**Obs vs Time-Pred RIs** 104 10<sup>3</sup> 102 Observed RI (years) 10<sup>1</sup> 10° 10 1 10<sup>2</sup> 10 3 10<sup>2</sup>
Time Pred RI (tpInterval2List) (years)

```
DATASET #1 (symbol: + symbols, width=4.0; color: 0,0,255)
SAF-Mendo Offs
sectID = 1 corr = 0.019242747 (0.6920788)
DATASET #2 (symbol: + symbols, width=4.0; color: 0,0,0)
SAF-N Mendocin
sectID = 2 corr = 0.42985618 (0.0044955756)
DATASET #3 (symbol: + symbols, width=4.0; color: 0,255,0)
SAF-N Mendocin
sectID = 3 corr = 0.70949596 (1.0400142E-12)
DATASET #4 (symbol: + symbols, width=4.0; color: 255,0,255)
SAF-N_Coast_Of
sectID = 4 corr = 0.76678604 (1.256305E-8)
DATASET #5 (symbol: + symbols, width=4.0; color: 255,175,175)
SAF-N Coast On
sectID = 5 corr = 0.42802286 (2.4857275E-7)
DATASET #6 (symbol: + symbols, width=4.0; color: 192,192,192)
SAF-N Mid Peni
sectID = 6 corr = 0.47299057 (2.7209391E-5)
DATASET #7 (symbol: + symbols, width=4.0; color: 255,0,0)
SAF-S_Mid_Peni
sectID = 7 corr = 0.946417 (3.0426983E-7)
DATASET #8 (symbol: + symbols, width=4.0; color: 255,200,0)
SAF-S Mid Peni
sectID = 8 corr = 0.8750819 (0.0)
DATASET #9 (symbol: + symbols, width=4.0; color: 0,255,255)
SAF-S Cruz Mts
sectID = 9 corr = 0.46281648 (1.0417546E-9)
DATASET #10 (symbol: + symbols, width=4.0; color: 64,64,64)
SAF-S_Cruz_Mts
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sectID = 10 corr = 0.10222978 (0.8273548)
DATASET #11 (symbol: + symbols, width=4.0; color: 128,128,128)
SAF-Parkfield
sectID = 13 corr = 0.77467585 (0.0)
DATASET #12 (symbol: + symbols, width=4.0; color: 0,0,255)
SAF-Cholame
sectID = 14 corr = 0.6050144 (0.013024726)
DATASET #13 (symbol: + symbols, width=4.0; color: 0,0,0)
SAF-Carrizo
sectID = 15 corr = 0.9950081 (1.3902174E-30)
DATASET #14 (symbol: + symbols, width=4.0; color: 0,255,0)
SAF-Mojave
sectID = 16 corr = 0.67853373 (5.6098093E-32)
DATASET #15 (symbol: + symbols, width=4.0; color: 255,0,255)
SAF-San Bernar
sectID = 17 corr = 0.6522598 (2.9174713E-5)
DATASET #16 (symbol: + symbols, width=4.0; color: 255,175,175)
sectID = 18 corr = 0.22070839 (0.24118699)
DATASET #17 (symbol: + symbols, width=4.0; color: 192,192,192)
Imperial-N
sectID = 20 corr = 0.60383993 (3.412E-42)
DATASET #18 (symbol: + symbols, width=4.0; color: 255,0,0)
Imperial-C
sectID = 21 corr = 0.6833275 (8.963119E-4)
DATASET #19 (symbol: + symbols, width=4.0; color: 255,200,0)
San Bernardino
sectID = 23 corr = 0.9127972 (9.3182875E-28)
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DATASET #20 (symbol: + symbols, width=4.0; color: 0,255,255)
San Jacinto
sectID = 24 corr = 0.8113329 (0.0)
DATASET #21 (symbol: + symbols, width=4.0; color: 64,64,64)
Anza
sectID = 25 corr = 0.92660445 (1.3961356E-36)
DATASET #22 (symbol: + symbols, width=4.0; color: 128,128,128)
Coyote_Cr
sectID = 26 corr = 0.70133054 (9.814353E-22)
DATASET #23 (symbol: + symbols, width=4.0; color: 0,0,255)
Borrego
sectID = 27 corr = 0.8171585 (3.4889023E-25)
DATASET #24 (symbol: + symbols, width=4.0; color: 0,0,0)
Superstion Mt.
