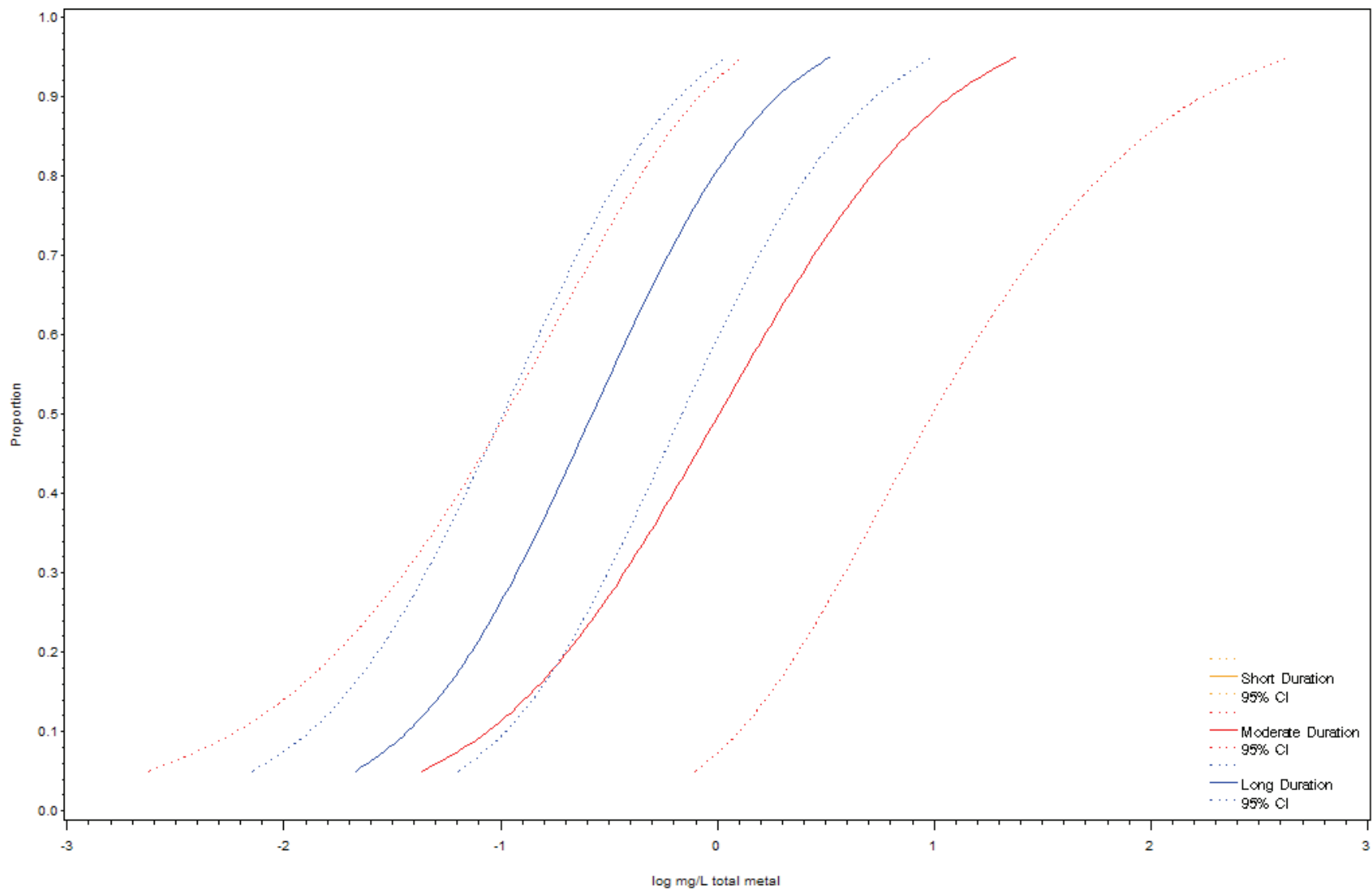
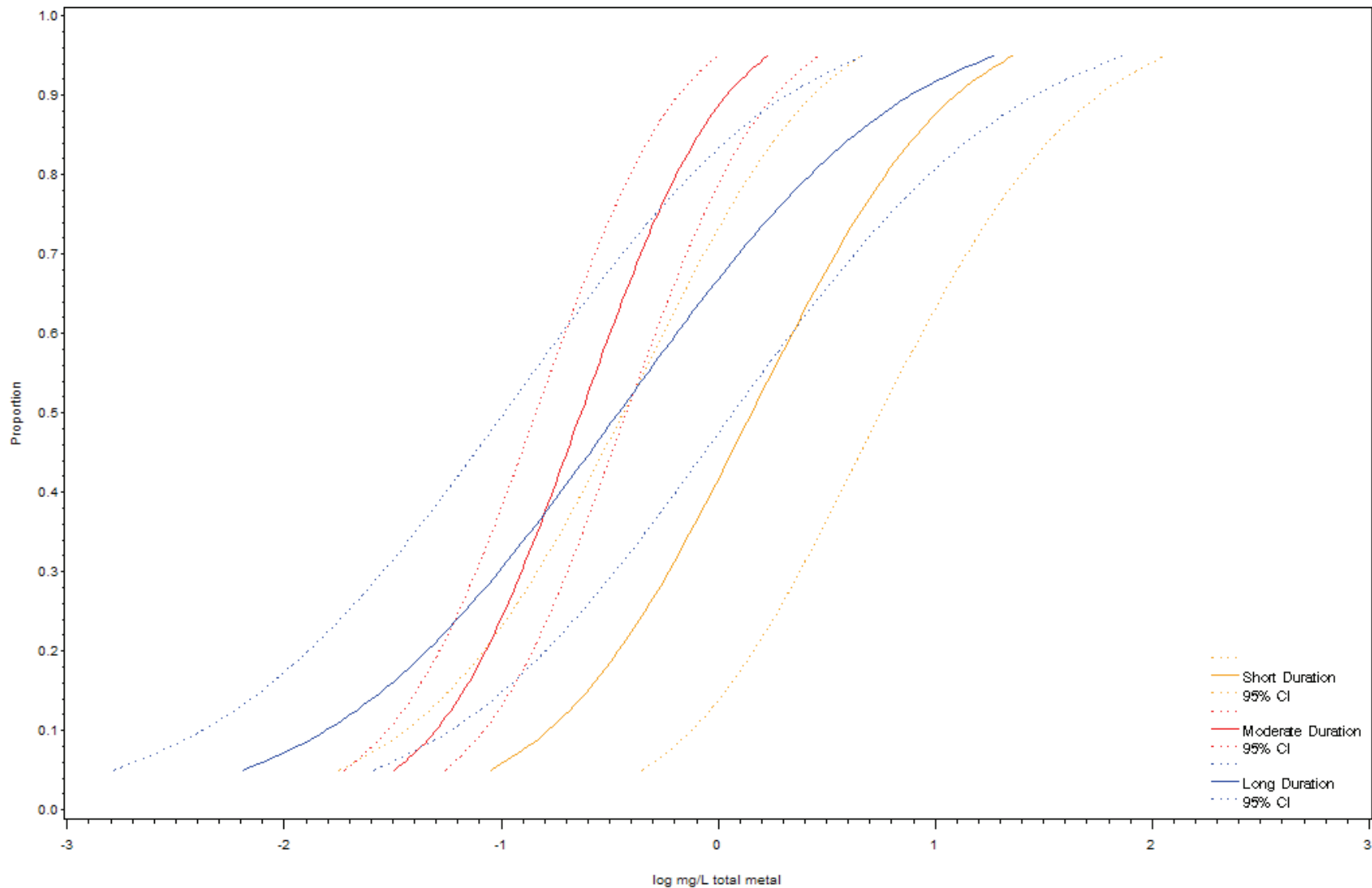


**APPENDIX I**  
**Comparison of Duration Effect on SSDs**

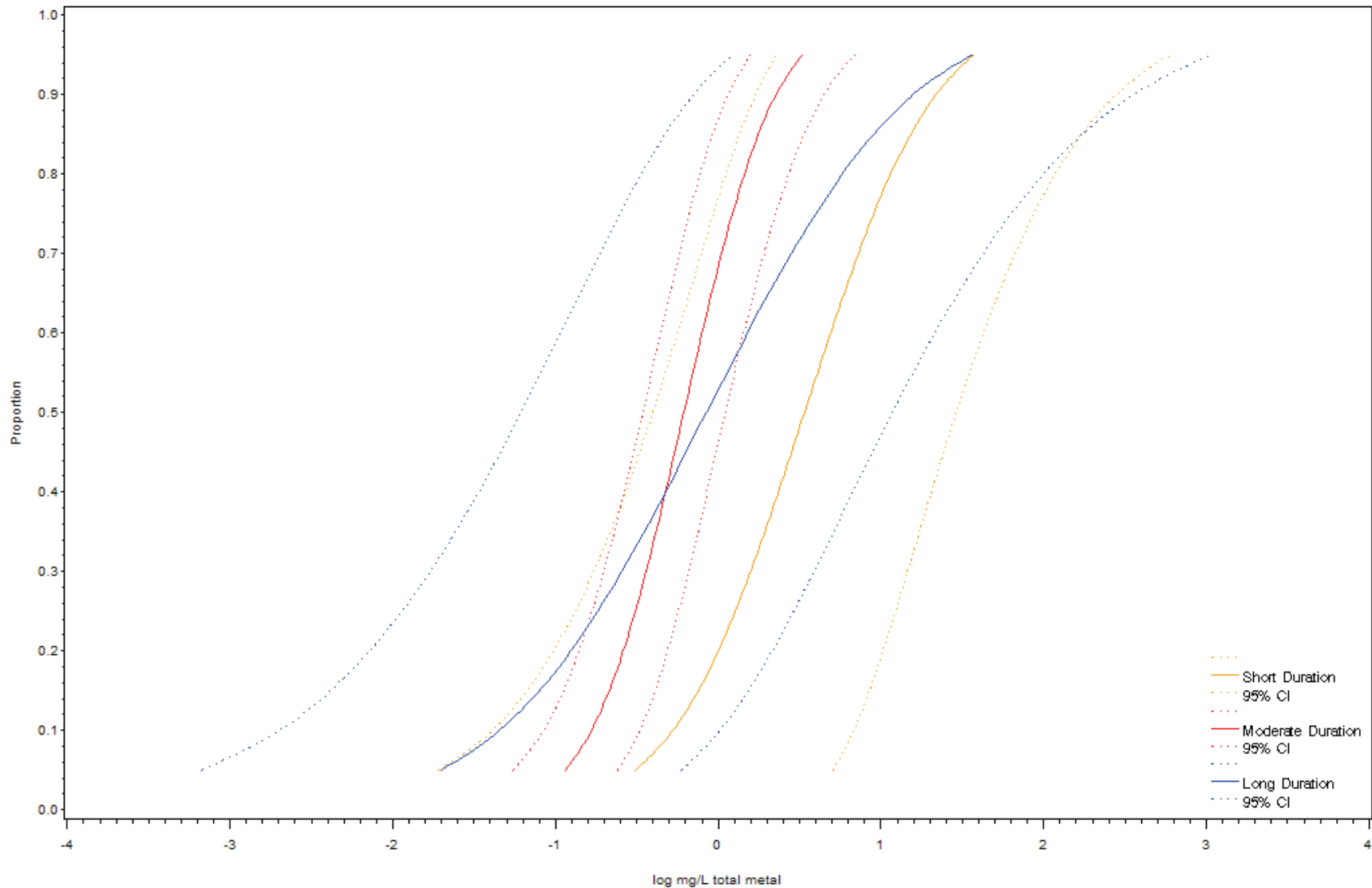
### Cadmium LC50 SSDs - comparing exposure duration for Invertebrate species at T≤15C in moderately hard water



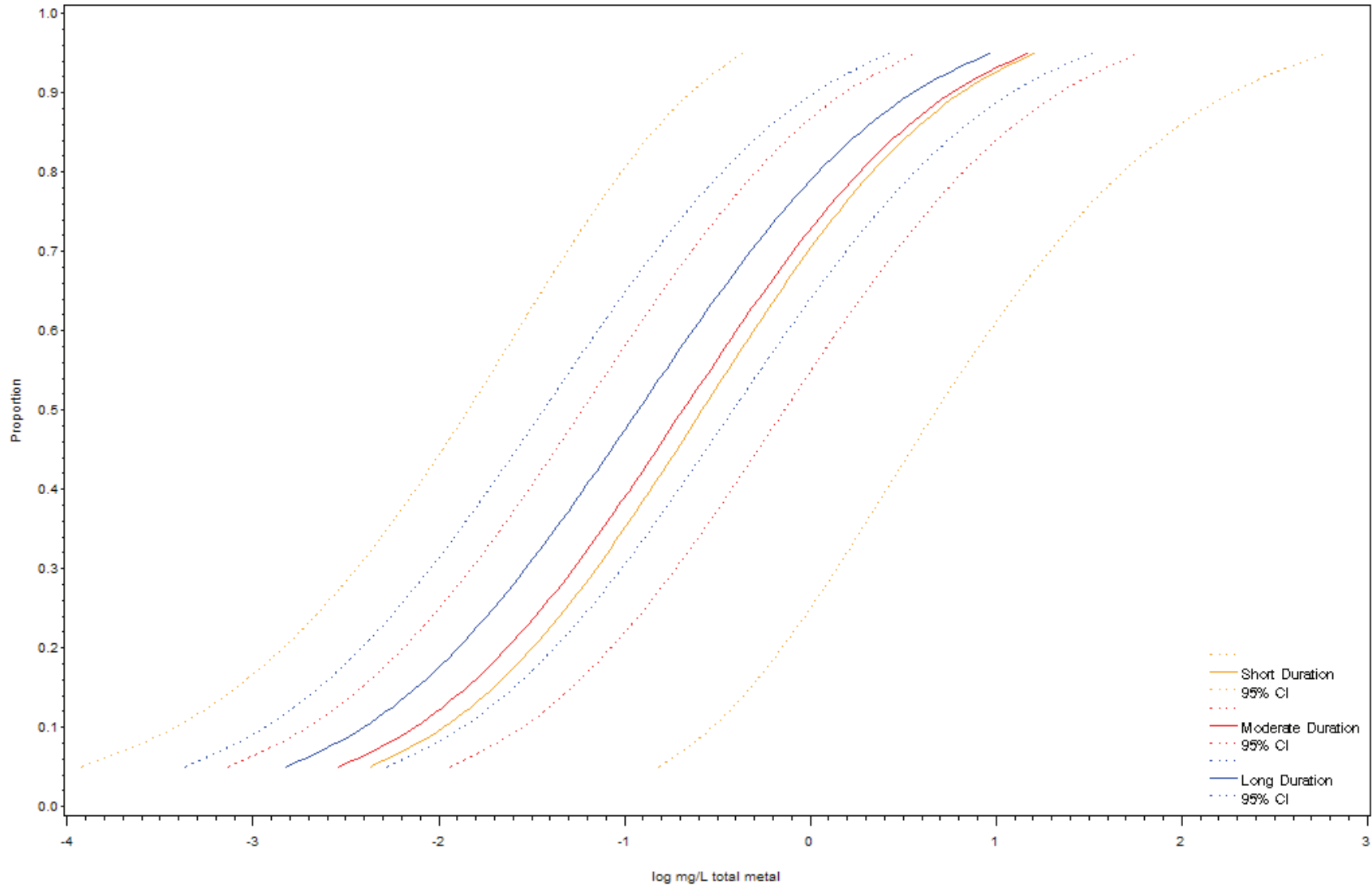
### Cadmium LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in moderately hard water



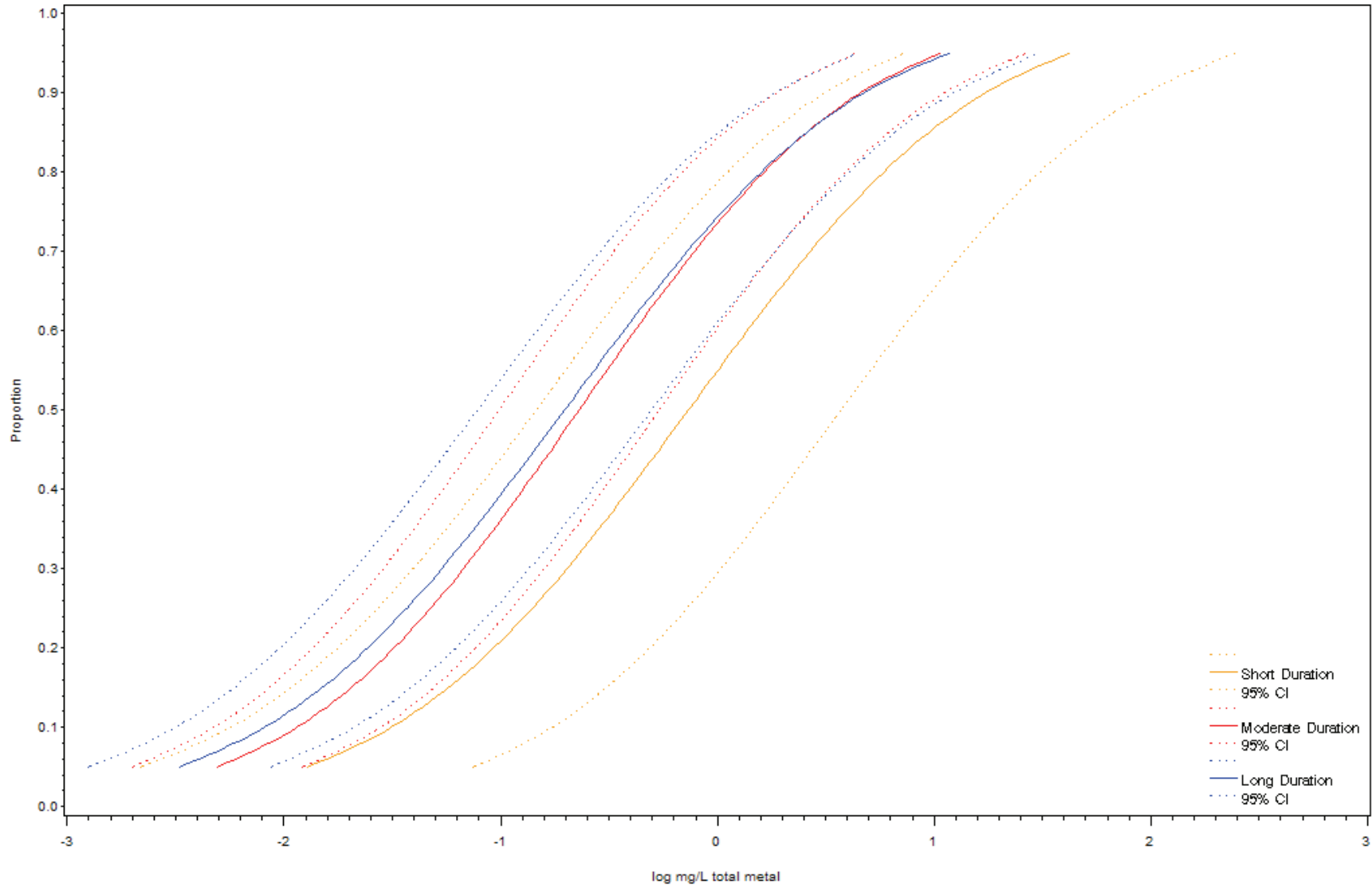
### Cadmium LC50 SSDs - comparing exposure duration for Non-Arthropod Invertebrate species at T>15C in moderately hard water



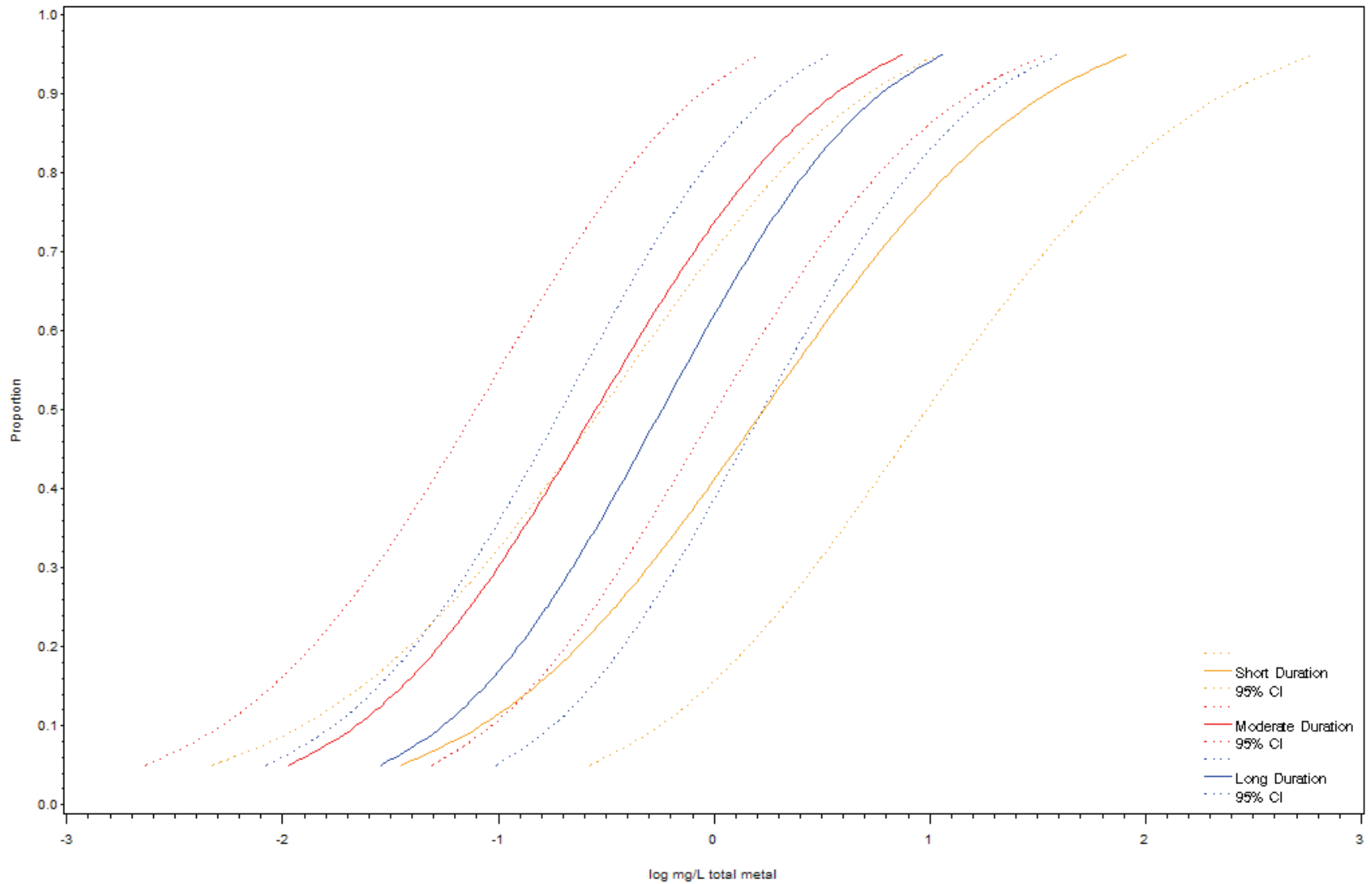
### Cadmium LC50 SSDs - comparing exposure duration for Arthropod species at T>15C in soft water



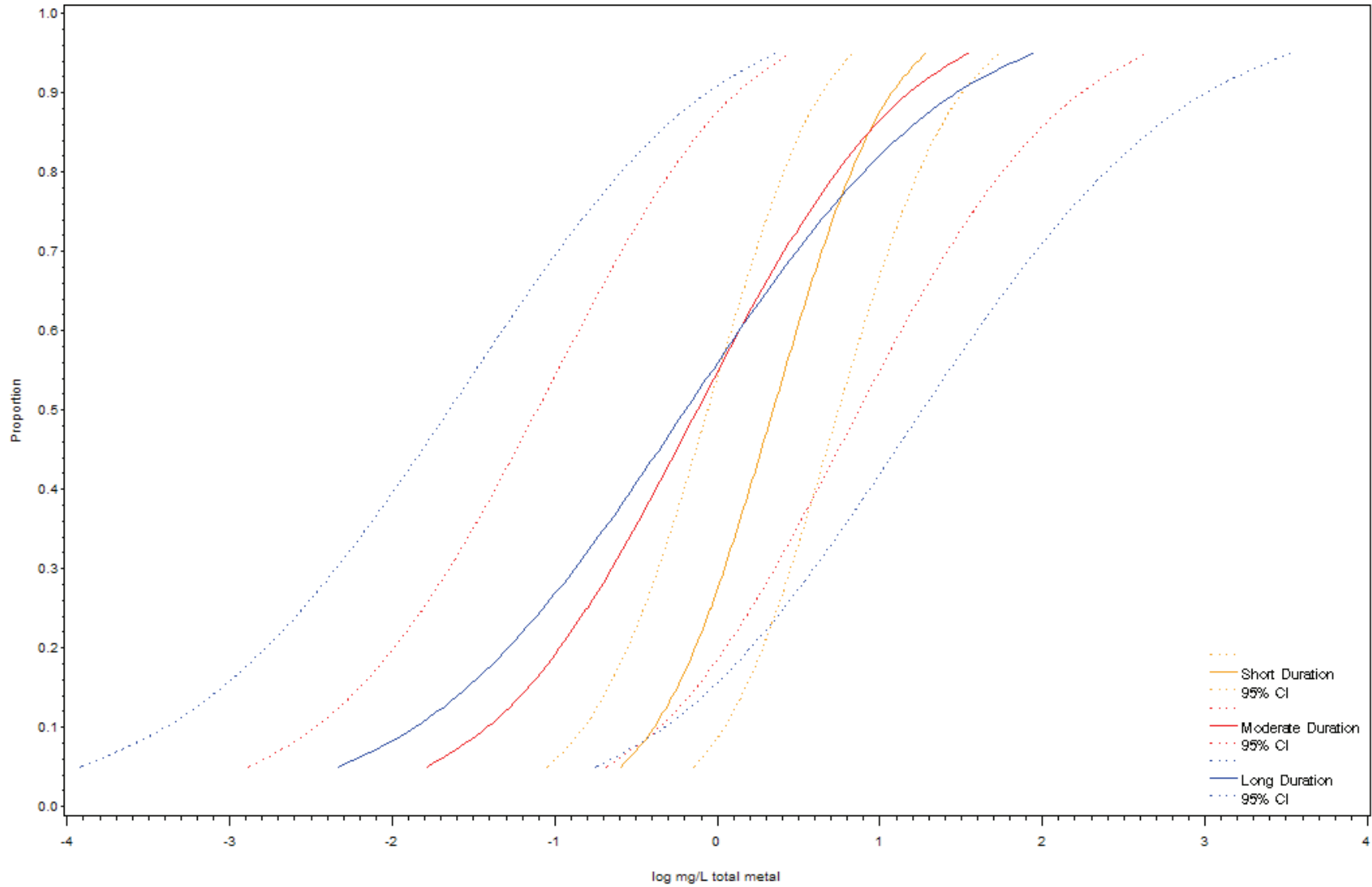
### Cadmium LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in soft water



Cadmium LC50 SSDs - comparing exposure duration  
for Non-Arthropod Invertebrate species at T>15C in soft water

