****报表地址：****

**http://192.25.103.250:8080/XYBI/ReportServer?reportlet=%5B5f00%5D%5B53d1%5D%5B6d4b%5D%5B8bd5%5D%2F%5B7ecf%5D%5B7eaa%5D%5B4e1a%5D%5B52a1%5D%5B878d%5D%5B8d44%5D%5B878d%5D%5B5238%5D%5B6708%5D%5B62a5%5D.cpt&fr\_check\_url=TueJun1910:44:30CST2018&id=14e8084e-464c-45aa-8d39-53473b4fe0f4**

****问题****  
测试经纪业务融资融券月报的取数源表和目标表的数据保持同步且一致。

****设计****  
编写SQL脚本，测试目标表的相关字段在跑完存储过程后是否和源表的汇总数据保持一致。

****测试过程及结果****

-- 测试客户数总数是否合理

-- 经纪业务融资融券的客户的总人数

select

count(distinct CUST\_ID)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';

-- 3,485,851人

-- 经纪业务约定购回客户中客户状态不为 “正常”的客户数

select count(1)

FROM DM.T\_PUB\_CUST T1 where CUST\_ID in

(select distinct cust\_id from DM.T\_AST\_EMPCUS\_CREDIT\_M\_D)

and T1.CUST\_STAT\_NAME <> '正常'

and T1.YEAR = '2018' AND T1.MTH = '05';

--220,011人

--目标表汇总的客户总数

select

sum(cust\_num)

from DM.P\_BRKBIS\_CREDIT\_M

where YEAR\_MTH='201805'

--3,265,840人

--结论：3485851-220011=3265840，说明客户数合理

-- 目标表融资融券有效户数

select sum(CREDIT\_EFF\_HOUS) from dm.T\_BRKBIS\_CREDIT\_M

-- 36400.00人

-- PUB\_CUST表融资融券有效户数

select count(1)

