unit. But because CBDB is shifting away from relying on such polyhedrons (because in many instances we do not have accurate enough data), in many other cases, CBDB uses the reference coordinates of the city that is the administrative center for the unit.

CBDB gives the user two choices when searching by longitude and latitude. In a **Narrow** search, all units whose coordinates are within 0.03 degrees in longitude and latitude (which corresponds to a bit more than two kilometers) from the selected units also will be included in the search. For a **Broad** search, the range increases from 0.03 to 0.06. It may prove that broad and narrow search produce identical results, but this is an empirical question awaiting user feedback. Thus one can specify a Tang dynasty code for Kaifeng county (ID 14748), for example, and search for people throughout the rest of Chinese history:



[All]

Type: Intellectual Affiliations 學術交往

From 800

To: 1400

Use Index Years ☑

Kaifeng 開封

☑ Use XY References

○ Broad ● Narrow

Name	姓名	Index ye	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
Liu Ban	劉攽	1083	M	Sima Guang	司馬光	1078	M	Co-authored book with
Chao Yongzhi	晁詠之	1124	M	Shao Pu	邵溥	1148	M	Honored by
Du Hao	杜鎬	997	M	Xing Bing	邢昺	991	M	Co-authored book with
Yan Wenying	閻文應	1006	M	Lv Yijian	呂夷簡	1038	M	Shared "same way" with
Chang Anmin	常安民	1102	M	Cai Shu	蔡樞	1145	M	Honored by
Li Fang	李昉	984	M	Song Bai	宋白	995	M	Co-authored book with
Li Fang	李昉	984	M	Hu Meng	扈蒙	974	M	Co-authored book with
Qian Jingchen	錢景諶	1080	M	Wang Anshi	王安石	1080	M	Honored
Gou Zhongzheng	句中正	988	M	Wu Xuan	吳鉉	989	M	Co-authored book with
Hu Meng	扈蒙	974	M	Li Mu	李穆	984	M	Co-authored book with
*		0				0		

Record: 1 of 10

☐ Include IDs

○ Pinyin ● UTF-8 ○ Big-5 ○ GB18030

○ Pinyin ● UTF-8 ○ GB18030

Although the results are just 10 records, this search used just a county and thus was more restrictive than one that included all the counties under Kaifeng as a superior prefecture.

*10. **Associations** Output Table*

A search in **LookAtAssociations** produces two tables of results: **Associations** and **People in Associations**. As the names suggest, the Associations table lists all the records for association that meet the criteria given by the user., while People in Associations lists all the people involved in those associations.

(a) The Structure of the Table

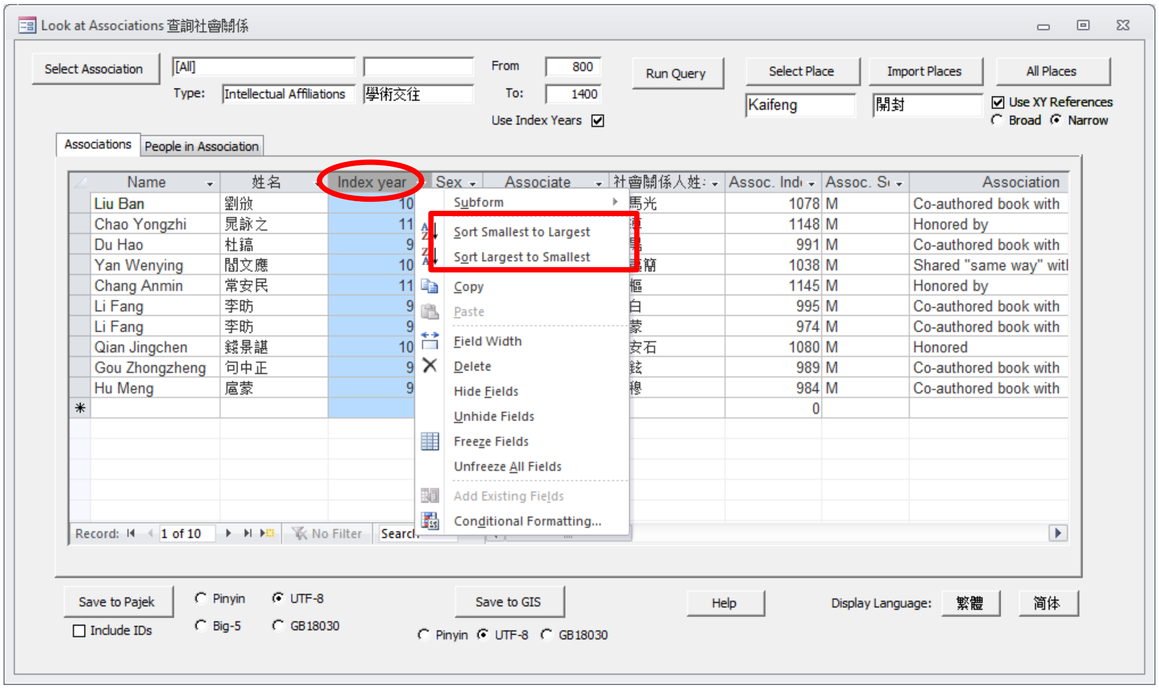
The **Associations** table has 19 columns to display the types of information recorded in the ASSOC_DATA table:

