ERRATA

STRONA	JEST	POWINNO BYĆ
35	$s = \dfrac{\sum_{i=1}^{n} \left(x_i - \overline{x}\right)^2}{n-1}$	$s^2 = \dfrac{\sum_{i=1}^{n} \left(x_i - \overline{x}\right)^2}{n-1}$
42	$\overline{x} - \dfrac{-\alpha t_{(n-1)} \cdot s}{\sqrt{n}} < \mu < \overline{x} + \dfrac{\alpha t_{(n-1)} \cdot s}{\sqrt{n}}$	$\overline{x} - \dfrac{\alpha t_{(n-1)} \cdot s}{\sqrt{n}} < \mu < \overline{x} + \dfrac{\alpha t_{(n-1)} \cdot s}{\sqrt{n}}$
43	136+6 mmHg.	136±6 mmHg.
46	$P\left\{p - \alpha u \sqrt{\dfrac{p(1-p)}{n}} < \Pi < p + \alpha u \sqrt{\dfrac{p(1-p)}{n}}\right\} = 1 - \alpha$	$P\left\{p - \alpha u \sqrt{\dfrac{p(1-p)}{n}} < \Pi < p + \alpha u \sqrt{\dfrac{p(1-p)}{n}}\right\} = 1 - \alpha$
46	$\alpha u \cdot \sqrt{\dfrac{p(1-p)}{n}} = 0{,}073 \approx 0{,}07$	$\alpha u \cdot \sqrt{\dfrac{p(1-p)}{n}} = 0{,}073 \approx 0{,}07$
59	$s_2 = \dfrac{(n_1 - 1)\, s_1^2 + (n_2 - 1)\, s_2^2}{(n_1 - 1) + (n_2 + 1)}$	$s^2 = \dfrac{(n_1 - 1)\, s_1^2 + (n_2 - 1)\, s_2^2}{(n_1 - 1) + (n_2 + 1)}$
60	$s_z = \sqrt{\dfrac{\sum (z_i - \overline{z})^2}{n-1}}$	$s_z = \sqrt{\dfrac{\sum (z_i - \overline{z})^2}{n-1}}$
60	$u = \dfrac{\overline{x}_1 - \overline{x}_2}{\sqrt{\dfrac{s_1^2}{n_1} + \dfrac{s_2^2}{n_2}}}$	$u = \dfrac{\overline{x}_1 - \overline{x}_2}{\sqrt{\dfrac{s_1^2}{n_1} + \dfrac{s_2^2}{n_2}}}$
60	$t = \dfrac{\overline{x}_1 - \overline{x}_2}{\sqrt{\dfrac{s_1^2}{n_1} + \dfrac{s_2^2}{n_2}}}$	$t = \dfrac{\overline{x}_1 - \overline{x}_2}{\sqrt{\dfrac{s_1^2}{n_1} + \dfrac{s_2^2}{n_2}}}$
60	$\nu = \dfrac{\left(\dfrac{s_1^2}{n_1} + \dfrac{s_2^2}{n_2}\right)}{\left(\dfrac{s_1^2}{n_1}\right)^2 \dfrac{1}{n_1 + 1} + \left(\dfrac{s_2^2}{n_2}\right)^2 \dfrac{1}{n_2 + 1}} - 2$	$\nu = \dfrac{\left(\dfrac{s_1^2}{n_1} + \dfrac{s_2^2}{n_2}\right)^2}{\left(\dfrac{s_1^2}{n_1}\right)^2 \dfrac{1}{n_1 + 1} + \left(\dfrac{s_2^2}{n_2}\right)^2 \dfrac{1}{n_2 + 1}} - 2$