FROM (SELECT

T1.YEAR

,T1.MTH

,T1.CUST\_ID

,T1.CUST\_STAT\_NAME AS 客户状态

,CASE WHEN T1.TE\_OACT\_DT>=T2.NATRE\_DAY\_MTHBEG THEN 1 ELSE 0 END AS 是否月新增

,CASE WHEN T1.TE\_OACT\_DT>=T2.NATRE\_DAY\_YEARBGN THEN 1 ELSE 0 END AS 是否年新增

,COALESCE(T1.IF\_VLD,0) AS 是否有效

,COALESCE(T4.IF\_SPCA\_ACCT,0) AS 是否特殊账户

,COALESCE(T1.IF\_PROD\_NEW\_CUST,0) AS 是否产品新客户

,T1.CUST\_TYPE\_NAME AS 客户类型

,COALESCE(T3.IF\_CREDIT\_CUST,0) AS 是否融资融券客户

,COALESCE(T3.IF\_CREDIT\_EFF\_CUST,0) AS 是否融资融券有效客户

,CASE WHEN T3.IF\_CREDIT\_CUST=1 AND T3.CREDIT\_OPEN\_DT>=T2.NATRE\_DAY\_MTHBEG THEN 1 ELSE 0 END AS 是否融资融券月新增

,CASE WHEN T3.IF\_CREDIT\_CUST=1 AND T3.CREDIT\_OPEN\_DT>=T2.NATRE\_DAY\_YEARBGN THEN 1 ELSE 0 END AS 是否融资融券年新增

,CASE WHEN T3.IF\_CREDIT\_CUST=1 AND T3.CREDIT\_EFF\_ACT\_DT>=T2.NATRE\_DAY\_MTHBEG THEN 1 ELSE 0 END AS 是否融资融券月新增有效户

,CASE WHEN T3.IF\_CREDIT\_CUST=1 AND T3.CREDIT\_EFF\_ACT\_DT>=T2.NATRE\_DAY\_YEARBGN THEN 1 ELSE 0 END AS 是否融资融券年新增有效户

,T3.CREDIT\_CRED\_QUO AS 融资融券授信额度

,T3.APPTBUYB\_CRED\_QUO AS 约定购回授信额度

,T3.STKPLG\_CRED\_QUO AS 股票质押授信额度

,CASE

WHEN COALESCE(T5.TOT\_AST\_MDA,0)<100 THEN '00-100以下'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 100 AND COALESCE(T5.TOT\_AST\_MDA,0)<1000 THEN '01-100\_1000'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 1000 AND COALESCE(T5.TOT\_AST\_MDA,0)<2000 THEN '02-1000\_2000'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 2000 AND COALESCE(T5.TOT\_AST\_MDA,0)<5000 THEN '03-2000\_5000'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 5000 AND COALESCE(T5.TOT\_AST\_MDA,0)<10000 THEN '04-5000\_1W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 10000 AND COALESCE(T5.TOT\_AST\_MDA,0)<50000 THEN '05-1W\_5W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 50000 AND COALESCE(T5.TOT\_AST\_MDA,0)<100000 THEN '06-5W\_10W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 100000 AND COALESCE(T5.TOT\_AST\_MDA,0)<200000 THEN '1-10W\_20W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 200000 AND COALESCE(T5.TOT\_AST\_MDA,0)<500000 THEN '2-20W\_50W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 500000 AND COALESCE(T5.TOT\_AST\_MDA,0)<1000000 THEN '3-50W\_100W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 1000000 AND COALESCE(T5.TOT\_AST\_MDA,0)<2000000 THEN '4-100W\_200W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 2000000 AND COALESCE(T5.TOT\_AST\_MDA,0)<3000000 THEN '5-200W\_300W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 3000000 AND COALESCE(T5.TOT\_AST\_MDA,0)<5000000 THEN '6-300W\_500W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 5000000 AND COALESCE(T5.TOT\_AST\_MDA,0)<10000000 THEN '7-500W\_1000W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 10000000 AND COALESCE(T5.TOT\_AST\_MDA,0)<30000000 THEN '8-1000W\_3000W'

WHEN COALESCE(T5.TOT\_AST\_MDA,0) >= 30000000 THEN '9-大于3000W'

END AS 资产段

FROM DM.T\_PUB\_CUST T1

LEFT JOIN DM.T\_PUB\_DATE\_M T2 ON T1.YEAR=T2.YEAR AND T1.MTH=T2.MTH

LEFT JOIN DM.T\_PUB\_CUST\_LIMIT\_M\_D T3 ON T1.YEAR=T3.YEAR AND T1.MTH=T3.MTH AND T1.CUST\_ID=T3.CUST\_ID

LEFT JOIN DM.T\_ACC\_CPTL\_ACC T4 ON T1.YEAR=T4.YEAR AND T1.MTH=T4.MTH AND T1.MAIN\_CPTL\_ACCT=T4.CPTL\_ACCT

LEFT JOIN DM.T\_AST\_ODI\_M\_D T5 ON T1.YEAR=T5.YEAR AND T1.MTH=T5.MTH AND T1.CUST\_ID=T5.CUST\_ID

WHERE T1.YEAR = '2018'

AND T1.MTH = '05'

--AND 资产段 IS NOT NULL

) T1

where CUST\_ID in

(select distinct cust\_id from DM.T\_AST\_EMPCUS\_CREDIT\_M\_D)

and T1.客户状态 = '正常'

and T1.YEAR = '2018' AND T1.MTH = '05'

and t1.是否融资融券客户 = 1 and T1.是否融资融券有效客户 = 1

-- 36400

--源数据和目标表对比：融资融券授信额度

-- 目标表融资融券授信额度

select sum(CREDIT\_CRED\_QUO) from dm.T\_BRKBIS\_CREDIT\_M where year\_mth= '201805'

UNION ALL

-- DM.T\_PUB\_CUST\_LIMIT\_M\_D融资融券授信额度

select sum(融资融券授信额度)

FROM (SELECT

T1.YEAR

,T1.MTH

,T1.CUST\_ID

,T1.CREDIT\_CRED\_QUO AS 融资融券授信额度

from DM.T\_PUB\_CUST\_LIMIT\_M\_D T1

WHERE T1.YEAR = '2018'

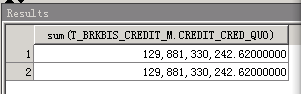
AND T1.MTH = '05'

) T1

where CUST\_ID in

(select distinct cust\_id from DM.T\_AST\_EMPCUS\_CREDIT\_M\_D)

and T1.YEAR = '2018' AND T1.MTH = '05'



-- 融资融券总资产\_期末

select sum(CREDIT\_TOTAST\_FINAL)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

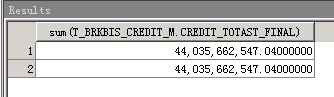
UNION ALL

select

sum(T1.TOT\_AST\_FINAL)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比：融资融券净资产\_期末

select sum(CREDIT\_NET\_AST\_FINAL)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

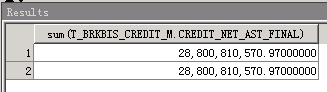
UNION ALL

select

sum(T1.NET\_AST\_FINAL)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比： 融资融券总负债\_期末

select sum(CREDIT\_TOT\_LIAB\_FINAL)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