Name (Pinyin)	
Name (Chinese)	
Index Year	
Sex	
Associated Person's Name (Pinyin)	
Associated Person's Name (Chinese)	
Associated Person's Index Year	
Associated Person's Sex	
Association Category (English)	
Association Category (Chinese)	
Association Count	This gives the number of objects or events that established the association
Address (Pinyin)	This is the index address, if known.
Address (Chinese)	

X-coordinate Y-coordinate	These are the coordinates for the centroid for the address above.
Associate's Address (Pinyin)	
Associate's Address (Chinese)	
Associate's X-coordinate	
Associate's Y-coordinate	
Kinship Relation (English)	The next four columns are for associations created through actions for the sake of a kin
Kinship Relation (Chinese)	
Kin Name (pinyin)	
Kin Name (Chinese)	
Associate's Kinship Relation (English)	The next four columns are for associations created through actions for the sake of the associate's kin
Associate's Kinship Relation (Chinese)	
Associate's Kin Name (pinyin)	
Associate's Kin Name (Chinese)	
Distance	If CBDB has the coordinates for the place identification for both people, it calculates the great-circle arc distance between them (in kilometers).

(b) Sorting

The output tables can be sorted on any of the columns (except a memo field line Notes). To sort, one right-clicks on the column header (the label) for the field. In this example, the table will be sorted on the *index year* of the person in the record:


Look at Associations 查詢社會關係
Select Association
Run Query
Select Place
Import Places
All Places
Associations
People in Association
Subform
Sort Smallest to Largest
Sort Largest to Smallest
Copy
Paste
Field Width
Delete
Hide Fields
Unhide Fields
Freeze Fields
Unfreeze All Fields
Add Existing Fields
Conditional Formatting...
No Filter
Search
Save to Pajek
Save to GIS
Help
繁體
简体

[All]
Type: Intellectual Affiliations 學術交往
From 800
To: 1400
Use Index Years ☑
Kaifeng 開封
☑ Use XY References
○ Broad ● Narrow

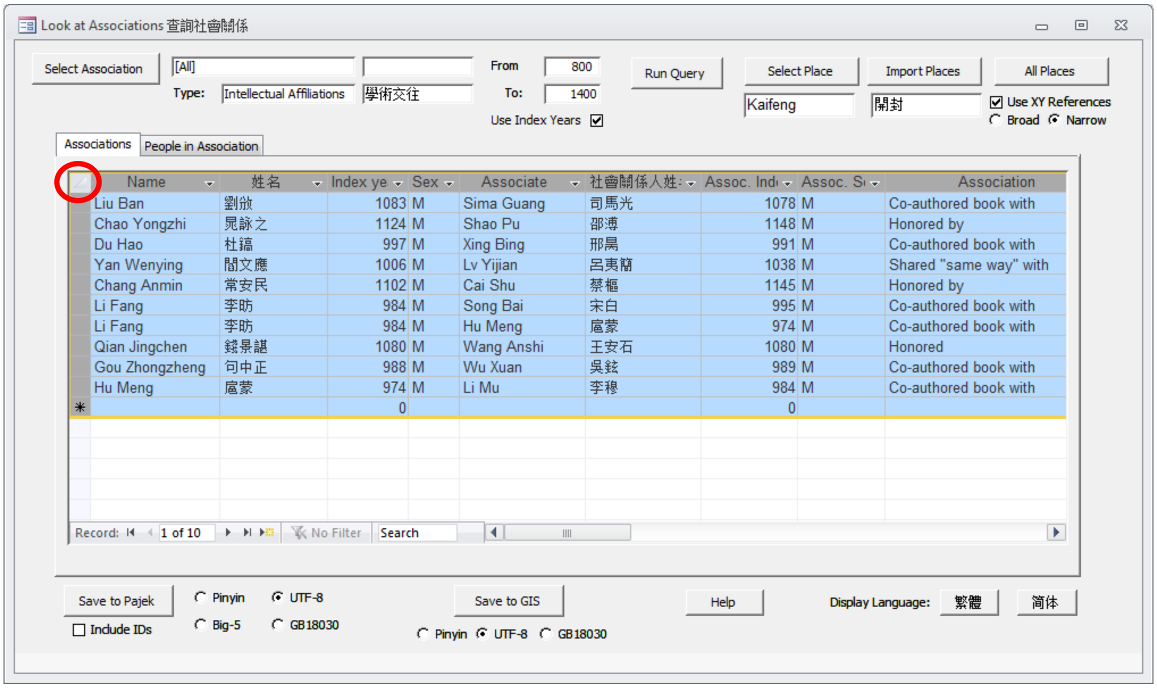
Name	姓名	Index year	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
Liu Ban	劉攽	10			馬光	1078	M	Co-authored book with
Chao Yongzhi	晁詠之	11				1148	M	Honored by
Du Hao	杜鎬	9				991	M	Co-authored book with
Yan Wenying	閻文應	10			簡	1038	M	Shared "same way" wit
Chang Anmin	常安民	11			樞	1145	M	Honored by
Li Fang	李昉	9			白	995	M	Co-authored book with
Li Fang	李昉	9			蒙	974	M	Co-authored book with
Qian Jingchen	錢景諶	10			安石	1080	M	Honored
Gou Zhongzheng	句中正	9			鉉	989	M	Co-authored book with
Hu Meng	扈蒙	9			穆	984	M	Co-authored book with
						0		