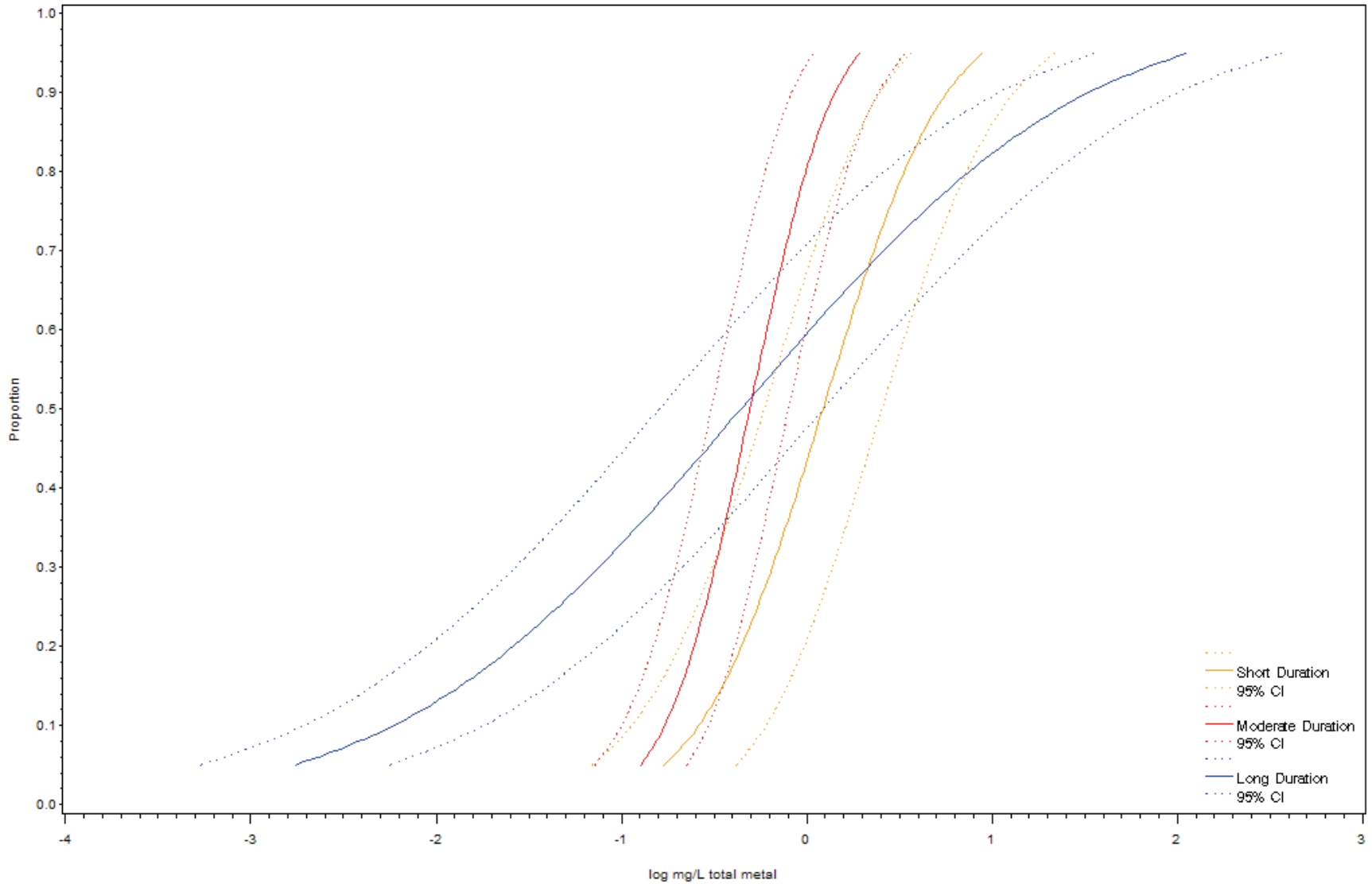


### Cadmium LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in soft water

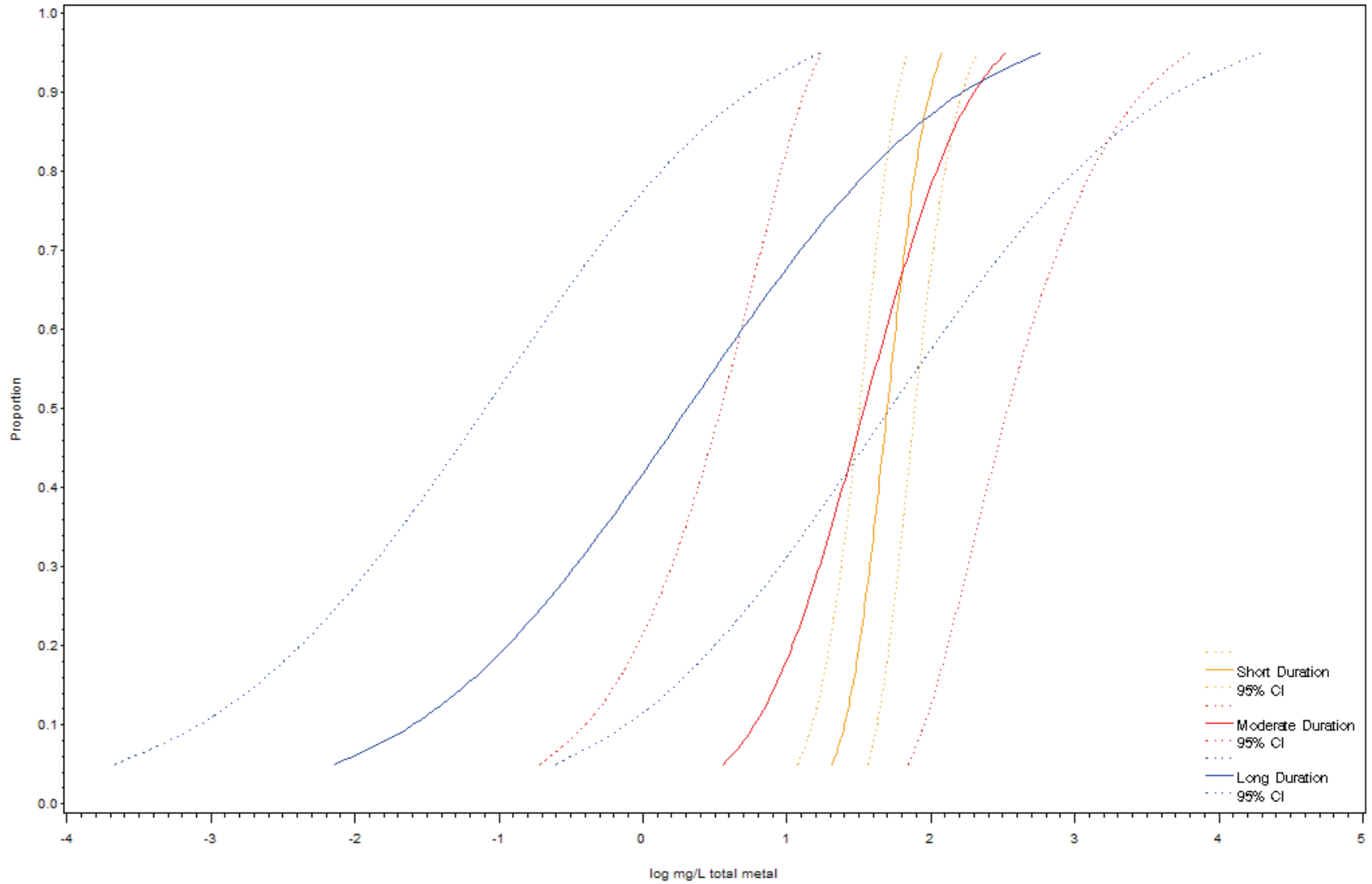




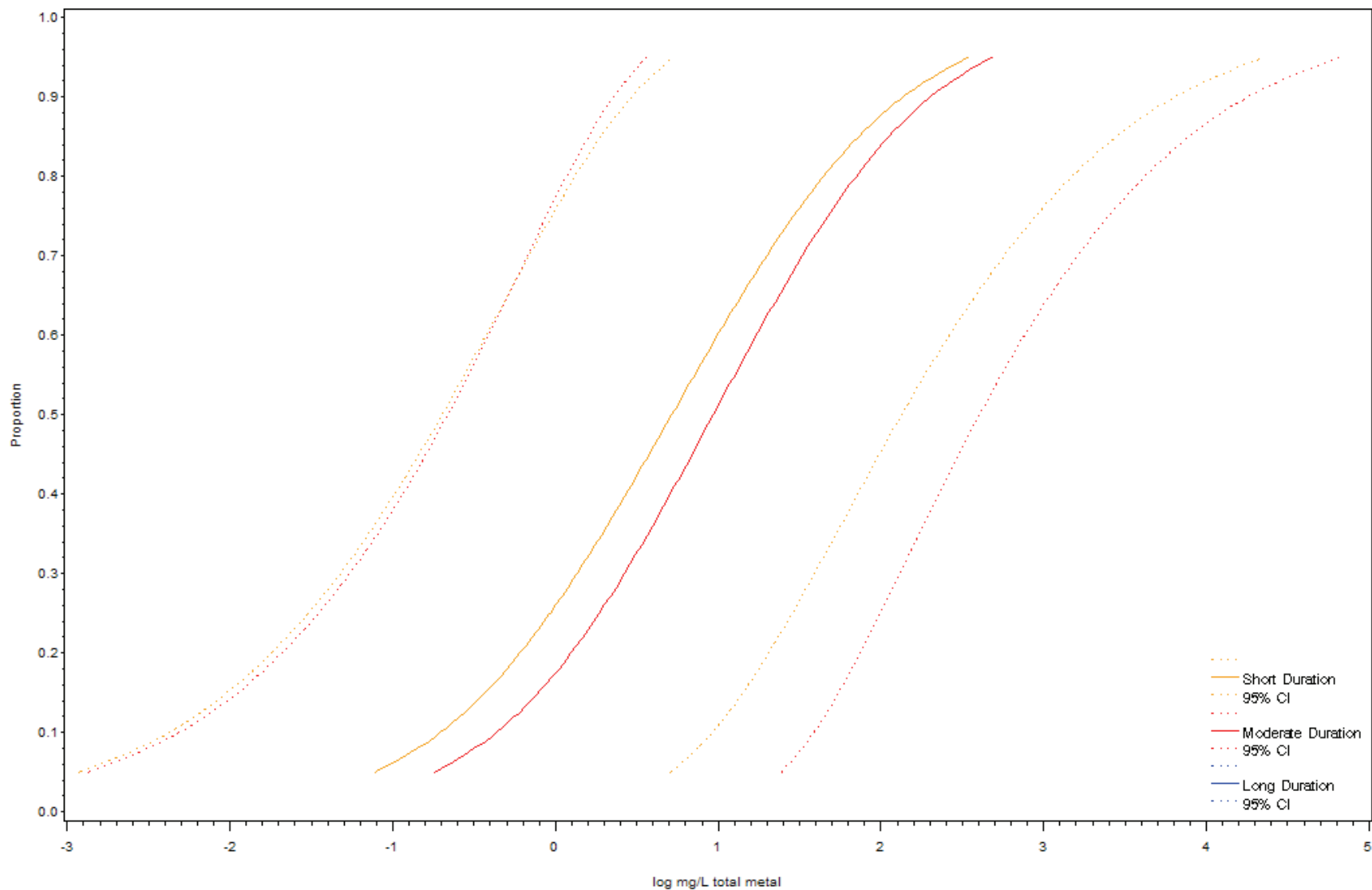
### Cadmium LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in very hard water



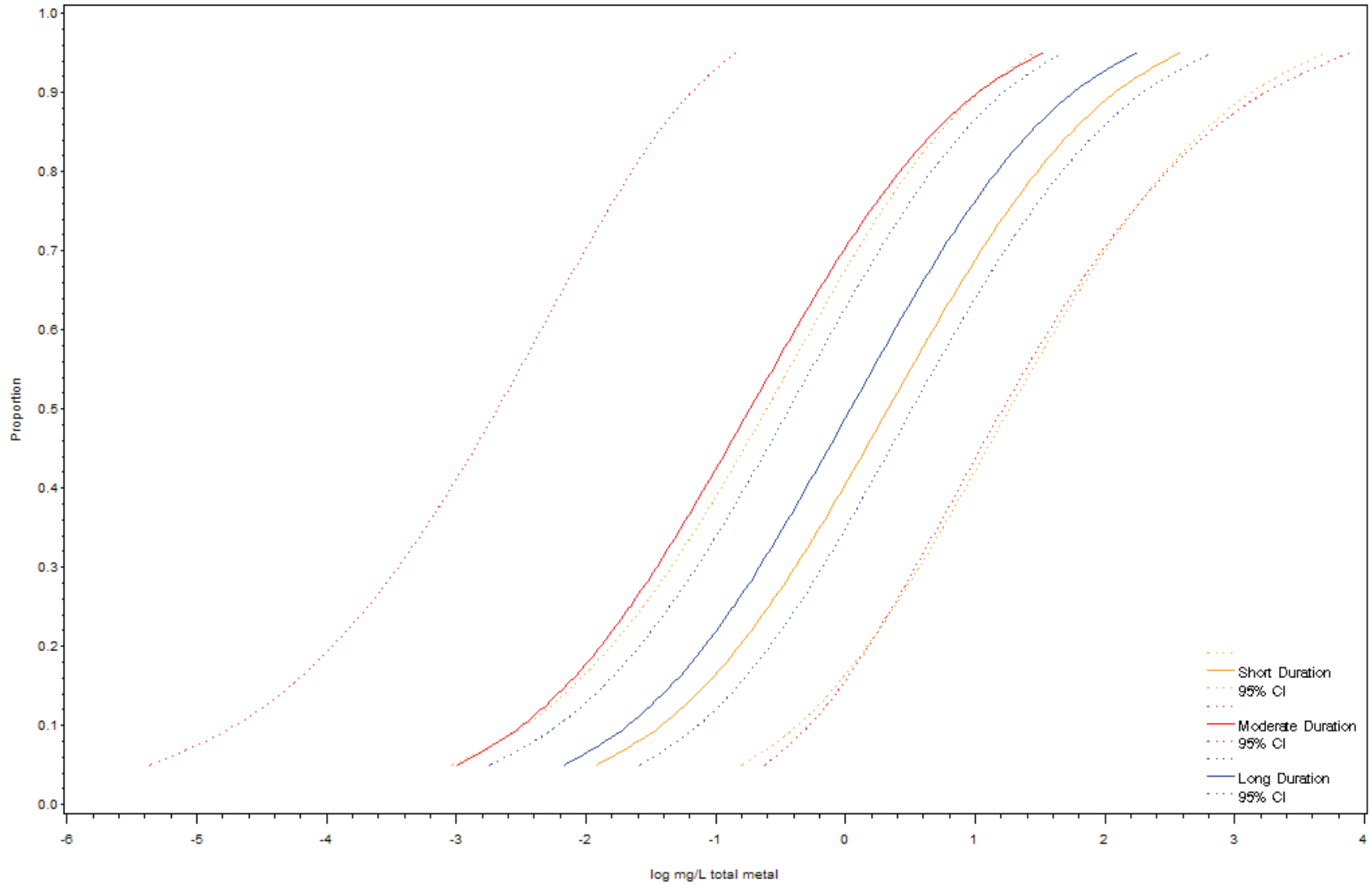
Cadmium LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in very hard water



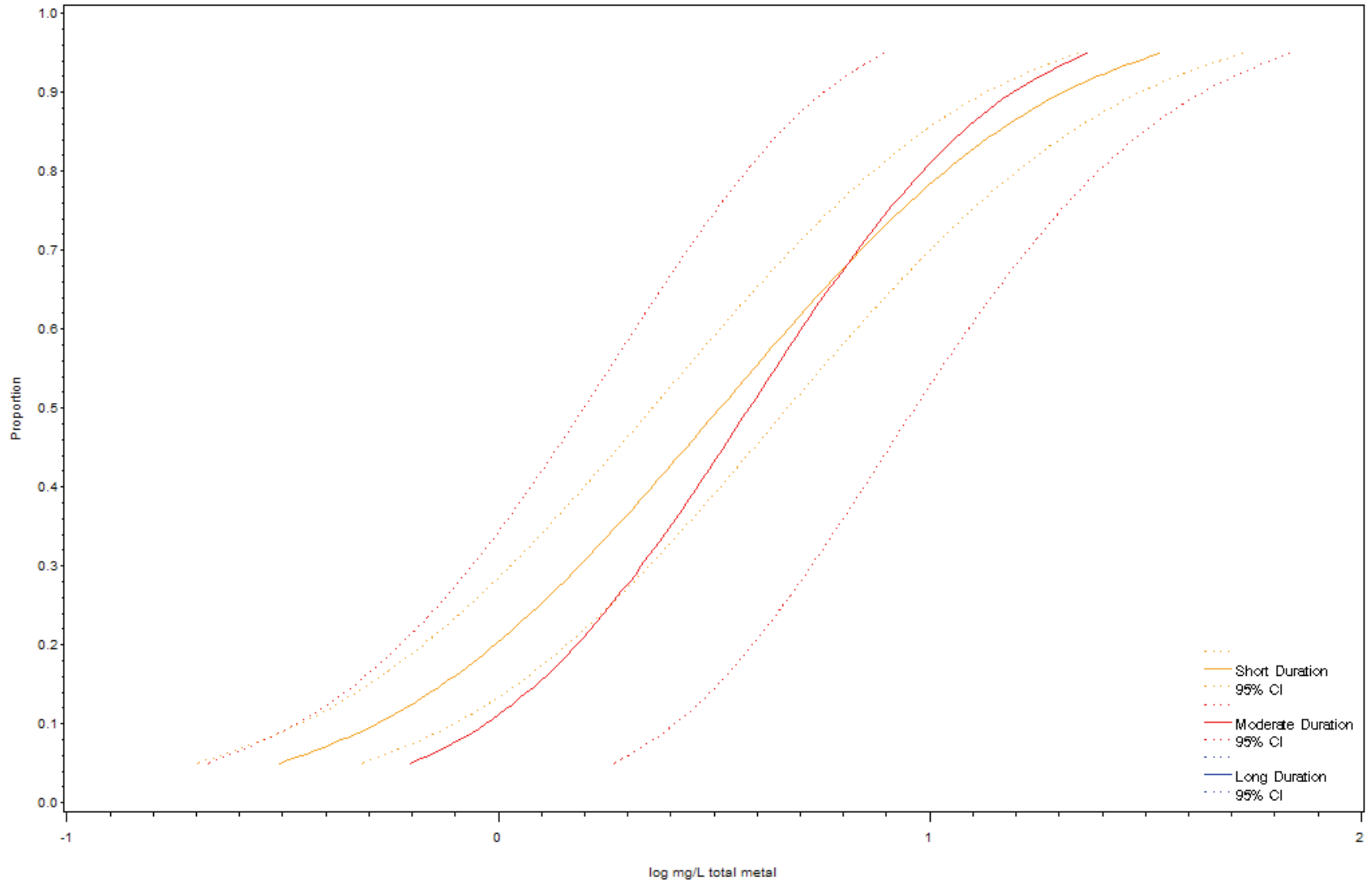
### Chromium LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in moderately hard water



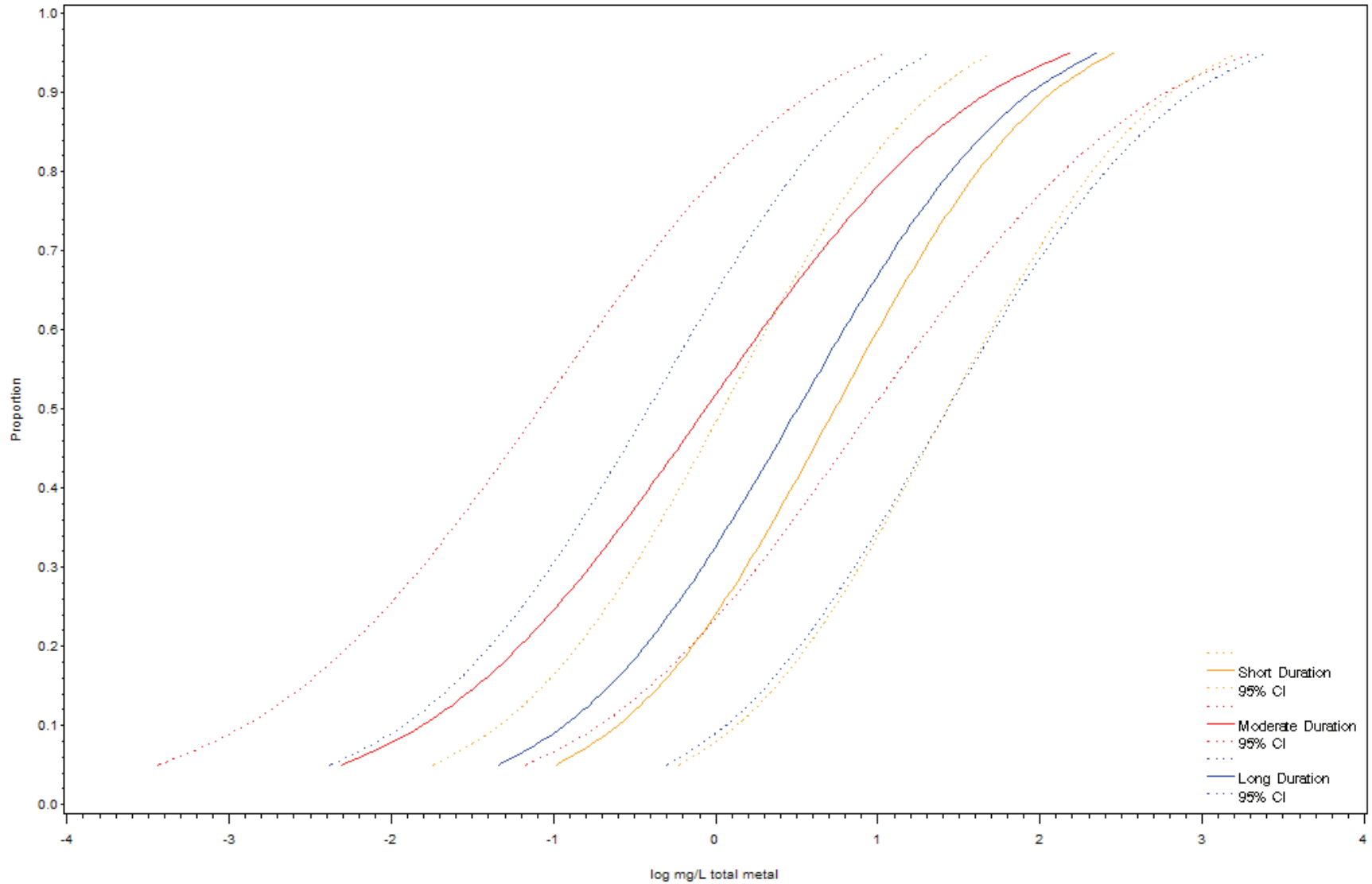
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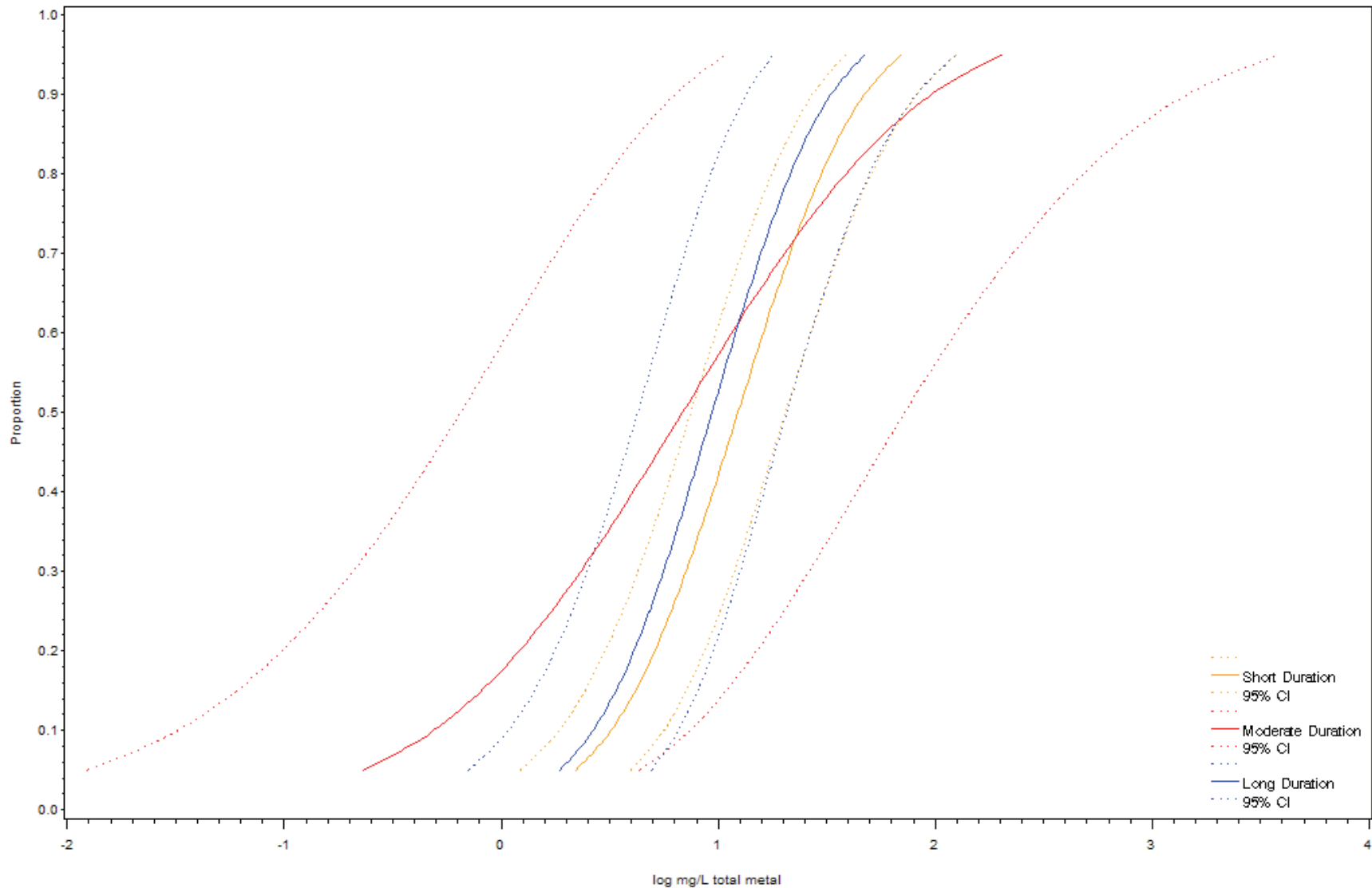
Chromium LC50 SSDs - comparing exposure duration  
for Invertebrate species at  $T \leq 15C$  in soft water



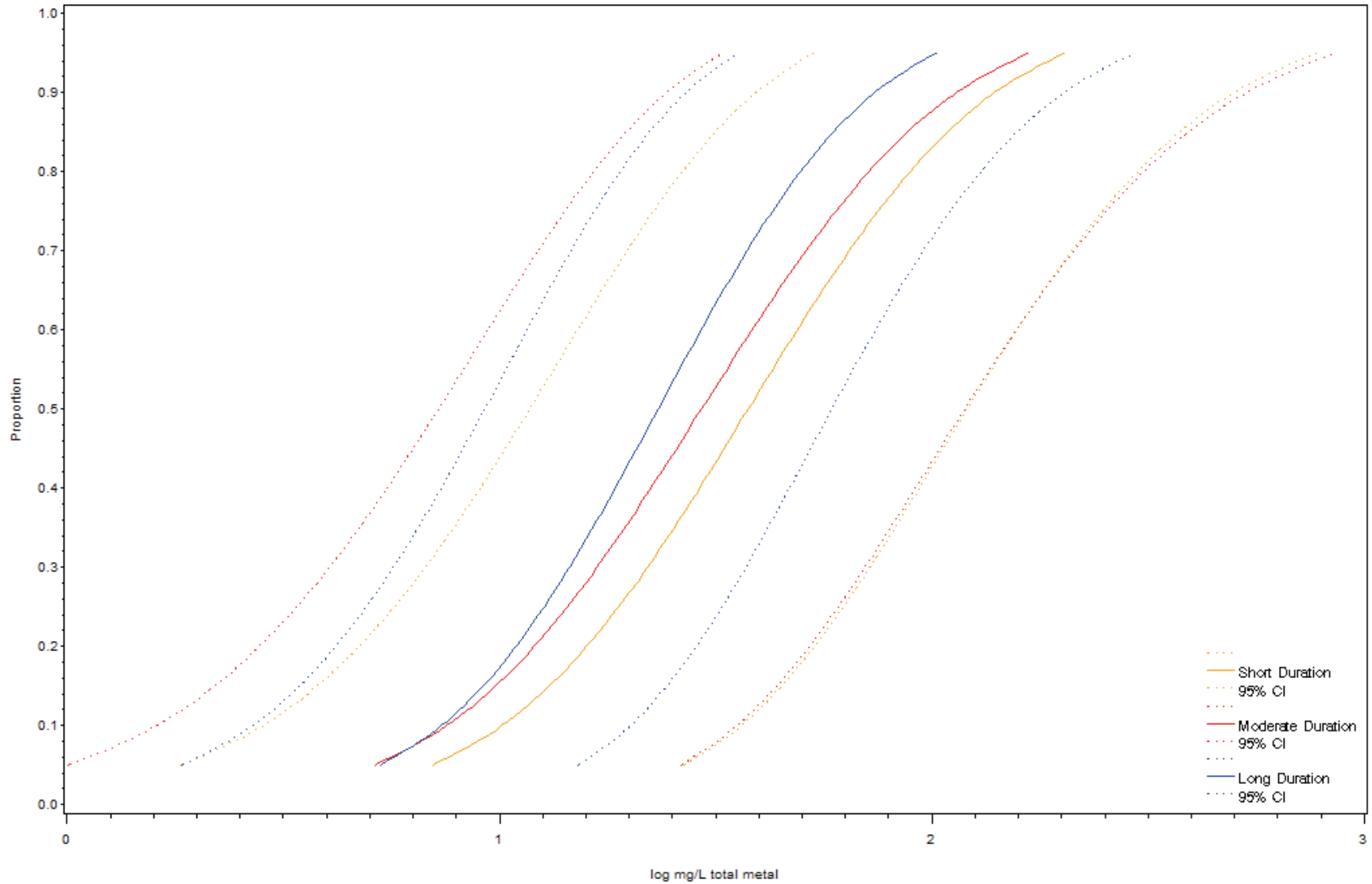
### Chromium LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in soft water



