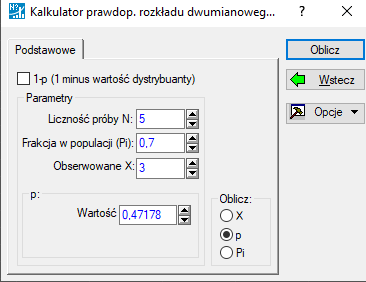
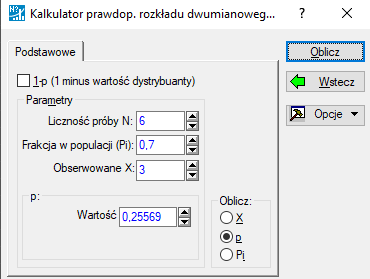
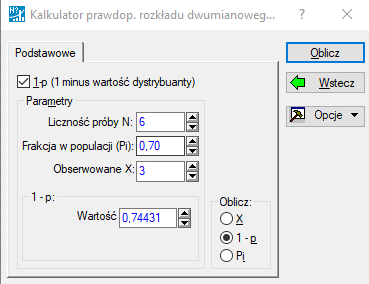
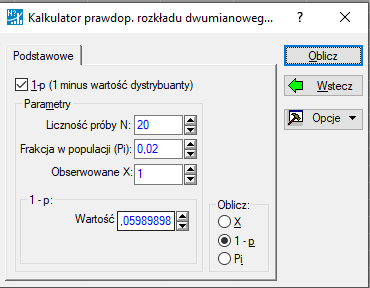
Cw 2.   
Zadania 1(a)  
Statystyka > Analiza mocy testu > rozkłady prawdopodobieństwa > rozkład dwumianowy  


Zadania 1(b)  


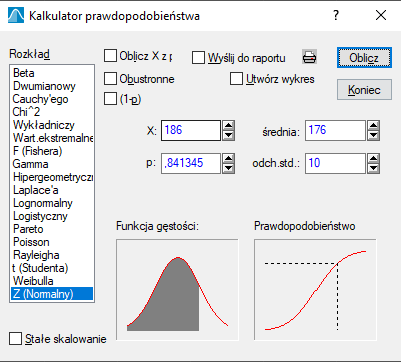
Zadania 1(c)



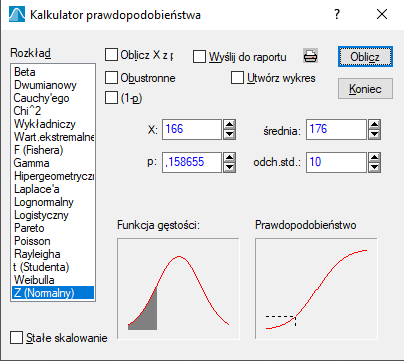
Zadania 2  


Zadania 3(a)

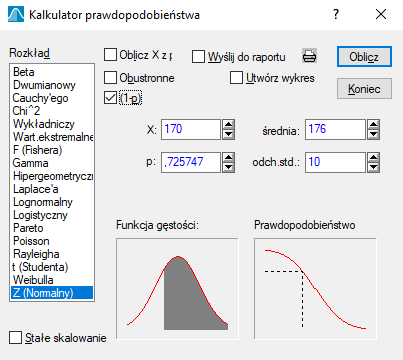
Statystyka > kalkulator prawdopodobieństwa > Rozkłady > Z (Normalny)



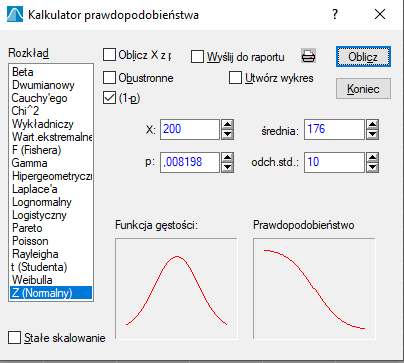
Zadania 3(b)



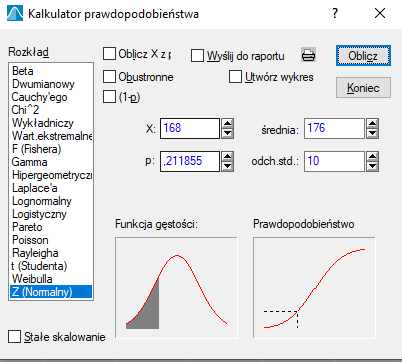
Zadania 3(c)