Record: 1 of 10

○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs
○ Pinyin ● UTF-8 ○ GB18030
Display Language:

(c) Exporting the Search Results

If one wishes to export the results of a search, one can click on the square in the upper left-hand corner of the table to select all the records in the table. One can then copy the table in the usual manner (**Ctrl-c**), open **Excel** (or any other compatible *spreadsheet* software) or create a new *text* file and open it with **Notepad** (or any preferred software) and paste the results (**Ctrl-v**).


Look at Associations 查詢社會關係
Select Association
Run Query
Select Place
Import Places
All Places
Associations
People in Association
Save to Pajek
Save to GIS
Help
繁體
简体

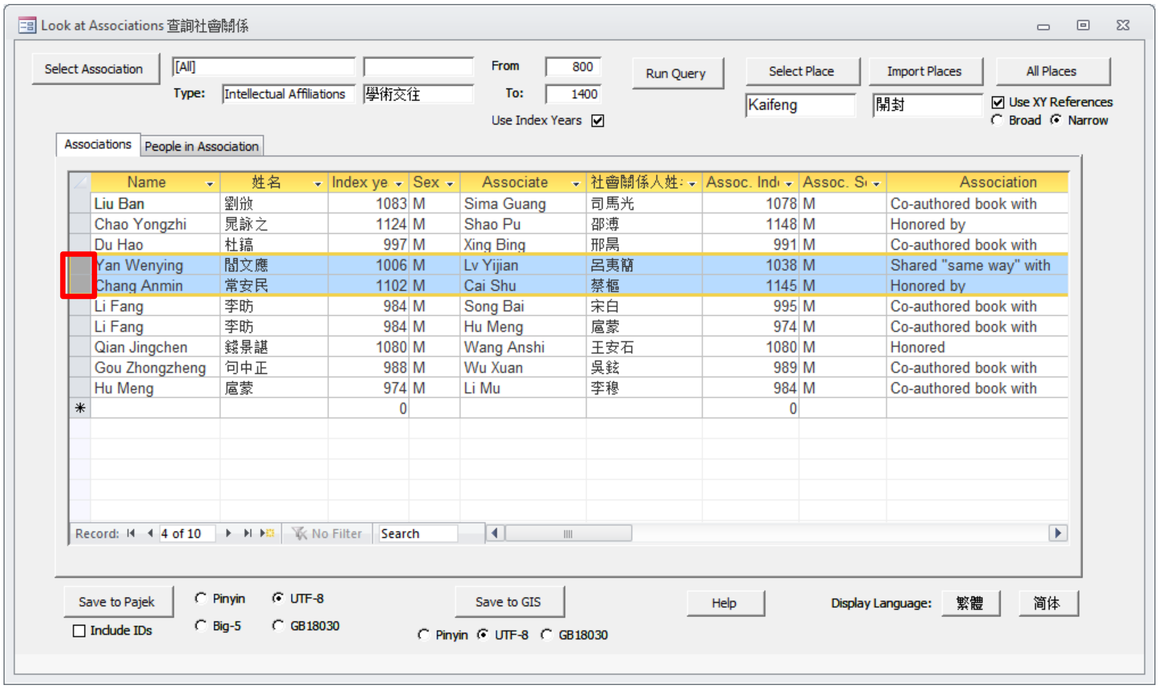
[All]
Type: Intellectual Affiliations 學術交往
From 800
To: 1400
Use Index Years ☑
Kaifeng 開封
☑ Use XY References
○ Broad ● Narrow

