**2019-05-29 15:07 Project=C:\Autotesting\SIMCA\Created Projects\PhaseIterations.usp**

**Totals:**

Passed 100.00%

Failed 0.00%

**Project changed to 'C:\Autotesting\SIMCA\Created Projects\PhaseIterations.usp'**

**Development comparison applied with error margin '5000'**

**AlignedContributionScoresMultiWeight Model5 Comp1,2 wStar Batch(a462:1;4.00007) Batch(a462:2;3.15409) File=ContributionCase01M5.dif**

line=5

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresMultiWeight YVar1 Model5 Comp1,2 wStar Obs26,27,28 Obs0 Batch(a462:3;0.44253,a462:3;0.835941,a462:3;1.66252) File=ContributionCase02M5.dif**

line=6

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresMultiWeight YVar1 Model5 Comp1,2 wStar Obs53 Obs0 Batch(a462:4;2.17082) File=ContributionCase03M5.dif**

line=7

Passed 100.00%

Failed 0.00%

**Contribution DModX YVar1 Model5 Comp3 RX Obs7 File=ContributionCase04M5.dif**

line=8

Passed 100.00%

Failed 0.00%

**AlignedContributionDModY Model5 Comp3 RY Batch(a462:2;0,a462:2;0.835941,a462:2;1.76635) File=ContributionCase05M5.dif**

line=9

Passed 100.00%

Failed 0.00%

**Contribution DModY Model5 Comp3 RY Obs20 File=ContributionCase06M5.dif**

line=11

Passed 100.00%

Failed 0.00%

**AlignedContributionDModY Model5 Comp3 RY Batch(a462:2;3.15409,a462:2;4.00007,a462:2;4.96383) File=ContributionCase07M5.dif**

line=12

Passed 100.00%

Failed 0.00%

**AlignedContributionDModY Model5 Comp3 RY Batch(a462:1;6.36954) File=ContributionCase08M5.dif**

line=13

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresSingleWeight YVar1 Model5 Comp3 CoeffCSRaw Batch(a462:1;0,a462:1;0.835941) Batch(a462:2;0,a462:2;0.835941) File=ContributionCase09M5.dif**

line=14

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresSingleWeight YVar1 Model5 Comp3 CoeffCSRaw Batch(a462:1;4.00007) File=ContributionCase10M5.dif**

line=15

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresPSMultiWeight Model5 Comp1,2 wStar Batch(a482:2;1.76635,a482:2;2.53004) File=ContributionCase11M5.dif**

line=17

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresPSMultiWeight YVar1 Model5 Comp1,2 wStar Batch(a482:1;0.835941) File=ContributionCase12M5.dif**

line=18

Passed 100.00%

Failed 0.00%

**Contribution DModX PS YVar1 Model5 Comp3 RX Obs15 File=ContributionCase13M5.dif**

line=19

Passed 100.00%

Failed 0.00%

**AlignedContributionDModXPS YVar1 Model5 Comp3 RX Batch(a482:2;0,a482:2;0.835941,a482:2;1.76635) File=ContributionCase14M5.dif**

line=20

Passed 100.00%

Failed 0.00%

**AlignedContributionDModXPS YVar1 Model5 Comp3 RX Batch(a482:2;0) File=ContributionCase15M5.dif**

line=21

Passed 100.00%

Failed 0.00%

**Contribution DModX PS YVar1 Model5 Comp3 RX Obs30 File=ContributionCase16M5.dif**

line=23

Passed 100.00%

Failed 0.00%

**Contribution DModY PS Model5 Comp3 RY Obs30,35,40 File=ContributionCase17M5.dif**

line=24

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresPSSingleWeight YVar1 Model5 Comp3 CoeffCSRaw Obs25 Obs0 Batch(a480:1;0) File=ContributionCase18M5.dif**

line=25

Passed 100.00%

Failed 0.00%

**Contribution Scores PS YVar1 Model5 Comp3 CoeffCSRaw Obs5 Obs4 File=ContributionCase19M5.dif**

line=26

Passed 100.00%

Failed 0.00%

**Contribution Scores PS YVar1 Model5 Comp3 CoeffCSRaw Obs30,40 Obs25,35 File=ContributionCase20M5.dif**

line=27

Passed 100.00%

Failed 0.00%

**Contribution Scores YVar1 Model1 Comp1-3 PPo Obs57 Obs58,59,60,61 File=ContributionCase21M1.dif**

line=31

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresMultiWeight Model1 Comp1-3 PPo Batch(a462:3;0.726915) Batch(a462:3;0) File=ContributionCase22M1.dif**