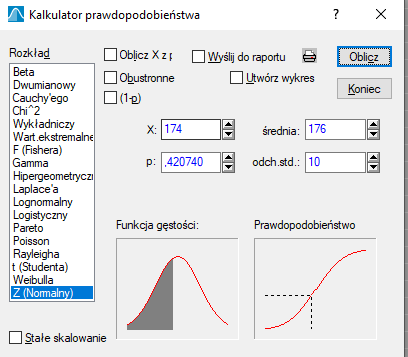


Zadania 3(d)

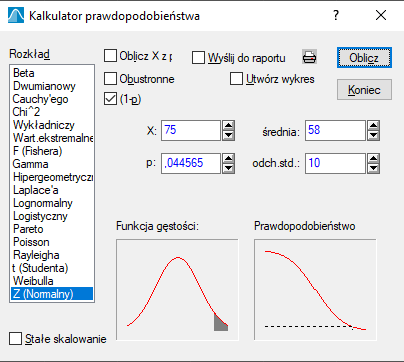


Zadania 3(e)

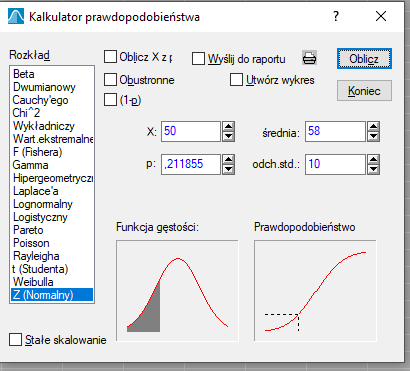
  
  
minus



Zadania 4(a)



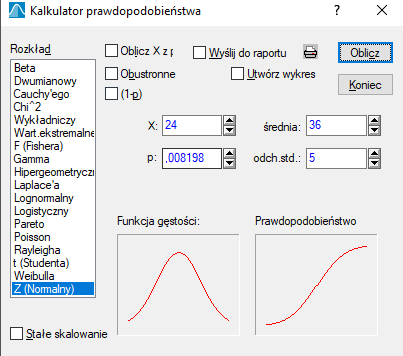
Zadania 4(b)

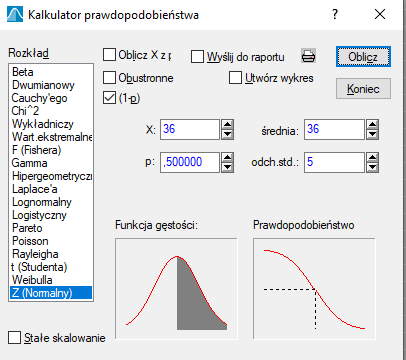


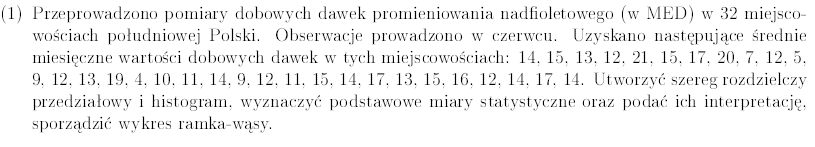
Zadania 4(c)

Zadania 4(d)

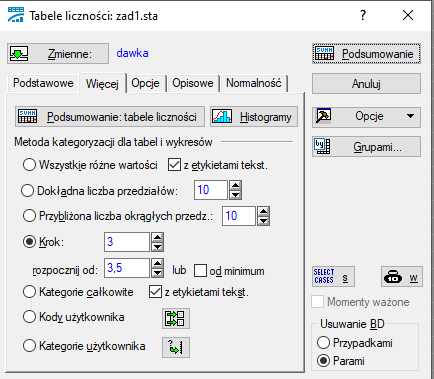
Zadania 5(a)

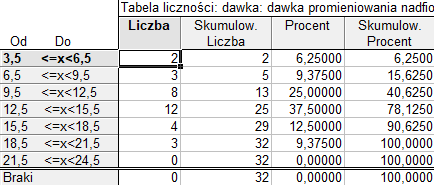


Zadania 5(b)  