	Name	姓名	Index ye	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
	Liu Ban	劉攽	1083	M	Sima Guang	司馬光	1078	M	Co-authored book with
	Chao Yongzhi	晁詠之	1124	M	Shao Pu	邵溥	1148	M	Honored by
	Du Hao	杜鎬	997	M	Xing Bing	邢昺	991	M	Co-authored book with
	Yan Wenying	閻文應	1006	M	Lv Yijian	呂夷簡	1038	M	Shared "same way" with
	Chang Anmin	常安民	1102	M	Cai Shu	蔡樞	1145	M	Honored by
	Li Fang	李昉	984	M	Song Bai	宋白	995	M	Co-authored book with
	Li Fang	李昉	984	M	Hu Meng	扈蒙	974	M	Co-authored book with
	Qian Jingchen	錢景諶	1080	M	Wang Anshi	王安石	1080	M	Honored
	Gou Zhongzheng	句中正	988	M	Wu Xuan	吳鉉	989	M	Co-authored book with
	Hu Meng	扈蒙	974	M	Li Mu	李穆	984	M	Co-authored book with
*			0				0		

Record: 1 of 10 No Filter Search

○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs
○ Pinyin ● UTF-8 ○ GB18030
Display Language:

One also can select a specific block of records to copy by left-clicking on the left-hand column of the table, holding the mouse-button down and dragging to copy the block:


Look at Associations 查詢社會關係
Select Association
Run Query
Select Place
Import Places
All Places
Associations
People in Association
Save to Pajek
Save to GIS
Help
繁體
简体

[All]
Type: Intellectual Affiliations 學術交往
From 800
To: 1400
Use Index Years ☑
Kaifeng 開封
☑ Use XY References
○ Broad ● Narrow

	Name	姓名	Index ye	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
	Liu Ban	劉攽	1083	M	Sima Guang	司馬光	1078	M	Co-authored book with
	Chao Yongzhi	晁詠之	1124	M	Shao Pu	邵溥	1148	M	Honored by
	Du Hao	杜鎬	997	M	Xing Bing	邢昺	991	M	Co-authored book with
	Yan Wenying	閻文應	1006	M	Lv Yijian	呂夷簡	1038	M	Shared "same way" with
	Chang Anmin	常安民	1102	M	Cai Shu	蔡樞	1145	M	Honored by
	Li Fang	李昉	984	M	Song Bai	宋白	995	M	Co-authored book with
	Li Fang	李昉	984	M	Hu Meng	扈蒙	974	M	Co-authored book with
	Qian Jingchen	錢景諶	1080	M	Wang Anshi	王安石	1080	M	Honored
	Gou Zhongzheng	句中正	988	M	Wu Xuan	吳鉉	989	M	Co-authored book with
	Hu Meng	扈蒙	974	M	Li Mu	李穆	984	M	Co-authored book with
*			0				0		

