



Figure 5. F values for the three-way mixed-effects statistical models comparing the impact of compaction (uncompacted/compacted), cover (bare/slash) and rainfall run (dry/wet) on dependent variables of runoff start and end times (s), runoff amount (mm), soil moisture (% volume), rainsplash (g), sediment concentration ("Sed. concentr.";  $\text{g l}^{-1}$ ) and sediment yield ("Sed. yield";  $\text{g m}^{-2}$ ). Runoff start and end times and rainsplash were fourth-root transformed prior to analysis. F values are shown for the corresponding factor when they were significant at  $p \leq 0.05$ .