















1 b'V'RTR [aVNY1\_RYN aV\['1\S1QNF,QN

1 c æ 2 1 1 1 1 1 d 1 ø1 ø1 1 1  
1 1 1 a 1 ç

\ 1	ø1	Z ø11	Z 1	ø1	Z 1	ø1
BWXü	1	ç	1	1	1	1
2 W \	1 B [ ] ü B Y Z ü		2 W	1 B Y [ ü	2	
2 W ]	1 B [ \ ü	1 B Y Y ü	2 X	1 B Y Z ü	2 W	
2 W ^	1 B [ [ ü	1 B Y X ü	2 Y	1 B Y Y ü	2 X	
2 W _	1 B [ Z ü	1 B Y W ü	2 Z	1 B Y X ü	2 Y	
2 X V	1 B [ Y ü	1 B Y V ü	2 [	1 B Y W ü	2 Z	
2 X W	1 B [ X ü	1 B X _ ü	2 \	1 B Y V ü	2 [	

1 ø1 1 1 ç 1 1 1 ,  
 1 1 1 1 1 ø1 1 1 1  
 1 1 1 p 1 1 1 1 1 i  
 1 1 ø1 1 1 1 1 ç 1  
 1 B m n ü 1 1 1 n 1 ø1 1 1 1  
 1 1 1 1 1 1 1 1 1  
 ç ø1 p 1 1 1 1 n 1 1 1 1 ç ø 1 1 1  
 1 1 1 1 1 1 1 1 1 1 1  
 B ü 1 1 1 1 1 1 1 1 1 1 1  
 1 1 1 1 ç 1 1 1 n 1 1 1 1 1  
 1 1 1 ç 1 1 1 1 1 1 1 i ç 1  
 1 1 1 k 1 ç ø1 p 1 1 1 ü 1  
 1 1 1 1 1 1 1 n n l 1 ç ø1 1  
 1 1 1 ç 1 1 1 1 ç 1 1 1  
 i ç 1 1 1 1 1 1 ç 1 1 1  
 1 1 m 1 1 1 1 1 i ç 1 ç 1  
 ø1 1 1 B k l ü ø 1 1 1 1 ç 1 1 1 p 1  
 1 1 1 q 1 1 1 r 1 1 1  
 1 1 1 1 1 n 1 ø1 ø1 1 B m n ü i  
 1 1 1 1 1 1 1 1 1 1  
 1 1 1 1 ø1 1 1 1 B k l ü 1 1 1  
 i 1 1 ç , 1 ç 1 1 1 ø1 ø1  
 1 1 B m n ü 1 1 1 1 ç 1 1 1  
 i 1 ç 1 1 1 1 i 1



1~ b'V'RTBR [aVNY1\_RYN aV\['1\S1QNf,QN

1 e æ 2 1 1 1 1 d 1 ø1 ø1 1 β c d ü

\	1	ø1	Z ø1 1		Z 1	ø1	Z 1	ø1
■	1 β W X ü	1	■ c W	1	■ c	■ 1 β Y Z W	1	■ c ■ 1 β Y Z ü
2 W \	1 β [ ] β [ \ ü		2		1 β [ ] ü			
2 W ]	1 β [ \ ü		1 β [ [ ü2		1 β [ \ ü 2			
2 W ^	1 β [ [ ü		1 β [ Z ü 2		1 β [ [ ü2			
2 W _	1 β [ Z ü		1 β [ Y ü 2		1 β [ Z ü 2			
2 X V	1 β [ Y ü		■ 1 β [ X ü2		1 β [ Y ü 2			
2 X W	■ 1 β [ X ü		1 β [ W ü2		■ 1 β [ X ü2			

2.3 Both "4th month, *jishengba*, day *dingyou* (34)" and "1st year, 6th month, *jiwang*, day *yihai* (12)" are in the same year

1	1	ø1	1	1	1	1	1	1	1
1	1	1 n	1	1	1	1 p	1 1	1 1	1 1
1	1	1 1	1	1	1 1	1	1	ø1	1
1	1	1 1	1	1	1 c 1	1	1	1	1
1	1	1 p	1	ø1	■ c 1 1 β k l ü	1	1	1	1
■	1 β m n ü	1	ø1	1	1	1	1 1	1	1
1	æ 1 β ü	1	ø1 1	n	■ 1 β m n ü	ø1 1	1	1	1 c 1
■	1 β m n ü	1	1	1 c	ø 1	1	1	1	1
■	1 β m n ü	1	1	1	1	1	1	j	1 c 1 1
c	ø 1	1	1	1	1	1	1 β m n ü	1	1 1 ø 1
	1	1	1	1	1	1	1 c 1	1	1