### Chromium LC50 SSDs - comparing exposure duration for Non-Arthropod Invertebrate species at T>15C in soft water

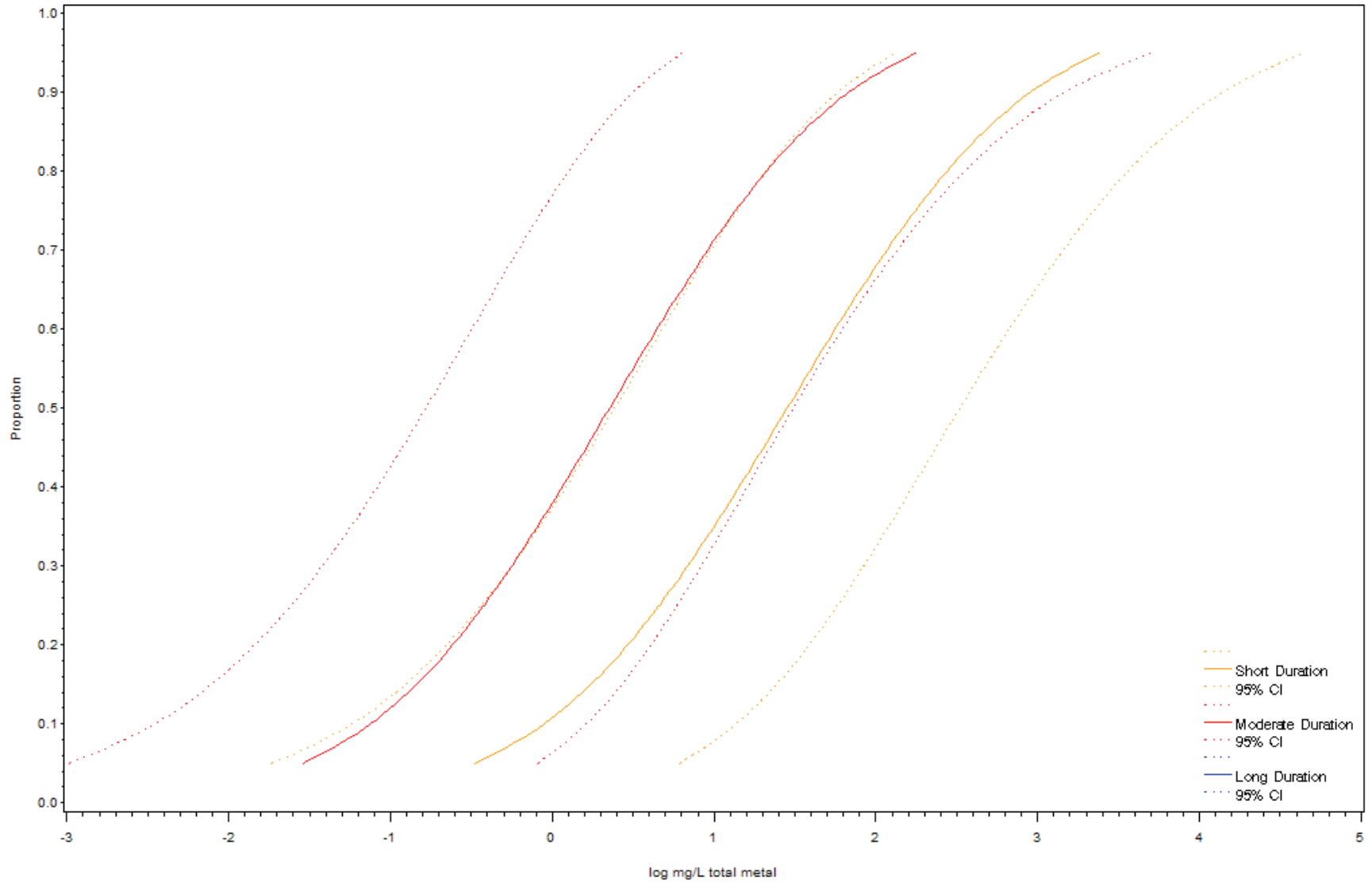


### Chromium LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in soft water

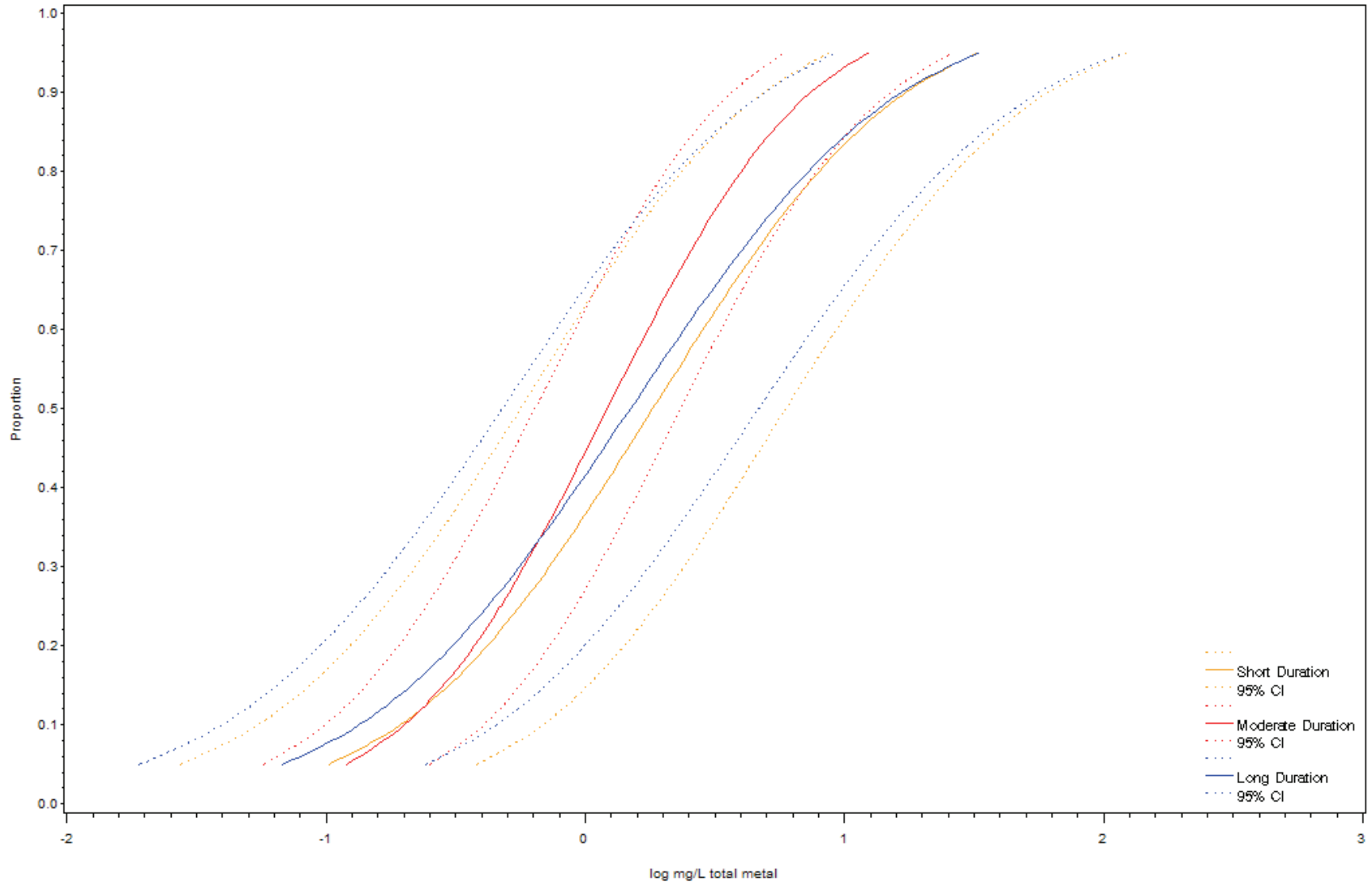




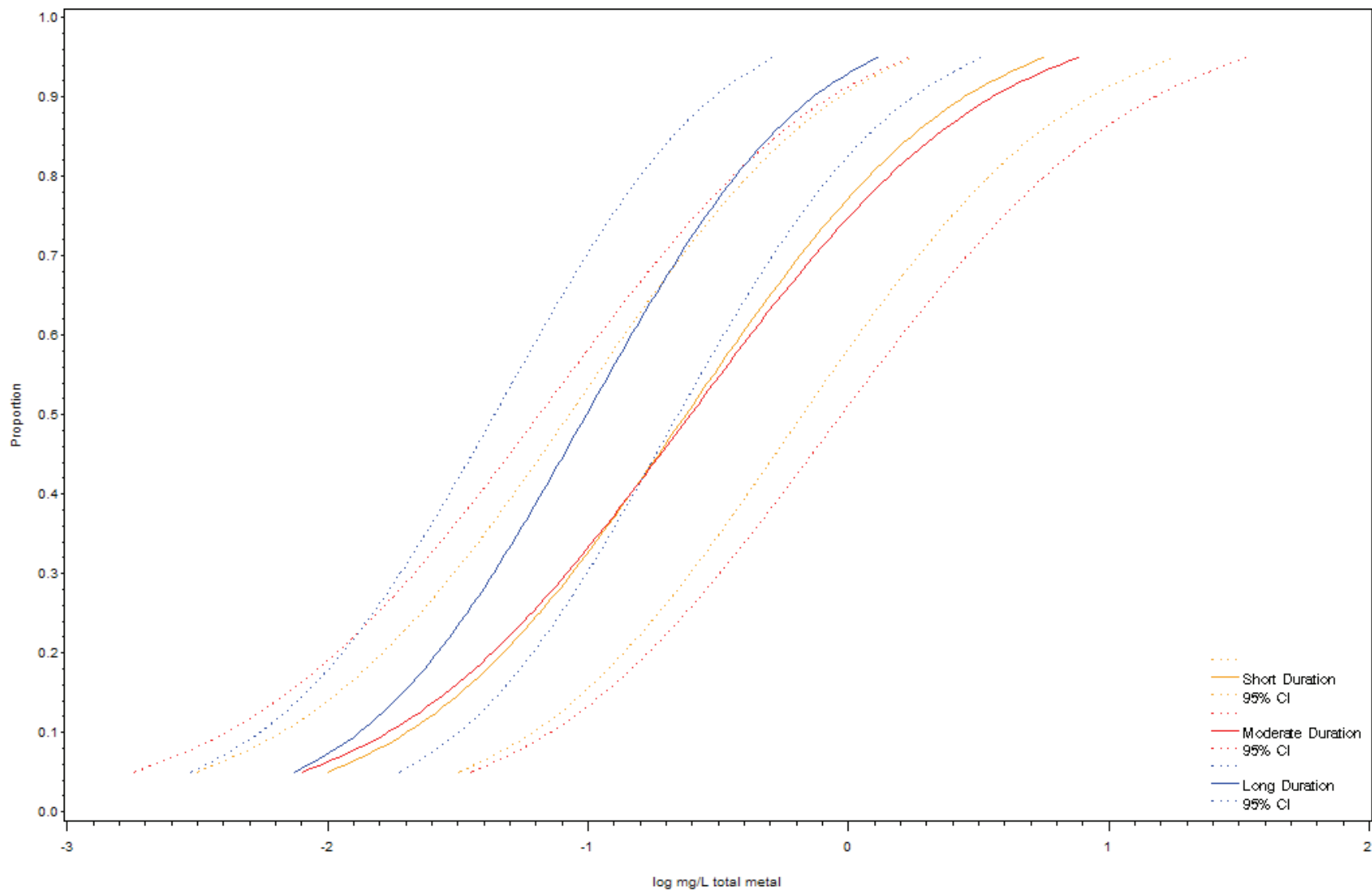
### Chromium LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in very hard water



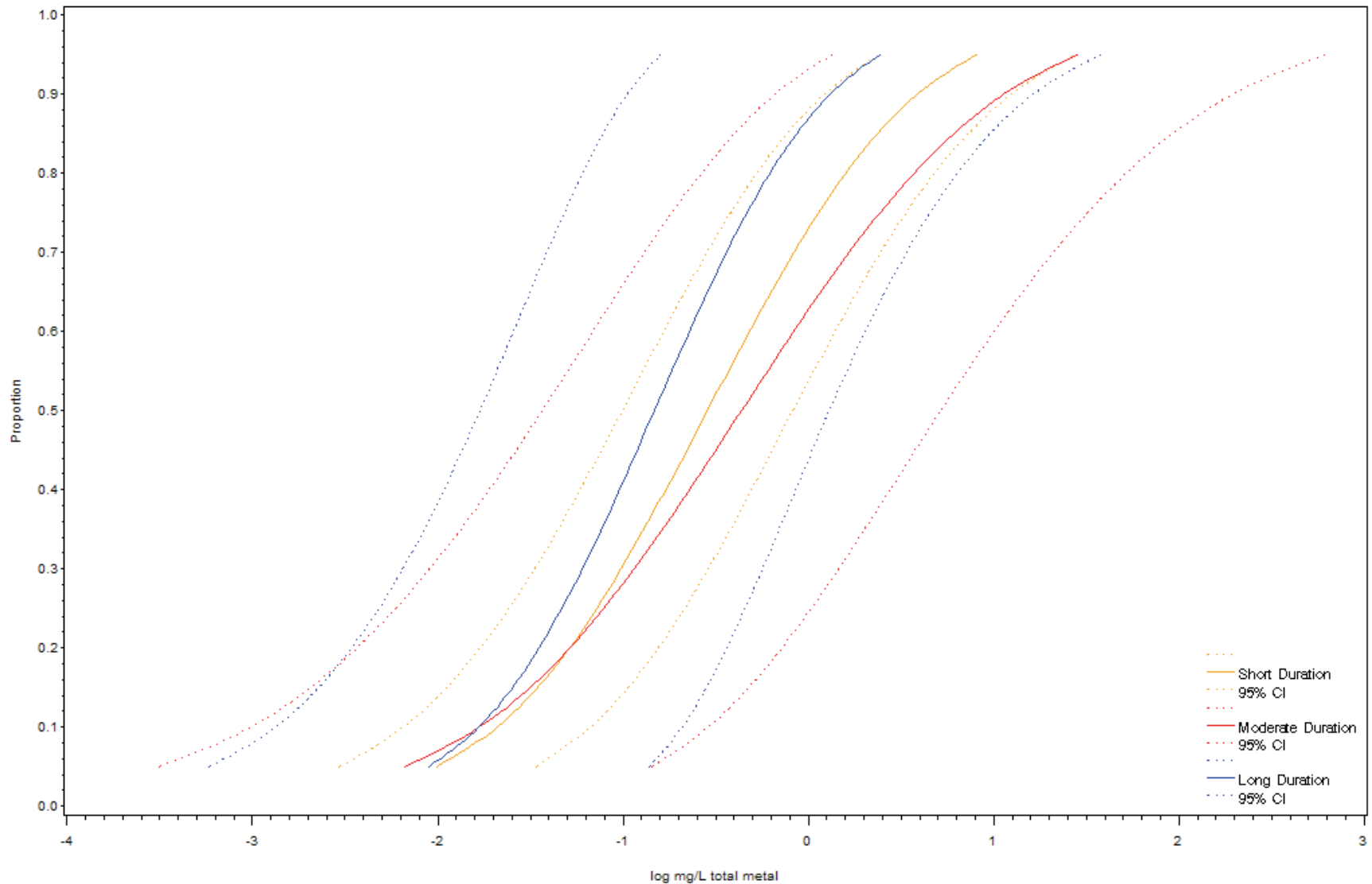
### Copper LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in hard water



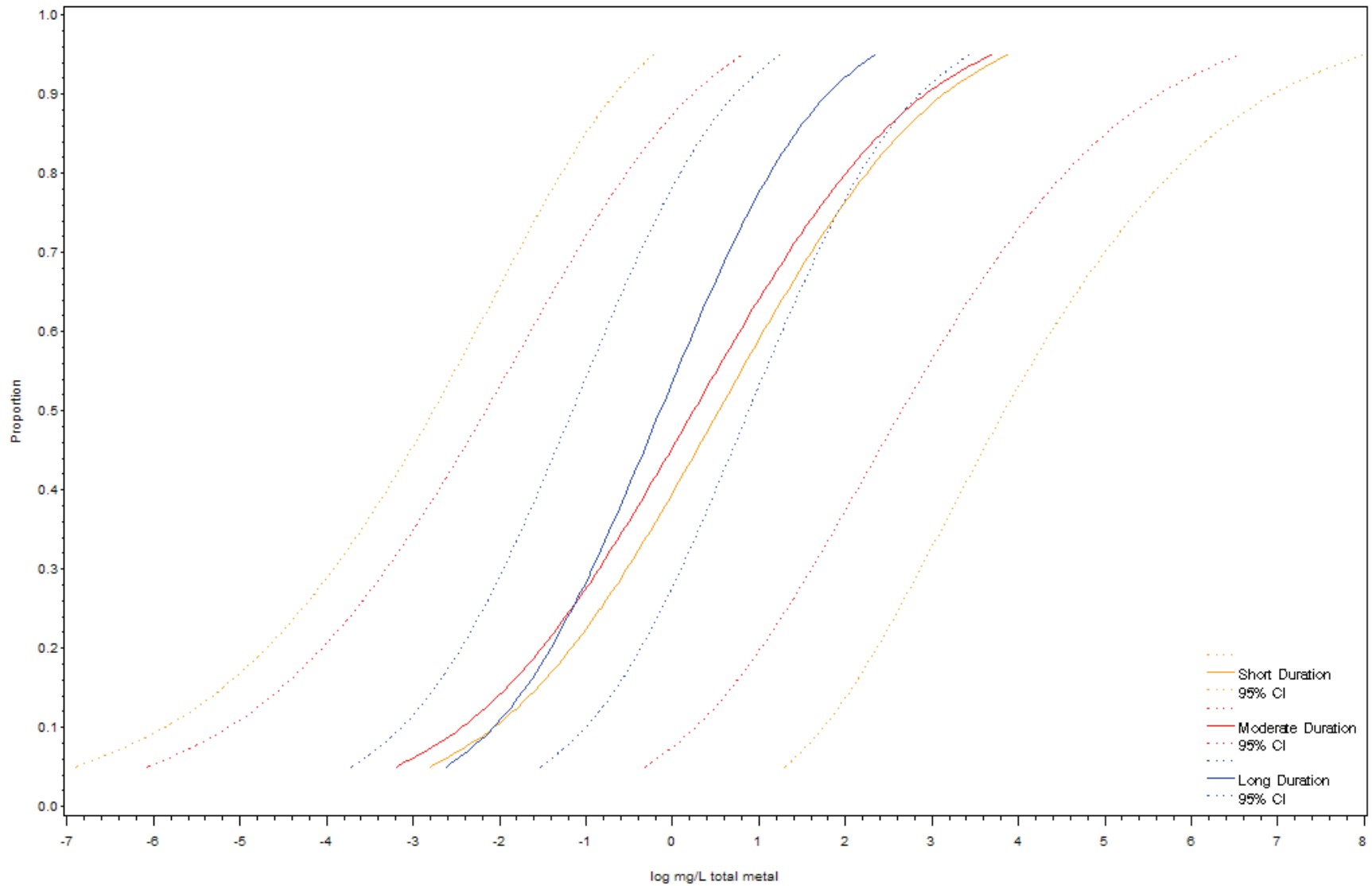
### Copper LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in moderately hard water



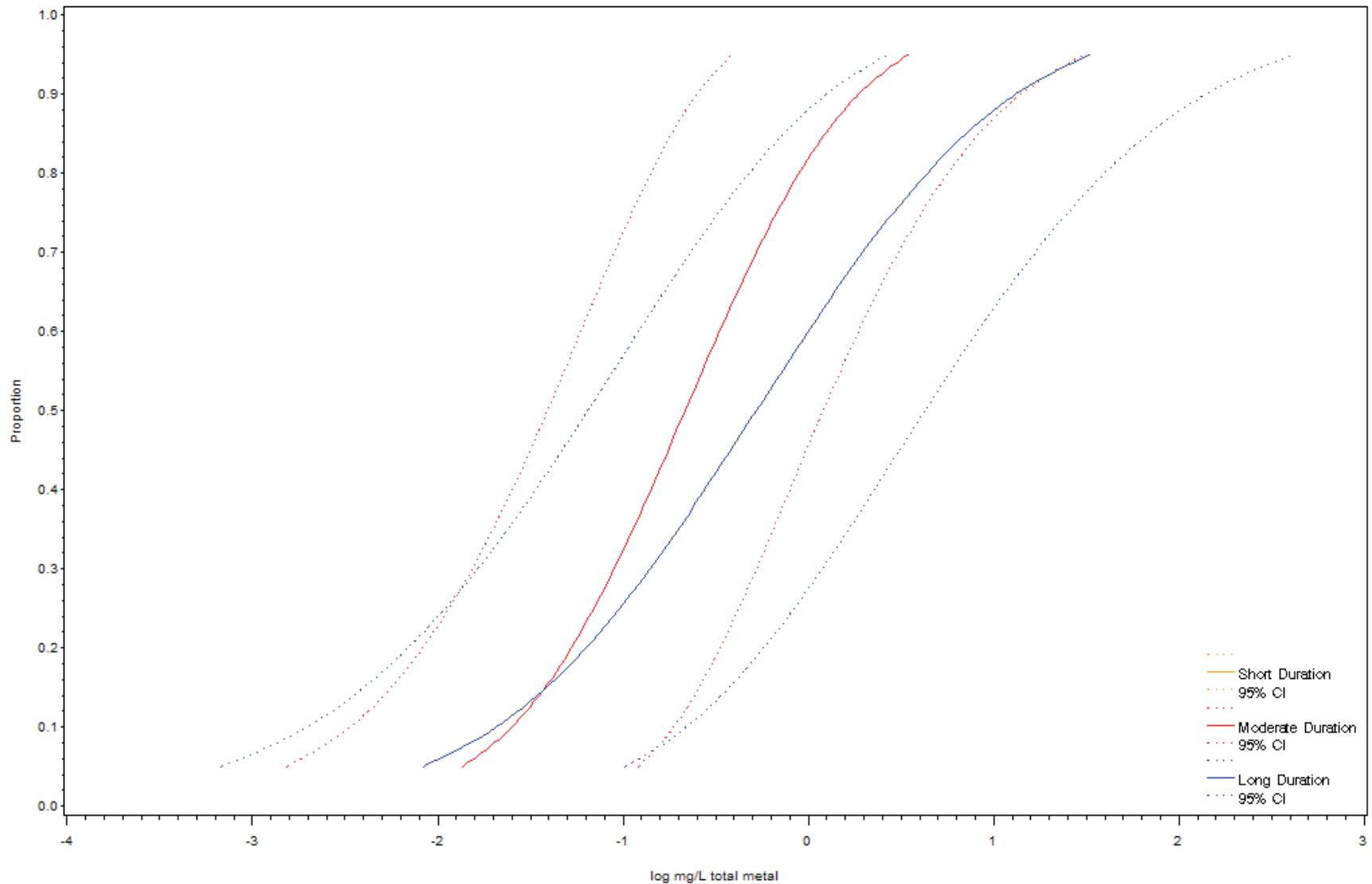
### Copper LC50 SSDs - comparing exposure duration for Non-Arthropod Invertebrate species at T>15C in moderately hard water



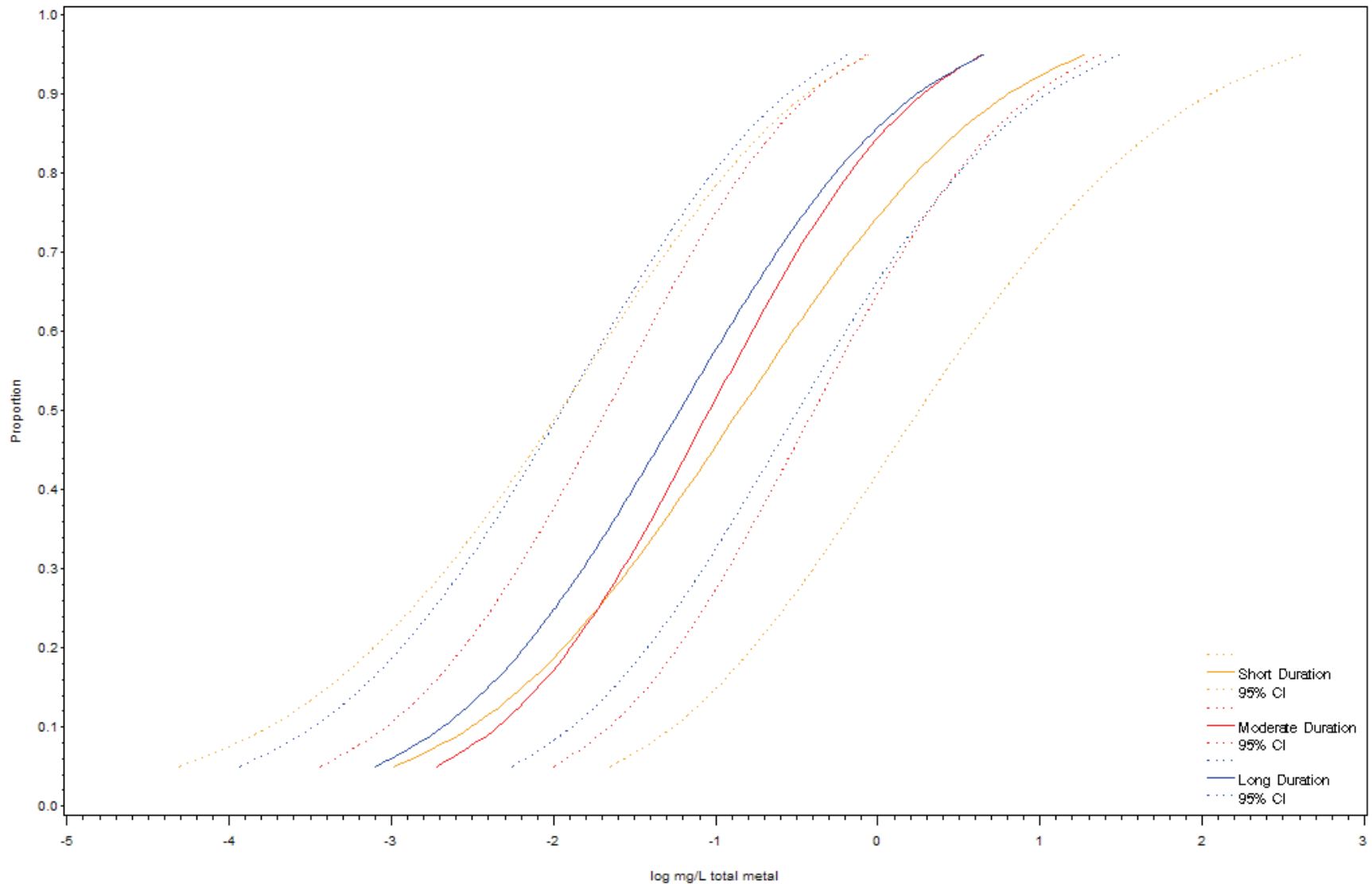
Copper LC50 SSDs - comparing exposure duration  
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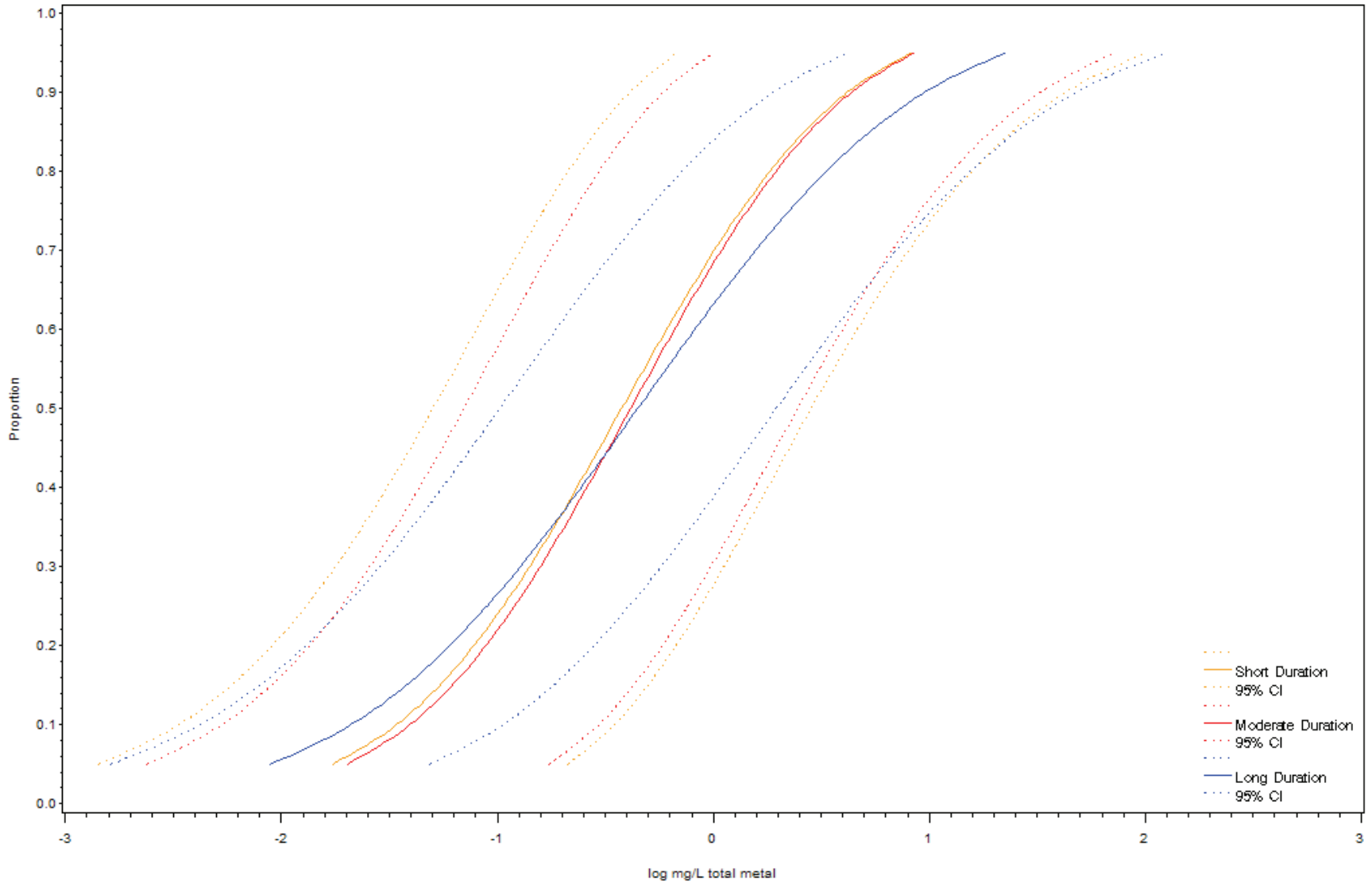
### Copper LC50 SSDs - comparing exposure duration for Arthropod species at T<=15C in soft water



