

LAMPIRAN N

PERHITUNGAN PERSENTIL

- 1. PANTAT POPLITEAL (PPO)**
- 2. TINGGI POPLITEAL (TPO)**
- 3. TINGGI BAHU DUDUK (TBD)**
- 4. TINGGI SIKU DUDUK (TSD)**
- 5. LEBAR BAHU (LB)**
- 6. TINGGI MATA DUDUK (TMD)**
- 7. LEBAR PINGGUL (LP)**
- 8. LEBAR SANDARAN (LS)**
- 9. TEBAL PAHA (TP)**
- 10. RENTANGAN TANGAN (RT)**
- 11. PANJANG LENGAN BAWAH (PLB)**

N.1. Pantat Popliteal (PPO)

- Persentil minimum

$$\begin{aligned}P_5 &= \bar{x} - 1.645\sigma_x \\ &= 49.0605 - (1.645 \times 4.382364) \\ &= 41.9\end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 49.1$$

- Persentil maksimum

$$\begin{aligned}P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 49.0605 + (1.645 \times 4.382364) \\ &= 56.3\end{aligned}$$

N.2. Tinggi Popliteal (TPO)

- Persentil minimum

$$\begin{aligned}P_5 &= \bar{x} - 1.645\sigma_x \\ &= 41.1475 - (1.645 \times 2.63118) \\ &= 36.8\end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 41.1$$

- Persentil maksimum

$$\begin{aligned}P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 41.1475 + (1.645 \times 2.63118) \\ &= 45.5\end{aligned}$$

N.3. Tinggi Bahu Duduk (TBD)

- Persentil minimum

$$\begin{aligned}P_5 &= \bar{x} - 1.645\sigma_x \\ &= 59.1505 - (1.645 \times 2.878546) \\ &= 54.4\end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 59.2$$

- Persentil maksimum

$$\begin{aligned} P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 59.1505 + (1.645 \times 2.878546) \\ &= 63.9 \end{aligned}$$

N.4. Tinggi Siku Duduk (TSD)

- Persentil minimum

$$\begin{aligned} P_5 &= \bar{x} - 1.645\sigma_x \\ &= 22.13 - (1.645 \times 3.792866) \\ &= 15.9 \end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 22.1$$

- Persentil maksimum

$$\begin{aligned} P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 22.13 + (1.645 \times 3.792866) \\ &= 28.4 \end{aligned}$$

N.5. Lebar Bahu (LB)

- Persentil minimum

$$\begin{aligned} P_5 &= \bar{x} - 1.645\sigma_x \\ &= 41.4255 - (1.645 \times 4.73417) \\ &= 33.6 \end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 41.4$$

- Persentil maksimum

$$\begin{aligned} P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 41.4255 + (1.645 \times 4.73417) \\ &= 49.2 \end{aligned}$$

N.6. Tinggi Mata Duduk (TMD)

- Persentil minimum

$$\begin{aligned}P_5 &= \bar{x} - 1.645\sigma_x \\ &= 75.1705 - (1.645 \times 4.914943) \\ &= 67.1\end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 75.2$$

- Persentil maksimum

$$\begin{aligned}P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 75.1705 + (1.645 \times 4.914943) \\ &= 83.3\end{aligned}$$

N.7. Lebar Pinggul (LP)

- Persentil minimum

$$\begin{aligned}P_5 &= \bar{x} - 1.645\sigma_x \\ &= 36.2815 - (1.645 \times 3.513135) \\ &= 30.5\end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 36.3$$

- Persentil maksimum

$$\begin{aligned}P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 36.2815 + (1.645 \times 3.513135) \\ &= 42.1\end{aligned}$$

N.8. Lebar Sandaran (LS)

- Persentil minimum

$$\begin{aligned}P_5 &= \bar{x} - 1.645\sigma_x \\ &= 17.7265 - (1.645 \times 2.261686) \\ &= 14.0\end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 17.7$$

- Persentil maksimum

$$\begin{aligned} P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 17.7265 + (1.645 \times 2.261686) \\ &= 21.4 \end{aligned}$$

N.9. Tebal Paha (TP)

- Persentil minimum

$$\begin{aligned} P_5 &= \bar{x} - 1.645\sigma_x \\ &= 13.933 - (1.645 \times 2.009203) \\ &= 10.6 \end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 13.9$$

- Persentil maksimum

$$\begin{aligned} P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 13.933 + (1.645 \times 2.009203) \\ &= 17.2 \end{aligned}$$

N.10. Rentangan Tangan (RT)

- Persentil minimum

$$\begin{aligned} P_5 &= \bar{x} - 1.645\sigma_x \\ &= 163.785 - (1.645 \times 8.303845) \\ &= 150.1 \end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 163.8$$

- Persentil maksimum

$$\begin{aligned} P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 163.785 + (1.645 \times 8.303845) \\ &= 177.4 \end{aligned}$$

N.11. Panjang Lengan Bawah (PLB)

- Persentil minimum

$$\begin{aligned}P_5 &= \bar{x} - 1.645\sigma_x \\ &= 25.729 - (1.645 \times 2.683742) \\ &= 21.3\end{aligned}$$

- Persentil rata-rata

$$P_{50} = \bar{x} = 25.7$$

- Persentil maksimum

$$\begin{aligned}P_{95} &= \bar{x} + 1.645\sigma_x \\ &= 25.729 + (1.645 \times 2.683742) \\ &= 30.1\end{aligned}$$