

$$Z_b = \frac{(C-D)}{\sqrt{\frac{n(n-1)(2n+5)-t_i(t_i-1)(2t_i+5)-u_j(u_j-1)(2u_j+5)}{18+v_1+v_2}}} = \frac{-25}{\sqrt{\frac{1950}{18}}} = -2.40$$