**Zajęcia numer 3  
  
**

Statystyka -> statystyki podstawowe i tabele -> tabele liczności

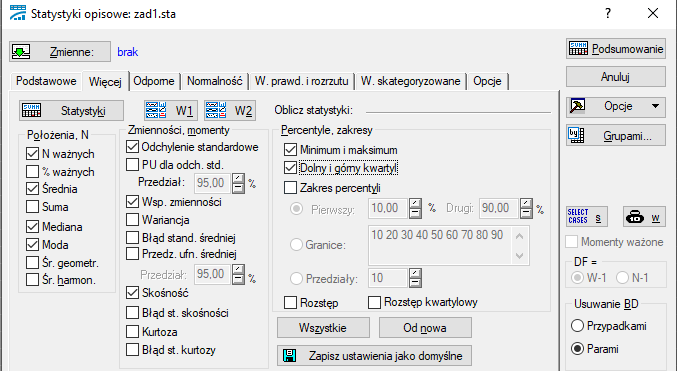


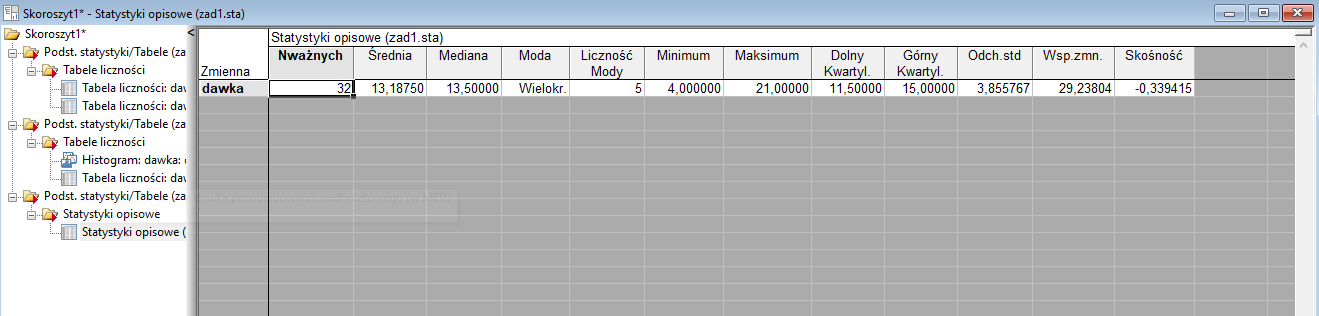


**Dodania do raportu**



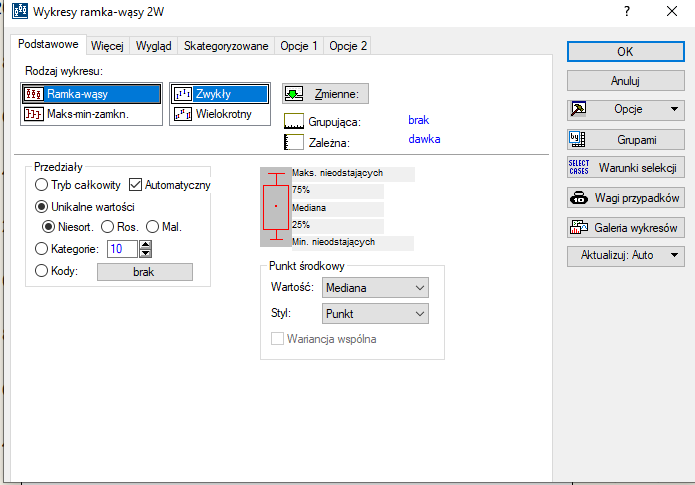
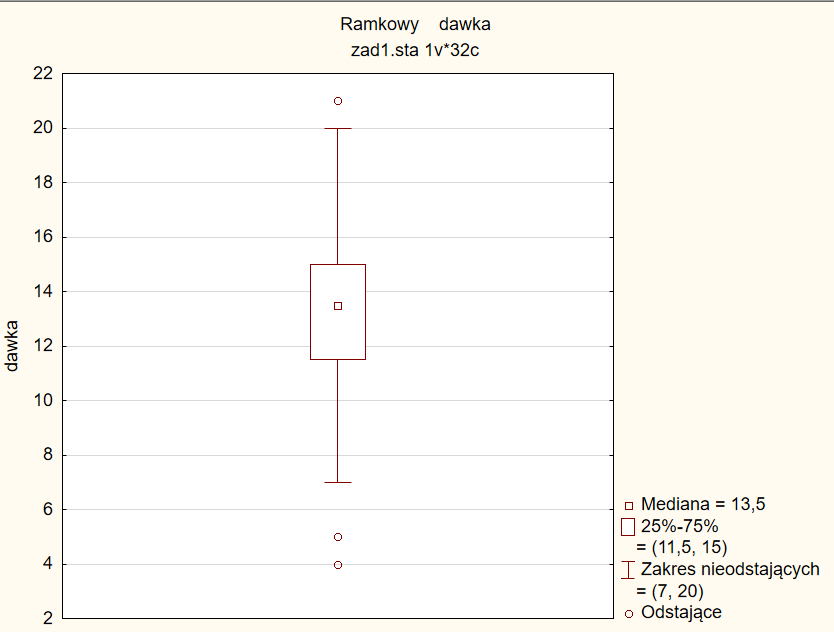
Statystyka -> statystyki podstawowe i tabele -> Stastyki opisowe

