

### PVFacSingle

|     |                      |
|-----|----------------------|
| 1.  | defMortTable         |
| 2.  | defMortAgeShift      |
| 3.  | immMortTable         |
| 4.  | immMortAgeShift      |
| 5.  | interestCode         |
| 6.  | interestRange        |
| 7.  | payPeriodCount       |
| 8.  | <i>calcAge</i> *     |
| 9.  | <i>benStartAge</i> * |
| 10. | benPeriod            |
| 11. | yrsGuaranteed        |
| 12. | numberOfDigits       |

### ConFacCC

|    |                  |
|----|------------------|
| 1. | mortTable        |
| 2. | mortAgeShift     |
| 3. | interestCode     |
| 4. | interestRange    |
| 5. | payPeriodCount   |
| 6. | origGuarantee    |
| 7. | newGuarantee     |
| 8. | <i>calcAge</i> * |
| 9. | numberOfDigits   |

### LifeExpect

|    |                  |
|----|------------------|
| 1. | mortTable        |
| 2. | mortAgeShift     |
| 3. | <i>calcAge</i> * |
| 4. | numberOfDigits   |

### PVFacJS

|     |                      |
|-----|----------------------|
| 1.  | prmDefMortTable      |
| 2.  | prmDefMortAgeShift   |
| 3.  | secDefMortTable      |
| 4.  | secDefMortAgeShift   |
| 5.  | prmImmMortTable      |
| 6.  | prmImmMortAgeShift   |
| 7.  | secImmMortTable      |
| 8.  | secImmMortAgeShift   |
| 9.  | interestCode         |
| 10. | interestRange        |
| 11. | payPeriodCount       |
| 12. | annuityType          |
| 13. | pctContinued         |
| 14. | origGuarantee        |
| 15. | <i>prmCalcAge</i> *  |
| 16. | <i>secCalcAge</i> *  |
| 17. | <i>benStartAge</i> * |
| 18. | benPeriod            |
| 19. | yrsGuaranteed        |
| 20. | numberOfDigits       |

### PVFacCertain

|    |                    |
|----|--------------------|
| 1. | interestCode       |
| 2. | interestRange      |
| 3. | payPeriodCount     |
| 4. | whenPaid           |
| 5. | yrsDeferred        |
| 6. | <i>benPeriod</i> * |
| 7. | numberOfDigits     |

### ConFacLI

|     |                  |
|-----|------------------|
| 1.  | mortTable        |
| 2.  | mortAgeShift     |
| 3.  | interestCode     |
| 4.  | interestRange    |
| 5.  | payPeriodCount   |
| 6.  | origGuarantee    |
| 7.  | newGuarantee     |
| 8.  | typeOfGuarantee  |
| 9.  | ageBenReduced    |
| 10. | <i>calcAge</i> * |
| 11. | nfBenefit        |
| 12. | benReduction     |
| 13. | numberOfDigits   |

### ConFacJS

|     |                     |
|-----|---------------------|
| 1.  | prmMortTable        |
| 2.  | prmMortAgeShift     |
| 3.  | secMortTable        |
| 4.  | secMortAgeShift     |
| 5.  | interestCode        |
| 6.  | interestRange       |
| 7.  | payPeriodCount      |
| 8.  | annuityType         |
| 9.  | pctContinued        |
| 10. | origGuarantee       |
| 11. | newGuarantee        |
| 12. | <i>prmCalcAge</i> * |
| 13. | <i>secCalcAge</i> * |
| 14. | numberOfDigits      |

### ActEquiv

|     |                  |
|-----|------------------|
| 1.  | defMortTable     |
| 2.  | defMortAgeShift  |
| 3.  | immMortTable     |
| 4.  | immMortAgeShift  |
| 5.  | interestCode     |
| 6.  | interestRange    |
| 7.  | payPeriodCount   |
| 8.  | <i>origAge</i> * |
| 9.  | <i>newAge</i> *  |
| 10. | numberOfDigits   |

### GetMort

|    |           |
|----|-----------|
| 1. | mortTable |
| 2. | mortAge   |

### GetScale

|    |            |
|----|------------|
| 1. | scaleTable |
| 2. | scaleAge   |

### Get2dScale

|    |            |
|----|------------|
| 1. | scaleTable |
| 2. | scaleAge   |
| 3. | calYear    |

ben = Benefit  
 calc = Calculation  
 def = Deferred

imm = Immediate  
 mort = Mortality  
 nf = Normal form

orig = Original  
 pay = Payment  
 pct = Percentage

prm = Primary annuitant  
 sec = Secondary annuitant  
 yrs = Number of years

|                    |   |
|--------------------|---|
| Compose Function ▶ | Present Value Factor - Single Life Annuity...     |
| Compose Factor ▶   | Present Value Factor - Joint Life / JS Annuity... |
| Compose Other ▶    | Present Value Factor - Certain Annuity...         |
| Help ▶             | Conversion Factor - Certain and Continuous...     |
|                    | Conversion Factor - Joint and Survivor...         |
|                    | Conversion Factor - Level Income...               |
|                    | Actuarial Equivalence Factor...                   |
|                    | Life Expectancy                                   |

|                    |                                   |
|--------------------|-----------------------------------|
| Compose Function ▶ |                                   |
| Compose Factor ▶   |                                   |
| Compose Other ▶    | Interest Rate Range...            |
| Help ▶             | Projected Mortality Range...      |
|                    | Standard Mortality Table...       |
|                    | Standard Scale Table...           |
|                    | Standard 2d Scale Table...        |
|                    | Commutation Functions (Annuity)   |
|                    | Commutation Functions (Insurance) |

|                    |  |
|--------------------|--|
| Compose Function ▶ |  |
| Compose Factor ▶   | Lump Sum (single interest rate)          |
| Compose Other ▶    | Lump Sum (select / ultimate interest)    |
| Help ▶             | Lump Sum (deferred / immediate interest) |
|                    | Lump Sum (segmented rate structure)      |
|                    | Discount Factor - Single Life            |
|                    | Discount Factor - Joint Life             |
|                    | Accumulation Factor - Single Life        |
|                    | Accumulation Factor - Joint Life         |

|                    |                    |
|--------------------|--------------------|
| Compose Function ▶ |                    |
| Compose Factor ▶   |                    |
| Compose Other ▶    |                    |
| Help ▶             | XLActuary Help     |
|                    | Enter Key...       |
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