|  |  |
| --- | --- |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_5.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_10.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_20.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_40.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_60.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_120.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_245.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_500.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_750.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_1250.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\dist_1750.jpg |  |

上面的图所取得周期分别对应下面的表

|  |  |
| --- | --- |
| 5 | 10 |
| 20 | 40 |
| 60 | 120 |
| 245 | 500 |
| 750 | 1250 |
| 1750 |  |

从数据上来说，总体上，选的周期越长，龙头股correlation之间的相似度越高，（龙头股都有一个总体趋势。周期越长相关性也越强。



龙头股之间的关系结构一旦确定就不容易发生改变。

我们分析石油有关的股票，也存在长周期和短周期聚合点不一样的情况

|  |  |
| --- | --- |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_5.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_10.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_20.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_40.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_60.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_120.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_245.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_500.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_750.jpg | C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_1250.jpg |
| C:\Users\xueni\AppData\Local\Microsoft\Windows\INetCache\Content.Word\oil_dist_1750.jpg |  |

同同一个行业内的从correlation 系数都不一样，但是相关性不是特别强。