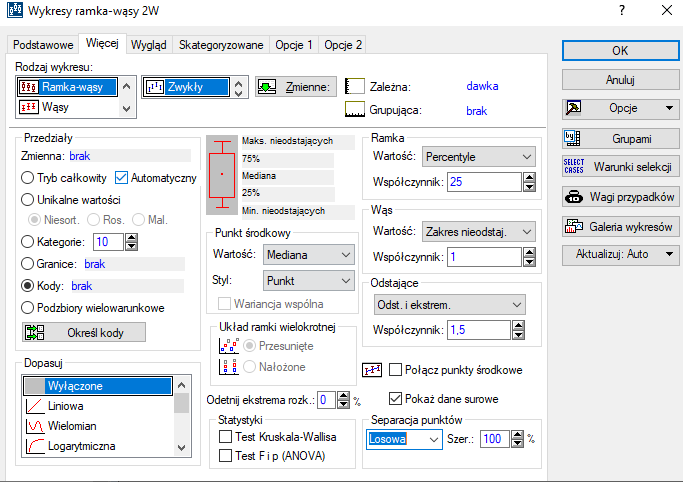
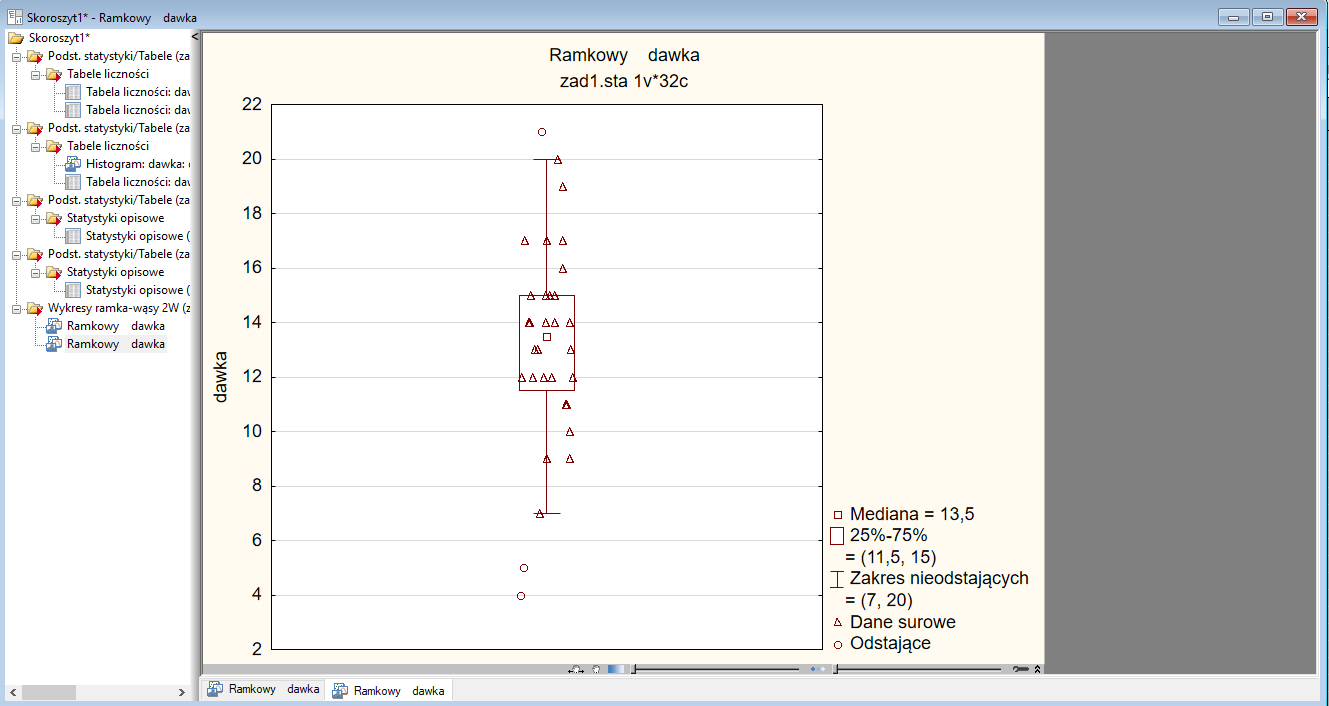


