

A behavioral Test on Adult Jindo Dogs : based on Their Sex and Their Reactivity Towards the Owner Versus Stranger

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Introduction: This study was conducted to analyze the criteria including differences in sex and reactivity of adult Jindo dogs towards the owner and stranger based on the scoring system intended to evaluate temperament of adult Jindo dogs.

Materials and methods: Thirty three healthy Jindo dogs, twenty male and thirteen female dogs, aging from five to eleven years were exposed to the twelve different behavioral tests. All of the dogs were videotaped and photographed during the testing period for further analysis performed by single individual. Based on the recorded data, various behavioral traits were classified into "contact", "offensive", "fearfulness", "startle", "playfulness", "submissiveness", "curiosity/fearlessness about target", "curiosity/fearlessness about environment" and "marking". The reactivity of each behavioral traits were evaluated based on the scoring system.

Results: This study showed that higher score in "playfulness", "submissiveness" resulted when owner approached the dogs than stranger A and B. Also Jindo dogs showed a submissive behavior when threatened by owners whereas an aggressive behavior shown to strangers. At the same time, male dogs showed lower scores in "fearfulness", "startle" and "submissiveness" but showed more frequent marking behavior by feces. Male dogs showed higher "curiosity about environment" scores than female dogs whereas female dogs showed higher scores in "fearfulness" than male dogs when approached by a doll.

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