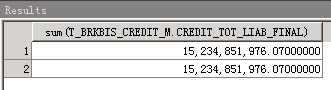
UNION ALL

select

sum(T1.TOT\_LIAB\_FINAL)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比： 融资融券余额\_期末

select sum(CREDIT\_BAL\_FINAL)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

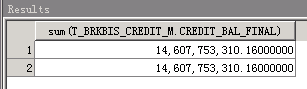
UNION ALL

select

sum(T1.CREDIT\_BAL\_FINAL)

FROM DM.T\_AST\_EMPCUS\_ODI\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比： 融资融券信用保证金\_期末

select sum(CRED\_MARG\_FINAL)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

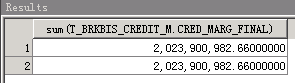
UNION ALL

select

sum(T1.CRED\_MARG\_FINAL)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比： 融资融券总资产\_月日均

select sum(CREDIT\_TOTAST\_MDA)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

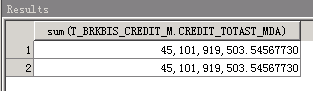
UNION ALL

select

sum(T1.TOT\_AST\_MDA)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比： 融资融券净资产\_月日均

select sum(CREDIT\_NET\_AST\_MDA)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

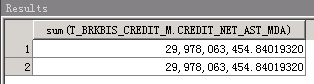
UNION ALL

select

sum(T1.NET\_AST\_MDA)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比： 融资融券总负债\_月日均

select sum(CREDIT\_TOT\_LIAB\_MDA)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

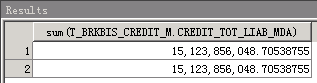
UNION ALL

select

sum(T1.TOT\_LIAB\_MDA)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比： 融资融券余额\_月日均

select sum(CREDIT\_BAL\_MDA)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

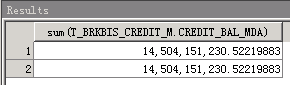
UNION ALL

select

sum(T1.CREDIT\_BAL\_MDA)

FROM DM.T\_AST\_EMPCUS\_ODI\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比：

--融资融券信用保证金\_月日均

--总资产\_年日均

--净资产\_年日均

--总负债\_年日均

select sum(CRED\_MARG\_MDA),

sum(CREDIT\_TOTAST\_YDA),

sum(CREDIT\_NET\_AST\_YDA),

sum(CREDIT\_TOT\_LIAB\_YDA)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

UNION ALL

select

sum(CRED\_MARG\_MDA)

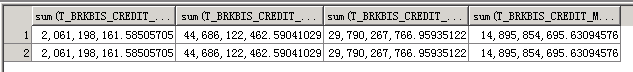
,sum(TOT\_AST\_YDA)

,sum(NET\_AST\_YDA)

,sum(TOT\_LIAB\_YDA)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比： 融资融券余额\_年日均

select sum(CREDIT\_BAL\_YDA)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

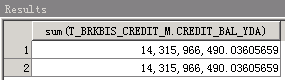
UNION ALL

select

sum(T1.CREDIT\_BAL\_YDA)

FROM DM.T\_AST\_EMPCUS\_ODI\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比：

--融资融券信用保证金\_年日均

select sum(CRED\_MARG\_YDA)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

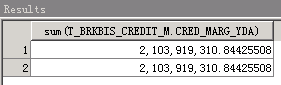
UNION ALL

select

sum(CRED\_MARG\_YDA)

FROM DM.T\_AST\_EMPCUS\_CREDIT\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';



-- 源数据和目标表对比：

--融资买入金额\_月累计

--融券卖出金额\_月累计

--融资卖出金额\_月累计

--融券买入金额\_月累计

--融资买入金额\_年累计

--融券卖出金额\_年累计

--融资卖出金额\_年累计

--融券买入金额\_年累计

--融资融券交易量\_普通\_月累计

--融资融券交易量\_信用\_月累计

--融资融券交易量\_普通\_年累计

--融资融券交易量\_信用\_年累计

select sum(CCB\_MTD)

,sum(CSS\_MTD)

,sum(FIN\_SELL\_MTD)

,sum(CRDT\_STK\_BUYIN\_MTD)

,sum(CCB\_YTD)

,sum(CSS\_YTD)

,sum(FIN\_SELL\_YTD)

,sum(CRDT\_STK\_BUYIN\_YTD)

,sum(CREDIT\_TRD\_QTY\_ODI\_MTD)

,sum(CREDIT\_TRD\_QTY\_CRED\_MTD)

,sum(CREDIT\_TRD\_QTY\_ODI\_YTD)

,sum(CREDIT\_TRD\_QTY\_CRED\_YTD)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