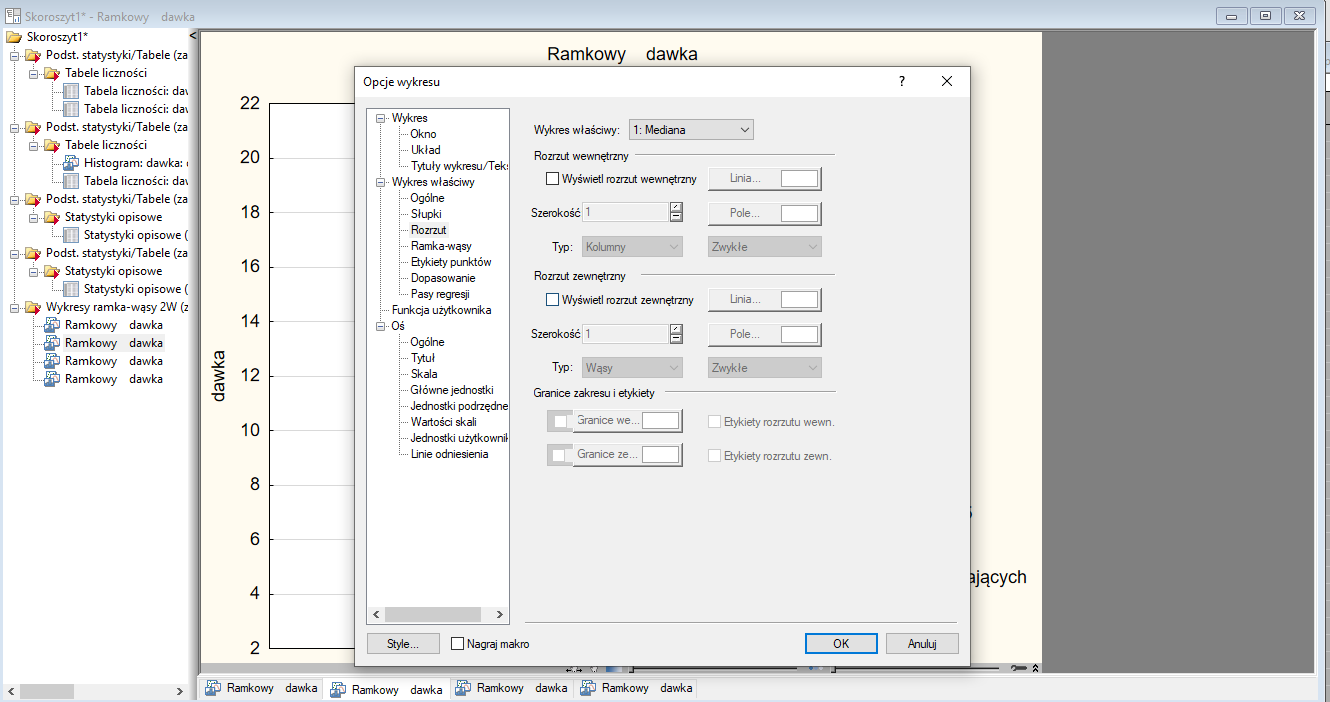


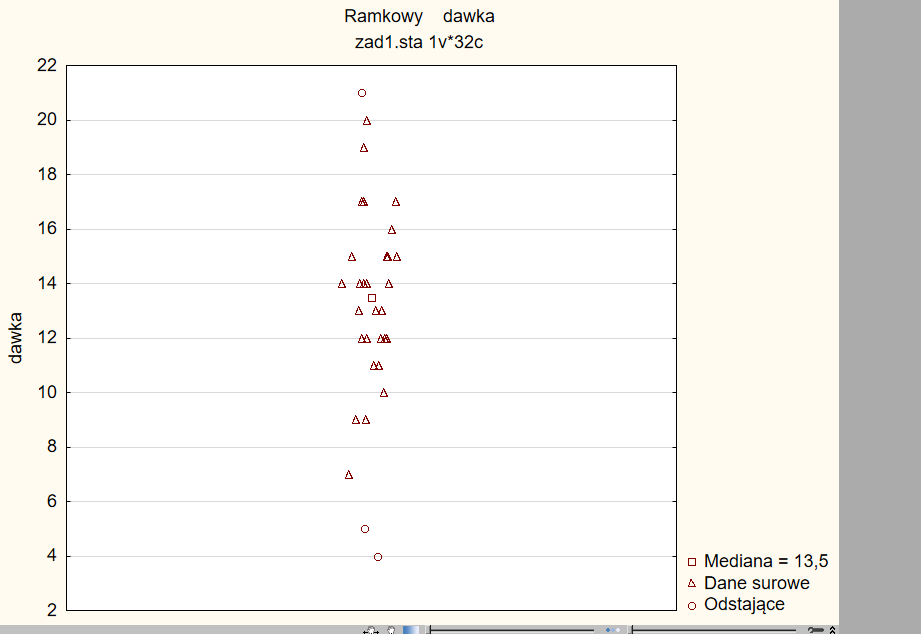
**Wykresy ramka-wąsy**

Wykresy -> wykresy 2W -> Wykresy ramka-

wąsy



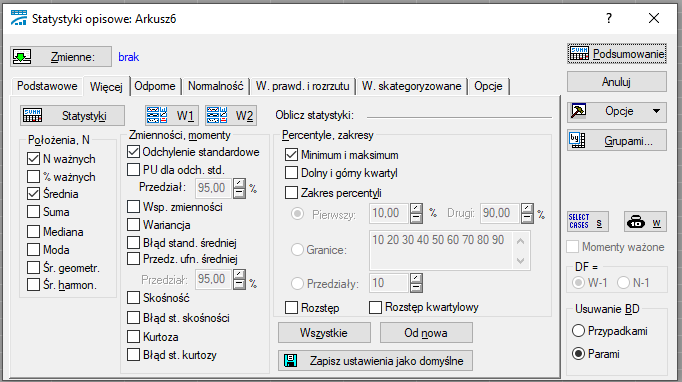




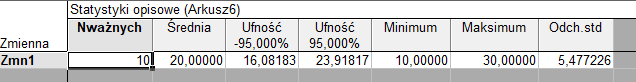
**Zajecia 4**  
  
zad 2.(plik ćwiczenia 3-4)

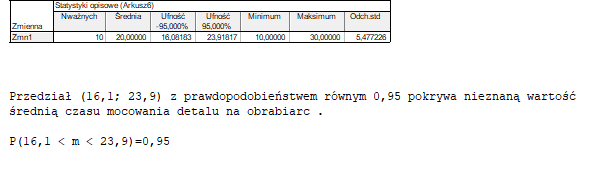
Statystyka > statystykę podstawowe i tabele > Statystyke opisowe