### Copper LC50 SSDs - comparing exposure duration for Arthropod species at T>15C in soft water

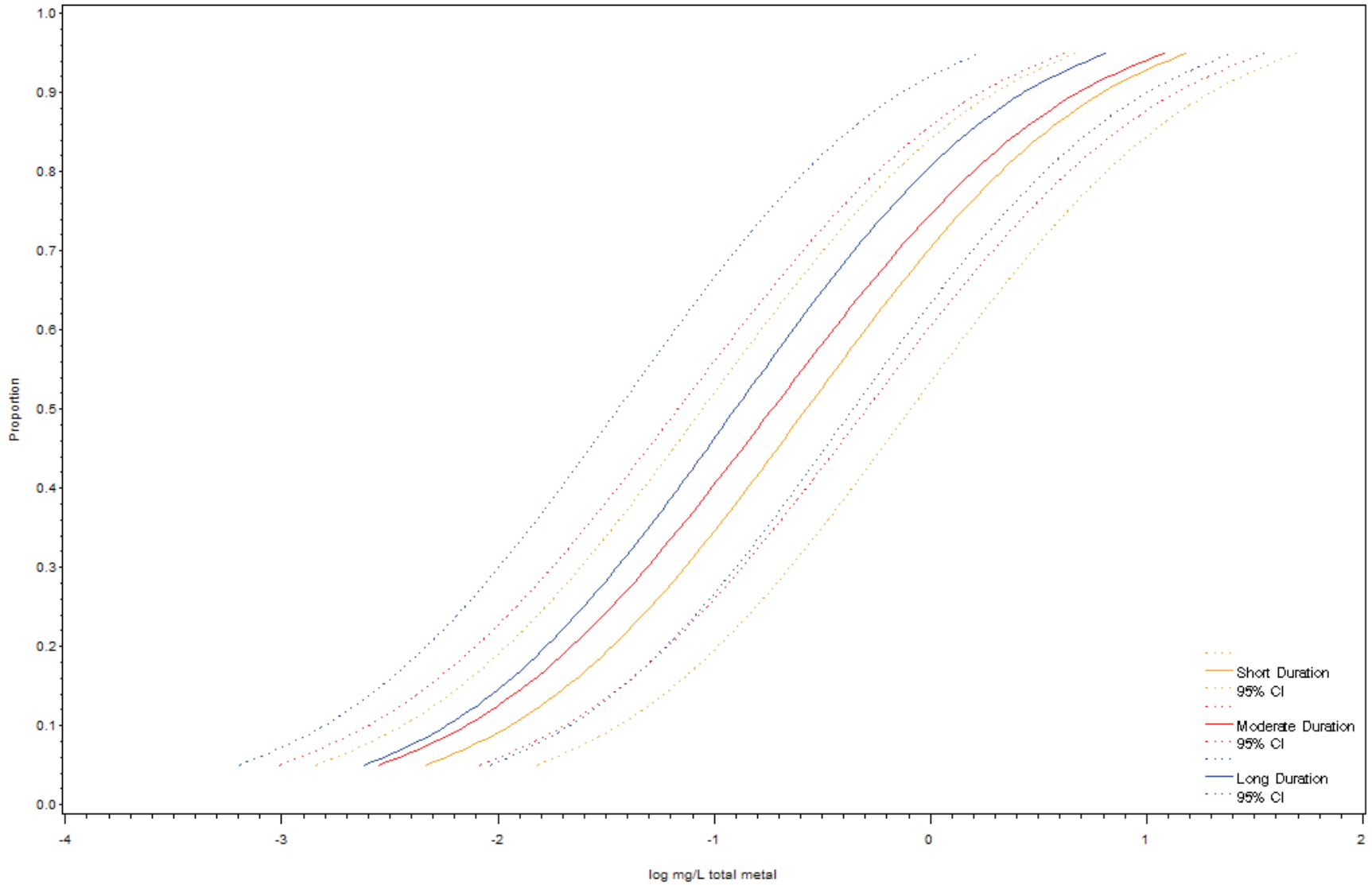


Copper LC50 SSDs - comparing exposure duration  
for Invertebrate species at T<=15C in soft water

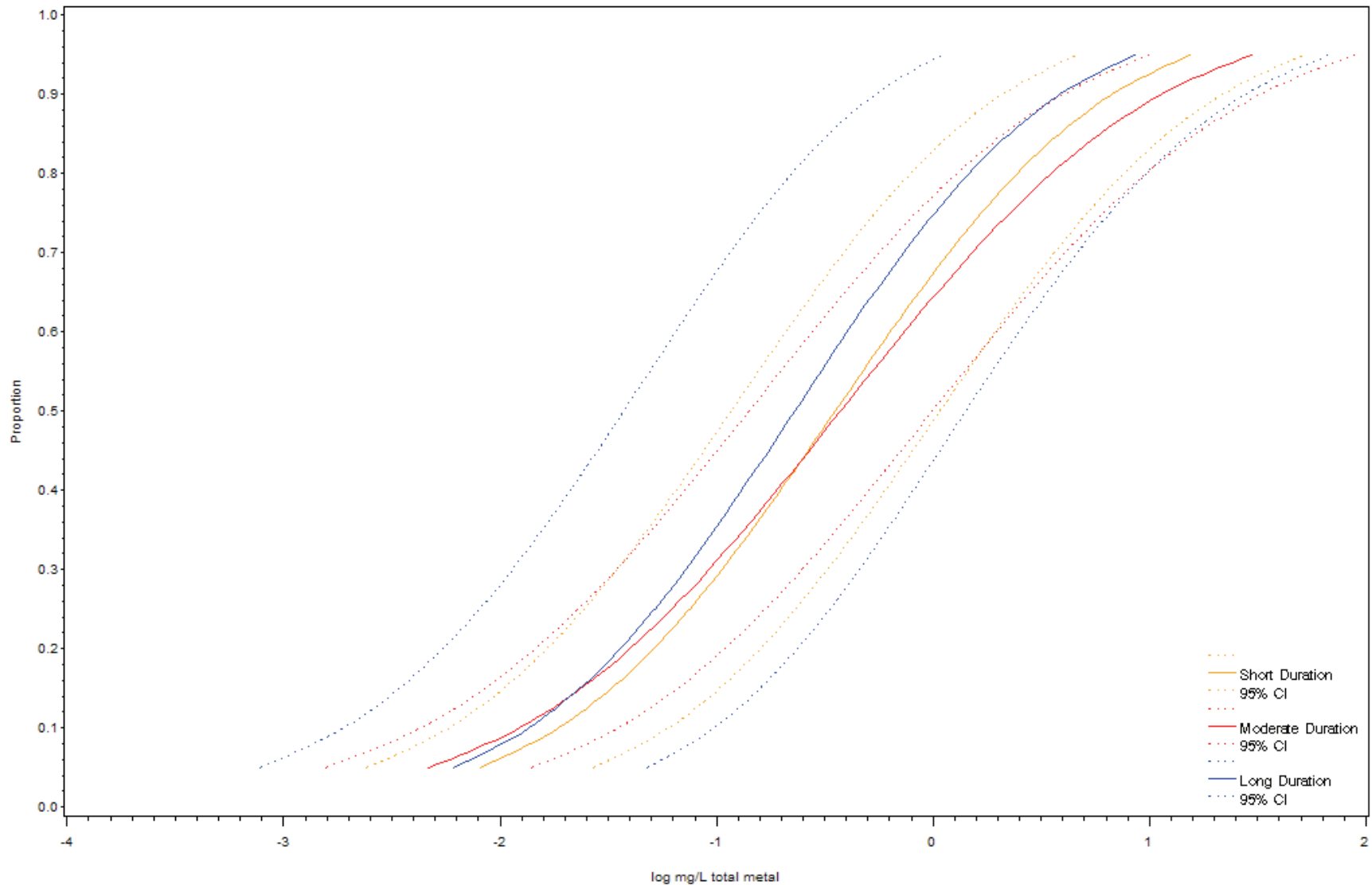




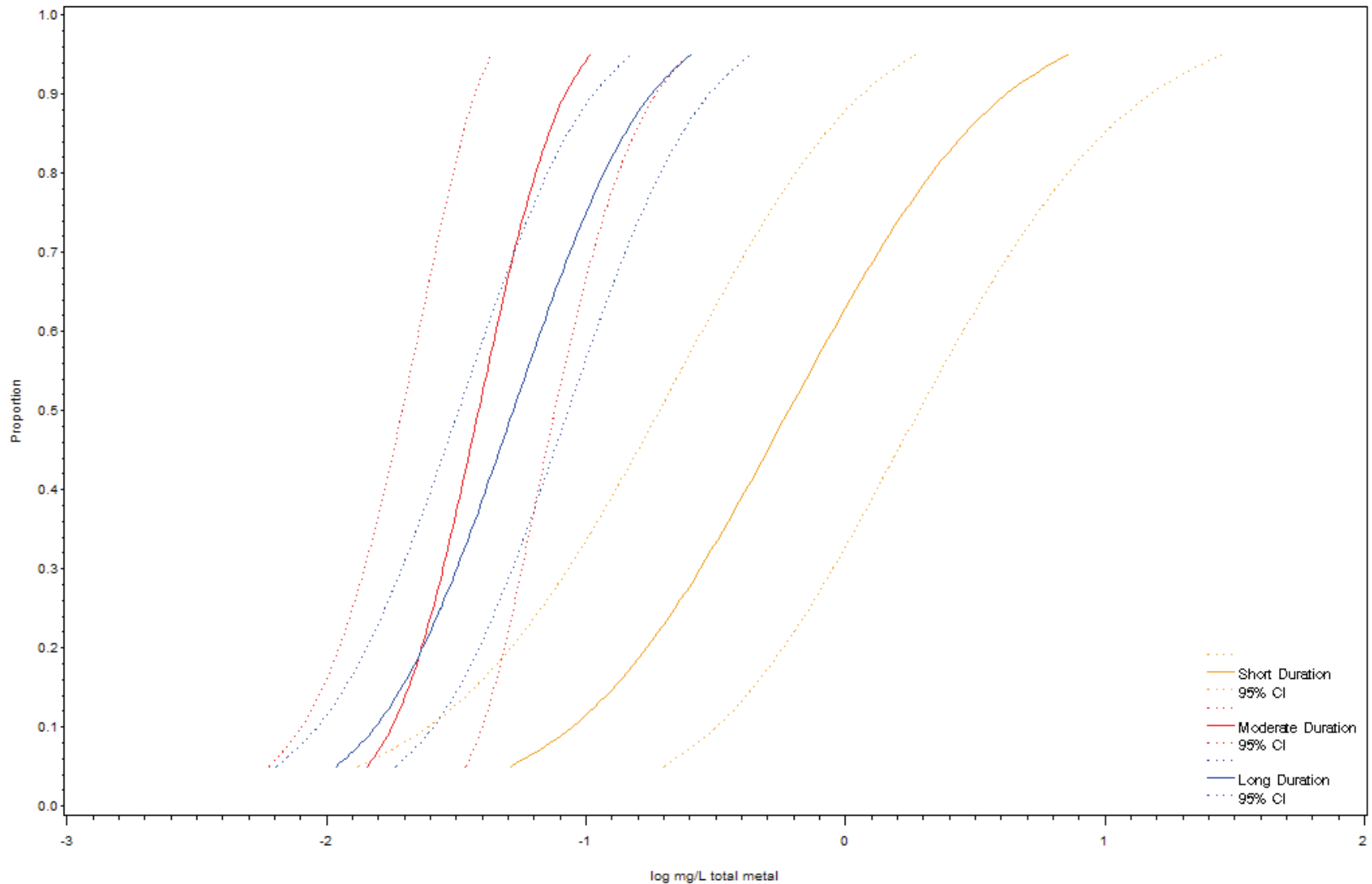
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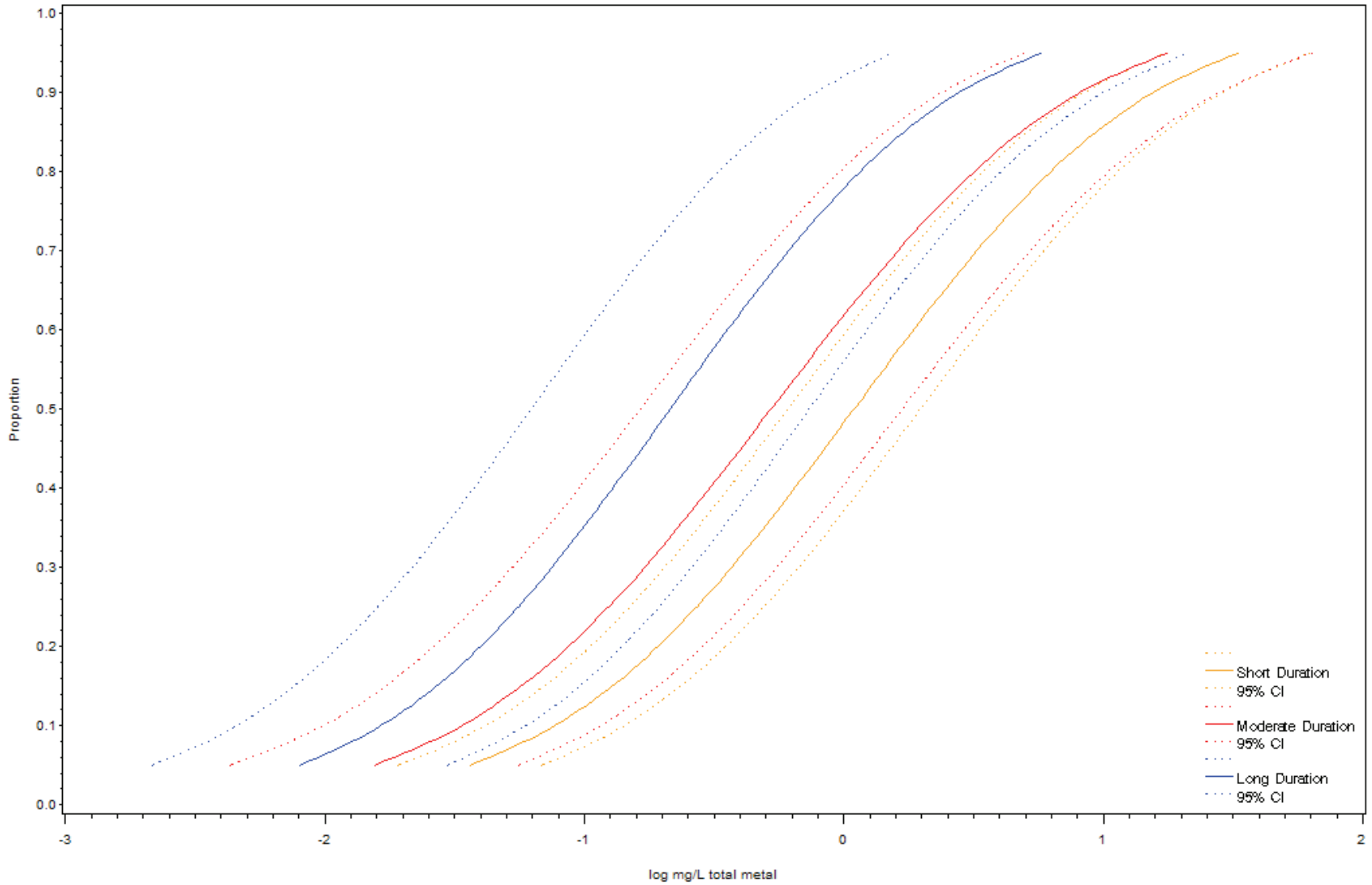
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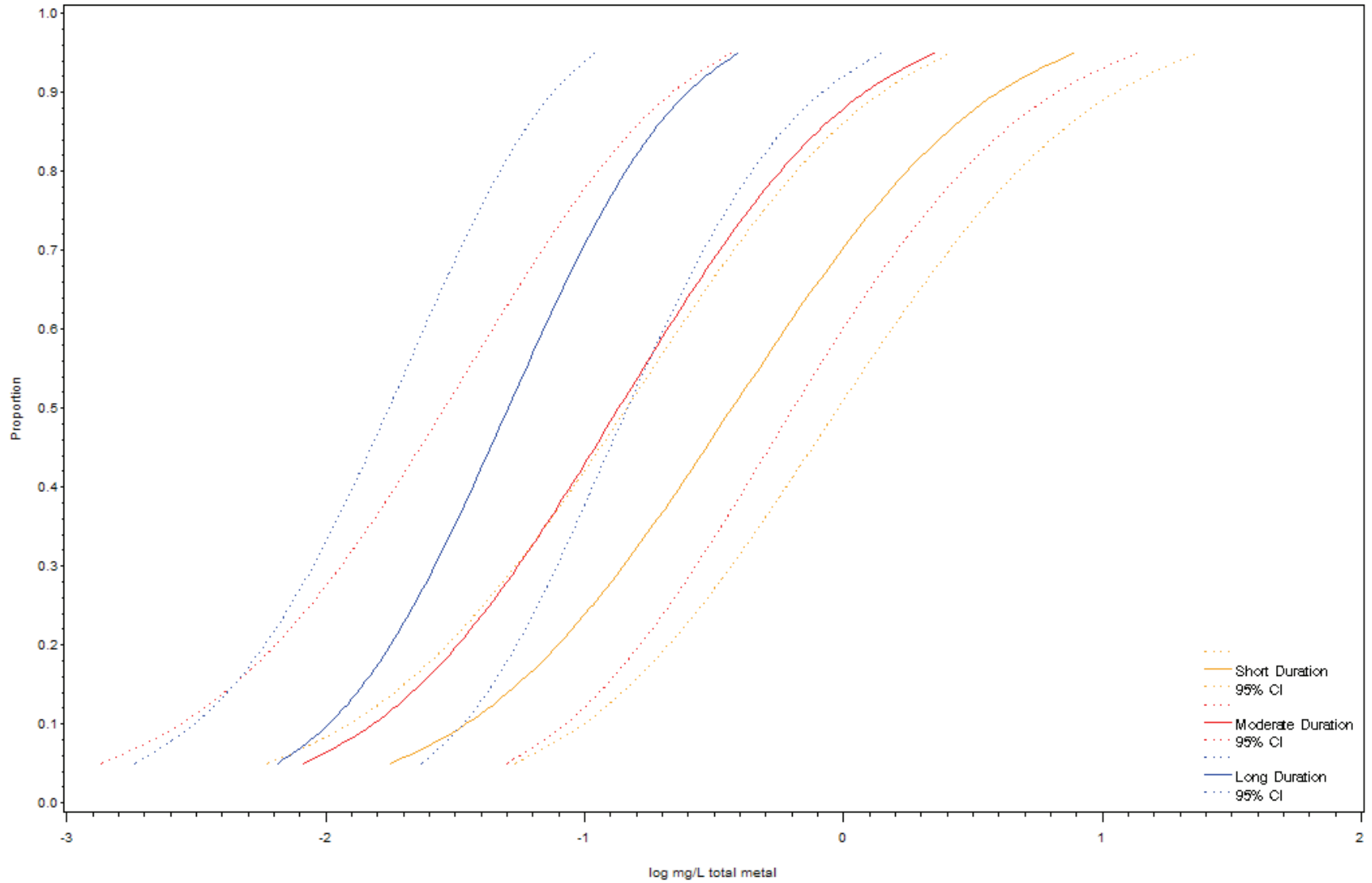
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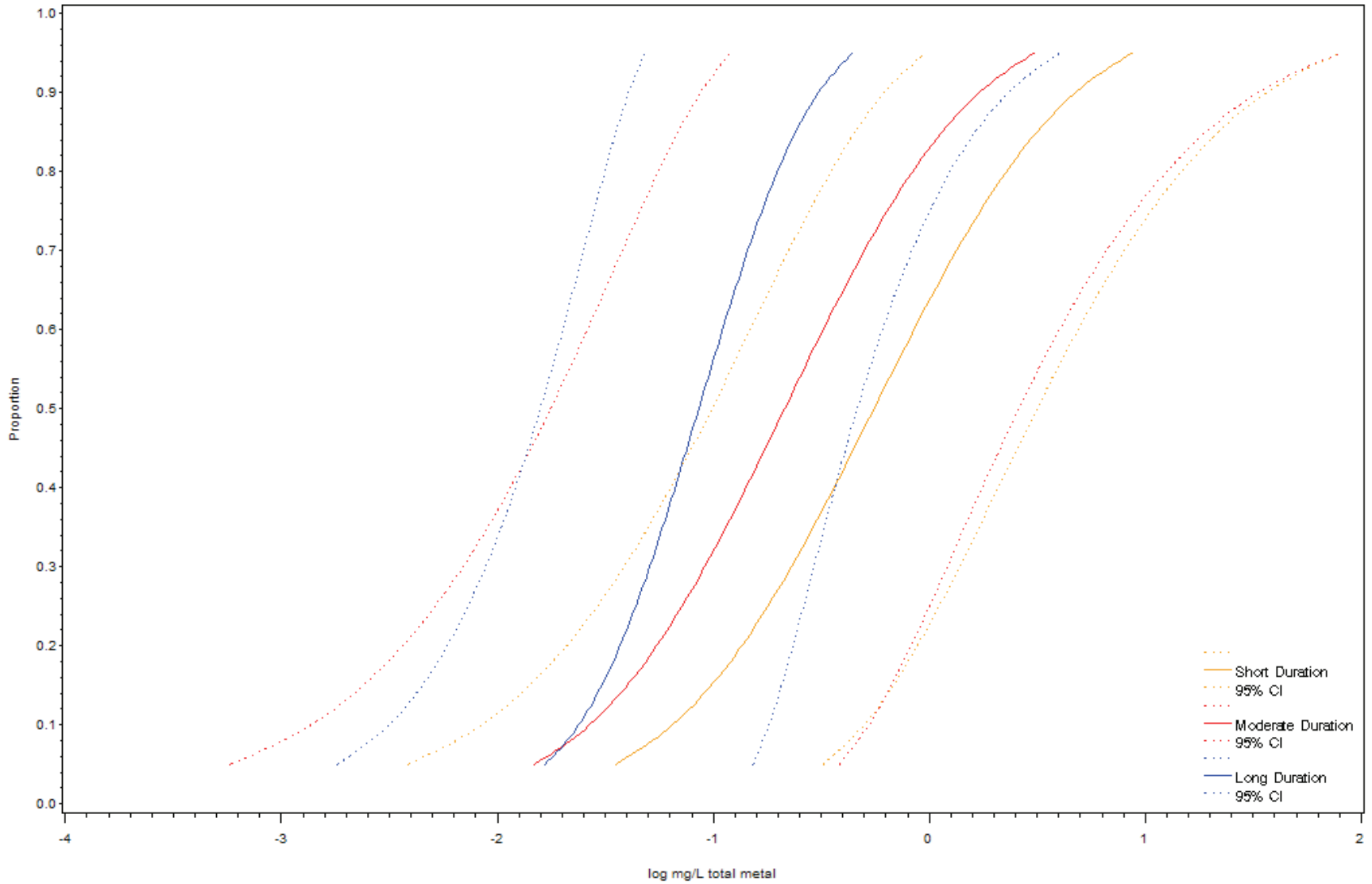
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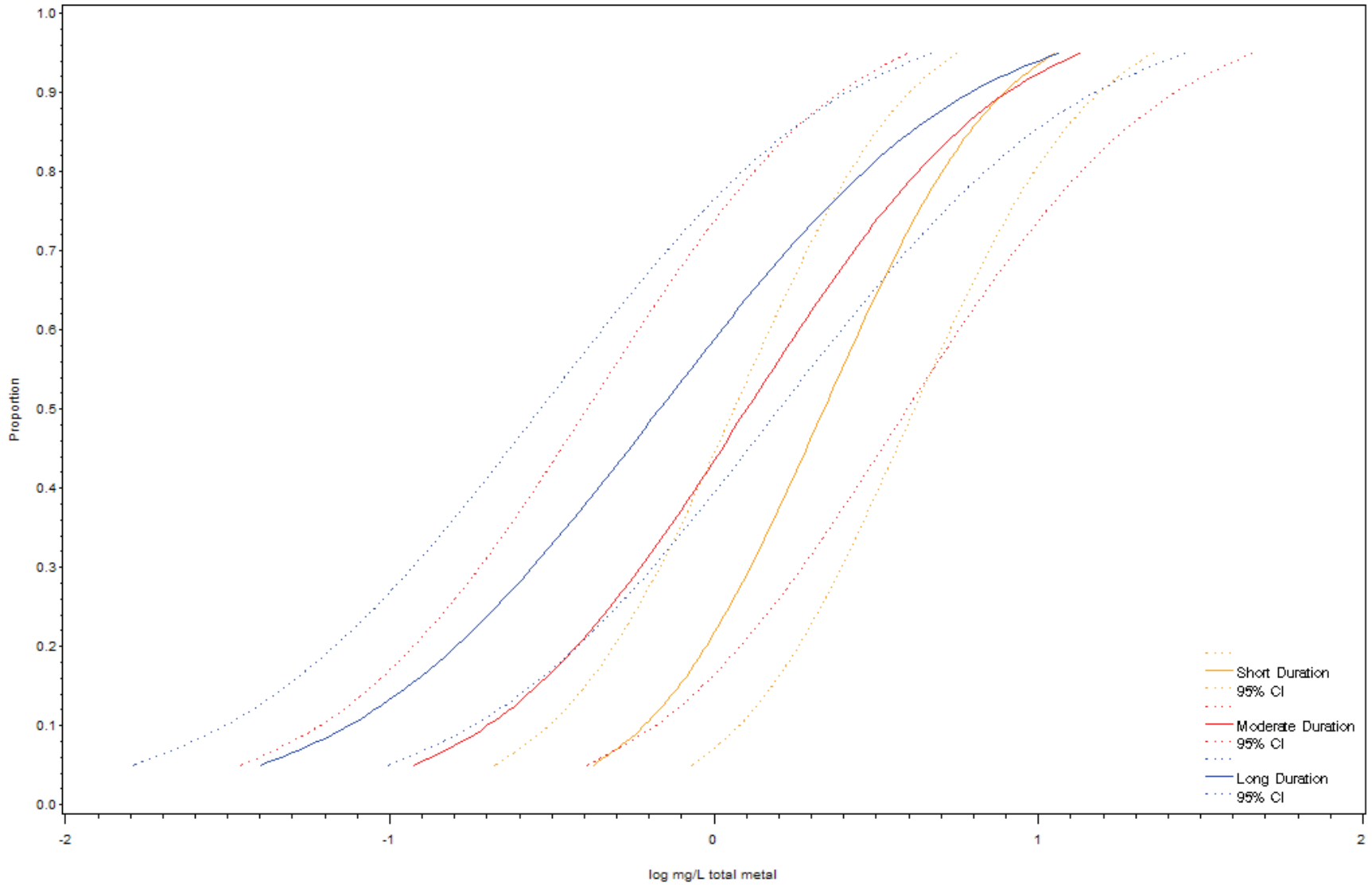
### Copper LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in very hard water



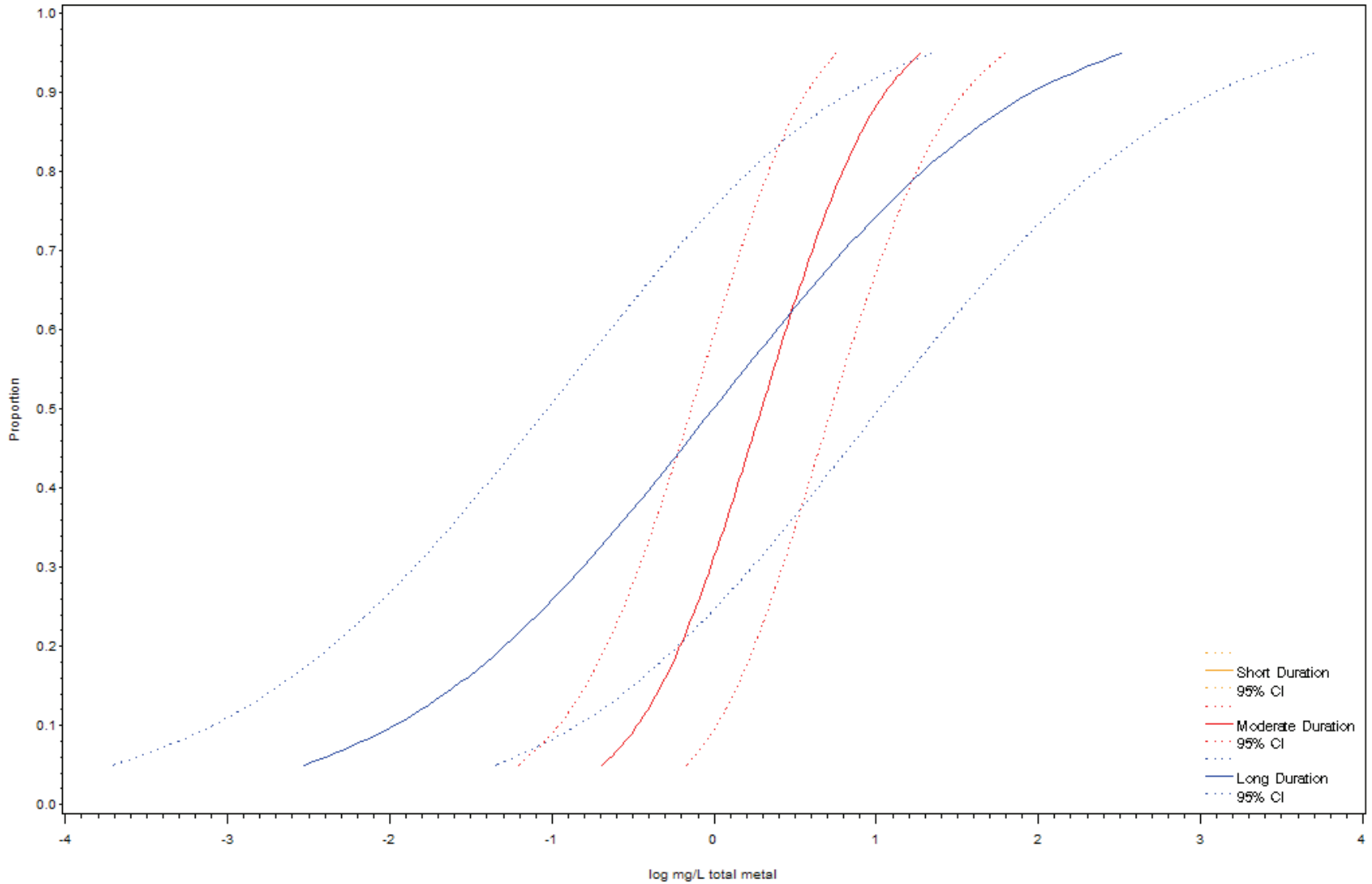
Copper LC50 SSDs - comparing exposure duration  
for Non-Arthropod Invertebrate species at T>15C in very hard water



