# PATH ANALYSIS FOR YIELD AND YIELD COMPONENTS IN RICE (*ORYZA SATIVA* L.)

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**Abstract:** Seventy rice genotypes were studied for estimating the direct and indirect influence on grain yield. Path analysis revealed that the characters kernel length followed by days to maturity, number of effective tillers per plant, plant height, number of grains per panicle and 1000-grain weight were directly influencing the grain yield per plant. Hence, these characters need to be considered while designing a selection strategy for yield improvement of rice.

**Keywords**: Rice, Path analysis, Yield and Yield attributing traits

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