3. Jin Hou Su zhong

1	ø1	j	1	1	■ ■ ■ ■ ø1	1	1 1	1 1
	æ							
1	1	1	1	1 m m	1 c			
1	k	1	ø1 ø1	c 1 1 β o o ü				
1	l	1	ø1 ø1	c 1 1 β n j ü				
1	l	1	ø1 ø1	c 1 ■ 1 β m s ü				



1 b'V'RTBR [aVNY1\_RYN aV\['1\ S1QNf, QN

1 1 4 1 c 1 1 ð 1 1 1

1 i 1 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 c 1 1 1 1

c, 1 c ð 1 1 1 1 1 1 1 1

ð 1 c 1 1 B o o ü 1 1 1 1 1 1 1 1 1 1 1 1

>

JIWANG

GUIMAO CHUJI WUYIN

1 1 1 c 1 1 1 l 1 1 1 1 1 1

1 ð 1 1 1 1 1 1 1 1 1 1

1 ð 1 , , 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1 1 1 1

ð 1 1 1 1 1 1 1 1 1 1 1 1 1

l 1 ð 1 ð 1 c 1 1 B n j ü 1 1 p 1 ð 1 c ð 1 1

B k o ü 1 1 1 q 1 1 i

1 1 1 1 ð 1 1 ð 1 c 1 1 B n j ü 1 1 ð 1

1 ð 1 1 1 1 1 1 1 1 1 c 1

ð 1 1 1 1 B k o ü 1 1 1 p 1 1 ð 1 1

1 1 1 1 1 1 1 1 1 ð 1 1 1 c 1 1 l 1

B n j ü 1 1 l ð 1 c 1 1 B m s ü 1 1 1 1 1 1

1 i

### 3.2 Relationships among the possible calendar dates for the Jin Hou Su zhong and their constraints

> > >

1 1 1 1 1 1 1 1 1 1 1 1 1

k 1 ð 1 ð c 1 1 B o o ü ð 1 l 1 ð 1 c 1 1

B n j ü ð 1 l ð 1 c 1 1 B m s ü ð 1 p ð 1 1 1 B k l o ü ð 1

1 B l n ü ð 1 1 B l q ü i 1 1 1 1 1 1 1 1 1

1 1 1 1 ð 1 1 1 1 1 B n j ü 1

1 1 1 1 B l r ü 1 1 1 B m j ü i u y 1 1 1

1 1 1 1 1 1 ð 1 c 1 1 1 B m s ü ð 1

l 1 1 1 c 1 1 B n j ü i 1 1 1 1 1 1

1 1 1 1 1 1 1 1 c 1 1 1 1 1 1 1 1 æ 1

1 B o o ü 1 1 1 1 1 1 ð 1 1 1 1 1 1 1 1 1

1 1 l 1 1 ð 1 l 1 1 B l r ü ð 1 B m j ü ð 1 1 B m s ü ð 1

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ko i 2 1 i ð c ð 1 1 1 1 1 1 1 1 i 1

kp i 2 ð 1 1 1 E 1 ð 1 1 B 1 ü 1 1 c 1 B 1 1

c ü ð 1 1 1 1 i 1 1 1 1 1 1 1 1

1 leSR [ æ V N ä N [ ' Y N a Q f 1 O N N V X R [ V R

1 f æ 2 1 1 b 1 ö1 ö1 ç 1  
 1 a 1 ö1 ö1 ç 1 1 ß e e ü

X	1	ö1	W	1	ö1	W	1	ö1
ä	■	X	1	W	ö1	1	1	1
	1	ß Z V ü W	1	ç W	1	ç	1	ß [ [ ü W
	1		1	1	1	1	1	1
2 W [		1	ß X \ ü	ß [ \ ü	2		1	ß [ ü
2 W \	■	1	ß X [ ü	1	ß [ [ ü W		1	ß [ \ ü
2 W ]		1	ß X Z ü	1	ß [ Z ü	2	X	1
2 W ^	■	1	ß X Y ü	1	ß [ Y ü	2	Y	1
2 W _	■	1	ß X X ü	1	ß [ X ü Z		1	ß [ Y ü
2 X V		1	ß X W ü	1	ß [ W ü [		1	ß [ X ü Z
2 X W		1	ß X V ü	1	ß [ V ü	2	\	1
2 X X		1	ß W	1	ß Z _ ü	2	]	1
2 X Y	■	1	ß W ^ ü	1	ß Z ^ ü	2	^	1