### Copper LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in very hard water

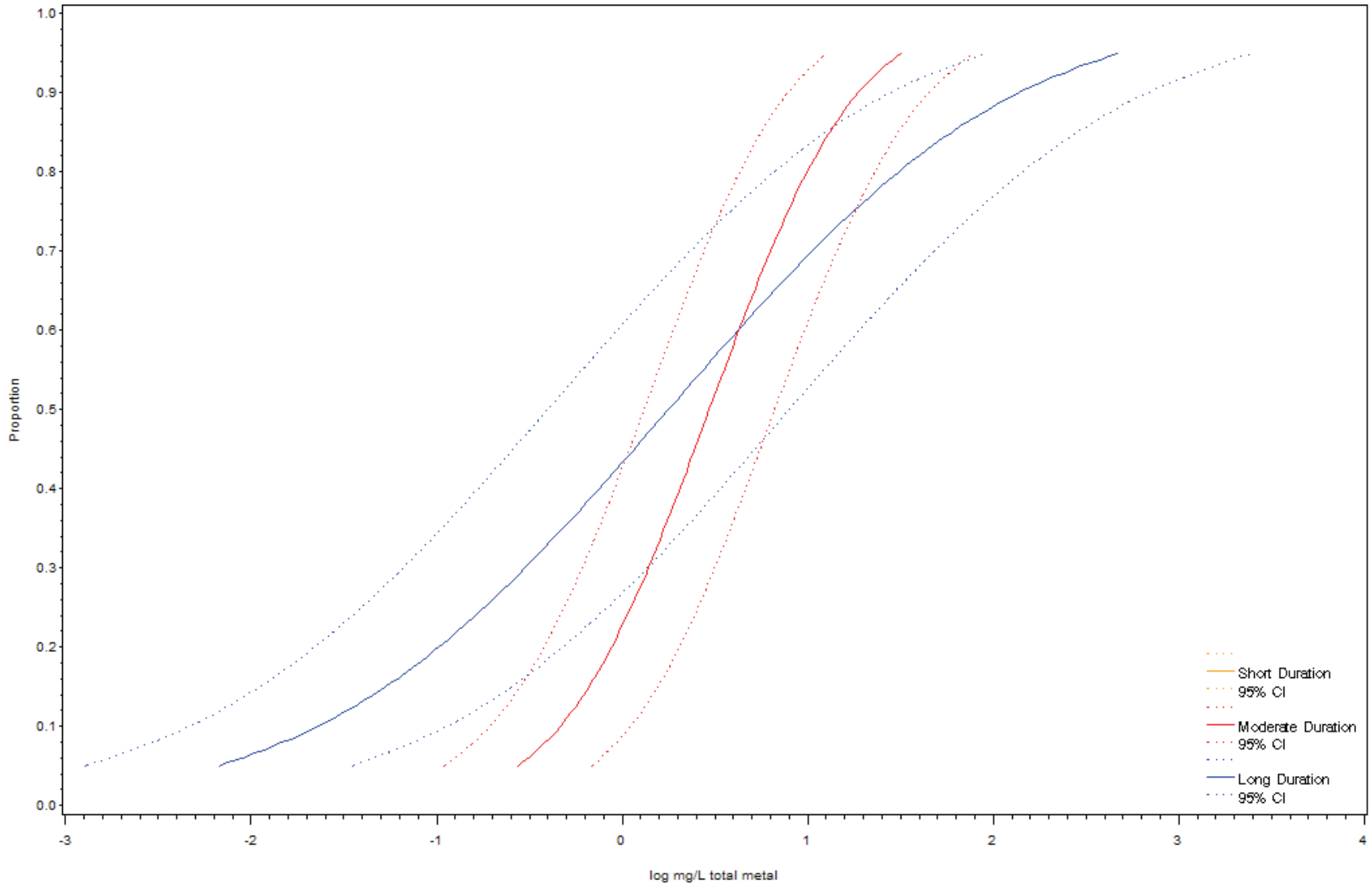


### Lead LC50 SSDs - comparing exposure duration for Arthropod species at T>15C in soft water

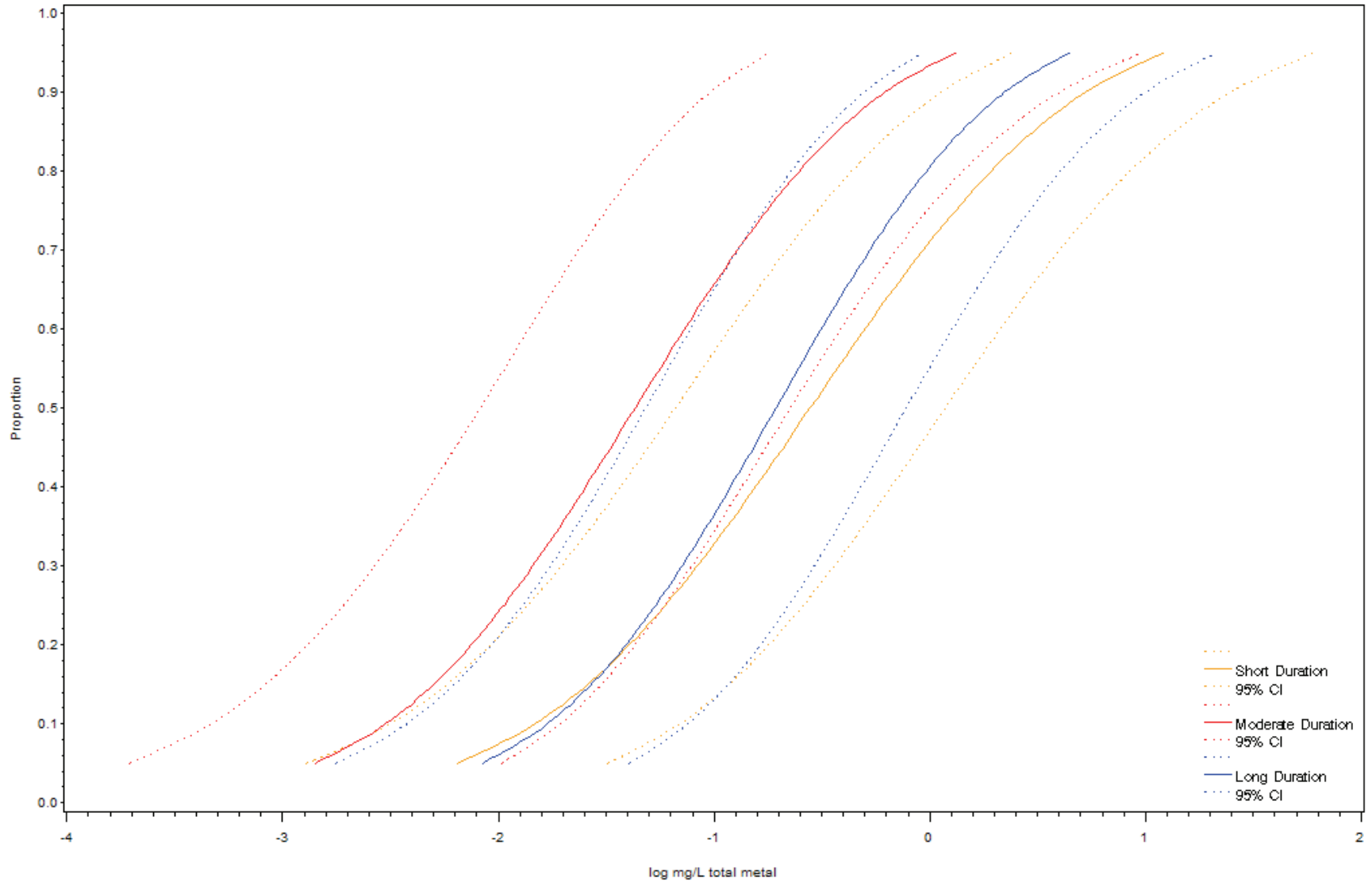




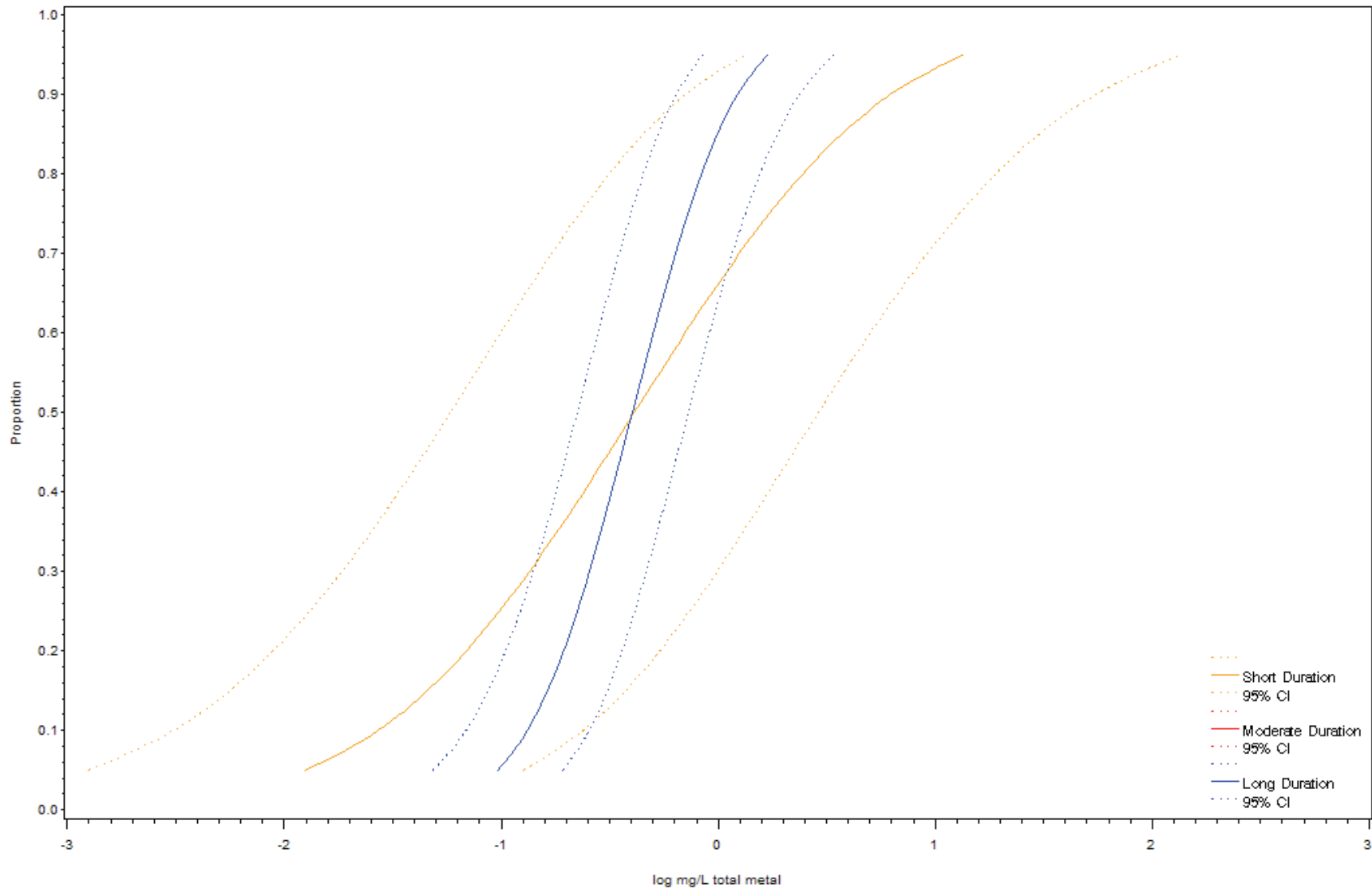
### Lead LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in soft water



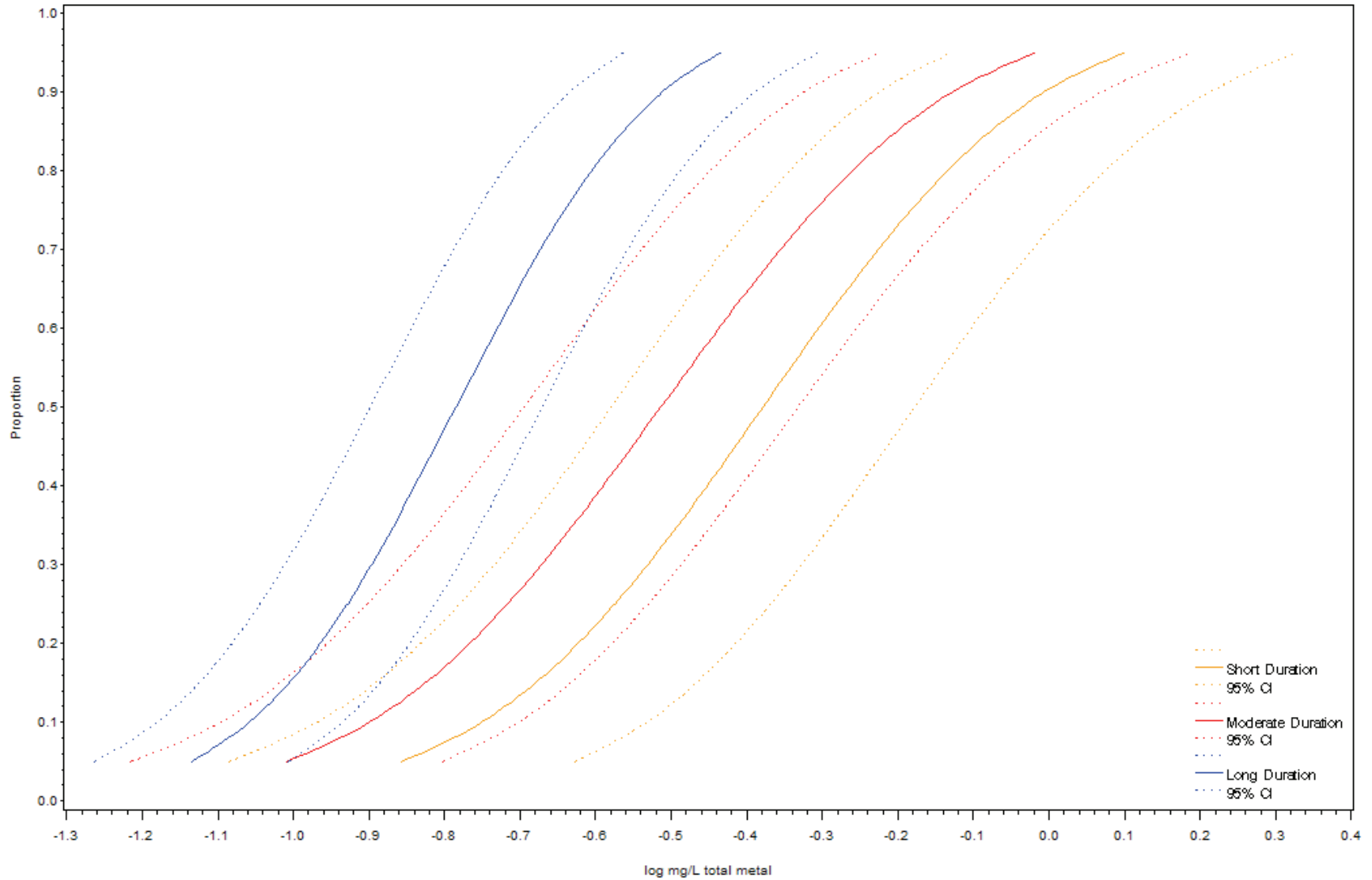
Mercury LC50 SSDs - comparing exposure duration  
for Invertebrate species at T>15C in soft water



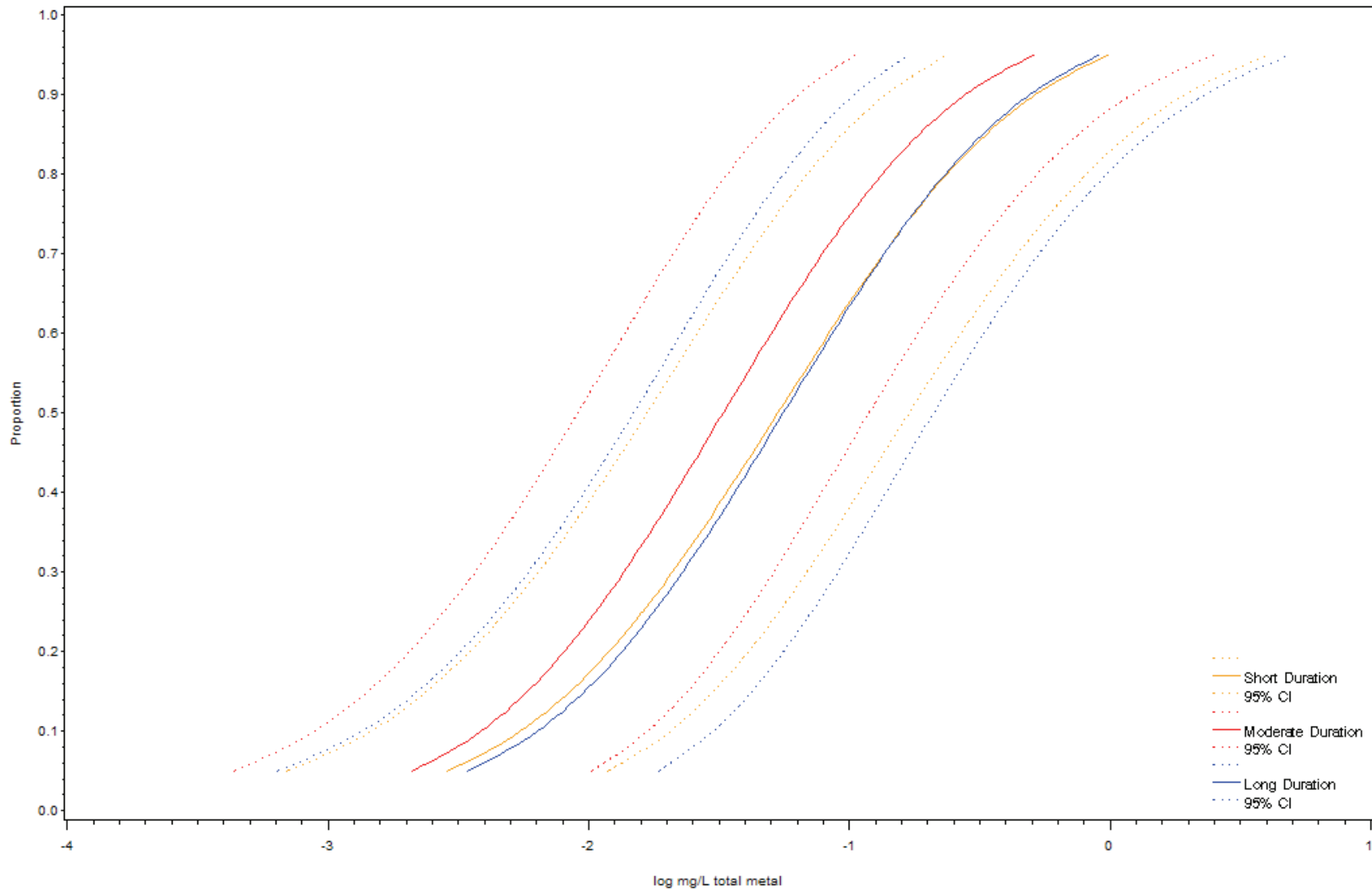
### Mercury LC50 SSDs - comparing exposure duration for Non-Arthropod Invertebrate species at T>15C in soft water



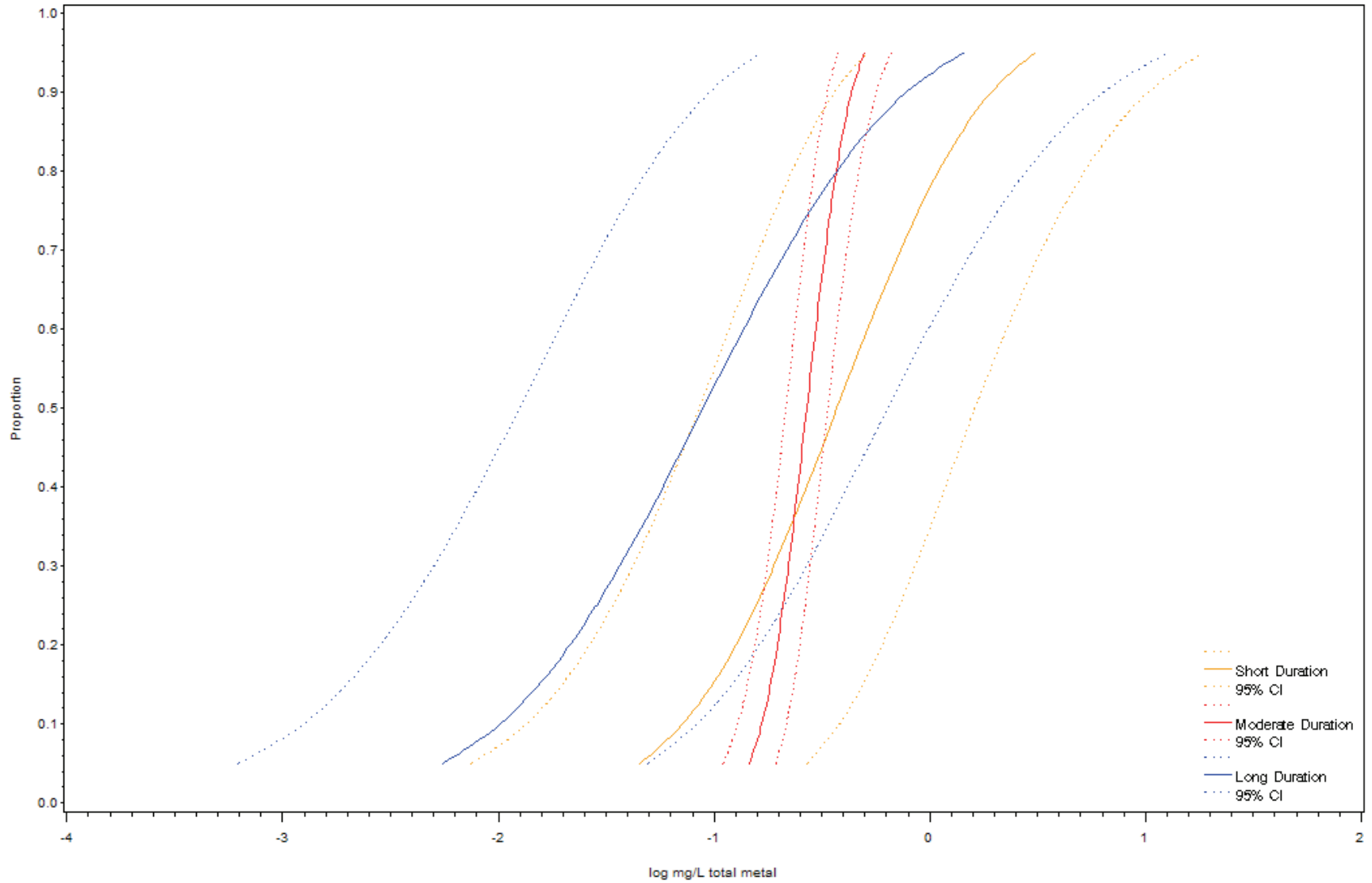
### Mercury LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in soft water



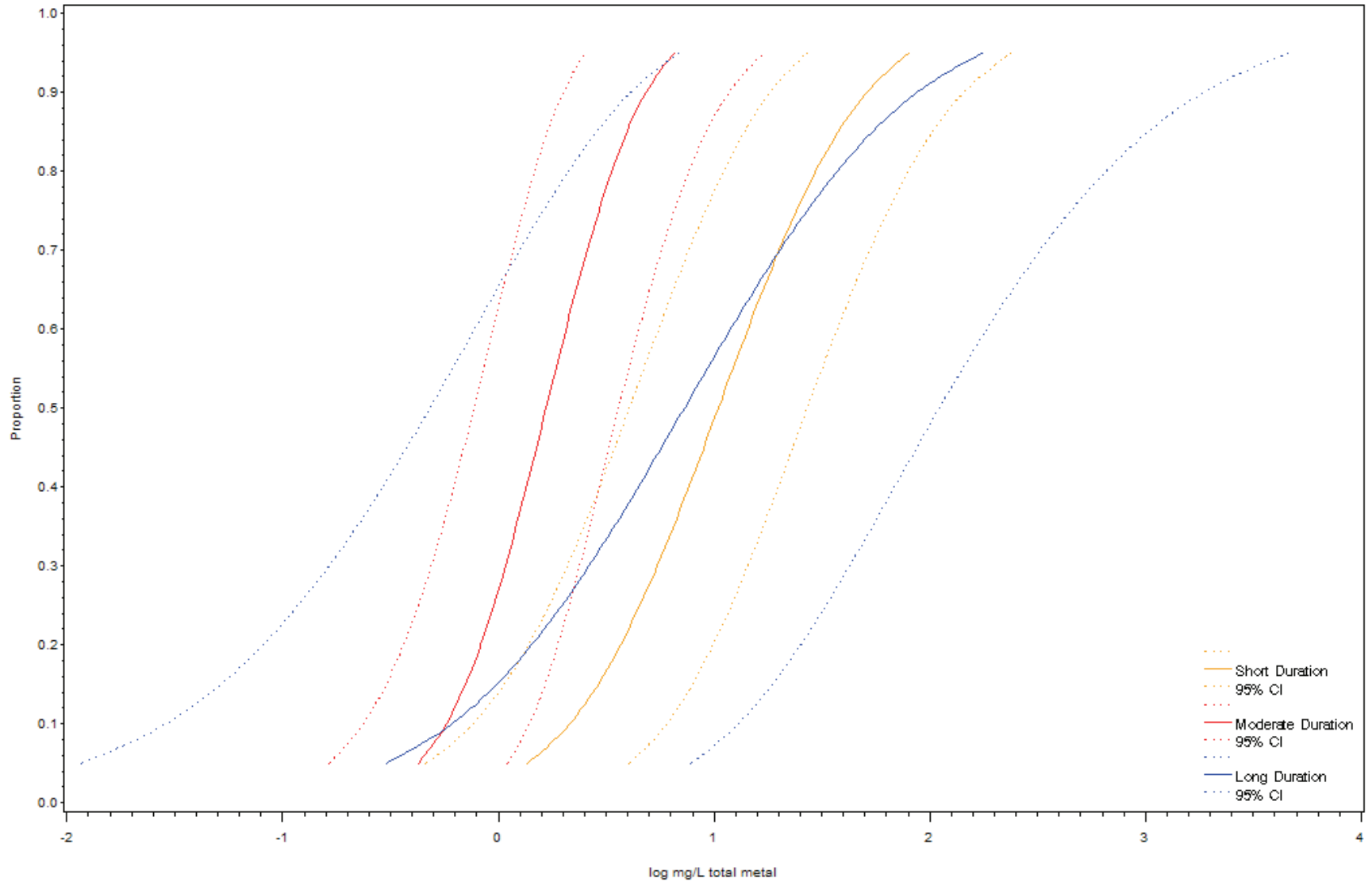
### Mercury LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in very hard water