sectID = 28 corr = 0.90232265 (7.330783E-13)
DATASET #25 (symbol: + symbols, width=4.0; color: 0,255,0)
Superstion HII
sectID = 29 corr = 0.5097606 (1.5017177E-8)
DATASET #26 (symbol: + symbols, width=4.0; color: 255,0,255)
Glen_Ivy
sectID = 31 corr = 0.12823863 (0.91813534)
DATASET #27 (symbol: + symbols, width=4.0; color: 255,175,175)
Temecula
sectID = 32 corr = 0.62709874 (6.717002E-32)
DATASET #28 (symbol: + symbols, width=4.0; color: 192,192,192)
sectID = 33 corr = 0.88455516 (7.236999E-21)
DATASET #29 (symbol: + symbols, width=4.0; color: 255,0,0)
Coyote_Mt.
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sectID = 34 corr = 0.89792645 (1.4239536E-25)
DATASET #30 (symbol: + symbols, width=4.0; color: 255,200,0)
Earthqk Valley
sectID = 35 corr = 0.93483055 (6.5856735E-4)
DATASET #31 (symbol: + symbols, width=4.0; color: 0,255,255)
N San Gregorio
sectID = 36 corr = 0.8829184 (1.7E-44)
DATASET #32 (symbol: + symbols, width=4.0; color: 64,64,64)
S San Gregorio
sectID = 37 corr = 0.8954975 (4.1675637E-8)
DATASET #33 (symbol: + symbols, width=4.0; color: 128,128,128)
N Maacama
sectID = 38 corr = 0.7590612 (8.83122E-9)
DATASET #34 (symbol: + symbols, width=4.0; color: 0,0,255)
C Maacama
sectID = 39 corr = 0.98048407 (1.9003961E-13)
DATASET #35 (symbol: + symbols, width=4.0; color: 0,0,0)
S Maacama
sectID = 40 corr = 0.56204945 (1.0128389E-21)
DATASET #36 (symbol: + symbols, width=4.0; color: 0,255,0)
Rodgers Creek
sectID = 41 corr = 0.96151674 (0.0)
DATASET #37 (symbol: + symbols, width=4.0; color: 255,0,255)
Hayward
sectID = 42 corr = 0.2381931 (0.010709992)
DATASET #38 (symbol: + symbols, width=4.0; color: 255,175,175)
Hayward
sectID = 43 corr = 0.91574717 (0.0)
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DATASET #39 (symbol: + symbols, width=4.0; color: 192,192,192)
Berryessa
sectID = 44 corr = 0.80939704 (4.4624566E-32)
DATASET #40 (symbol: + symbols, width=4.0; color: 255,0,0)
Greenvalley
sectID = 45 corr = 0.24557985 (0.0012056308)
DATASET #41 (symbol: + symbols, width=4.0; color: 255,200,0)
Concord
sectID = 46 corr = 0.69744635 (5.954641E-10)
DATASET #42 (symbol: + symbols, width=4.0; color: 0,255,255)
Calaveras
sectID = 48 corr = 0.79008645 (3.5342E-41)
DATASET #43 (symbol: + symbols, width=4.0; color: 64,64,64)
West Napa
sectID = 50 corr = 0.8344657 (5.146133E-14)
DATASET #44 (symbol: + symbols, width=4.0; color: 128,128,128)
Greenville
sectID = 51 corr = 0.92577106 (5.495299E-33)
DATASET #45 (symbol: + symbols, width=4.0; color: 0,0,255)
Cucamonga
sectID = 55 corr = 0.9323545 (1.4515253E-7)
DATASET #46 (symbol: + symbols, width=4.0; color: 0,0,0)
Palos Verdes
sectID = 56 corr = 0.5740022 (1.10189035E-7)
DATASET #47 (symbol: + symbols, width=4.0; color: 0,255,0)
Pals V-Corbank
sectID = 57 corr = 0.74477124 (7.0136884E-5)
DATASET #48 (symbol: + symbols, width=4.0; color: 255,0,255)
B_Elpark
```

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sectID = 58 corr = 0.689038 (0.0011026217)
DATASET #49 (symbol: + symbols, width=4.0; color: 255,175,175)
Snta Ynez-W