line=32

Passed 100.00%

Failed 0.00%

**AlignedContributionDModX YVar1 Model1 Comp1-1,2,3 RX Batch(a462:2;1.66521) File=ContributionCase23M1.dif**

line=33

Passed 100.00%

Failed 0.00%

**AlignedContributionDModX YVar1 Model1 Comp1-1,2,3 RX Batch(a462:2;0.726915,a462:2;1.66521,a462:2;2.25956) File=ContributionCase24M1.dif**

line=34

Passed 100.00%

Failed 0.00%

**Contribution DModX YVar1 Model1 Comp1-1,2,3 RX Obs1,15,20 File=ContributionCase25M1.dif**

line=35

Passed 100.00%

Failed 0.00%

**Contribution DModX YVar1 Model1 Comp1-1,2,3 RX Obs13 File=ContributionCase26M1.dif**

line=37

Passed 100.00%

Failed 0.00%

**Contribution DModY Model1 Comp1-1,2,3 RY Obs35 File=ContributionCase27M1.dif**

line=38

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresSingleWeight YVar1 Model1 Comp1 CoeffCSRaw Batch(a462:2;0,a462:2;0.726915) Batch(a462:2;1.66521,a462:2;2.25956) File=ContributionCase28M1.dif**

line=39

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresSingleWeight YVar1 Model1 Comp1 CoeffCSRaw Obs15,16 Obs0 Batch(a462:2;1.27454,a462:2;1.66521) File=ContributionCase29M1.dif**

line=40

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresSingleWeight YVar1 Model1 Comp1 CoeffCSRaw Batch(a462:2;0) File=ContributionCase30M1.dif**

line=41

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresPSMultiWeight Model1 Comp1-3 PPo Batch(a482:1;2.25956) Batch(a482:2;2.25956,a482:3;1.66521) File=ContributionCase31M1.dif**

line=43

Passed 100.00%

Failed 0.00%

**Contribution Scores PS YVar1 Model1 Comp1-3 PPo Obs2,3 Obs4,5 File=ContributionCase32M1.dif**

line=44

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresPSMultiWeight YVar1 Model1 Comp1-3 PPo Obs15 Obs0 Batch(a482:2;0.924548) File=ContributionCase33M1.dif**

line=45

Passed 100.00%

Failed 0.00%

**AlignedContributionDModXPS YVar1 Model1 Comp1 RX Batch(a482:3;4.69887,a482:3;5.37158,a482:3;7.02332) File=ContributionCase34M1.dif**

line=46

Passed 100.00%

Failed 0.00%

**Contribution DModY PS Model1 Comp1-1,2,3 RY Obs20 File=ContributionCase35M1.dif**

line=47

Passed 100.00%

Failed 0.00%

**AlignedContributionDModYPS Model1 Comp1-1,2,3 RY Batch(a482:2;2.25956,a482:2;2.8622) File=ContributionCase36M1.dif**

line=49

Passed 100.00%

Failed 0.00%

**AlignedContributionDModYPS Model1 Comp1-1,2,3 RY Batch(a482:3;1.66521) File=ContributionCase37M1.dif**

line=50

Passed 100.00%

Failed 0.00%

**Contribution DModY PS Model1 Comp1-1,2,3 RY Obs10 File=ContributionCase38M1.dif**

line=51

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresPSSingleWeight YVar1 Model1 Comp1 CoeffCSRaw Batch(a482:2;2.25956) Batch(a482:2;1.66521,a482:2;2.8622) File=ContributionCase39M1.dif**

line=52

Passed 100.00%

Failed 0.00%

**AlignedContributionScoresPSSingleWeight YVar1 Model1 Comp1 CoeffCSRaw Obs59,60,61,62 Obs0 Batch(a482:4;0,a482:4;0.354623,a482:4;1.12968,a482:4;1.36649) File=ContributionCase40M1.dif**

line=53

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model1 Comp1 File=YPredM1.dif Unscaled Back-transformed**

line=57

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model1 Comp1 File=YPredPSM1.dif Unscaled Back-transformed**

line=58

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model2 Comp1 File=YPredM2.dif Unscaled Back-transformed**

line=59

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model2 Comp1 File=YPredPSM2.dif Unscaled Back-transformed**

line=60

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model3 Comp1 File=YPredM3.dif Unscaled Back-transformed**

line=61

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model3 Comp1 File=YPredPSM3.dif Unscaled Back-transformed**

line=62

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model4 Comp3 File=YPredM4.dif Unscaled Back-transformed**

line=63

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model4 Comp3 File=YPredPSM4.dif Unscaled Back-transformed**