1 g æ 2 1 1 b 1 ö1 ö1 ç 1  
 1 f 1 ö1 ö1 ç 1 1 ß a e e ü

X	1	ö1	\	1	ö1	\	1	ö1
ä	■	X	1	\	ö1	1	1	1
	1	ß Z V ü W	1	ç W	1	ç	1	ß W [ ü
	1		1	1	1	1	1	1
2 W [		1	ß X \ ü	1	ß X Z ü	2		1
2 W \	■	1	ß X [ ü	1	1	ß X Y ü	2	1
2 W ]		1	ß X Z ü	1	1	1	ß X X ü	2
2 W ^	■	1	ß X Y ü	1	1	1	1	1
2 W _	■	1	1	1	1	1	1	1
2 X V		1	1	1	1	1	1	1
2 X W		1	1	1	1	1	1	1
2 X X		1	1	1	1	1	1	1
2 X Y	■	1	1	1	1	1	1	1
2 X Z		1	1	1	1	1	1	1

1 ß n j ü ö 1 1 ç 1 1 1 p 1 1 ö1 1 i  
 ß k ö ß l n ü ö 1 1 ß l q ü 1 1 1 p 1 1 i 1  
 1 1 1 ç 1 1 1 ö1 1 1 1  
 1 1 1 ç 1 1 1 1 1 1  
 1 1 1 æ





















1 b'V'RTR [aVNY1\_RYN aV\['1\S1QNf,QN

1 a b i 2 1 1 1 1 1 1 1

Y 1 ¢ [ ð 1 ¢ ð 1 W \_ 1 1 ¢ ð 1 W 1 ð 1 ð 1  
 Y 1 ¢ ð 1 Y 1 1 ð 1 ð 1 Z : ð 1 W \_ 1 1 ¢ ð 1 W 1 ð 1 ð 1  
 Y 1 ¢ ð 1 W 1 1 ð 1 Y ¢ \_ ü 9 W 1 1 X 1 1 Y 1 1 Z 1 1 i 1 1

ü	W	W _	W Y	X W
ü	X	X V	W Z	X X
ü	Y	X W	W [	X Y
ü	Z	X X	W \	X Z
ü	[	X Y	W ]	X [
ü	\	X Z	W ^	X \
ü	]	X [	W _	X ]
ü	^	X \	X V	X ^
ü	_	X ]	X W	X _
ü	W V	X ^	X X	Y V
ü	W W	X _	X Y	W
ü	W X	W	X Z	X
ü	W Y	X	X [	Y
ü	W Z	Y	X \	Z
ü	W [	Z	X ]	[
ü	W \	[	X ^	\
ü	W ]	\	X _	]
ü	W ^	]	Y V	^
ü	W _	^	W	_
ü	X V	_	X	W V
ü	X W	W V	Y	W W
ü	X X	W W	Z	W X
ü	X Y	W X	[	W Y
ü	X Z	W Y	\	W Z
ü	X [	W Z	]	W [
ü	X \	W [	^	W \
ü	X ]	W \	_	W ]
ü	X ^	W ]	W V	W ^
ü	X _	W ^	W W	W _
ü	Y V	W _	W X	X V

3 i 2 m 1 ¢ 1 æ 1 m 1 ¢ ð 1 m 1 ð 1 ü  
 3 i 2 o 1 ¢ 1 æ 1 o 1 ¢ ð 1 k 1 ð 1 ü  
 3 i 2 s 1 ¢ 1 æ 1 s 1 ¢ ð 1 k 1 ð 1 ü  
 3 i 2 k o 1 ¢ 1 ð 1 k o 1 ¢ ð 1 o 1 i ð 1 ü







