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**Running head:** Prediction of digestible energy for sorghum grain in vitro

**Digestible energy of sorghum grain for pigs could be predicted using a computer-controlled simulated digestion system**

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**Abbreviations:** ATTD, apparent total tract digestibility; ADF, acid detergent fibre; CCSDS, computer-controlled simulated digestion system; CP, crude protein; CV, coefficient of variation; DE, digestible energy; DM, dry matter; GE, gross energy; NDF, neutral detergent fibre; IVDE, in vitro digestible energy; IVDMD, in vitro DM disappearance; IVGED, in vitro GE disappearance; SD, standard deviation

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