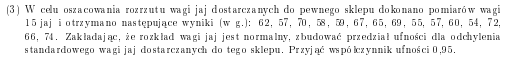


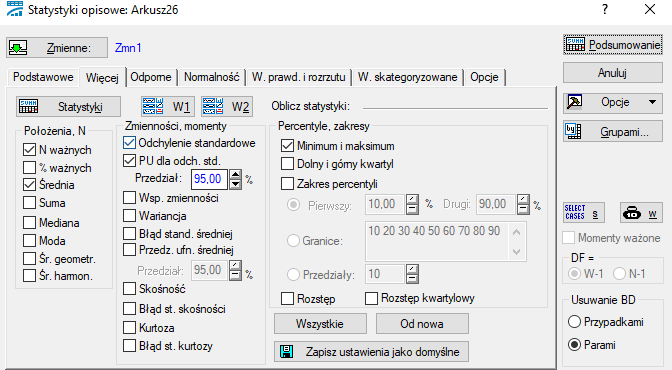
**Wynik :**

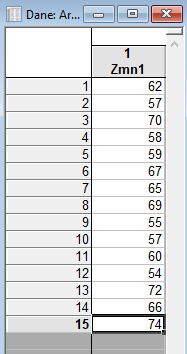


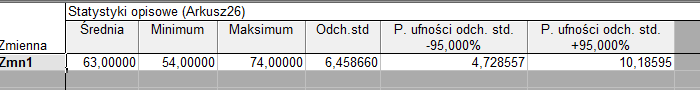
**Wynik w raporcie:**  


**Zad 3.**

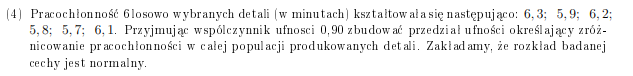


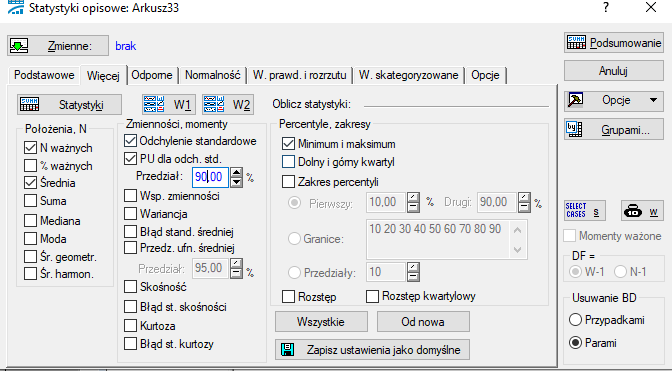


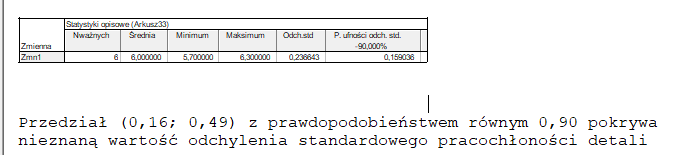
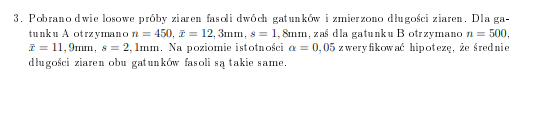
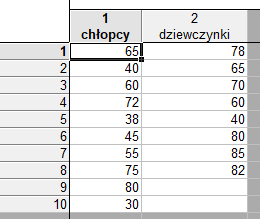
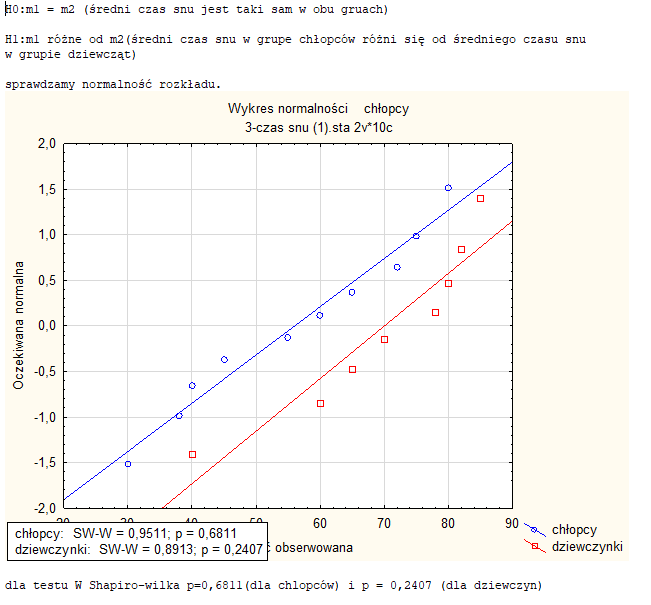


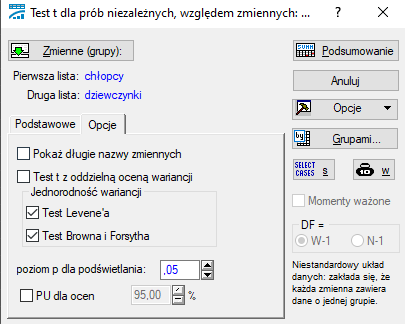
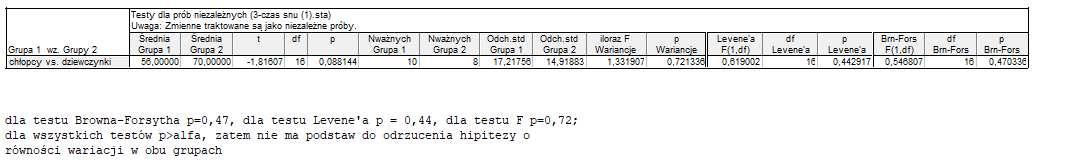
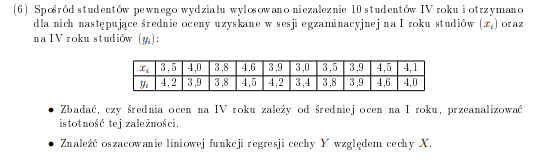


