



Merged_ACTU462_11_422 2) (نماذج الرياضيات الاكتوارية (Actuarial Mathematical Models (2))

Tests, Surveys, and Pools

Pools Pool Canvas : Quiz 2 MLF

Source Merged_ACTU362_11_422 | Destination Merged_ACTU462_11_422 is complete. To access the detailed log, click here

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Pool Canvas: Quiz 2 MLF

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QUESTION TEXT


QUESTION TYPE

DEFAULT POINTS

Question types

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p>						
<input type="checkbox"/>	<p>Details:  Calculate the probability that (y) dies within t years and dies before (x).</p>	<p>Question Type: Calculated Numeric</p>	<p>Default Points: <input type="text" value="6"/></p>				
	<p>Keep five digit after dot</p> <table border="1" data-bbox="656 793 1032 947"> <thead> <tr> <th data-bbox="678 793 781 827">age (x)</th> <th data-bbox="873 793 959 827">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 890 711 924">41</td> <td data-bbox="873 890 906 924">51</td> </tr> </tbody> </table>	age (x)	age (y)	41	51		
age (x)	age (y)						
41	51						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
<input type="checkbox"/>	Details: 		
	Keep five digit after dot		
	age (x)	age (y)	
	61	71	

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p><input type="checkbox"/> Details: </p> <p>Keep five digit after dot</p> <table border="1" data-bbox="656 856 1040 1010"> <thead> <tr> <th data-bbox="678 856 781 890">age (x)</th> <th data-bbox="873 856 976 890">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 953 716 982">42</td> <td data-bbox="873 953 911 982">52</td> </tr> </tbody> </table>	age (x)	age (y)	42	52	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
age (x)	age (y)						
42	52						



QUESTION TEXT

QUESTION TYPE

DEFAULT POINTS

You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.

Calculate the probability that (y) dies within t years and dies before (x).



Details:



Question Type:
Calculated Numeric

Default Points:

6


Keep five digit after dot


age (x)


age (y)


43

53

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p><input type="checkbox"/> Details: </p> <p>Keep five digit after dot</p> <table border="1" data-bbox="656 856 1040 1010"> <thead> <tr> <th data-bbox="678 856 781 890">age (x)</th> <th data-bbox="873 856 976 890">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 953 716 982">44</td> <td data-bbox="873 953 911 982">54</td> </tr> </tbody> </table>	age (x)	age (y)	44	54	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
age (x)	age (y)						
44	54						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
<input type="checkbox"/>	Details: 		
	Keep five digit after dot		
	age (x)	age (y)	
	45	55	

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p><input type="checkbox"/> Details: </p> <p>Keep five digit after dot</p> <table border="1" data-bbox="656 856 1040 1010"> <thead> <tr> <th data-bbox="678 856 781 890">age (x)</th> <th data-bbox="873 856 976 890">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 953 716 982">46</td> <td data-bbox="873 953 911 982">56</td> </tr> </tbody> </table>	age (x)	age (y)	46	56	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
age (x)	age (y)						
46	56						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>				
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age (x)	age (y)						
47	57						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>				
<input type="checkbox"/> Details: <input type="checkbox"/>							
Keep five digit after dot							
<table border="1"> <thead> <tr> <th data-bbox="678 856 760 888">age (x)</th> <th data-bbox="873 856 954 888">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 951 711 982">48</td> <td data-bbox="873 951 906 982">58</td> </tr> </tbody> </table>				age (x)	age (y)	48	58
age (x)	age (y)						
48	58						



QUESTION TEXT

QUESTION TYPE

DEFAULT POINTS

You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.

Calculate the probability that (y) dies within t years and dies before (x).



Details:



Question Type:
Calculated Numeric

Default Points:

6


Keep five digit after dot


age (x)


age (y)

49

59

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
<input type="checkbox"/>	Details: 	Keep five digit after dot	
	age (x)	age (y)	
	50	60	

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
<input type="checkbox"/>	Details: 		
	Keep five digit after dot		
	age (x)	age (y)	
	51	61	

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p><input type="checkbox"/> Details: </p> <p>Keep five digit after dot</p> <table border="1" data-bbox="656 856 1040 1010"> <thead> <tr> <th data-bbox="678 856 781 890">age (x)</th> <th data-bbox="867 856 943 890">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 953 711 982">52</td> <td data-bbox="867 953 899 982">62</td> </tr> </tbody> </table>	age (x)	age (y)	52	62	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
age (x)	age (y)						
52	62						



QUESTION TEXT

QUESTION TYPE

DEFAULT POINTS

You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.

Calculate the probability that (y) dies within t years and dies before (x).



Details:



Question Type:
Calculated Numeric

Default Points:

6

Keep five digit after dot

age (x)

age (y)

53

63



QUESTION TEXT

QUESTION TYPE

DEFAULT POINTS

You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.