sectID = 59 corr = 0.84406835 (2.38599E-20)
DATASET #50 (symbol: + symbols, width=4.0; color: 192,192,192)
Snta Ynez-E
sectID = 60 corr = 0.5631736 (0.03599333)
DATASET #51 (symbol: + symbols, width=4.0; color: 255,0,0)
San Cayetano
sectID = 62 corr = 0.6109887 (0.10757444)
DATASET #52 (symbol: + symbols, width=4.0; color: 255,200,0)
Oakridge-onsho
sectID = 63 corr = -0.9791764 (0.13014558)
DATASET #53 (symbol: + symbols, width=4.0; color: 0,255,255)
Santa Susana
sectID = 64 corr = 0.80401254 (1.2603655E-23)
DATASET #54 (symbol: + symbols, width=4.0; color: 64,64,64)
White Wolf
sectID = 65 corr = 0.762943 (3.1307797E-11)
DATASET #55 (symbol: + symbols, width=4.0; color: 128,128,128)
Pleito
sectID = 66 corr = 0.9754925 (2.887472E-25)
DATASET #56 (symbol: + symbols, width=4.0; color: 0,0,255)
Anacapa-Dume
sectID = 67 corr = 0.7239911 (2.9038478E-5)
DATASET #57 (symbol: + symbols, width=4.0; color: 0,0,0)
Pitas Pt East
sectID = 68 corr = 0.8294634 (3.827824E-5)
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DATASET #58 (symbol: + symbols, width=4.0; color: 0,255,0)
Nwprt_Ing-off
sectID = 69 corr = 0.93909293 (8.264141E-18)
DATASET #59 (symbol: + symbols, width=4.0; color: 255,0,255)
Rose_Cny-off
sectID = 70 corr = 0.8711654 (1.05431616E-4)
DATASET #60 (symbol: + symbols, width=4.0; color: 255,175,175)
Garlock E
sectID = 71 corr = 0.96710986 (1.7024636E-8)
DATASET #61 (symbol: + symbols, width=4.0; color: 192,192,192)
Garlock_W
sectID = 72 corr = 0.81887114 (1.3108398E-15)
DATASET #62 (symbol: + symbols, width=4.0; color: 255,0,0)
Pinto Mtn
sectID = 73 corr = 0.84866005 (1.1075367E-17)
DATASET #63 (symbol: + symbols, width=4.0; color: 255,200,0)
Cleghorn
sectID = 74 corr = 0.9714502 (0.0)
DATASET #64 (symbol: + symbols, width=4.0; color: 0,255,255)
Hosgri
sectID = 75 corr = 0.94038635 (4.2804172E-33)
DATASET #65 (symbol: + symbols, width=4.0; color: 64,64,64)
Owl Lk
sectID = 76 corr = 0.7202922 (1.258142E-20)
DATASET #66 (symbol: + symbols, width=4.0; color: 128,128,128)
Death VIIv-S
sectID = 77 corr = 0.3337975 (0.019081702)
DATASET #67 (symbol: + symbols, width=4.0; color: 0,0,255)
Hunter_Mtn
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sectID = 79 corr = 0.24663912 (0.3238228)
DATASET #68 (symbol: + symbols, width=4.0; color: 0,0,0)
Panamint
sectID = 80 corr = 0.6140475 (4.1560618E-12)
DATASET #69 (symbol: + symbols, width=4.0; color: 0,255,0)
Owens VIIy
sectID = 81 corr = 0.85681826 (1.322074E-11)
DATASET #70 (symbol: + symbols, width=4.0; color: 255,0,255)
Death VIIy-N
sectID = 82 corr = 0.7965605 (1.0569049E-22)
DATASET #71 (symbol: + symbols, width=4.0; color: 255,175,175)
Laguna Salada
sectID = 83 corr = 0.92552054 (1.2416925E-34)
DATASET #72 (symbol: + symbols, width=4.0; color: 192,192,192)
Elmore Ranch
sectID = 84 corr = 0.9351578 (0.0)
DATASET #73 (symbol: + symbols, width=4.0; color: 255,0,0)
San Gabriel
sectID = 86 corr = 0.99942994 (5.700838E-4)
DATASET #74 (symbol: + symbols, width=4.0; color: 255,200,0)
sectID = 88 corr = 0.8168794 (0.0011818795)
DATASET #75 (symbol: + symbols, width=4.0; color: 0,255,255)
