Table 2 Path analysis for agro-economic traits in a set of 96 upland genotypes of rice

CHAR.	DF	DM	LRS	DRS	LDS	LA	CI	ZTS	BLB	PHT	EBT	PL	PW	G/P	GW	GL	GB	GL/GB	KL	KB	KL/KB	F%	r(x,y)
DF	**0.060**	0.062	0.003	0.000	-.023	0.005	0.001	-.013	0.016	0.015	0.100	0.002	-.123	-.018	.010	-.008	0.047	-.023	-.001	-.069	.021	-.080	-.018
DM	.060	**.062**	.005	-.003	-.025	.004	-.001	-.013	.020	.014	.099	.002	-.122	-.018	.001	-.012	.058	-.023	.000	-.070	.020	-.078	-.019
LRS	-.002	-.003	**-.110**	.116	.073	-.003	.003	.008	-.025	.000	-.029	.001	-.028	-.003	.005	.024	.017	-.010	-.012	-.002	.005	.015	.042
DRS	.000	-.002	-.106	**.120**	.081	-.002	.002	.006	-.020	-.002	-.055	.001	-.016	.000	.001	.027	.010	-.008	-.014	.002	.005	.022	.051
LDS	-.009	-.010	-.054	.066	**.148**	.000	.001	.007	-.012	-.010	-.082	-.004	-.022	.002	.001	.003	.002	.001	-.009	.022	-.002	.021	.059
LA	-.008	-.008	-.009	.008	.000	**-.034**	-.006	.001	.006	.008	-.111	-.001	.030	.006	.001	.053	.029	-.019	-.015	-.016	.013	.051	-.021
CI	.001	-.001	-.009	.006	.002	.005	**.040**	-.002	-.028	-.003	-.007	.000	-.040	-.008	.002	-.027	.021	-.005	.024	-.029	-.001	.003	-.059
ZTS	-.026	-.027	-.027	.023	.031	-.002	-.003	**.031**	.012	-.008	-.039	.002	.075	.009	.010	-.023	-.030	.008	.010	.042	-.015	.060	.116
BLB	-.007	-.010	-.020	.018	.013	.001	.008	-.003	**-.134**	.000	-.014	-.002	-.049	-.006	.010	-.005	.021	-.011	.006	-.029	.007	-.023	-.228*
PHT	.018	.018	-.001	-.004	-.031	-.005	-.003	-.005	-.001	**.050**	.099	.006	-.010	-.004	.003	-.011	.017	-.002	.001	-.021	.004	.007	.126
EBT	.010	.010	.005	-.011	-.019	.006	.000	-.002	.003	.008	**.628**	-.017	-.039	-.011	.000	.023	.023	-.012	-.013	-.006	.008	.003	.595**
PL	.002	.002	-.001	.003	-.011	.001	.000	.001	.005	.008	-.199	**.054**	.170	.026	.003	.016	-.040	.012	-.007	-.022	-.004	-.010	.072
PW	-.020	-.021	.008	-.006	-.009	-.003	-.005	.006	.018	-.001	-.067	.025	**.369**	.046	.010	.040	-.070	.022	-.019	.079	-.017	.101	.485**
G/P	-.020	-.020	.006	.000	.005	-.004	-.006	.005	.015	-.003	-.121	.025	.305	**.056**	.000	.004	-.055	.022	-.006	.057	-.016	.109	.356**
GW	-.020	-.020	-.005	.004	.016	-.006	-.003	.009	.031	-.001	-.146	.012	.193	.016	**.001**	.119	-.068	.005	-.038	.075	-.005	.078	.249*
GL	-.002	-.002	-008	.010	.002	-.006	-.003	-.002	.002	-.002	.046	.003	.059	.001	.010	**.316**	-.028	-.050	-.087	.019	.030	.029	.336**
GB	-.017	-.018	.009	-.006	-.002	.005	-.004	.005	.021	-.004	-.071	.011	.136	.015	.010	.045	**-.021**	.071	-.021	.169	-.043	.026	.127
GL/GB	.015	.015	-.011	.010	-.001	-.007	.002	-.006	-.015	.001	.082	-.007	-.084	-.013	.006	.165	.144	**-.095**	-.039	-.131	.061	-.018	.075
KL	.001	.000	-.013	.016	.012	-.005	-.009	-.003	.008	-.001	.078	.004	.065	.003	.005	.261	-.040	-.035	**-.105**	.036	.033	.027	.339**
KB	-.021	-.022	.001	.001	.017	.003	.006	.007	.020	-.005	-.020	.006	.150	.016	.015	.032	-.167	.064	-.022	**.194**	-.052	.052	.262**
KL/KB	.018	.018	-.008	.009	-.003	-.006	-.001	-.007	-.013	.003	.070	-.003	-.087	-.013	.007	.126	.123	-.082	-.050	-.142	**.070**	-.028	-.001
F%	-.023	-.023	-.011	.013	.014	-.008	.001	.009	.014	.002	.009	.002	.176	.028	.002	.041	-.034	.008	-.013	.047	-.009	**.213**	.458**

Note: Residual effect(R) =0.437; R SQR(PC) =80.926