line=64

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model5 Comp3 File=YPredM5.dif Unscaled Back-transformed**

line=65

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model5 Comp3 File=YPredPSM5.dif Unscaled Back-transformed**

line=66

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model6 Comp3 File=YPredM6.dif Unscaled Back-transformed**

line=67

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model6 Comp3 File=YPredPSM6.dif Unscaled Back-transformed**

line=68

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model7 Comp2 File=YPredM7.dif Unscaled Back-transformed**

line=69

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model7 Comp2 File=YPredPSM7.dif Unscaled Back-transformed**

line=70

Passed 100.00%

Failed 0.00%

**t Model8 File=tM8.dif**

line=71

Passed 100.00%

Failed 0.00%

**TPS Model8 File=tPSM8.dif**

line=72

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model9 Comp1 File=YPredM9.dif Unscaled Back-transformed**

line=73

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model9 Comp1 File=YPredPSM9.dif Unscaled Back-transformed**

line=74

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model10 Comp1 File=YPredM10.dif Unscaled Back-transformed**

line=75

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model10 Comp1 File=YPredPSM10.dif Unscaled Back-transformed**

line=76

Passed 100.00%

Failed 0.00%

**YPred unscaled Backtransformed Model11 Comp1 File=YPredM11.dif Unscaled Back-transformed**

line=77

Passed 100.00%

Failed 0.00%

**YPredPS unscaled Backtransformed Model11 Comp1 File=YPredPSM11.dif Unscaled Back-transformed**

line=78

Passed 100.00%

Failed 0.00%

**AlignedT Model3 Comp1 File=AlignedTM3.dif**

line=82

Passed 100.00%

Failed 0.00%

**AlignedT2Range Model3 Comp1,3 File=AlignedT2RangeM3.dif**

line=83

Passed 100.00%

Failed 0.00%

**AlignedT2RangePS Model3 Comp1,3 File=AlignedT2RangePSM3.dif**

line=84

Passed 100.00%

Failed 0.00%

**AlignedT2RangePSStdDevAndAverage Model3 Comp1,3 File=AlignedT2RangePSAvgStdM3.dif**

line=85

Passed 100.00%

Failed 0.00%

**AlignedT2RangeStdDevAndAverage Model3 Comp1,3 File=AlignedT2RangeAvgStdM3.dif**

line=86

Passed 100.00%

Failed 0.00%

**AlignedTimeMaturity Model3 File=AlignedMaturityM3.dif**

line=87

Passed 100.00%

Failed 0.00%

**AlignedTo Model3 Comp1 File=AlignedToM3.dif**

line=88

Passed 100.00%

Failed 0.00%

**AlignedToPS Model3 Comp1 File=AlignedToPSM3.dif**

line=89

Passed 100.00%

Failed 0.00%

**AlignedTPS Model3 Comp1 File=AlignedTPSM3.dif**

line=90

Passed 100.00%

Failed 0.00%

**AlignedTPSStdDevAndAverage Model3 Comp1 File=AlignedTPSAvgStdM3.dif**

line=91

Passed 100.00%

Failed 0.00%

**AlignedTStdDevAndAverage Model3 Comp1 File=AlignedTAvgStdM3.dif**

line=92

Passed 100.00%

Failed 0.00%

**AlignedYPredPSStdDevAndAverage YVar1 Model3 Comp1 File=AlignedYPredPSWSAvgStdM3.dif**

line=93

Passed 100.00%

Failed 0.00%

**AlignedYPredStdDevAndAverage YVar1 Model3 Comp1 File=AlignedYPredWSAvgStdM3.dif**

line=94

Passed 100.00%

Failed 0.00%

**XVar unscaled Model12 File=XVarM12.dif Unscaled Transformed**

line=97

Passed 100.00%

Failed 0.00%

**XVarPS unscaled Model12 File=XVarPSM12.dif Unscaled Transformed**

line=98

Passed 100.00%

Failed 0.00%

**XVar unscaled Model13 File=XVarM13.dif Unscaled Transformed**

line=99

Passed 100.00%

Failed 0.00%

**XVarPS unscaled Model13 File=XVarPSM13.dif Unscaled Transformed**

line=100

Passed 100.00%

Failed 0.00%

**XVar unscaled Model14 File=XVarM14.dif Unscaled Transformed**

line=101

Passed 100.00%

Failed 0.00%

**XVarPS unscaled Model14 File=XVarPSM14.dif Unscaled Transformed**

line=102

Passed 100.00%

Failed 0.00%

**VarDS Comp25 File=VarDS25.dif**

line=103

Passed 100.00%

Failed 0.00%