Hollywood
sectID = 89 corr = 0.69970804 (0.0025501975)
DATASET #76 (symbol: + symbols, width=4.0; color: 64,64,64)
Raymond
sectID = 90 corr = 0.8482787 (0.0019222987)
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DATASET #77 (symbol: + symbols, width=4.0; color: 128,128,128)
San Jose
sectID = 91 corr = 0.9008113 (0.0056381025)
DATASET #78 (symbol: + symbols, width=4.0; color: 0,0,255)
Newport_Ing
sectID = 92 corr = 0.96766585 (1.9391842E-5)
DATASET #79 (symbol: + symbols, width=4.0; color: 0,0,0)
Chino_Central
sectID = 93 corr = 0.85748696 (0.0031208228)
DATASET #80 (symbol: + symbols, width=4.0; color: 0,255,0)
Ventura
sectID = 96 corr = 0.8070751 (5.1635194E-5)
DATASET #81 (symbol: + symbols, width=4.0; color: 255,0,255)
Pitas Pt West
sectID = 97 corr = 0.65692675 (2.146522E-18)
DATASET #82 (symbol: + symbols, width=4.0; color: 255,175,175)
sectID = 98 corr = 0.21089981 (0.40088332)
DATASET #83 (symbol: + symbols, width=4.0; color: 192,192,192)
Holser
sectID = 99 corr = 0.9489594 (1.9722761E-9)
DATASET #84 (symbol: + symbols, width=4.0; color: 255,0,0)
Bigpine
sectID = 100 corr = 0.9787699 (1.2334998E-16)
DATASET #85 (symbol: + symbols, width=4.0; color: 255,200,0)
Santa Rosa Isl
sectID = 101 corr = 0.9171611 (1.15067844E-10)
DATASET #86 (symbol: + symbols, width=4.0; color: 0,255,255)
Santa_Cruz_Isl
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sectID = 102 corr = 0.9929097 (7.5229436E-5)
DATASET #87 (symbol: + symbols, width=4.0; color: 64,64,64)
Blackwater
sectID = 104 corr = 0.9588559 (1.00052085E-10)
DATASET #88 (symbol: + symbols, width=4.0; color: 128,128,128)
Harper Lk
sectID = 105 corr = 0.5689337 (0.0057238466)
DATASET #89 (symbol: + symbols, width=4.0; color: 0,0,255)
Helendale
sectID = 106 corr = 0.9568983 (1.4754324E-10)
DATASET #90 (symbol: + symbols, width=4.0; color: 0,0,0)
Lockhart
sectID = 107 corr = 0.714039 (1.2992695E-4)
DATASET #91 (symbol: + symbols, width=4.0; color: 0,255,0)
Hidalgo-Wc
sectID = 108 corr = 0.9408717 (9.8187605E-14)
DATASET #92 (symbol: + symbols, width=4.0; color: 255,0,255)
Bullion-Mesq
sectID = 109 corr = 0.9540809 (1.4882887E-6)
DATASET #93 (symbol: + symbols, width=4.0; color: 255,175,175)
Johnson Vly-N
sectID = 110 corr = 0.99999243 (0.0024757055)
DATASET #94 (symbol: + symbols, width=4.0; color: 192,192,192)
Landers
sectID = 111 corr = 0.9996461 (3.5389612E-4)
DATASET #95 (symbol: + symbols, width=4.0; color: 255,0,0)
Emerson-CopMt
sectID = 112 corr = 0.9529179 (4.8254244E-16)
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DATASET #96 (symbol: + symbols, width=4.0; color: 255,200,0)
N Frontal-W
sectID = 113 corr = 0.91624945 (2.5330798E-32)
DATASET #97 (symbol: + symbols, width=4.0; color: 0,255,255)
N Frontal-E
sectID = 114 corr = 0.9922341 (1.5764998E-8)
DATASET #98 (symbol: + symbols, width=4.0; color: 64,64,64)
Burnt Mtn
sectID = 115 corr = 0.48990935 (0.12609312)
DATASET #99 (symbol: + symbols, width=4.0; color: 128,128,128)
Eureka_Peak
sectID = 116 corr = 0.9317651 (0.0022511669)
DATASET #100 (symbol: + symbols, width=4.0; color: 0.0,255)