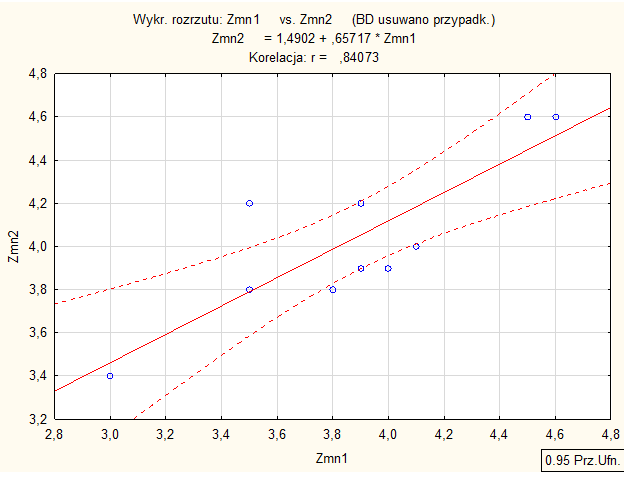
Zad 4.



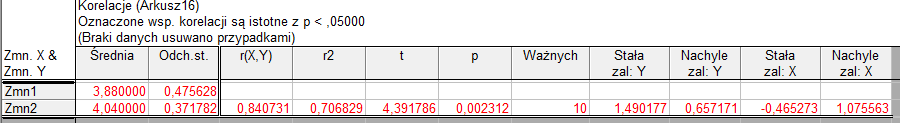
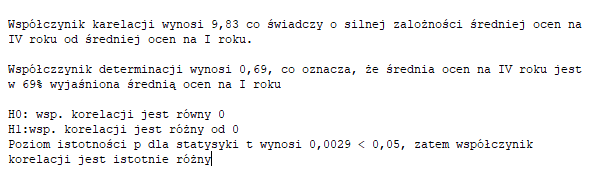
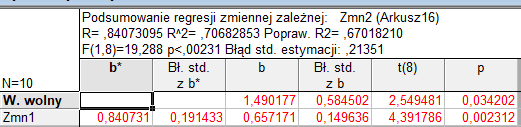
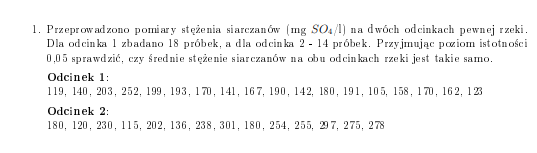
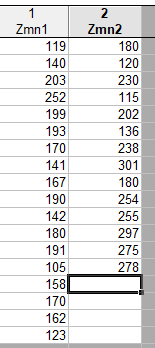


  
  
  
  
  
**Zajęcia 5- 6**   
  
  
  
  
Wykresy -> wykresy 2W -> Wykresy normalności -> Shapiro wilka   
  
  
(m1 < m2)  
można sprawdzić jaki wstawiamy znak w sposób wyliczenia średniej. W tym przypadku to dziewczyny śpią dłużej i dla tago wstawiamy że (m1 < m2)  


**To robimy dla sprawdzenia jednorodności (dotyczy zadania 3)**  
  
  
  
    
  
  
  
  
  
  
  
  
  
  
  
  


Statystyka -> Statystyka podstawowe i tabele -> Macierz korelacji -> Wiecej -> 2W rozrzutu  
  
  


Statystyka -> Statystyka podstawowe i tabele -> Macierz korelacji -> Opcje (zaznaczyć: Wyświelt dokładną tabele wyników)

  
  
  
  
  
  
  
Statystyka -> Regrasja Wieloraka-> Zmiene -> OK -> OK-> Podsumuwania   
  
  
  
  
**Zajęcia 6  
**