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Relationship between the height of leg's lifting and angles of selected joints in free jumping young stallions above the obstacle

S u m m a r y

The aim of the study was the estimation of phenotypic correlation between the height of lifting legs above the obstacle and the angles of some joints above the obstacle in free jumping. The linear measurements of jumping parameters for 70 jumps from 18 stallions tested during 100 days performance test for young stallions were recorded. Higher lifting of hind legs than front legs above the obstacle and equal lifting of right and left legs were observed. The correlation coefficients except that between the lifting of front right leg and the angle of knee joint (-0.4) were low and statistically insignificant.