Table 3 Path analysis indicating direct and indirect effects of component characters on kapas yield in cotton hybrids (*G. hirsutum* L.)

Characters	X_1	X_2	X_3	X_4	X_5	X_6	X_7	X_8	X_9	'R' with kapas yield
X_1	−0.176	−0.140	0.384	−0.054	0.084	0.062	0.625	−0.199	−0.227	0.358**
X_2	−0.054	−0.451	0.240	0.189	−0.058	−0.022	0.071	0.614	−0.086	0.442**
X_3	−0.109	−0.175	0.619	−0.017	0.006	0.173	−0.002	−0.229	−0.011	0.253
X_4	0.045	−0.400	−0.050	0.213	−0.021	−0.170	0.051	0.374	−0.036	0.004
X_5	0.087	−0.154	−0.025	0.026	−0.169	−0.098	0.031	1.008	−0.116	0.590**
X_6	−0.034	0.031	0.334	−0.112	0.051	0.321	−0.101	−0.117	0.047	0.421**
X_7	0.495	0.145	0.006	−0.049	0.024	0.145	−0.222	−0.361	0.194	0.379**
X_8	−0.037	0.297	0.152	−0.085	0.183	0.040	−0.086	−0.933	0.117	−0.351*
X_9	0.221	0.213	−0.039	−0.042	0.109	0.083	−0.239	−0.603	0.181	−0.114

Note: Residual Effect=0.919892; *: Significant at P=0.05; **: Significant at P=0.01; X_1: Days to 50 % flowering; X_2: Plnt height (cm); X_3: Monopodia per plant; X_4: Sympodia per plant; X_5: Bolls per plant; X_6: Mean boll weight (g); X_7: Ginning per cent (%); X_8: Seed index (g); X_9: Lint index (g); X_{10}: Kapas yield (g/plant)