ERRATA

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<tr><th>STRONA</th><th>JEST</th><th>POWINNO BYĆ</th></tr>
<tr><td>61</td><td>(2)
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placebo</td></tr>
<tr><td>61</td><td>(4)
placedo</td><td>(4)
placebo</td></tr>
<tr><td>62</td><td>$u = \frac{p - \Pi}{\sqrt{\frac{\Pi_0 (1 - \Pi_0)}{n}}}$</td><td>$u = \frac{p - \Pi_0}{\sqrt{\frac{\Pi_0 (1 - \Pi_0)}{n}}}$</td></tr>
<tr><td>63</td><td>$u = \frac{p_1 - p_2}{\sqrt{\frac{p (1 - p)}{n}}}$</td><td>$u = \frac{p_1 - p_2}{\sqrt{\frac{p (1 - p)}{n}}}$</td></tr>
<tr><td>68</td><td>$t = \frac{5{,}23 - 5{,}18}{\sqrt{0{,}002295}}$</td><td>$t = \frac{5{,}23 - 5{,}18}{\sqrt{0{,}002295}} = 2{,}088$</td></tr>
<tr><td>72</td><td>$\chi^2 = \frac{(ad - bc)^2}{r_1 r_2 s_1 s_2}$</td><td>$\chi^2 = \frac{(ad - bc)^2 N}{r_1 r_2 s_1 s_2}$</td></tr>
<tr><td>72</td><td>$\chi_c^2 = \sum \frac{(|ad - bc| - \frac{1}{2} N)^2 N}{r_1 r_2 s_1 s_2}$</td><td>$\chi_c^2 = \frac{(|ad - bc| - \frac{1}{2} N)^2 N}{r_1 r_2 s_1 s_2}$</td></tr>
<tr><td>78</td><td>$r_p = \sqrt{\frac{2 (ad - bc)^2}{r_1 r_2 s_1 s_2 + (ad - bc)^2}}$</td><td>$r_p = \sqrt{\frac{(ad - bc)^2}{r_1 r_2 s_1 s_2 + (ad - bc)^2}}$</td></tr>
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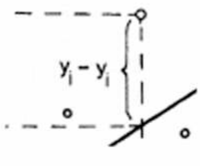
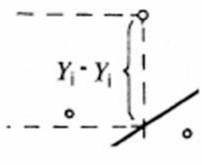
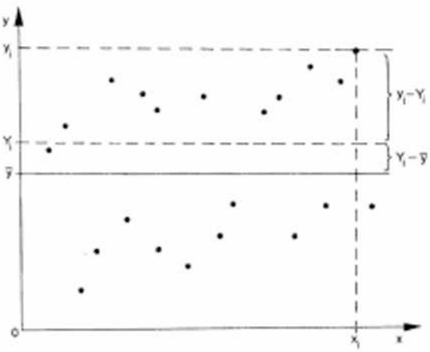
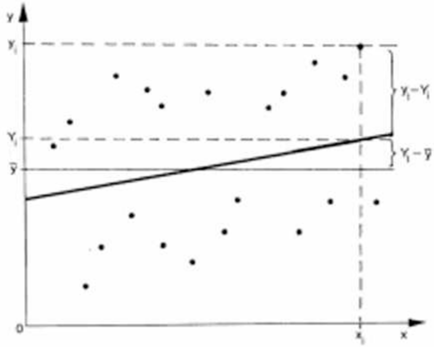
ERRATA

STRONA	JEST	POWINNO BYĆ
80	(Razem)	(Razem) O E O – E
80	357 319 338 338 19 –10	357 319 338 338 19 –19
83	k r_k $n_k - r_k$ n_k p_k	k wszystkie słupy r_k R $n_k - r_k$ N - R n_k N p_k $P = \frac{R}{N}$
85	$\chi_1^2 = \frac{N\left(N\sum_{i=1}^{k} r_i x_i - R\sum_{i=1}^{k} n_i x_i\right)}{R\,(N-R)\left[N\sum_{i=1}^{k} n_i x_i^2 - \left(\sum_{i=1}^{k} n_i x_i^2\right)^2\right]}$	$\chi_1^2 = \frac{N\left(N\sum_{i=1}^{k} r_i x_i - R\sum_{i=1}^{k} n_i x_i\right)^2}{R\,(N-R)\left[N\sum_{i=1}^{k} n_i x_i^2 - \left(\sum_{i=1}^{k} n_i x_i\right)^2\right]}$
93	znajdujemyd χ^2	znajdujemy χ^2
102	$y_{ij} - \overline{y} = (y_{ij} - \overline{y}_i) + (\overline{y}_i - \overline{y})^2$	$y_{ij} - \overline{y} = (y_{ij} - \overline{y}_i) + (\overline{y}_i - \overline{y})$
106	$t = \frac{\overline{y}_g - \overline{y}_h}{s_w \sqrt{\frac{1}{n_g} - \frac{1}{n_h}}}$	$t = \frac{\overline{y}_g - \overline{y}_h}{s_w \sqrt{\frac{1}{n_g} + \frac{1}{n_h}}}$

ERRATA

STRONA	JEST	POWINNO BYĆ
112	$s_i^2 = \dfrac{\sum\limits_{i=1}^{n_i} y_{ij}^2 - \dfrac{\left(\sum\limits_{i=1}^{n_i} y_{ij}\right)^2}{n_i}}{n_i - 1}$	$s_i^2 = \dfrac{\sum\limits_{j=1}^{n_i} y_{ij}^2 - \dfrac{\left(\sum\limits_{i=1}^{n_i} y_{ij}\right)^2}{n_i}}{n_i - 1}$
122	$y_{ij1} \cdot y_{ij2}$ $\ldots \cdot y_{ijn}$ T_{ij}	$y_{ij1}\,,\ y_{ij2}$ $\ldots\,,\ y_{ijn}$ T_{ij}
122	$s = \sum\limits_{i,j} y_{ij}^2$	$S = \sum\limits_{i,j,p} y_{ijp}^2$
123	$SKMW = -\dfrac{\sum_i R_i^2}{nc} - \dfrac{T^2}{N}$ $SKMK = -\dfrac{\sum_j C_j^2}{nr} - \dfrac{T^2}{N}$ $SKMW = -\dfrac{\sum_{i,j} T_{ij}^2}{n} - \dfrac{T^2}{N} - SKMW - SKMK$	$SKMW = \dfrac{\sum_i R_i^2}{nc} - \dfrac{T^2}{N}$ $SKMK = \dfrac{\sum_j C_j^2}{nr} - \dfrac{T^2}{N}$ $SKI = \dfrac{\sum_{i,j} T_{ij}^2}{n} - \dfrac{T^2}{N} - SKMW - SKMK$
124	$d_{ij} = y_{ij} - \overline{y}_{i\cdot} - \overline{y}_{\cdot j} + \overline{y}$	$d_{ij} = \overline{y}_{ij} - \overline{y}_{i\cdot} - \overline{y}_{\cdot j} + \overline{y}$
125	$s_{ij} = \sum\limits_{p=1}^{n} y_{ijp}^2$	$S_{ij} = \sum\limits_{p=1}^{n} y_{ijp}^2$
135	*pęcherza (w cm³)*	*pęcherza (w cm²)*
139		