San Juan
sectID = 119 corr = 0.6674478 (0.0065549323)
DATASET #101 (symbol: + symbols, width=4.0; color: 0.0.0)
Tank_Cyn
sectID = 120 corr = 0.78383106 (5.8673577E-6)
DATASET #102 (symbol: + symbols, width=4.0; color: 0,255,0)
Little_Lake
sectID = 121 corr = 0.92023426 (1.1130009E-11)
DATASET #103 (symbol: + symbols, width=4.0; color: 255,0,255)
Birch Ck
sectID = 122 corr = 0.93358976 (0.23331675)
DATASET #104 (symbol: + symbols, width=4.0; color: 255,175,175)
Cerro Prieto-N
sectID = 123 corr = 0.5320063 (4.21273E-14)
DATASET #105 (symbol: + symbols, width=4.0; color: 192,192,192)
Cerro Prieto-S
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sectID = 124 corr = 0.9386991 (1.2425042E-33)
DATASET #106 (symbol: + symbols, width=4.0; color: 255,0,0)
Cerro Prieto-W
sectID = 125 corr = 0.25568295 (0.033968512)
DATASET #107 (symbol: + symbols, width=4.0; color: 255,200,0)
San Miguel
sectID = 126 corr = -0.06385733 (0.89181334)
DATASET #108 (symbol: + symbols, width=4.0; color: 0,255,255)
Mono
sectID = 127 corr = -0.24479656 (0.20059401)
DATASET #109 (symbol: + symbols, width=4.0; color: 64,64,64)
Hartley_Spr
sectID = 128 corr = 0.80092645 (0.016895805)
DATASET #110 (symbol: + symbols, width=4.0; color: 128,128,128)
Hilton Crk
sectID = 129 corr = 0.9145722 (4.6265725E-26)
DATASET #111 (symbol: + symbols, width=4.0; color: 0,0,255)
Round Valley
sectID = 130 corr = 0.98986983 (7.447914E-16)
DATASET #112 (symbol: + symbols, width=4.0; color: 0,0,0)
Deep Spr
sectID = 131 corr = 0.9482917 (7.0958075E-9)
DATASET #113 (symbol: + symbols, width=4.0; color: 0,255,0)
White Mtn
sectID = 132 corr = 0.88598615 (9.175488E-8)
DATASET #114 (symbol: + symbols, width=4.0; color: 255,0,255)
Death VIIy-NCu
sectID = 133 corr = 0.7620776 (4.0303138E-7)
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DATASET #115 (symbol: + symbols, width=4.0; color: 255,175,175)
Rinconada
sectID = 134 corr = 0.97444254 (3.8794478E-11)
DATASET #116 (symbol: + symbols, width=4.0; color: 192,192,192)
MontBay-Tul
sectID = 135 corr = 0.992864 (7.6201235E-5)
DATASET #117 (symbol: + symbols, width=4.0; color: 255,0,0)
Quien Sabe
sectID = 136 corr = 0.8190084 (5.115216E-20)
DATASET #118 (symbol: + symbols, width=4.0; color: 255,200,0)
Ortigalita
sectID = 137 corr = 0.91802233 (2.5448187E-21)
DATASET #119 (symbol: + symbols, width=4.0; color: 0,255,255)
Mt. Diablo
sectID = 138 corr = 0.9158708 (2.9919235E-32)
DATASET #120 (symbol: + symbols, width=4.0; color: 64,64,64)
Collayomi
sectID = 139 corr = 0.83075666 (1.0612012E-5)
DATASET #121 (symbol: + symbols, width=4.0; color: 128,128,128)
Bartlett_Spring
sectID = 142 corr = 0.6164287 (0.032788634)
DATASET #122 (symbol: + symbols, width=4.0; color: 0,0,255)
Antelope VIIv
sectID = 143 corr = 0.8963735 (0.039415915)
DATASET #123 (symbol: + symbols, width=4.0; color: 0,0,0)
Genoa
sectID = 144 corr = 0.77046734 (4.784173E-4)
DATASET #124 (symbol: + symbols, width=4.0; color: 0,255,0)
Robinson Crk
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sectID = 146 corr = 0.8665394 (6.082053E-5)