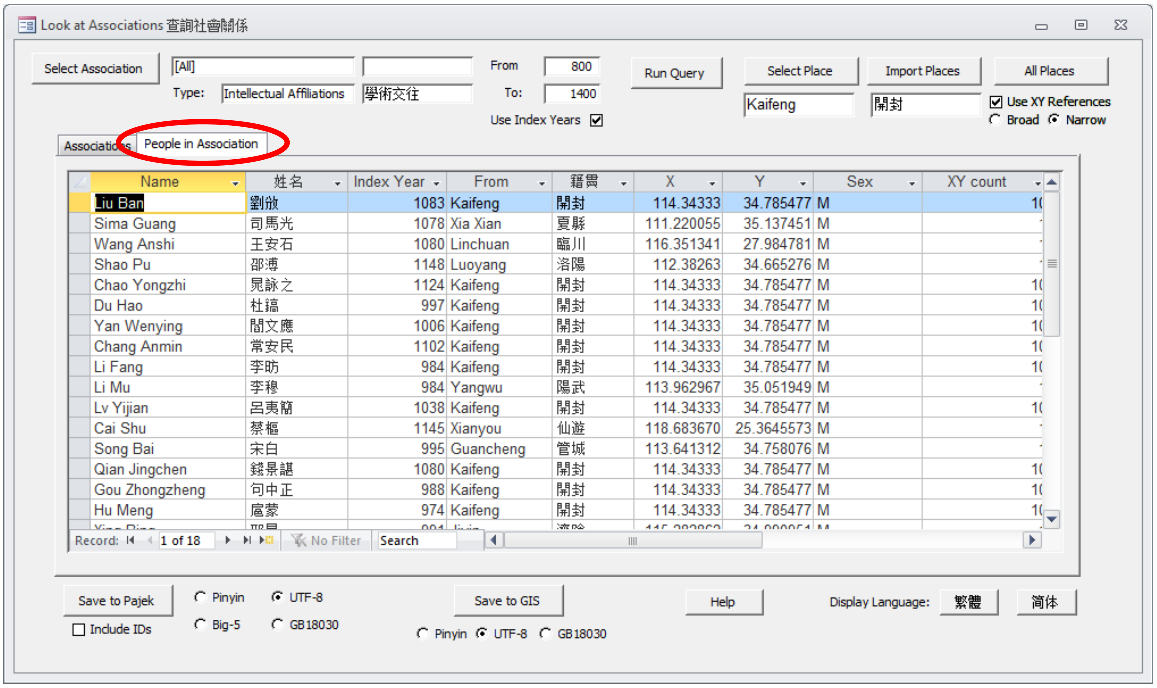
Record: 4 of 10 No Filter Search

○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs
○ Pinyin ● UTF-8 ○ GB18030
Display Language:

One then uses **Ctrl-c** to copy and **Ctrl-v** to paste in the usual manner.

*11. **People in Associations** Output Table*

In addition to the table of associations, **LookAtAssociations** also provides a table listing all the people involved in the association one is investigating. One views this table simply by clicking on the tab **People in Association**. The "People" table provides information about association with place.



[All]
Type: Intellectual Affiliations 學術交往
From 800
To: 1400
Use Index Years ☑
Kaifeng 開封
☑ Use XY References
○ Broad ● Narrow

Name	姓名	Index Year	From	籍貫	X	Y	Sex	XY count
Liu Ban	劉攽	1083	Kaifeng	開封	114.34333	34.785477	M	1
Sima Guang	司馬光	1078	Xia Xian	夏縣	111.220055	35.137451	M	
Wang Anshi	王安石	1080	Linchuan	臨川	116.351341	27.984781	M	
Shao Pu	邵溥	1148	Luoyang	洛陽	112.38263	34.665276	M	
Chao Yongzhi	晁詠之	1124	Kaifeng	開封	114.34333	34.785477	M	1
Du Hao	杜鎬	997	Kaifeng	開封	114.34333	34.785477	M	1
Yan Wenying	閻文應	1006	Kaifeng	開封	114.34333	34.785477	M	1
Chang Anmin	常安民	1102	Kaifeng	開封	114.34333	34.785477	M	1
Li Fang	李昉	984	Kaifeng	開封	114.34333	34.785477	M	1
Li Mu	李穆	984	Yangwu	陽武	113.962967	35.051949	M	
Lv Yijian	呂夷簡	1038	Kaifeng	開封	114.34333	34.785477	M	1
Cai Shu	蔡樞	1145	Xianyou	仙遊	118.683670	25.3645573	M	
Song Bai	宋白	995	Guancheng	管城	113.641312	34.758076	M	
Qian Jingchen	錢景諶	1080	Kaifeng	開封	114.34333	34.785477	M	1
Gou Zhongzheng	句中正	988	Kaifeng	開封	114.34333	34.785477	M	1
Hu Meng	扈蒙	974	Kaifeng	開封	114.34333	34.785477	M	1

Record: 1 of 18 No Filter Search

○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs

○ Pinyin ● UTF-8 ○ GB18030

This table has nine columns:

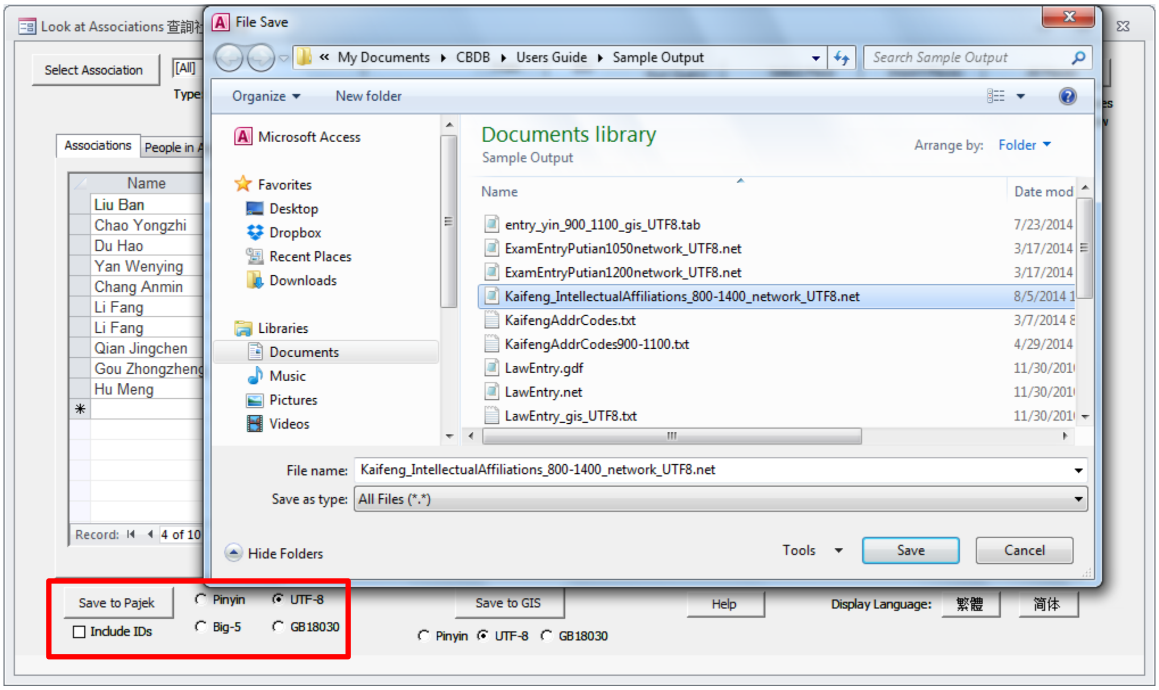
Name (pinyin)
Name (Chinese)
Index Year
Sex
Place Association (pinyin)
Place Association (Chinese)
X-coordinate
Y-coordinate
XY-count

People in Associations, like the **Associations** table, can be sorted on any column and can be copied in the same way as the **Associations** table.

*12. **Save to Pajek** Command Button*

Since association data provides an implicit social network linking the groups of people connected by the category of association being examined, one can save the network for analysis in the Pajek format by clicking on the **Save to Pajek** button. The Pajek format is one standard format for visualization in *social network analysis* (SNA), and many programs can read it and convert it to other formats.

CBDB allows files for Pajek to be saved in different text encodings to enable the use of Chinese characters. Depending on whether the user is in a Chinese Windows environment or an English will determine whether to use GB18030 (Chinese) or UTF-8 (English) encoding for the Chinese characters. Note that there also is an option to include the Person ID with the node information in the Pajek files. Once the user has selected the appropriate options and clicks on **Save to Pajek**, a window will open for the user to choose the name and location of the Pajek file. The default extension is ".net:"


Look at Associations 查詢
Select Association
[All]
Type
Associations
People in A
File Save
« My Documents ▸ CBDB ▸ Users Guide ▸ Sample Output
Search Sample Output
Organize ▾
New folder
Microsoft Access
Favorites
Desktop
Dropbox
Recent Places
Downloads
Libraries
Documents
Music
Pictures
Videos
Documents library
Sample Output
Arrange by: Folder ▾
Hide Folders
Tools ▾
Save
Cancel
Save to Pajek
☐ Include IDs
○ Pinyin
● UTF-8
○ Big-5
○ GB18030
Save to GIS
○ Pinyin ● UTF-8 ○ GB18030
Help
Display Language:
繁體
简体

Name
Liu Ban
Chao Yongzhi
Du Hao
Yan Wenying
Chang Anmin
Li Fang
Li Fang
Qian Jingchen
Gou Zhongzheng
Hu Meng

Record: 4 of 10

Name	Date mod
entry_yin_900_1100_gis_UTF8.tab	7/23/2014
ExamEntryPutian1050network_UTF8.net	3/17/2014
ExamEntryPutian1200network_UTF8.net	3/17/2014
Kaifeng_IntellectualAffiliations_800-1400_network_UTF8.net	8/5/2014 1
KaifengAddrCodes.txt	3/7/2014 8
KaifengAddrCodes900-1100.txt	4/29/2014
LawEntry.gdf	11/30/201
LawEntry.net	11/30/201
LawEntry_gis_UTF8.txt	11/30/201