Calculate the probability that (y) dies within t years and dies before (x).



Details:



Question Type:
Calculated Numeric

Default Points:

6

Keep five digit after dot

age (x)

age (y)

54

64



QUESTION TEXT

QUESTION TYPE

DEFAULT POINTS

You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.

Calculate the probability that (y) dies within t years and dies before (x).



Details:



Question Type:
Calculated Numeric

Default Points:

6

Keep five digit after dot

age (x)

age (y)

55

65



QUESTION TEXT

QUESTION TYPE

DEFAULT POINTS

You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.

Calculate the probability that (y) dies within t years and dies before (x).



Details:



Question Type:
Calculated Numeric

Default Points:


Keep five digit after dot

age (x)

age (y)

56

66

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p><input type="checkbox"/> Details: </p> <p>Keep five digit after dot</p> <table border="1" data-bbox="656 856 1040 1010"> <thead> <tr> <th data-bbox="678 856 760 890">age (x)</th> <th data-bbox="865 856 946 890">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 953 711 982">57</td> <td data-bbox="865 953 898 982">67</td> </tr> </tbody> </table>	age (x)	age (y)	57	67	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
age (x)	age (y)						
57	67						



QUESTION TEXT

QUESTION TYPE

DEFAULT
POINTS

You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.

Calculate the probability that (y) dies within t years and dies before (x).



Details:

Question Type:
Calculated NumericDefault
Points:

6


Keep five digit after dot


age (x)

age (y)

58

68

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p><input type="checkbox"/> Details: </p> <p>Keep five digit after dot</p> <table border="1" data-bbox="656 856 1040 1010"> <thead> <tr> <th data-bbox="678 856 781 890">age (x)</th> <th data-bbox="867 856 943 890">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 953 711 982">59</td> <td data-bbox="867 953 899 982">69</td> </tr> </tbody> </table>	age (x)	age (y)	59	69	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
age (x)	age (y)						
59	69						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>				
<input type="checkbox"/>	Details: 						
Keep five digit after dot							
<table border="1"> <thead> <tr> <th data-bbox="678 856 760 888">age (x)</th> <th data-bbox="865 856 946 888">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 951 711 982">60</td> <td data-bbox="865 951 898 982">70</td> </tr> </tbody> </table>				age (x)	age (y)	60	70
age (x)	age (y)						
60	70						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p><input type="checkbox"/> Details: <input type="checkbox"/></p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>				
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age (x)	age (y)						
62	72						



QUESTION TEXT

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Calculate the probability that (y) dies within t years and dies before (x).



Details:



Question Type:
Calculated Numeric

Default Points:

6


Keep five digit after dot

age (x)


age (y)


63


73


<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>				
<input type="checkbox"/>	Details: 						
Keep five digit after dot							
<table border="1"> <thead> <tr> <th data-bbox="678 856 764 892">age (x)</th> <th data-bbox="865 856 951 892">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="678 953 716 982">64</td> <td data-bbox="865 953 902 982">74</td> </tr> </tbody> </table>				age (x)	age (y)	64	74
age (x)	age (y)						
64	74						

	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p>Keep five digit after dot</p> <table border="1" data-bbox="654 793 1052 947"> <thead> <tr> <th data-bbox="654 793 829 863">age (x)</th> <th data-bbox="829 793 1052 863">age (y)</th> </tr> </thead> <tbody> <tr> <td data-bbox="654 863 829 947">65</td> <td data-bbox="829 863 1052 947">75</td> </tr> </tbody> </table>	age (x)	age (y)	65	75	<p>Question Type: Calculated Numeric</p>	<p>Default Points: <input type="text" value="6"/></p>
age (x)	age (y)						
65	75						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p> <p><input type="checkbox"/> Details: </p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>				
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age (x)	age (y)						
66	76						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
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<input type="checkbox"/>	Details: 	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>				
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age (x)	age (y)						
67	77						

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>
<input type="checkbox"/>	Details: 		
	Keep five digit after dot		
	age (x)	age (y)	
	68	78	

<input type="checkbox"/>	QUESTION TEXT	QUESTION TYPE	DEFAULT POINTS				
<input type="checkbox"/>	<p>You are given: (i) The future lifetimes of (x) and (y) are independent. (ii) The survival function for (x) is based on a constant force of mortality, $\mu(x)$. (iii) The survival function for (y) follows De Moivre's law with $\Omega(y)$.</p> <p>Calculate the probability that (y) dies within t years and dies before (x).</p>	Question Type: Calculated Numeric	Default Points: <input type="text" value="6"/>				
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age (x)	age (y)						
69	79						



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Calculate the probability that (y) dies within t years and dies before (x).

Details: 

Keep five digit after dot

Question Type: Calculated Numeric
Default Points:

age (x)	age (y)
70	80

Delete

Points

Update

Question Display 

Displaying 1 to 30 of 30 items

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