DATASET #125 (symbol: + symbols, width=4.0; color: 255,0,255)
B Chan Isle Th
sectID = 147 corr = 0.88330656 (0.0015917345)
DATASET #126 (symbol: + symbols, width=4.0; color: 255,175,175)
Puente Hills
sectID = 148 corr = 0.42429912 (0.47644392)
DATASET #127 (symbol: + symbols, width=4.0; color: 192,192,192)
Sn Joaquin Hil
sectID = 149 corr = 0.91641134 (0.08358864)
DATASET #128 (symbol: + symbols, width=4.0; color: 255,0,0)
Honey Lake
sectID = 150 corr = 0.35585886 (0.007666759)
DATASET #129 (symbol: + symbols, width=4.0; color: 255,200,0)
Surprise Valley
sectID = 152 corr = 0.7345557 (0.09633931)
DATASET #130 (symbol: + symbols, width=4.0; color: 0,255,255)
Hat Creek
sectID = 153 corr = 0.81689817 (3.5049575E-6)
DATASET #131 (symbol: + symbols, width=4.0; color: 64,64,64)
Gillem-Big Cra
sectID = 154 corr = 0.27586544 (0.44040942)
DATASET #132 (symbol: + symbols, width=4.0; color: 128,128,128)
Cedar Mtn-Ma M
sectID = 155 corr = 0.54726195 (0.20356886)
DATASET #133 (symbol: + symbols, width=4.0; color: 0,0,255)
Likely
sectID = 156 corr = 0.5732944 (0.31229183)
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DATASET #134 (symbol: + symbols, width=4.0; color: 0,0,0)
Lt Salmon Off
sectID = 160 corr = 0.90887576 (2.944456E-8)
DATASET #135 (symbol: + symbols, width=4.0; color: 0,255,0)
B_Lagoon-Bld_M
sectID = 161 corr = 0.44037634 (0.031266127)
DATASET #136 (symbol: + symbols, width=4.0; color: 255,0,255)
Battle_Creek
sectID = 166 corr = -0.8358265 (0.3699778)
DATASET #137 (symbol: + symbols, width=4.0; color: 255,175,175)
Great_Val_2
sectID = 168 corr = 0.9514554 (1.587081E-20)
DATASET #138 (symbol: + symbols, width=4.0; color: 192,192,192)
Great Val 3
sectID = 169 corr = 0.93376434 (2.2277157E-10)
DATASET #139 (symbol: + symbols, width=4.0; color: 255,0,0)
Great Val 4a
sectID = 170 corr = 0.9226086 (6.485E-42)
DATASET #140 (symbol: + symbols, width=4.0; color: 255,200,0)
Great_Val_4b
sectID = 171 corr = 0.8446773 (2.3798343E-14)
DATASET #141 (symbol: + symbols, width=4.0; color: 0,255,255)
Great Val 5
sectID = 172 corr = 0.9010966 (7.045032E-21)
DATASET #142 (symbol: + symbols, width=4.0; color: 64,64,64)
Great Val 7
sectID = 173 corr = 0.79654837 (3.9648017E-7)
DATASET #143 (symbol: + symbols, width=4.0; color: 128,128,128)
Great Val 8
```

```
sectID = 174 corr = 0.7328412 (1.5774199E-4)
DATASET #144 (symbol: + symbols, width=4.0; color: 0,0,255)
Great Val 9
sectID = 175 corr = 0.5751201 (0.01976849)
DATASET #145 (symbol: + symbols, width=4.0; color: 0,0,0)
Great Val 10
sectID = 176 corr = 0.7935803 (8.67809E-27)
DATASET #146 (symbol: + symbols, width=4.0; color: 0,255,0)
Great Val 11
sectID = 177 corr = 0.93508 (1.2693427E-29)
DATASET #147 (symbol: + symbols, width=4.0; color: 255,0,255)
Great_Val_12
sectID = 178 corr = 0.8193062 (5.9824667E-12)
DATASET #148 (symbol: + symbols, width=4.0; color: 255,175,175)
Great Val 13
sectID = 179 corr = 0.28174847 (0.20397738)
DATASET #149 (symbol: + symbols, width=4.0; color: 192,192,192)
Great Val 14
sectID = 180 corr = 0.8356046 (4.990834E-28)
```