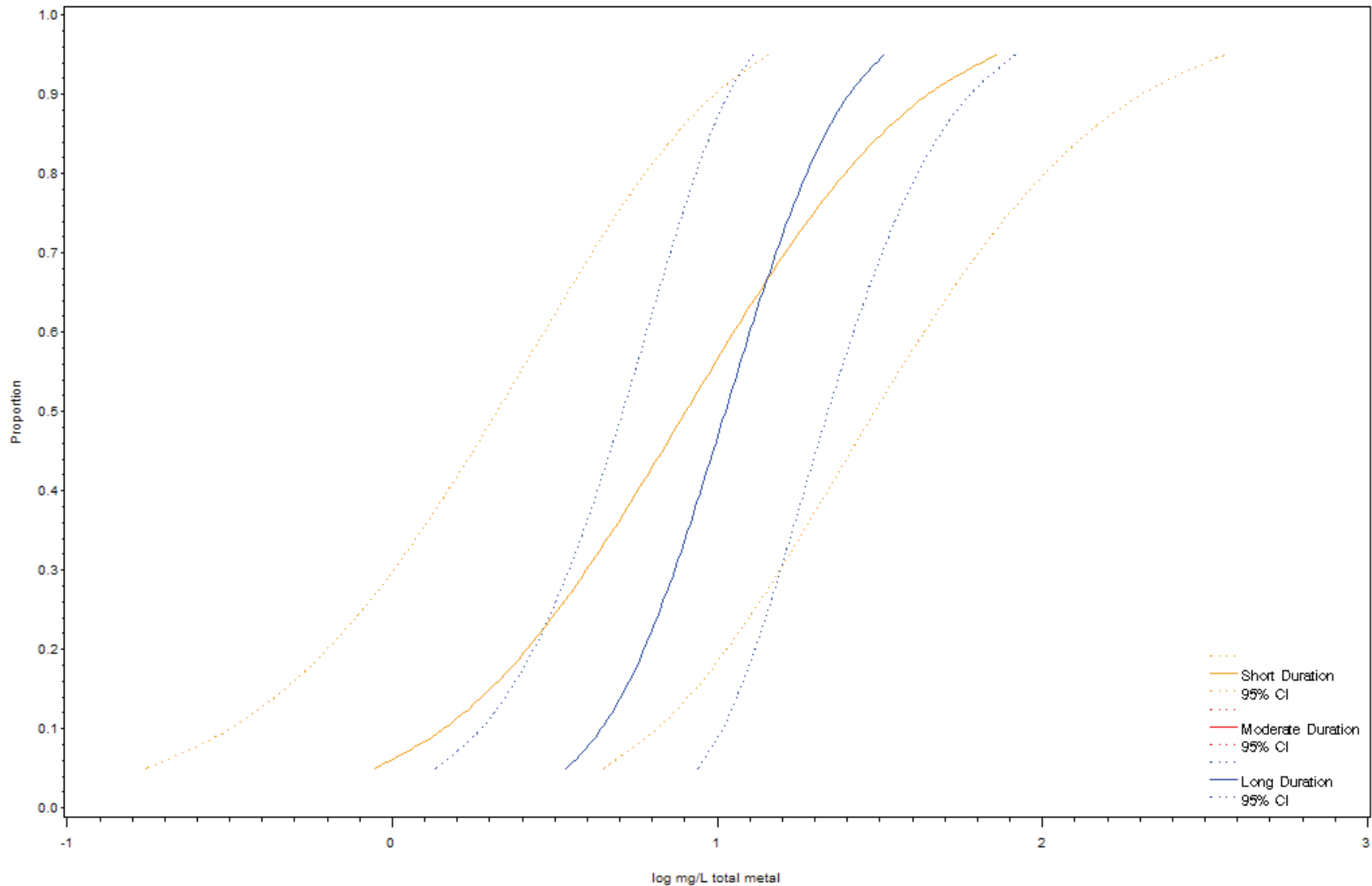
Mercury LC50 SSDs - comparing exposure duration  
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### Nickel LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in soft water

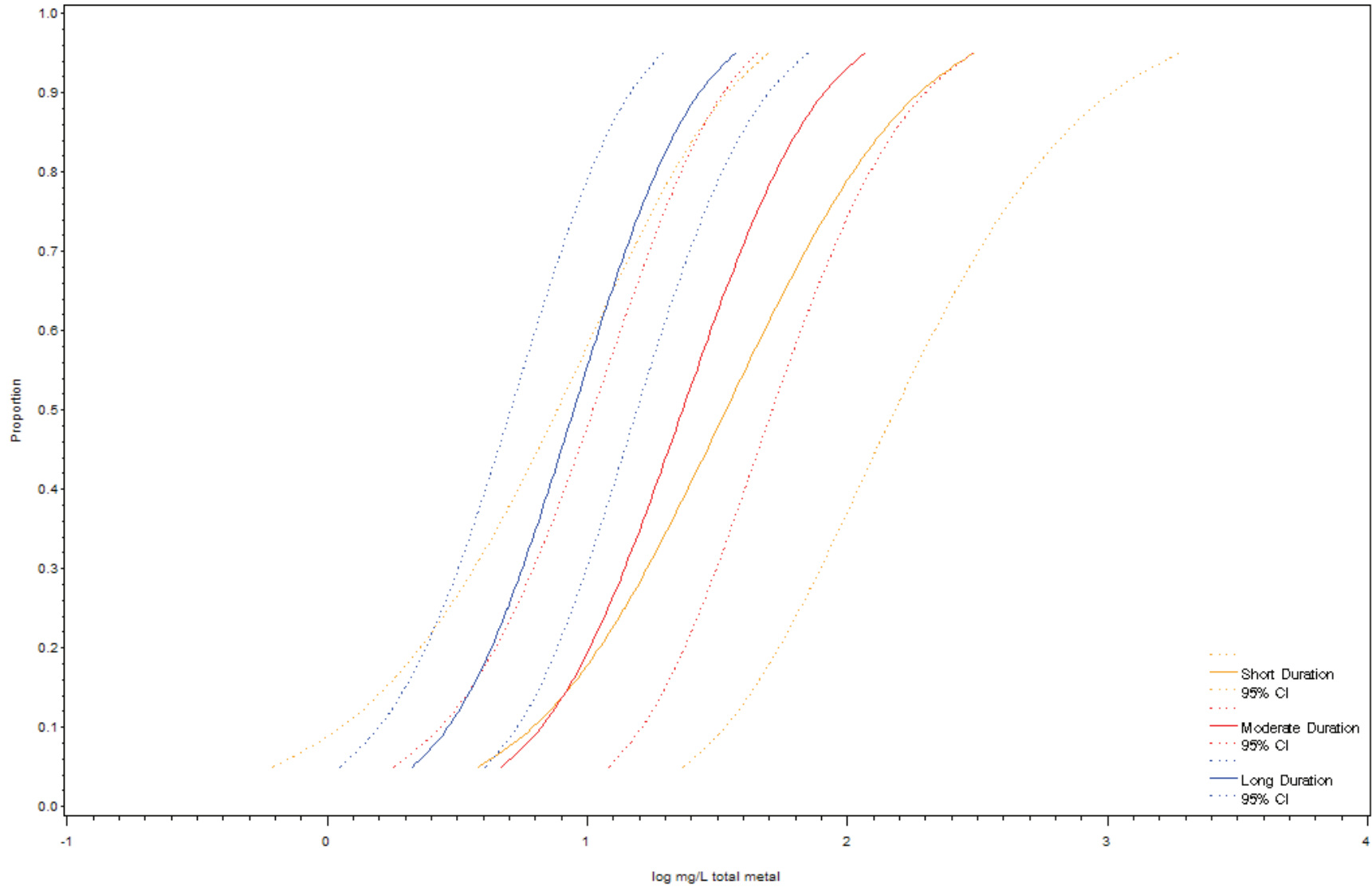


### Nickel LC50 SSDs - comparing exposure duration for Non-Arthropod Invertebrate species at T>15C in soft water

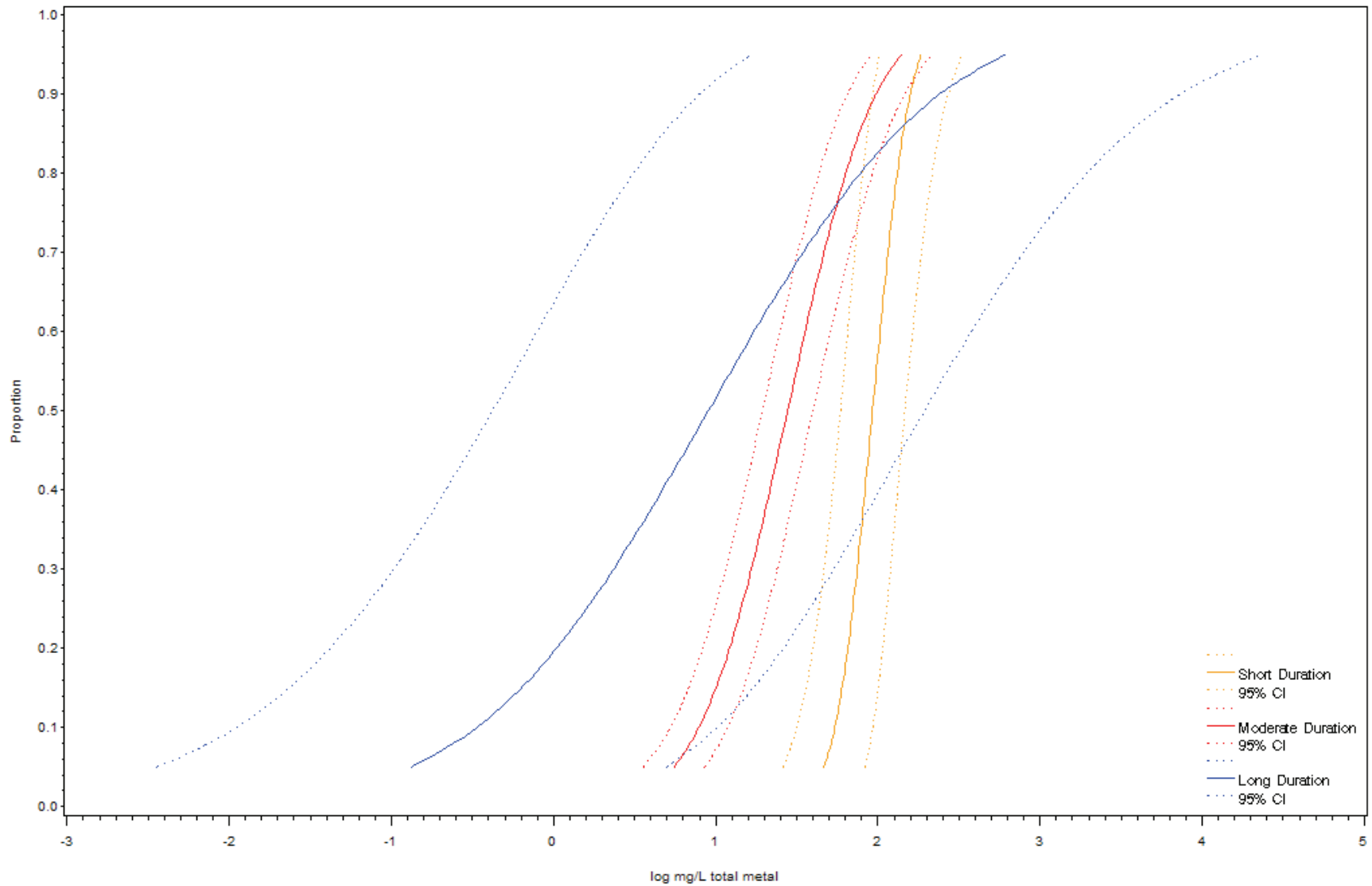




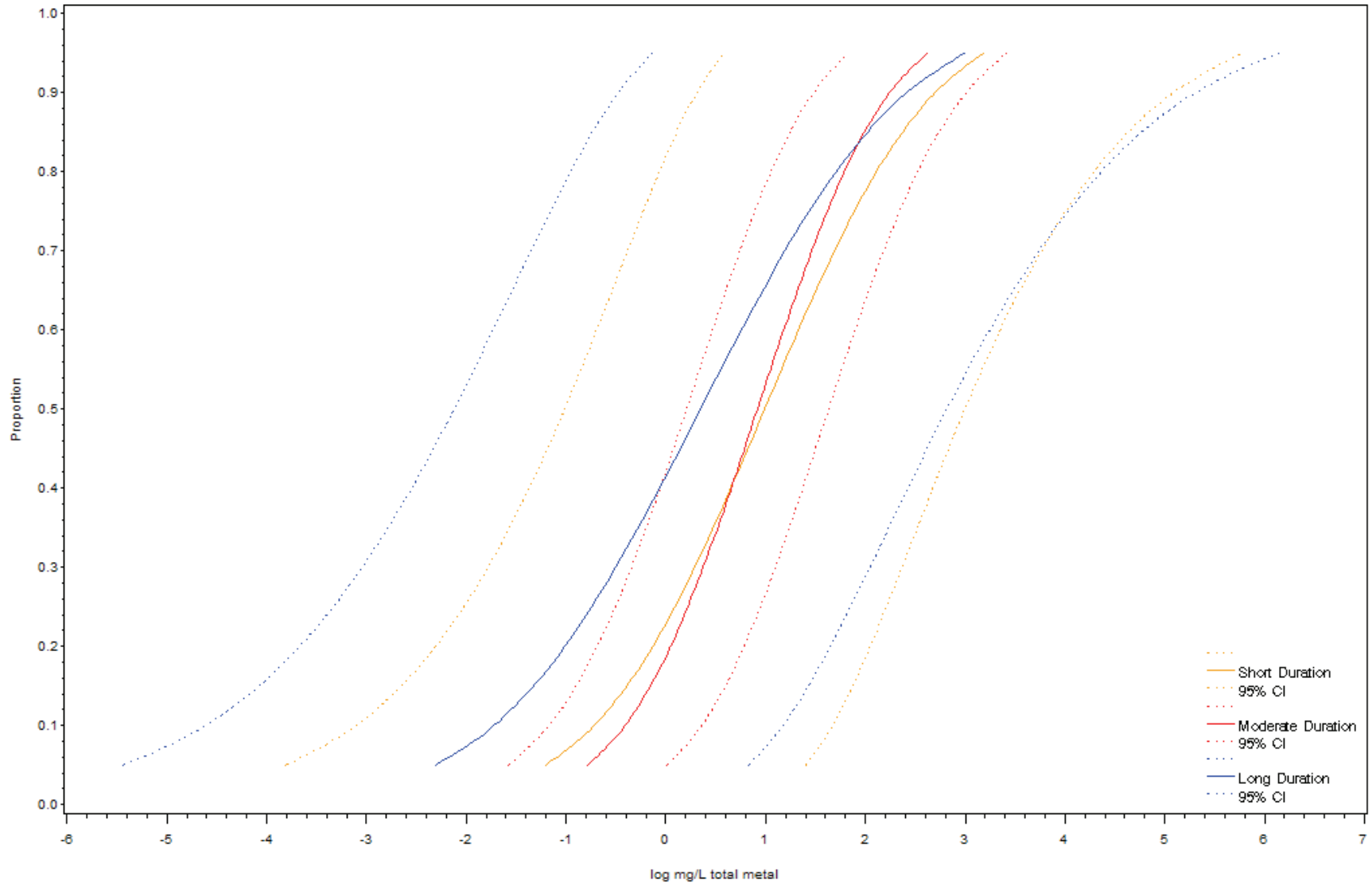
### Nickel LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in soft water



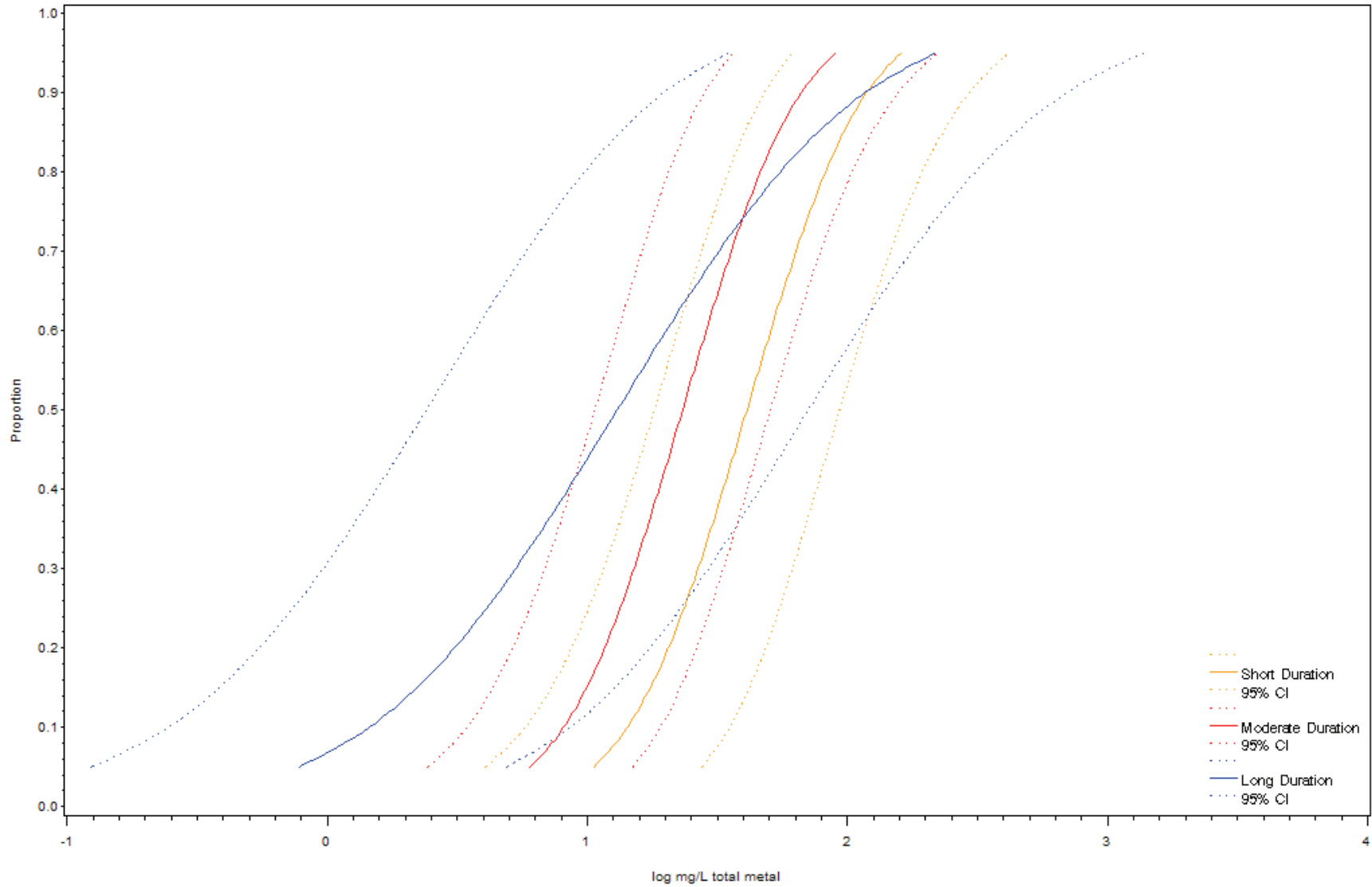
### Nickel LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in very hard water



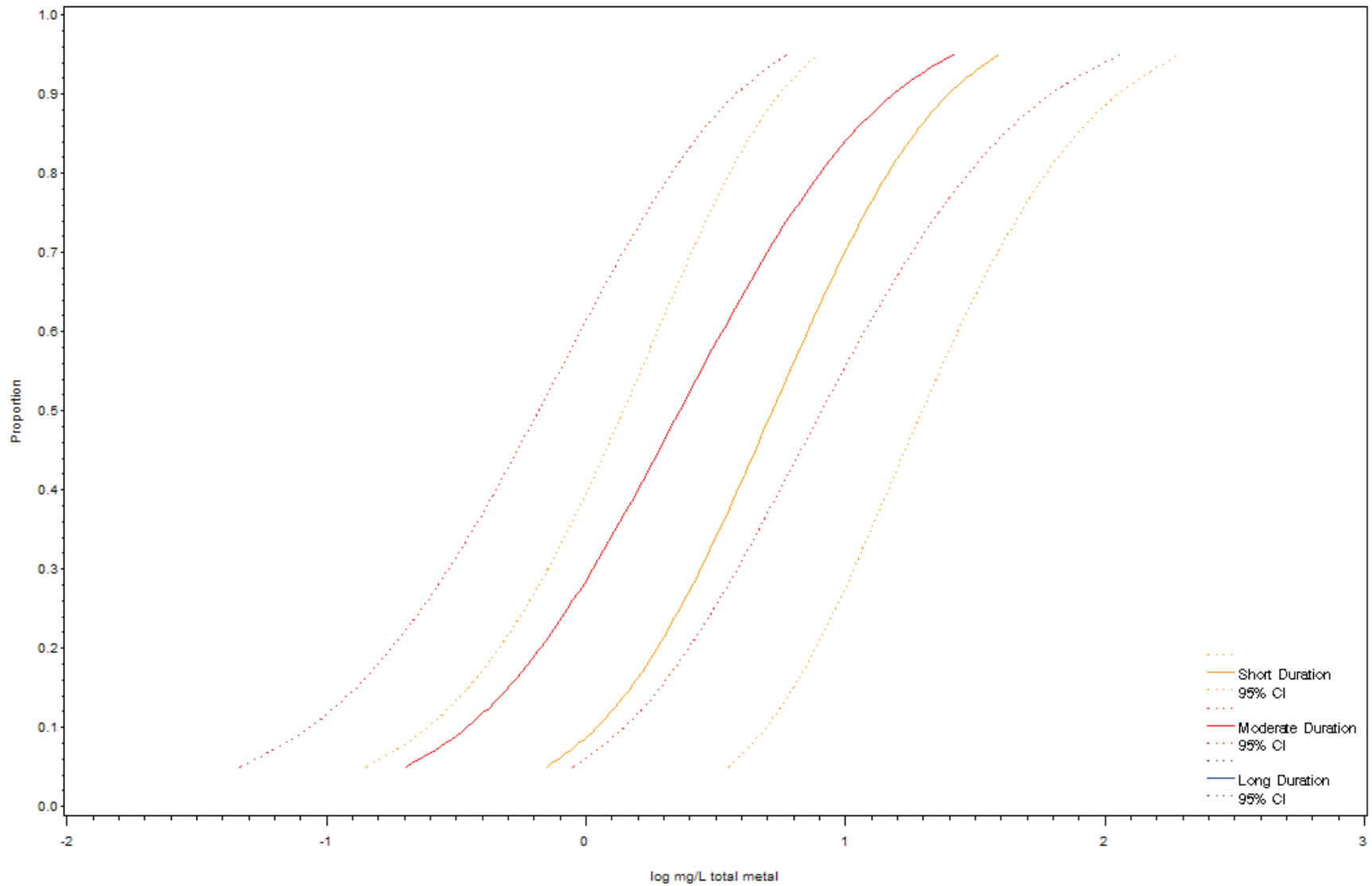
### Selenium LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in water



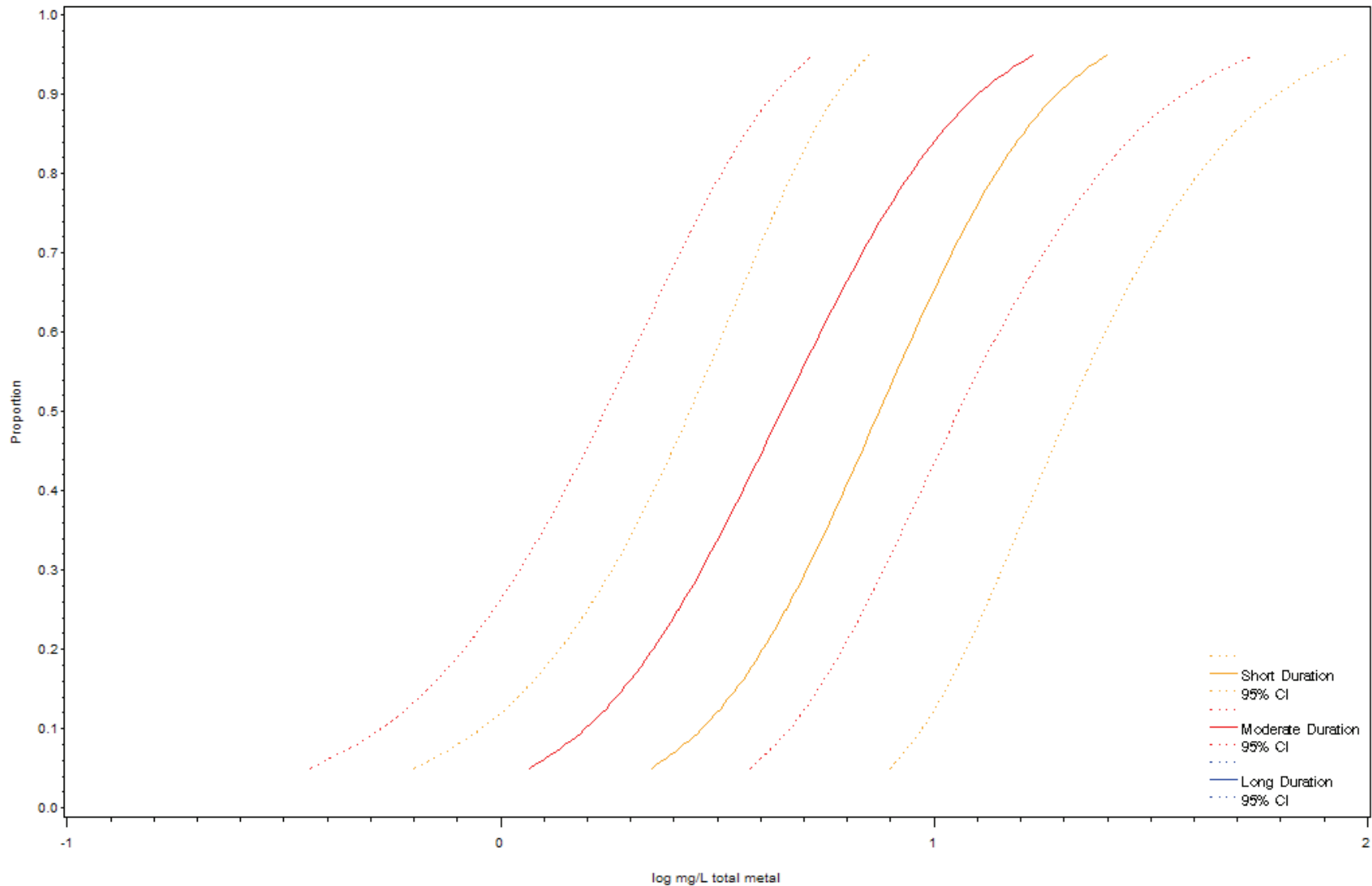
### Selenium LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in water



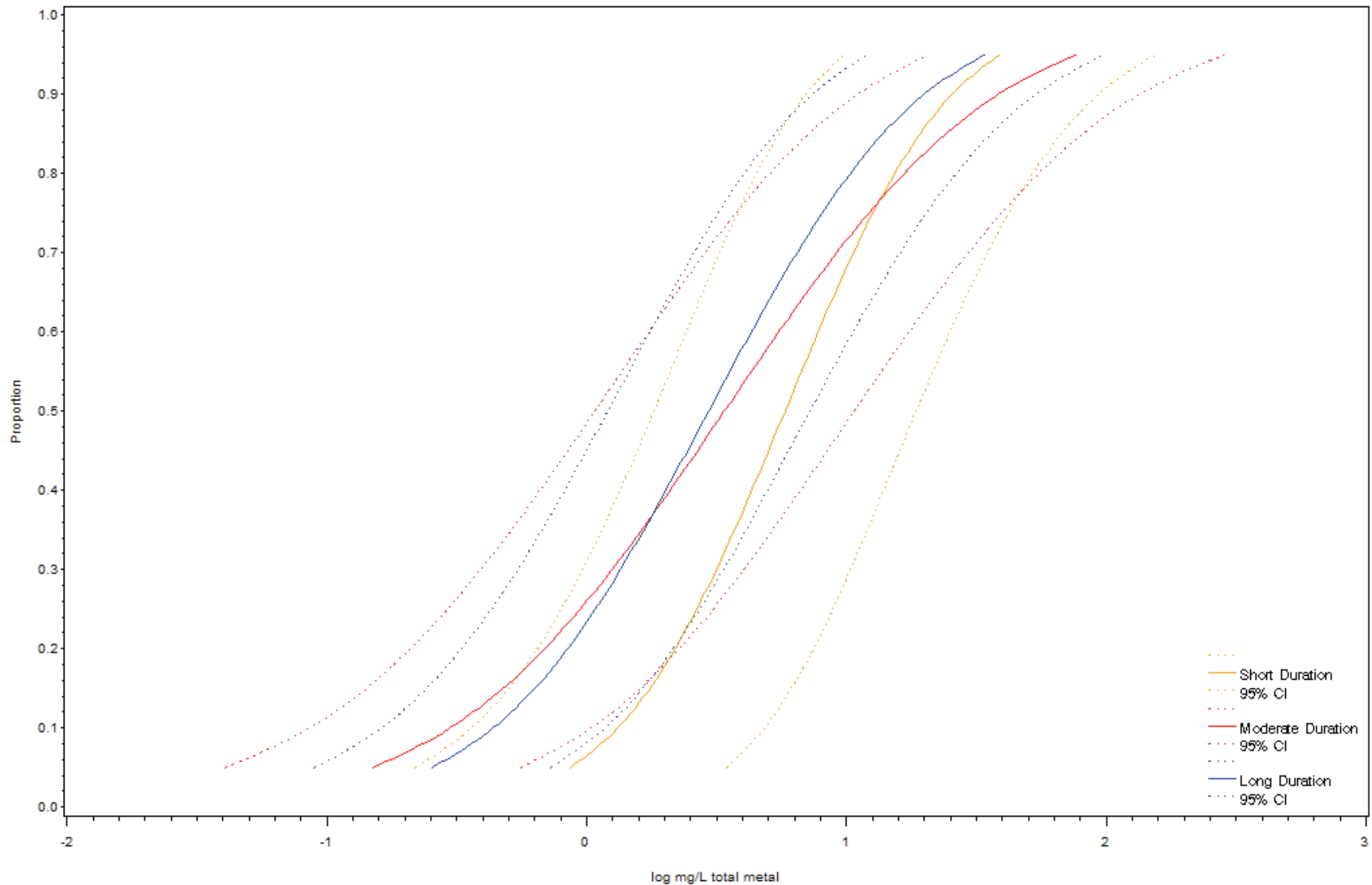
### Zinc LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in hard water