ERRATA

STRONA	JEST	POWINNO BYĆ
145	$Y_0 = \alpha\, t_{(n-2)} \cdot s_0 \sqrt{1 + \frac{1}{n} + \frac{(x_0 - \overline{x})^2}{\sum_i (x_i - \overline{x})^2}}$	$Y_0 \pm \alpha\, t_{(n-2)} \cdot s_0 \sqrt{1 + \frac{1}{n} + \frac{(x_0 - \overline{x})^2}{\sum_i (x_i - \overline{x})^2}}$
146	Stąd: $a = 2{,}5115$ $b = -0{,}6454$ $r = 0{,}9943$	Stąd: $b = 2{,}5115$ $a = -0{,}6454$ $r = 0{,}9943$
146	$t = r\sqrt{\frac{n-2}{1-r^2}} = 22{,}8296$	$t = r\sqrt{\frac{n-2}{1-r^2}} = 22{,}8296$
149		
150	$s_i = \sum_{j=1}^{n_i} y_{ij}^2$ | $s_1 \quad s_2 \quad s_i \quad s_k$ | $s = \sum_{i=1}^{k_i} s_i$	$S_i = \sum_{j=1}^{n_i} y_{ij}^2$ | $S_1 \quad S_2 \quad S_i \quad S_k$ | $S = \sum_{i=1}^{k_i} S_i$
157	***trzech pacjentów***	***trzech preparatów***
159	$s^2 = \frac{28{,}1375 + 31{,}3049}{30 + 22 - 4}$	$s^2 = \frac{28{,}1375 + 31{,}3049}{30 + 22 - 4} = 1{,}2384$
159	$3{,}2791 \pm 2{,}013\ \sqrt{0{,}7257} = 4{,}0738$	$3{,}2791 \pm 2{,}013\ \sqrt{0{,}1563} = 4{,}0738$

ERRATA

STRONA	JEST	POWINNO BYĆ
165	$s_C^2 = \dfrac{85{,}175 + 59{,}4915 - \dfrac{(17{,}6085 + 8{,}3733)^2}{5{,}4362 + 2{,}4874}}{30 + 22 - 3}$	$s_C^2 = \dfrac{85{,}175 + 59{,}4915 - \dfrac{(17{,}6085 + 8{,}3733)^2}{5{,}4362 + 2{,}4874}}{30 + 22 - 3} = 1{,}2137$
170	ocena obiektu	ocena efektu
171	$\sigma^2 (M) = \dfrac{s_c^2}{b^2} \; \dfrac{1}{n_1} + \dfrac{1}{n_2} + \left[\dfrac{(M - \overline{x}_1 - \overline{x}_2)^2}{(Sx^2)_1 + (Sx^2)_2} \right]$	$\sigma^2 (M) = \dfrac{s_c^2}{b^2} \left[\dfrac{1}{n_1} + \dfrac{1}{n_2} + \dfrac{(M - \overline{x}_1 + \overline{x}_2)^2}{(Sx^2)_1 + (Sx^2)_2} \right]$
172	$\dfrac{M \pm \dfrac{\alpha t_{(n_1+n_2-3)} s_C}{b} \sqrt{(1-g) \cdot \left(\dfrac{1}{n_1} + \dfrac{1}{n_2} \right) + \dfrac{(M - \overline{x}_1 - \overline{x}_2)_2}{(Sx^2)_1 + (Sx^2)_2}}}{1-g}$	$\dfrac{M \pm \dfrac{\alpha t_{(n_1+n_2-3)} s_C}{b} \sqrt{(1-g) \cdot \left(\dfrac{1}{n_1} + \dfrac{1}{n_2} \right) + \dfrac{(M - \overline{x}_1 - \overline{x}_2)^2}{(Sx^2)_1 + (Sx^2)_2}}}{1-g}$
173	$0{,}6191 \pm 2{,}102 \cdot \sqrt{0{,}01185} = 0{,}4006$	$0{,}6195 \pm 2{,}102 \cdot \sqrt{0{,}01185} = 0{,}4006$
189	$F_e (x_i) = \dfrac{\sum_{d \leq i} n_j}{N}$	$F_e (x_i) = \dfrac{\sum_{j \leq i} n_j}{N}$