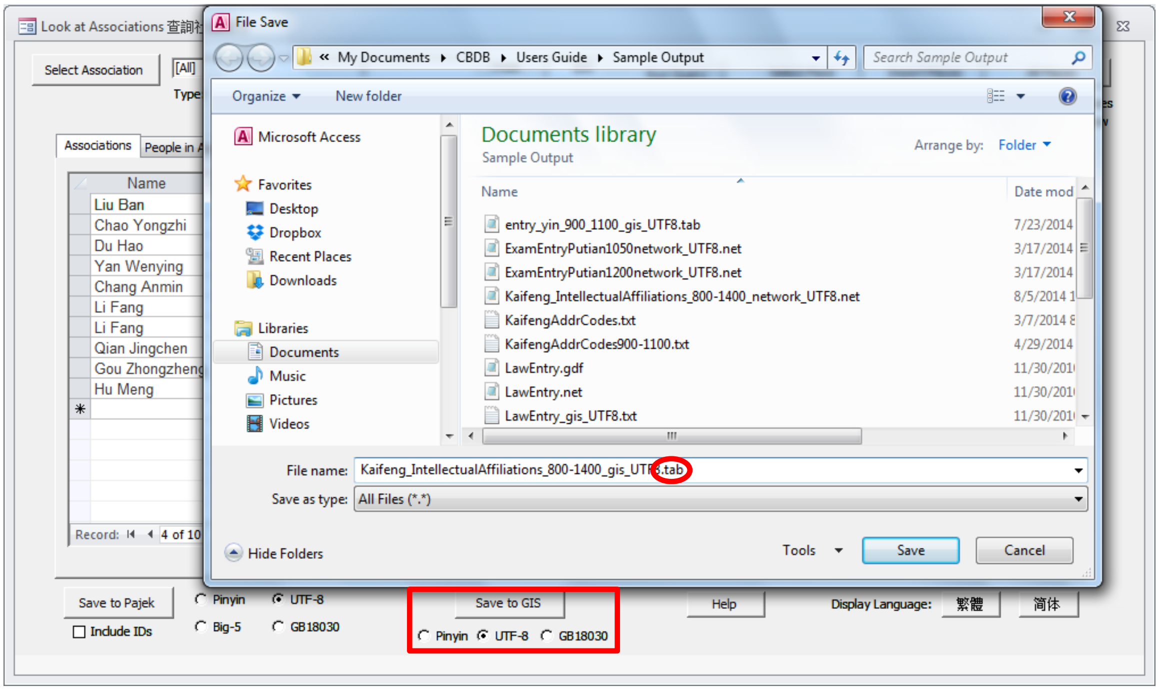
File name: Kaifeng_IntellectualAffiliations_800-1400_network_UTF8.net

Save as type: All Files (*.*)

13. ***Save to GIS*** *Command Button*

Data on associations have a geographic component and may reveal significant geographic patterns of distribution that shift over time. In order to allow the user to explore this geographic component, CBDB exports the GIS (Geographic Information Systems) data to a commonly used file format (tab-delimited text) that can be imported into such programs as ArcGIS and QGIS.

Depending on whether the user is in a Chinese Windows environment or an English will determine whether to use GB18030 (Chinese) or UTF-8 (English) encoding for the Chinese characters. Or, if one does not want *any* characters, one can simply select *Pinyin*. To save the data to a GIS file, the user selects the appropriate encoding and clicks on **Save to GIS**. This will open a standard Windows "Save-to" window. Note that the default extension is ".tab" and if the user gives the file a different extension, CBDB will automatically append ".tab" to the file name:


Look at Associations 查詢社
Select Association
[All]
Type
Associations
People in A
Name
Liu Ban
Chao Yongzhi
Du Hao
Yan Wenying
Chang Anmin
Li Fang
Li Fang
Qian Jingchen
Gou Zhongzheng
Hu Meng
Record: 4 of 10
File Save
« My Documents ▸ CBDB ▸ Users Guide ▸ Sample Output
Search Sample Output
Organize ▾
New folder
Microsoft Access
Favorites
Desktop
Dropbox
Recent Places
Downloads
Libraries
Documents
Music
Pictures
Videos
Documents library
Sample Output
Arrange by: Folder ▾
Name
Date mod
entry_yin_900_1100_gis_UTF8.tab 7/23/2014
ExamEntryPutian1050network_UTF8.net 3/17/2014
ExamEntryPutian1200network_UTF8.net 3/17/2014
Kaifeng_IntellectualAffiliations_800-1400_network_UTF8.net 8/5/2014 1
KaifengAddrCodes.txt 3/7/2014 8
KaifengAddrCodes900-1100.txt 4/29/2014
LawEntry.gdf 11/30/201
LawEntry.net 11/30/201
LawEntry_gis_UTF8.txt 11/30/201
Hide Folders
Tools
Save
Cancel
Save to Pajek
○ Pinyin ● UTF-8
○ Big-5 ○ GB18030
☐ Include IDs
Save to GIS
○ Pinyin ● UTF-8 ○ GB18030
Help
Display Language:
繁體
简体

File name: Kaifeng_IntellectualAffiliations_800-1400_gis_UTF8.tab

Save as type: All Files (*.*)

When **LookAtAssociations** saves the file, the record for each person includes the following fields:

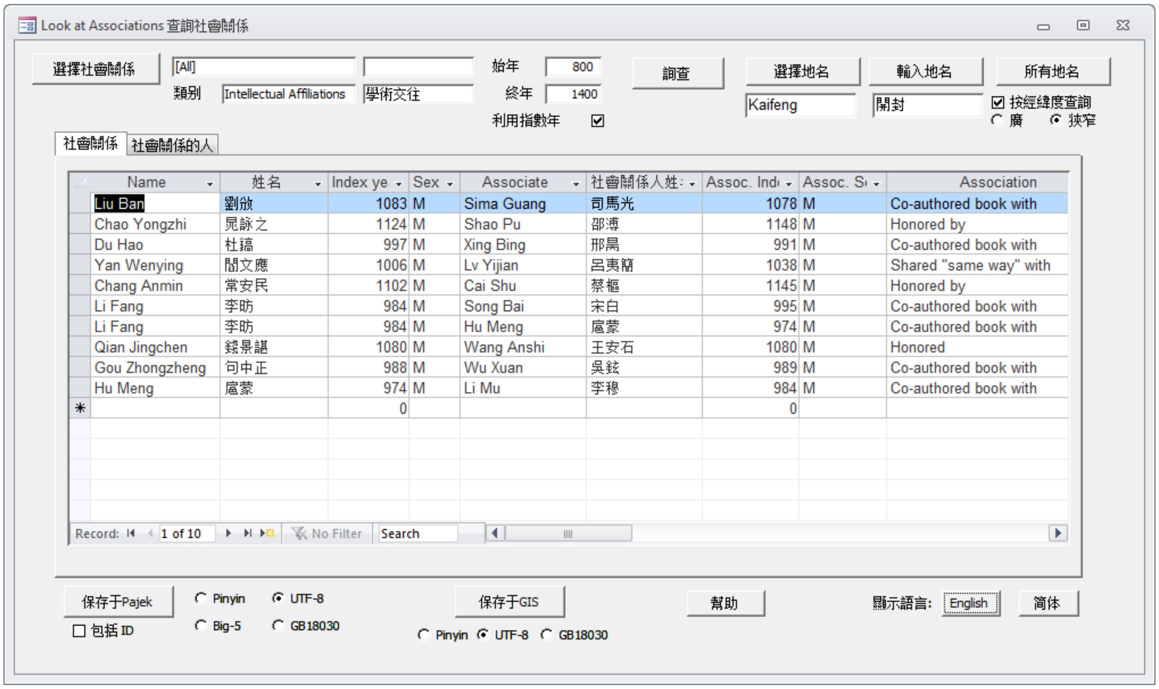
Name (Pinyin and Chinese)
Male/Female
Index Year
Place Name (Pinyin and Chinese)
XY coordinates
XY count (the number of people in the table who share the same coordinates)

*14. **Help** Command Button*

The **Help** command button opens this file.

*15. **Display Language** Command Buttons*

Note that all of the forms have the option to switch the display labels among English, traditional or simplified Chinese. When one click on the "繁體" command button, all the form labels switch to traditional Chinese text (except those that are parts of bilingual pair, like "Name" and "姓名" in the table of results), and the button gives one the option to return to English:


Look at Associations 查詢社會關係
選擇社會關係
詢查
選擇地名
輸入地名
所有地名
社會關係
社會關係的人
保存于Pajek
保存于GIS
幫助
English
简体

[All]

類別 Intellectual Affiliations 學術交往

始年 800

終年 1400

利用指數年 ☑

Kaifeng 開封

☑ 按經緯度查詢

○ 廣 ● 狹窄

Name	姓名	Index ye	Sex	Associate	社會關係人姓:	Assoc. Ind	Assoc. S	Association
Liu Ban	劉攽	1083	M	Sima Guang	司馬光	1078	M	Co-authored book with
Chao Yongzhi	晁詠之	1124	M	Shao Pu	邵溥	1148	M	Honored by
Du Hao	杜鎬	997	M	Xing Bing	邢昺	991	M	Co-authored book with
Yan Wenying	閻文應	1006	M	Lv Yijian	呂夷簡	1038	M	Shared "same way" with
Chang Anmin	常安民	1102	M	Cai Shu	蔡樞	1145	M	Honored by
Li Fang	李昉	984	M	Song Bai	宋白	995	M	Co-authored book with
Li Fang	李昉	984	M	Hu Meng	扈蒙	974	M	Co-authored book with
Qian Jingchen	錢景諶	1080	M	Wang Anshi	王安石	1080	M	Honored
Gou Zhongzheng	句中正	988	M	Wu Xuan	吳鉉	989	M	Co-authored book with
Hu Meng	扈蒙	974	M	Li Mu	李穆	984	M	Co-authored book with
*		0				0		

Record: 1 of 10 No Filter Search

☐ 包括 ID

○ Pinyin ● UTF-8

○ Big-5 ○ GB18030

○ Pinyin ● UTF-8 ○ GB18030

顯示語言: English