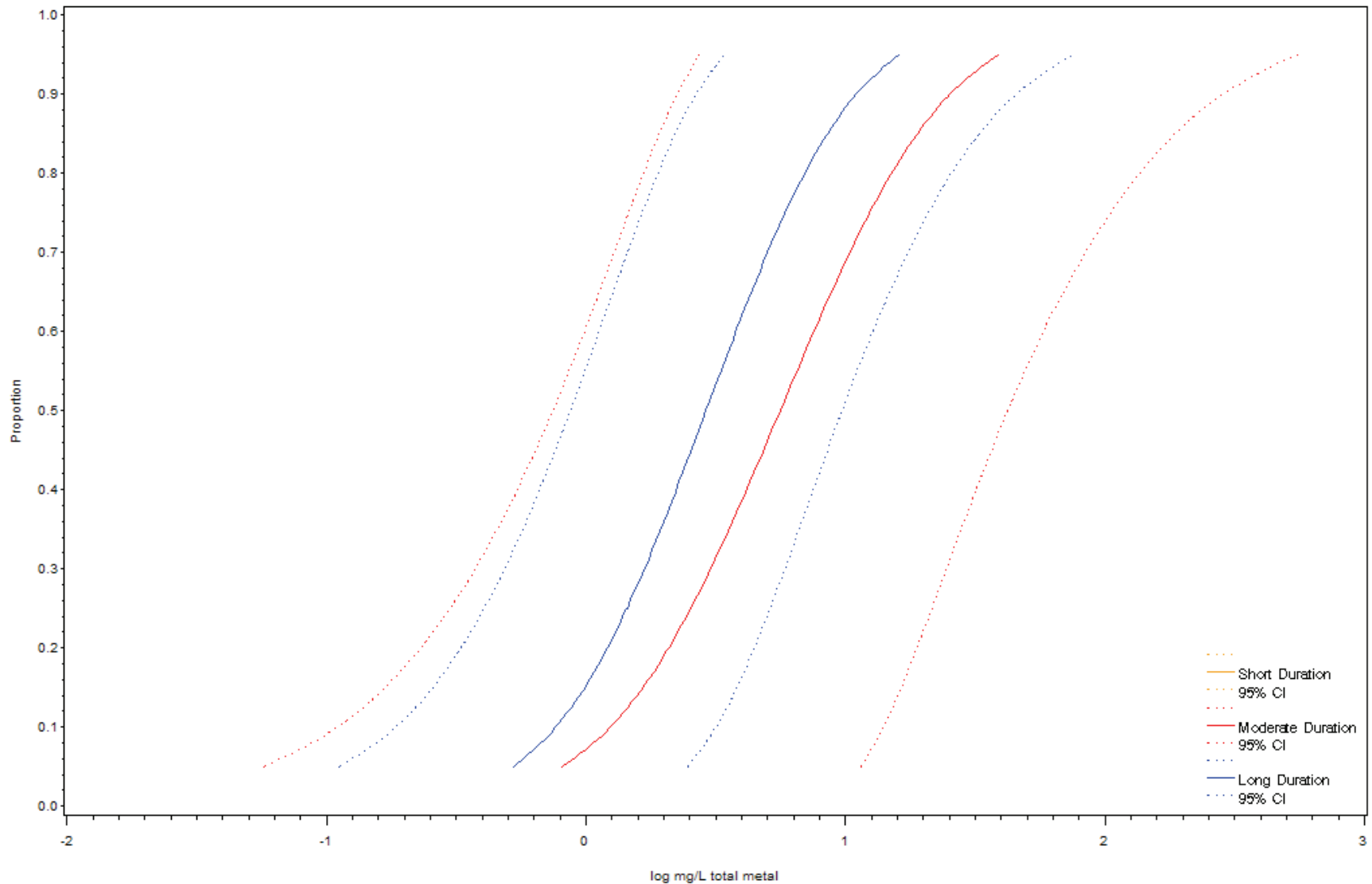
### Zinc LC50 SSDs - comparing exposure duration for Non-Arthropod Invertebrate species at T>15C in hard water



### Zinc LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in moderately hard water

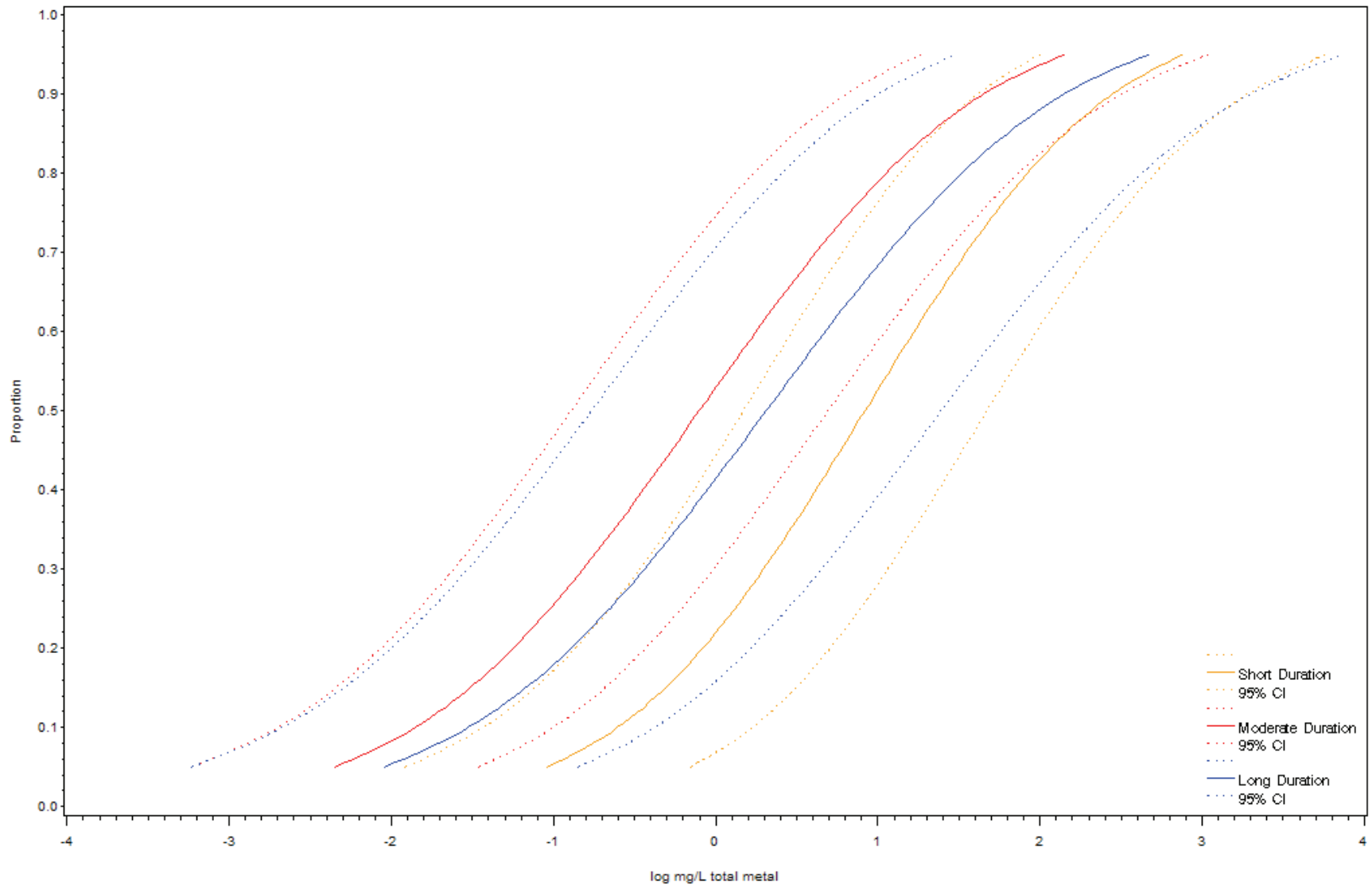


### Zinc LC50 SSDs - comparing exposure duration for Non-Arthropod Invertebrate species at T>15C in moderately hard water

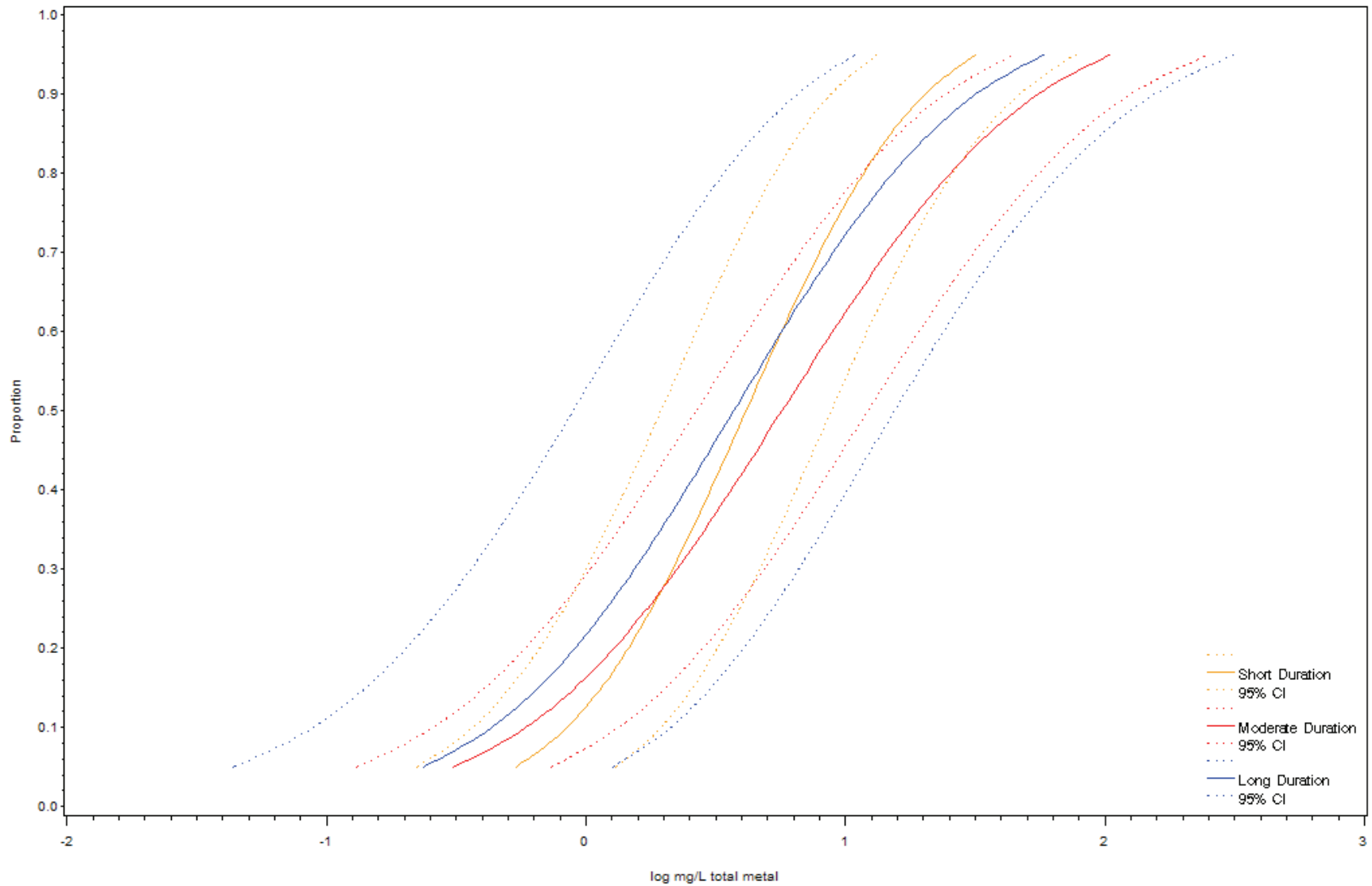




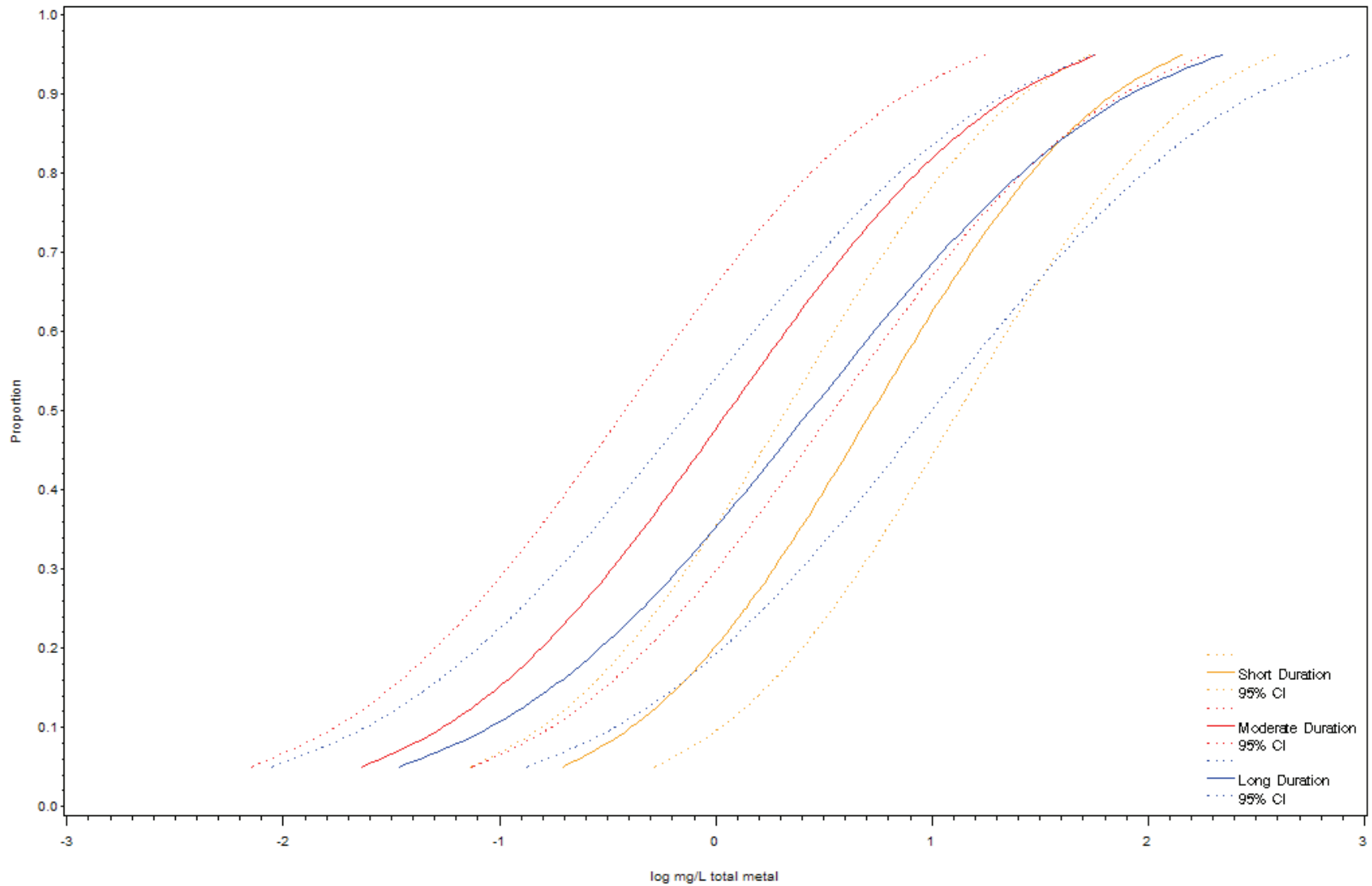
### Zinc LC50 SSDs - comparing exposure duration for Arthropod species at T>15C in soft water



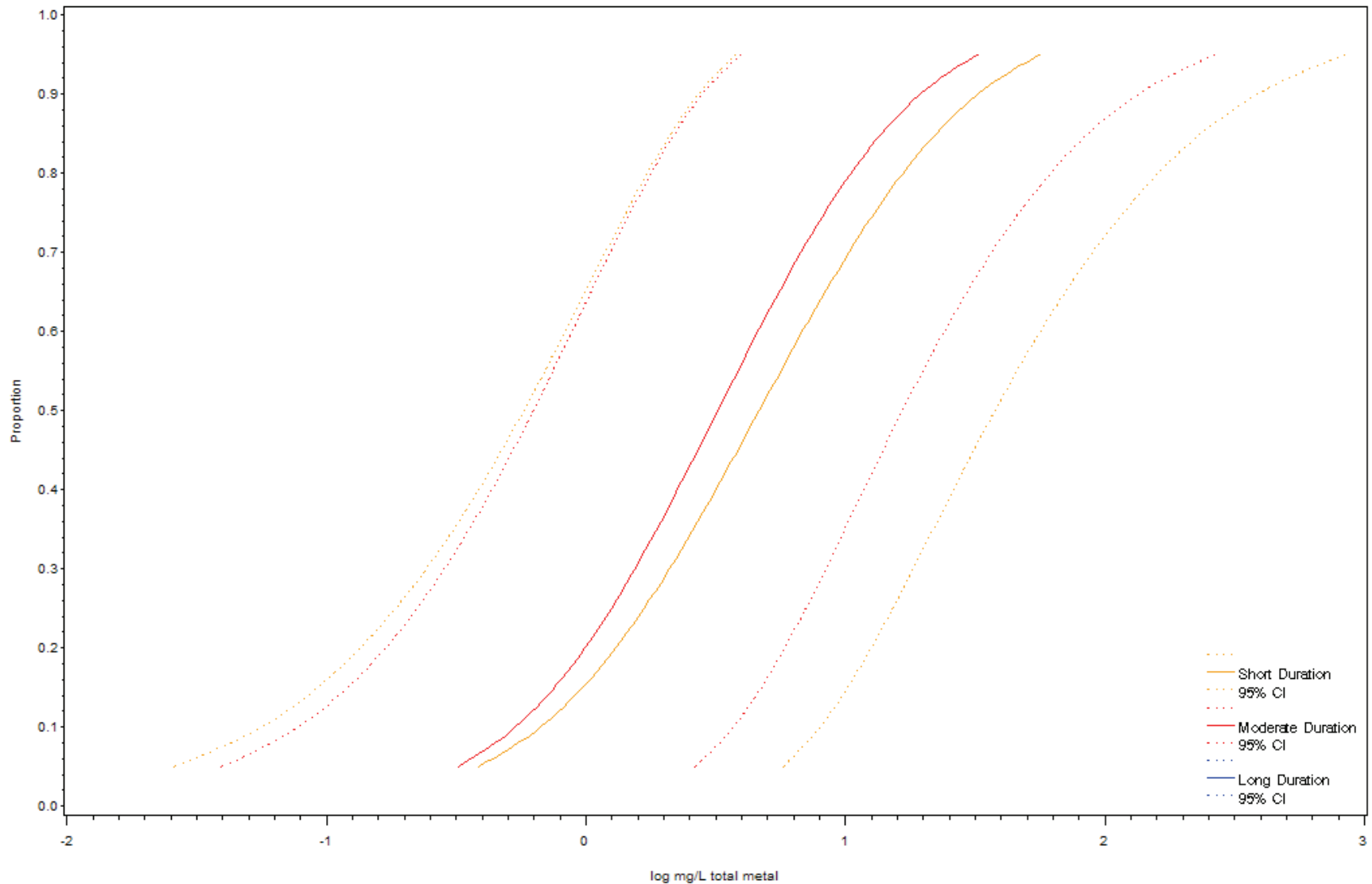
### Zinc LC50 SSDs - comparing exposure duration for Invertebrate species at T<=15C in soft water



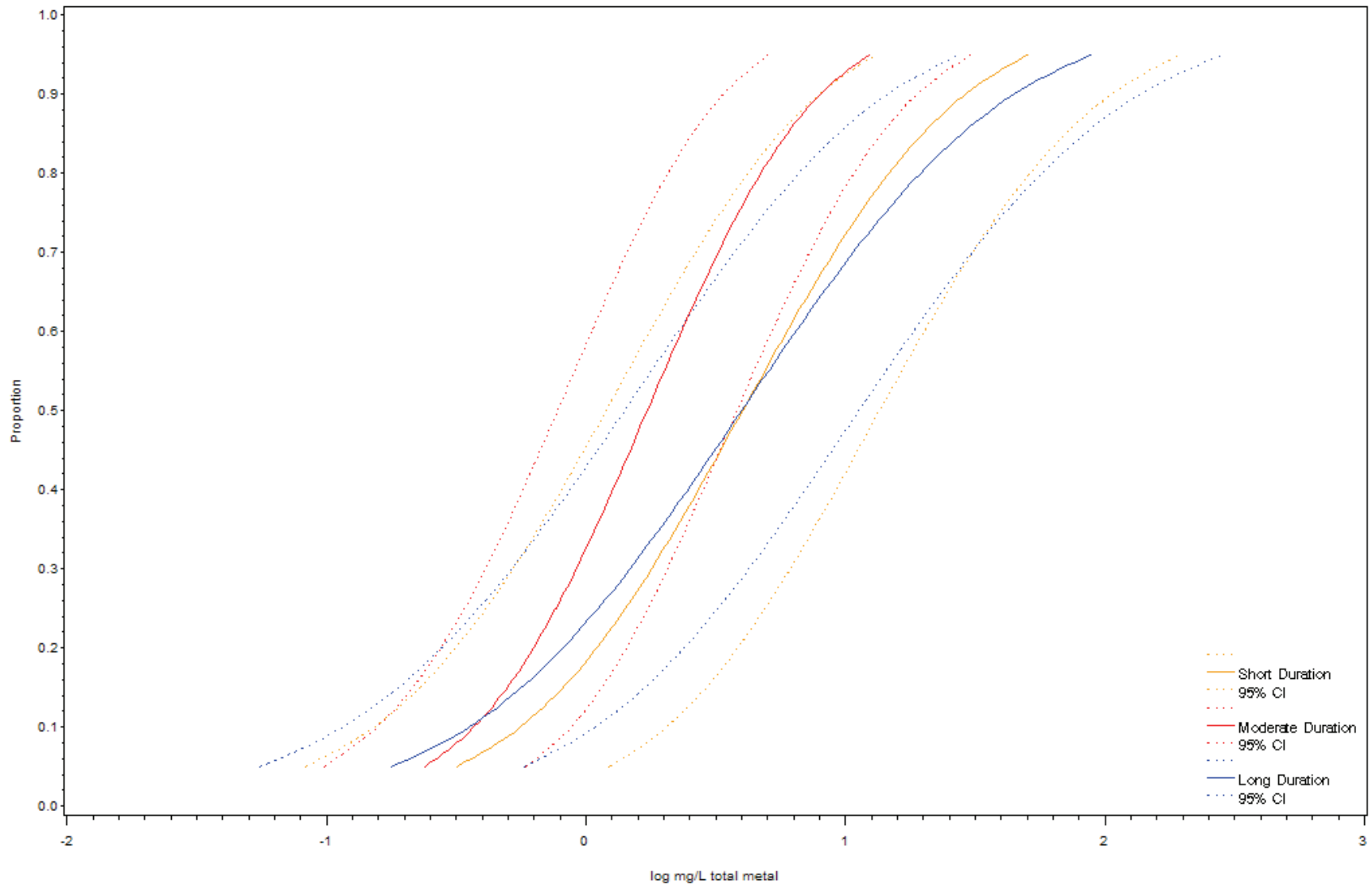
Zinc LC50 SSDs - comparing exposure duration  
for Invertebrate species at T>15C in soft water



