

Table 1 - Pairwise Genetic Correlation Between Image-based, Growth and Carcass Traits

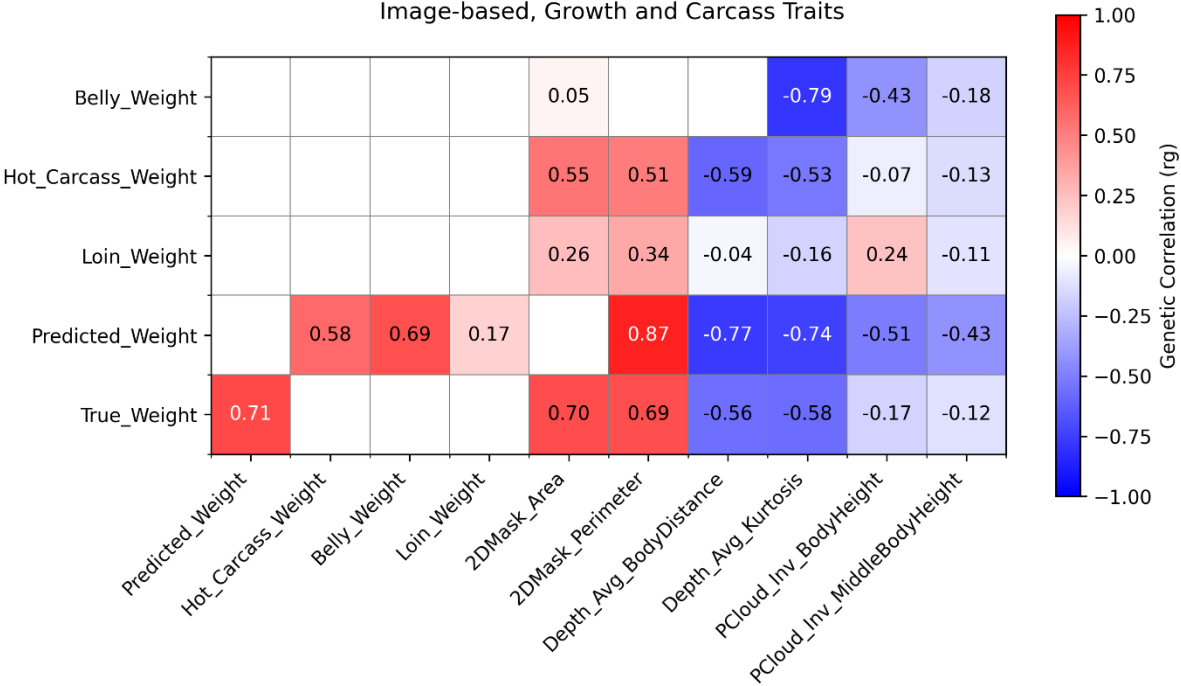


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2DMask_Area represents the number of pixels inside the segmented mask where the pig was detected.

2DMask_Perimeter represents the number of pixels that delimit the segmented mask where the pig was detected. Depth_Avg_BodyDistance measures the mean distance between the camera and the pig on the depth images, lower values represent taller pigs. Depth_Avg_Kurtosis measures the mean kurtosis on the depth image, lower values represent pigs with flatter backs. PCloud_Inv_BodyHeight represents the average distance from the camera to the pig for every point on the point cloud, lower values represent taller pigs. PCloud_Inv_MiddleBodyHeight measures the average distance from the camera to the middle body line (Shoulders, ribs, flanks and upper legs regions), lower values represent pigs with more muscle area.