**Table S1.** Covariance analysis evaluating the effect of age and body weight in variance analysis between affected dogs and controls.

|  |  |  |
| --- | --- | --- |
|  | FA | ADC |
| Covariances first time point of evaluation |  |  |
| Age | 0.0635 | 0.3489 |
| Body weight | 0.4458 | 0.0928 |
| Covariances follow up examination |  |  |
| Age | 0.8138 | 0.1625 |
| Body weight | 0.7055 | 0.1256 |

FA = Fractional anisotropy; ADC = apparent diffusion coefficient