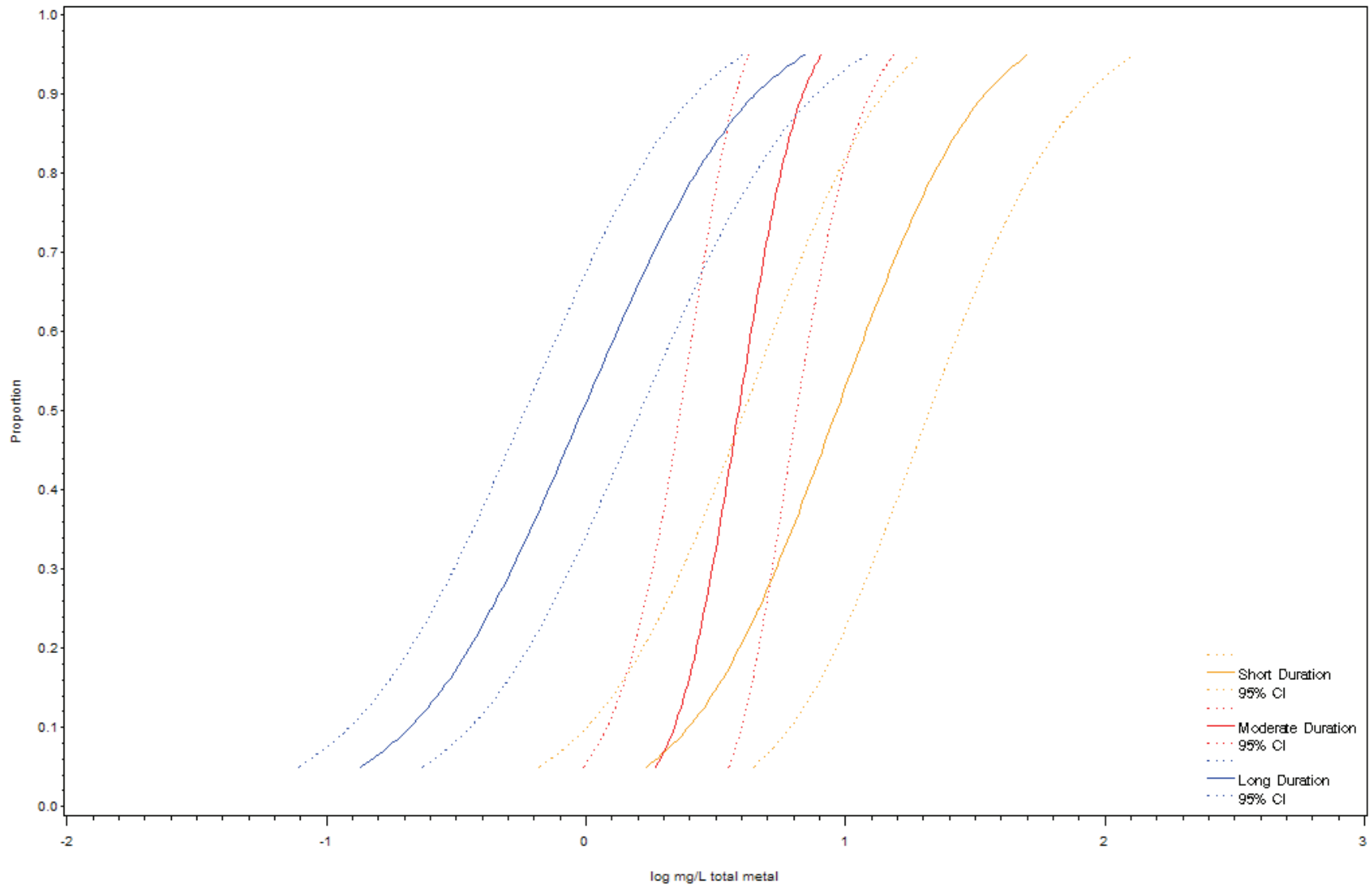
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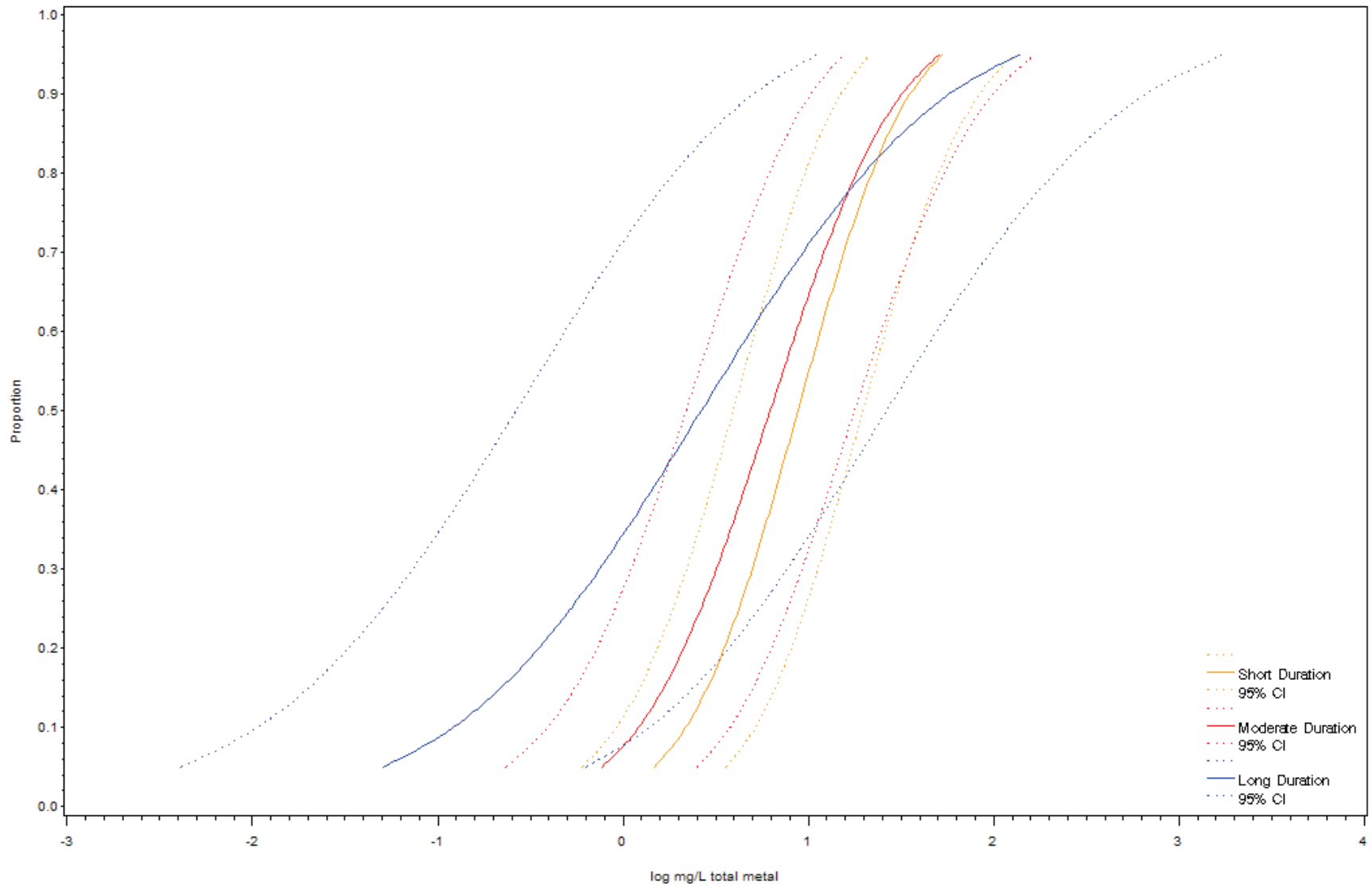
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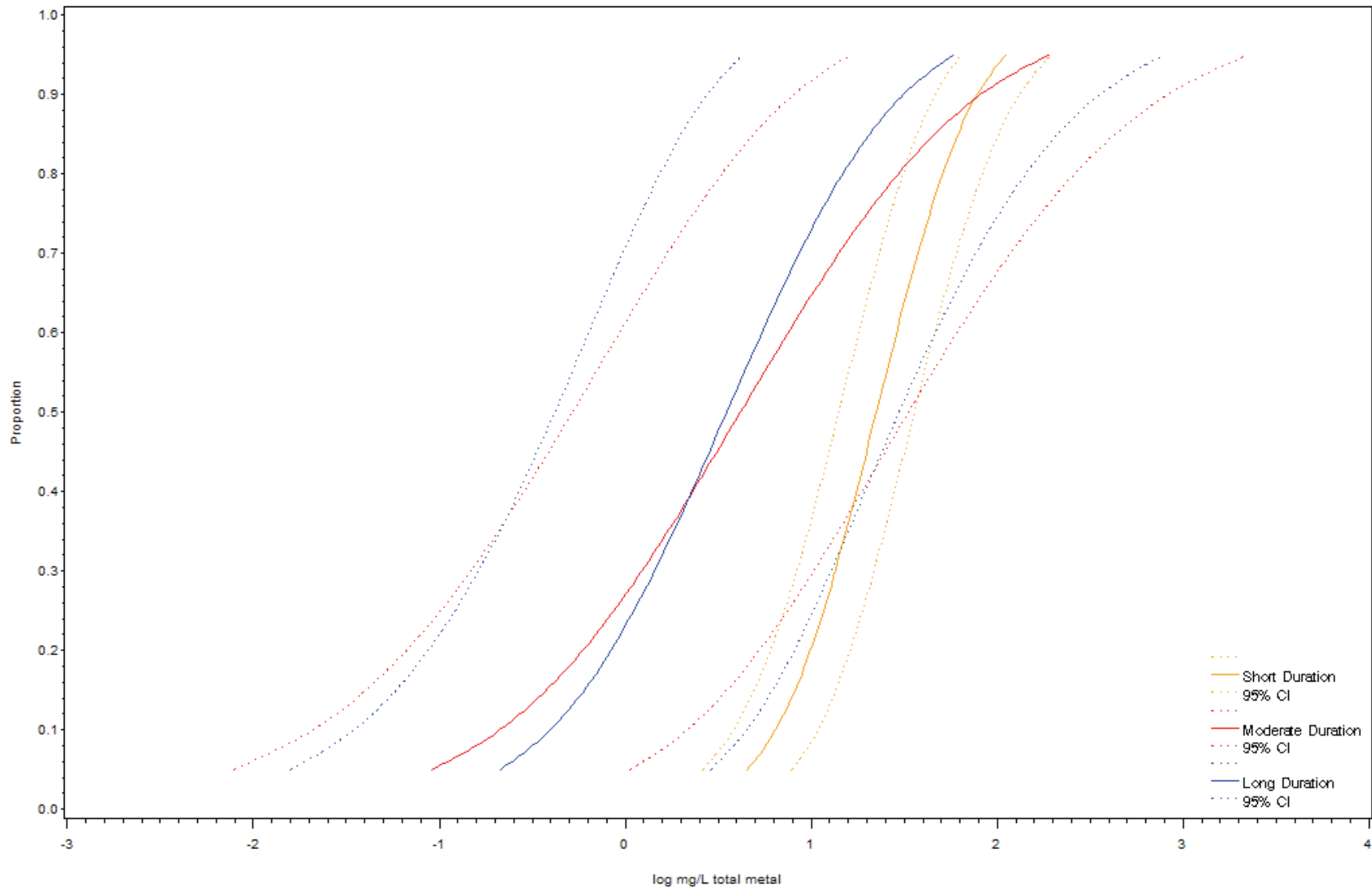
### Zinc LC50 SSDs - comparing exposure duration for Vertebrate species at T<=15C in soft water



### Zinc LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in soft water

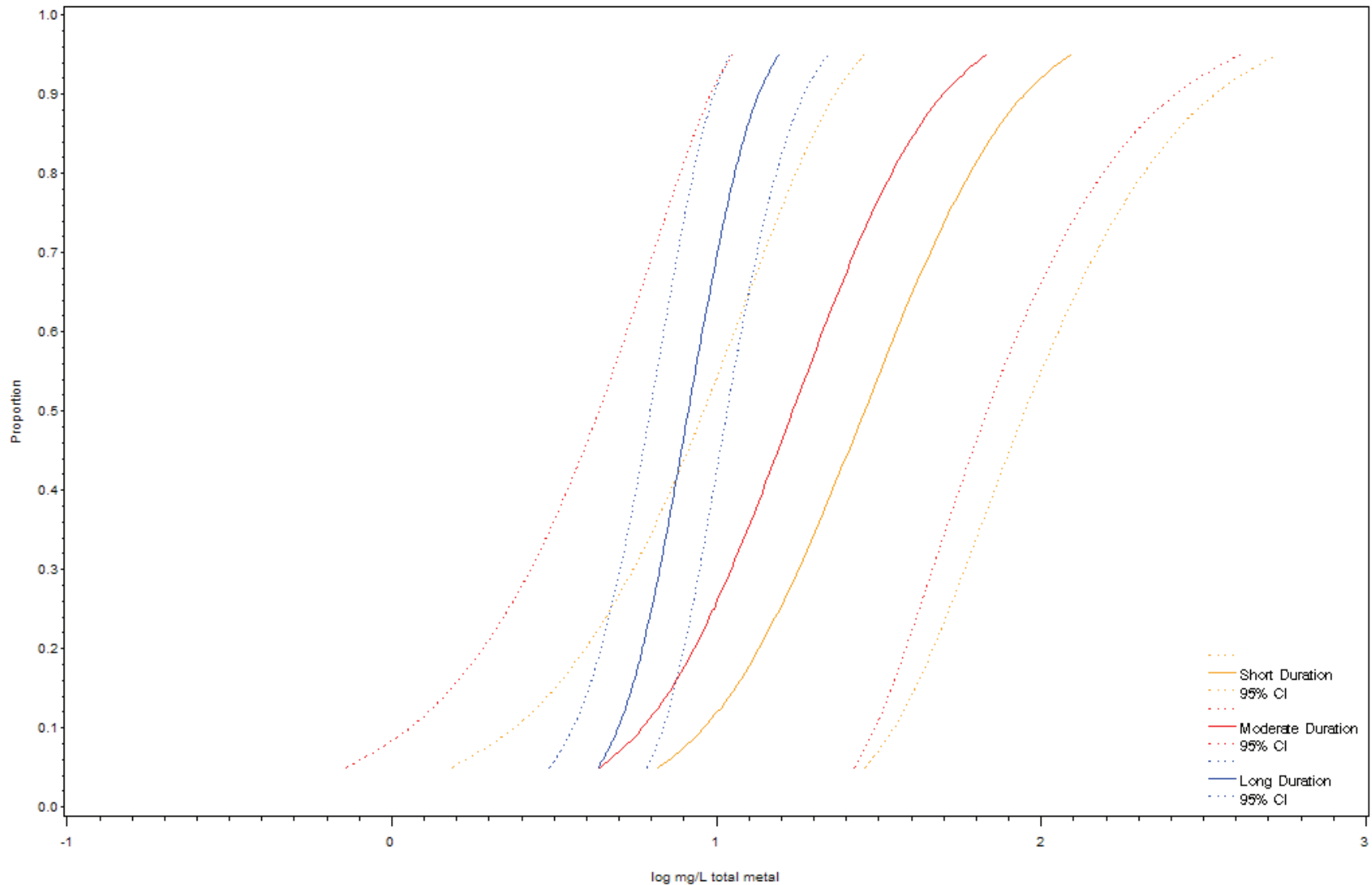


### Zinc LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in very hard water

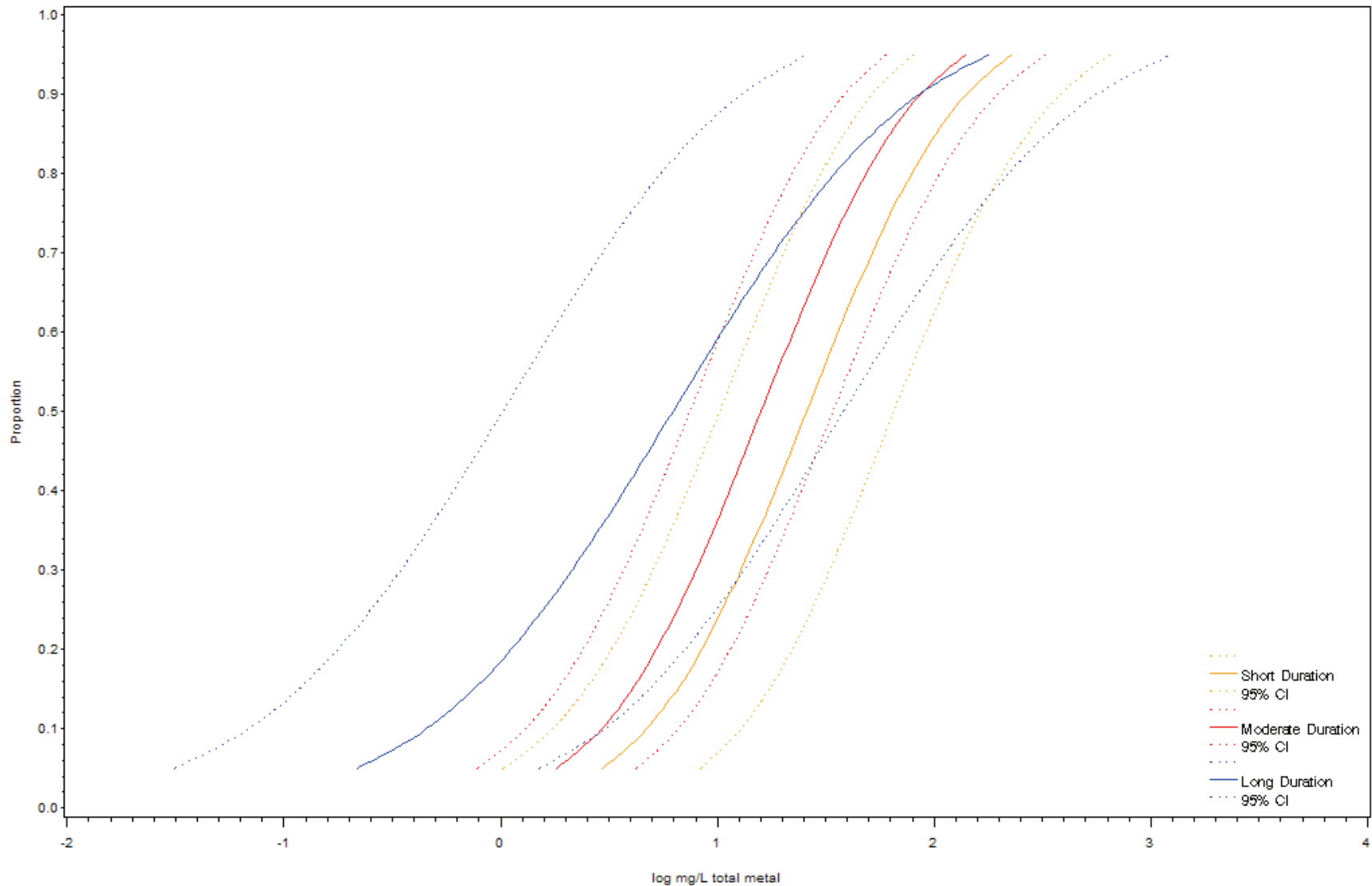




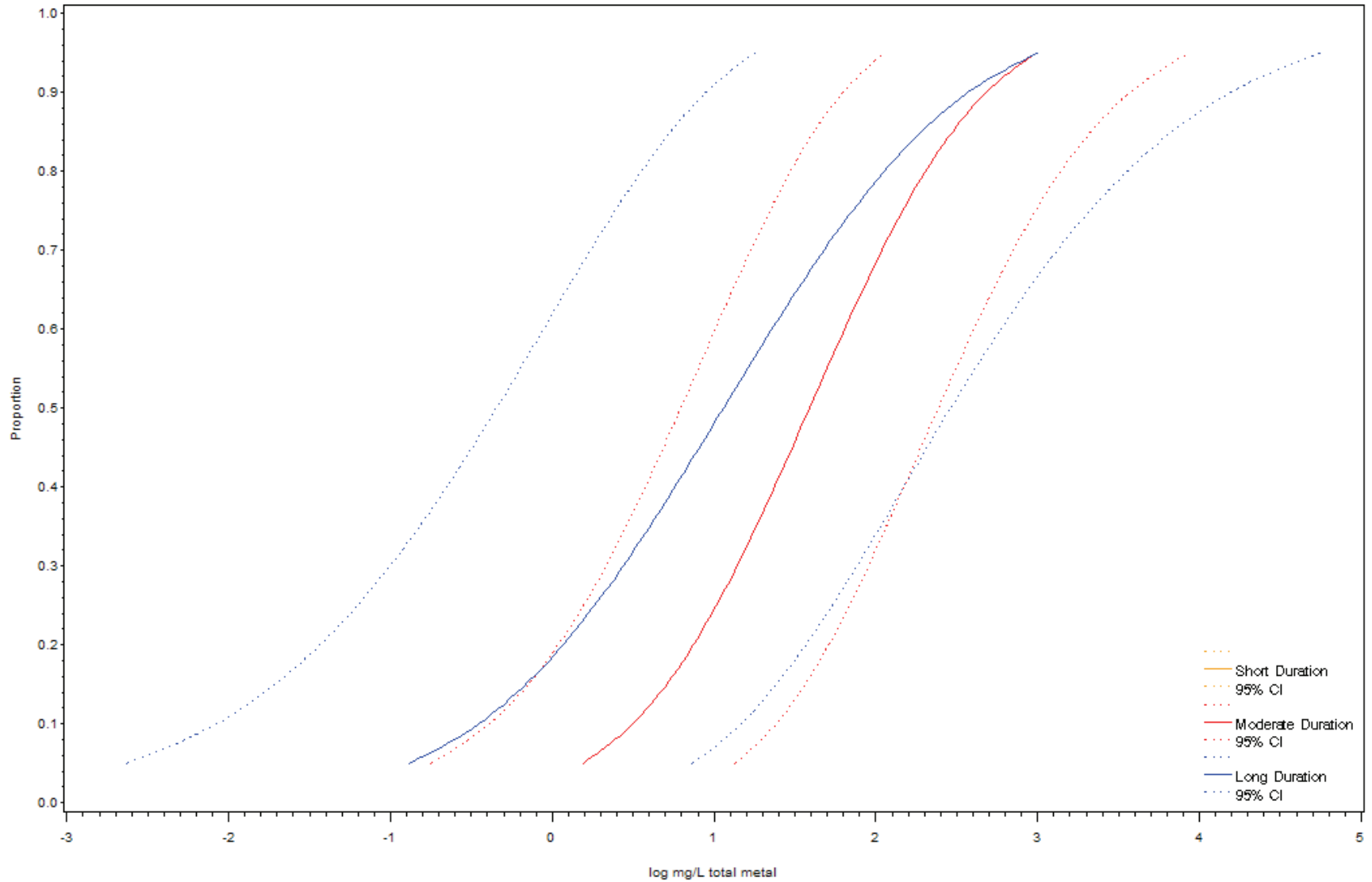
### Zinc LC50 SSDs - comparing exposure duration for Non-Arthropod Invertebrate species at T>15C in very hard water



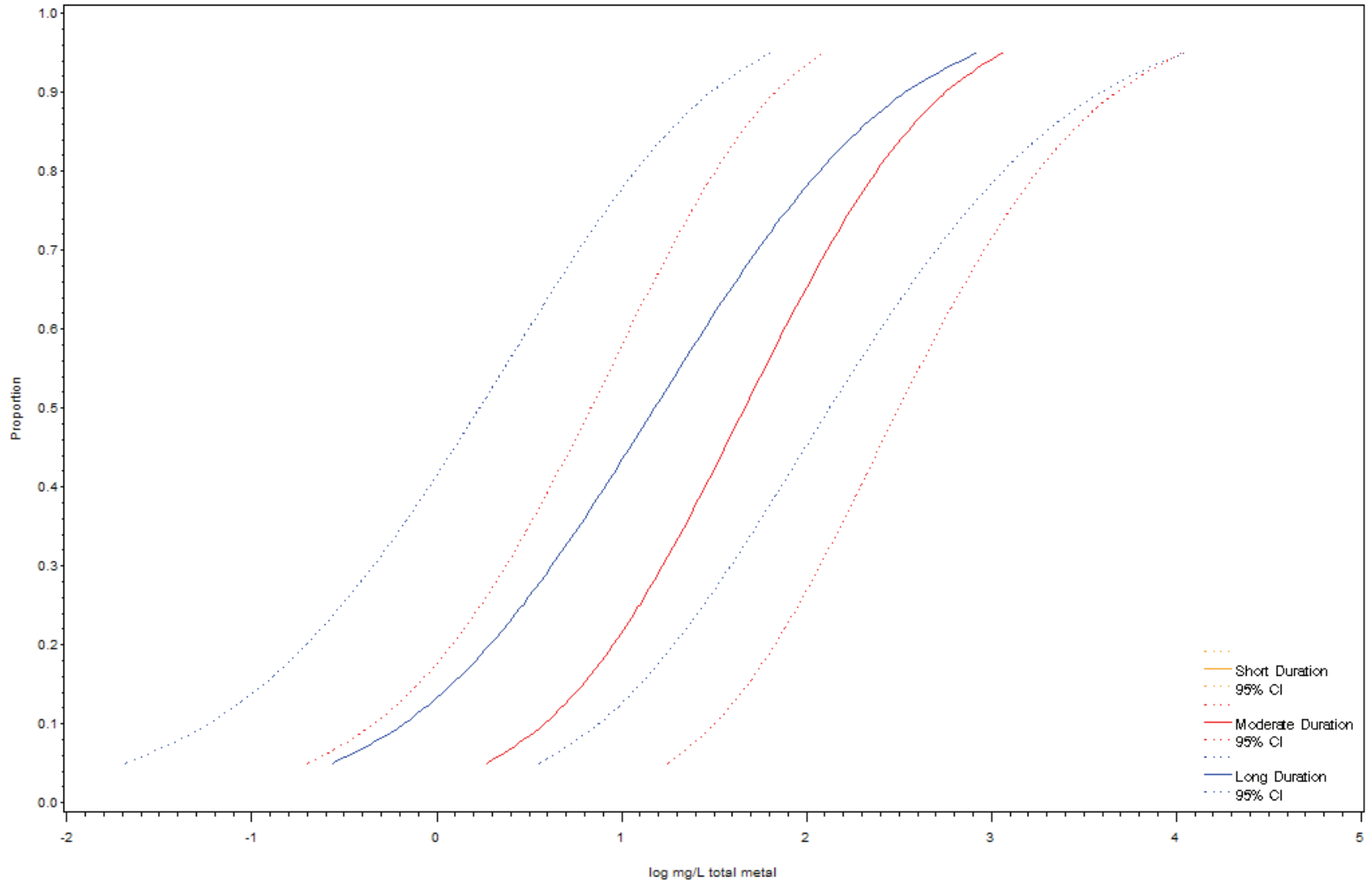
### Zinc LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in very hard water



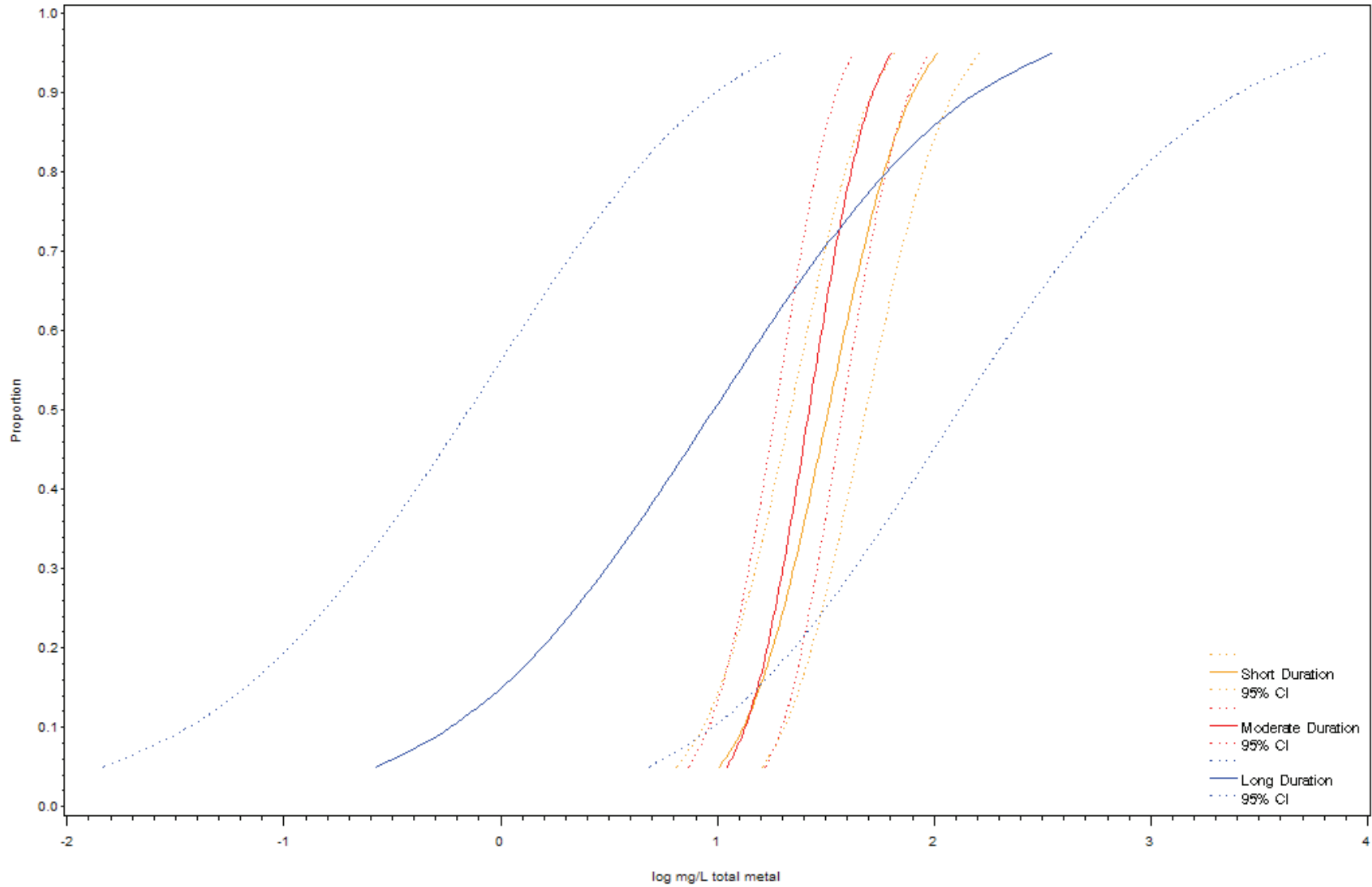
### Arsenic LC50 SSDs - comparing exposure duration for Arthropod species at T>15C in water



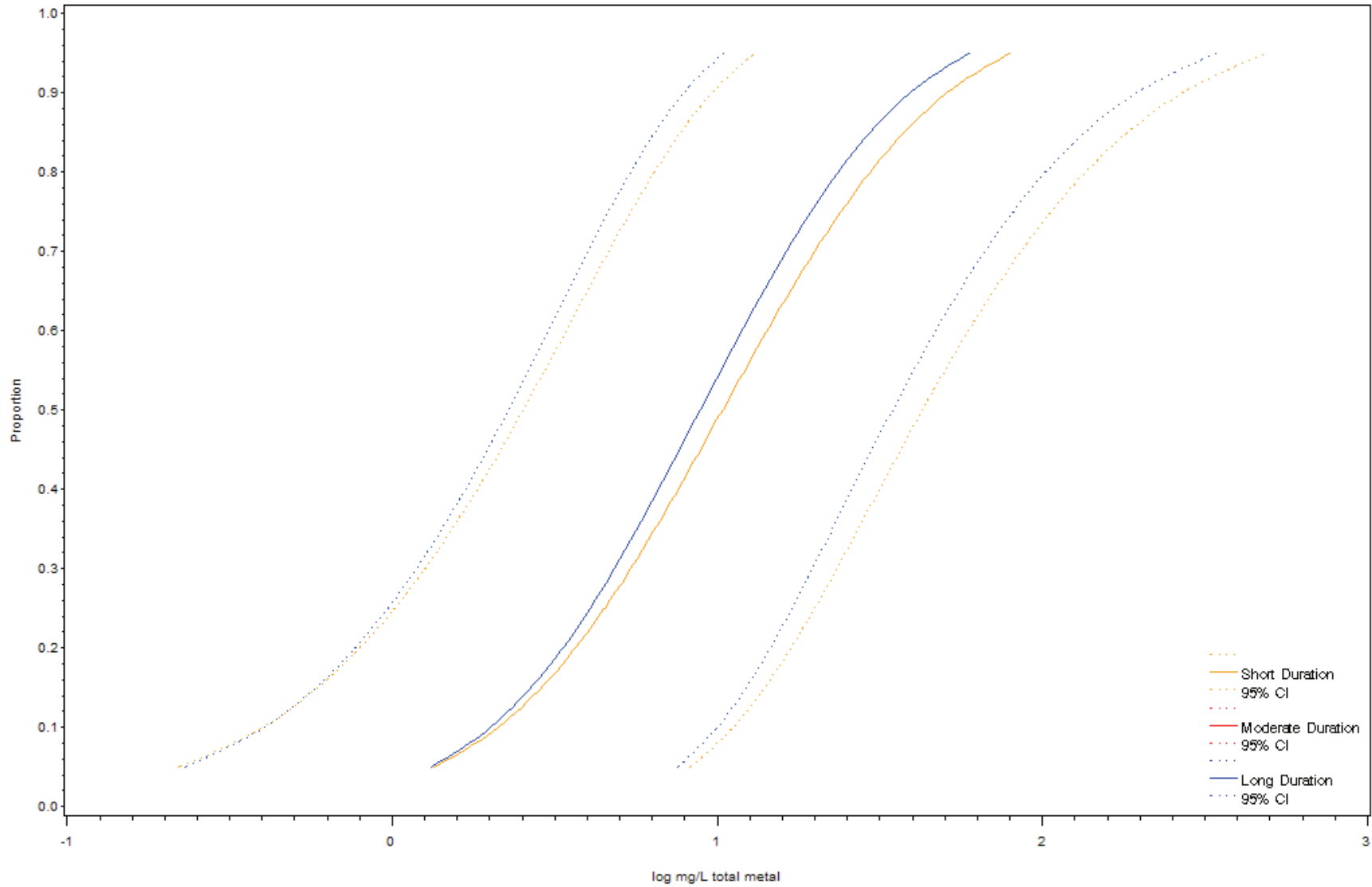
### Arsenic LC50 SSDs - comparing exposure duration for Invertebrate species at T>15C in water



### Arsenic LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in water



### Cadmium LC50 SSDs - comparing exposure duration for Vertebrate species at T>15C in hard water



### Cadmium LC50 SSDs - comparing exposure duration for Arthropod species at T>15C in moderately hard water