UNION ALL

select

sum(T1.CCB\_AMT\_MTD)

,sum(CSS\_AMT\_MTD)

,sum(FIN\_SELL\_AMT\_MTD)

,sum(CRDT\_STK\_BUYIN\_AMT\_MTD)

,sum(CCB\_AMT\_YTD)

,sum(CSS\_AMT\_YTD)

,sum(FIN\_SELL\_AMT\_YTD)

,sum(CRDT\_STK\_BUYIN\_AMT\_YTD)

,sum(CREDIT\_TRD\_QTY\_MTD)

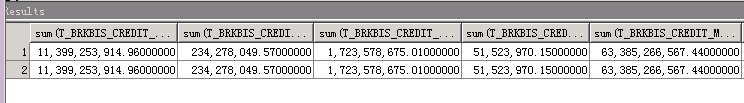
,sum(CREDIT\_TRD\_QTY\_MTD)

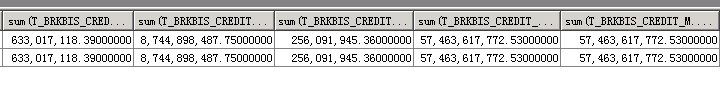
,sum(CREDIT\_TRD\_QTY\_YTD)

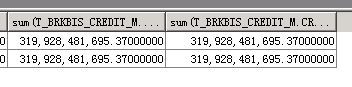
,sum(CREDIT\_TRD\_QTY\_YTD)

FROM DM.T\_EVT\_EMPCUS\_ODI\_TRD\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';







-- 源数据和目标表对比：

--融资融券净佣金\_普通\_月累计

--融资融券净佣金\_信用\_月累计

--融资融券净佣金\_普通\_年累计

--融资融券净佣金\_信用\_年累计

--融资融券应收利息\_月累计

--融资融券实收利息\_月累计

--融资融券资金成本\_月累计

--融资融券保证金利差收入\_月累计

--融资融券应收利息\_年累计

--融资融券实收利息\_年累计

--融资融券资金成本\_年累计

--融资融券保证金利差收入\_年累计

select sum(CREDIT\_NET\_CMS\_ODI\_MTD)

,sum(CREDIT\_NET\_CMS\_CRED\_MTD)

,sum(CREDIT\_NET\_CMS\_ODI\_YTD)

,sum(CREDIT\_NET\_CMS\_CRED\_YTD)

,sum(CREDIT\_RECE\_INT\_MTD)

,sum(CREDIT\_PAIDINT\_MTD)

,sum(CREDIT\_CPTL\_COST\_MTD)

,sum(CREDIT\_MARG\_SPR\_INCM\_MTD)

,sum(CREDIT\_RECE\_INT\_YTD)

,sum(CREDIT\_PAIDINT\_YTD)

,sum(CREDIT\_CPTL\_COST\_YTD)

,sum(CREDIT\_MARG\_SPR\_INCM\_YTD)

from dm.T\_BRKBIS\_CREDIT\_M

where year\_mth= '201805'

UNION ALL

select

sum(CREDIT\_ODI\_NET\_CMS\_MTD)

,sum(CREDIT\_CRED\_NET\_CMS\_MTD)

,sum(CREDIT\_ODI\_NET\_CMS\_YTD)

,sum(CREDIT\_CRED\_NET\_CMS\_YTD)

,sum(FIN\_RECE\_INT\_MTD)

,sum(FIN\_PAIDINT\_MTD)

,sum(CREDIT\_CPTL\_COST\_MTD)

,sum(CREDIT\_MARG\_SPR\_INCM\_MTD)

,sum(FIN\_RECE\_INT\_YTD)

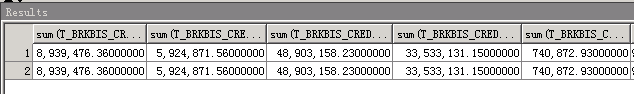
,sum(FIN\_PAIDINT\_YTD)

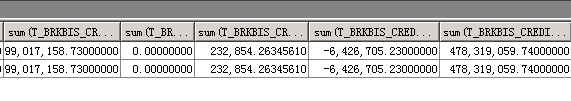
,sum(CREDIT\_CPTL\_COST\_YTD)

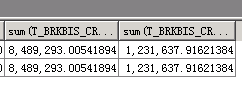
,sum(CREDIT\_MARG\_SPR\_INCM\_YTD)

FROM DM.T\_EVT\_EMPCUS\_CRED\_INCM\_M\_D T1

where T1.YEAR = '2018' AND T1.MTH = '05';







-- 帆软报表表样

