

## Effect of Sex and Breed on Live Weight of Adult Iranian Pigeons

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**Abstract :** This study is to evaluate the live weight of adult pigeons to investigate about their sex, race, their mutual effects and some auxiliary variables in 4 races of Kabood, Tizpar, Parvazy, and Namebar. In this paper, 152 pieces of pigeons as 76 male and female pairs with equal age are studied randomly. Then the birds were weighted by a scale with one gram precision. Software was used for statistical analysis. Mean live weight of adult male and female pigeons in 4 races (Kabood, Tizpar, Parvazy and Namebar with (15, 20, 20, 21) and (20, 21, 18, 17) records were, (530±56, 388.75±32, 392±34, 552±48) and (446±34, 342±32, 341±46, 457±57) gr, respectively. Difference weight of adult live of male with female was significant in 1% level ( $P < 0.01$ ). Difference live weight of male adult pigeon was significant in 5% level ( $P < 0.05$ ). Different live weight of female adult pigeon between Kabood, Parvazy and Tizpar races were significant in 5% level ( $P < 0.05$ ) but mean live weight Kabood race with Namebar race and Parvazy with Tizpar were not significant. The results showed that most and least mean live weights belonged to Namebar of the male pigeon race and Parvazy of the female pigeon race.

**Keywords :** Iranian Native Pigeons, adult weight, live weight, adult pigeons

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