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High-throughput phenotyping platform for analyzing drought tolerance in rice

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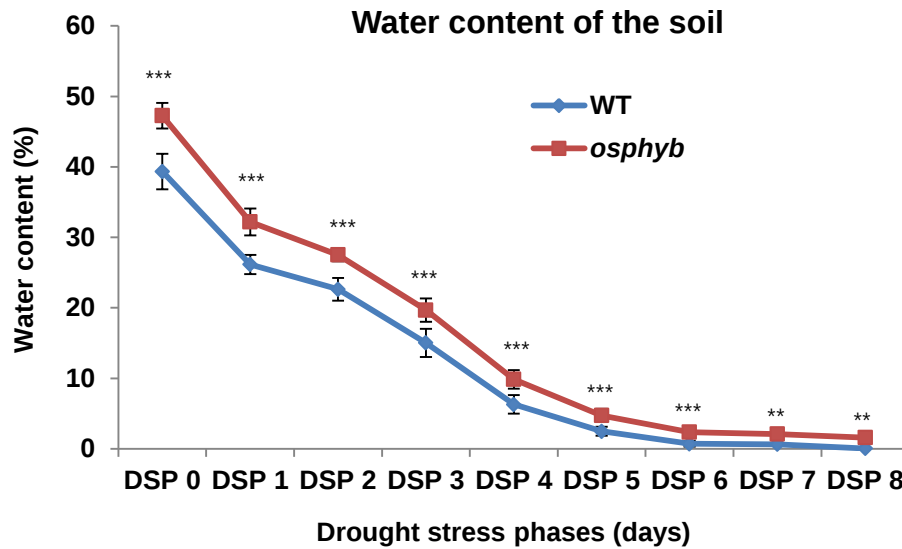
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Running head: Rice platform for drought phenotyping

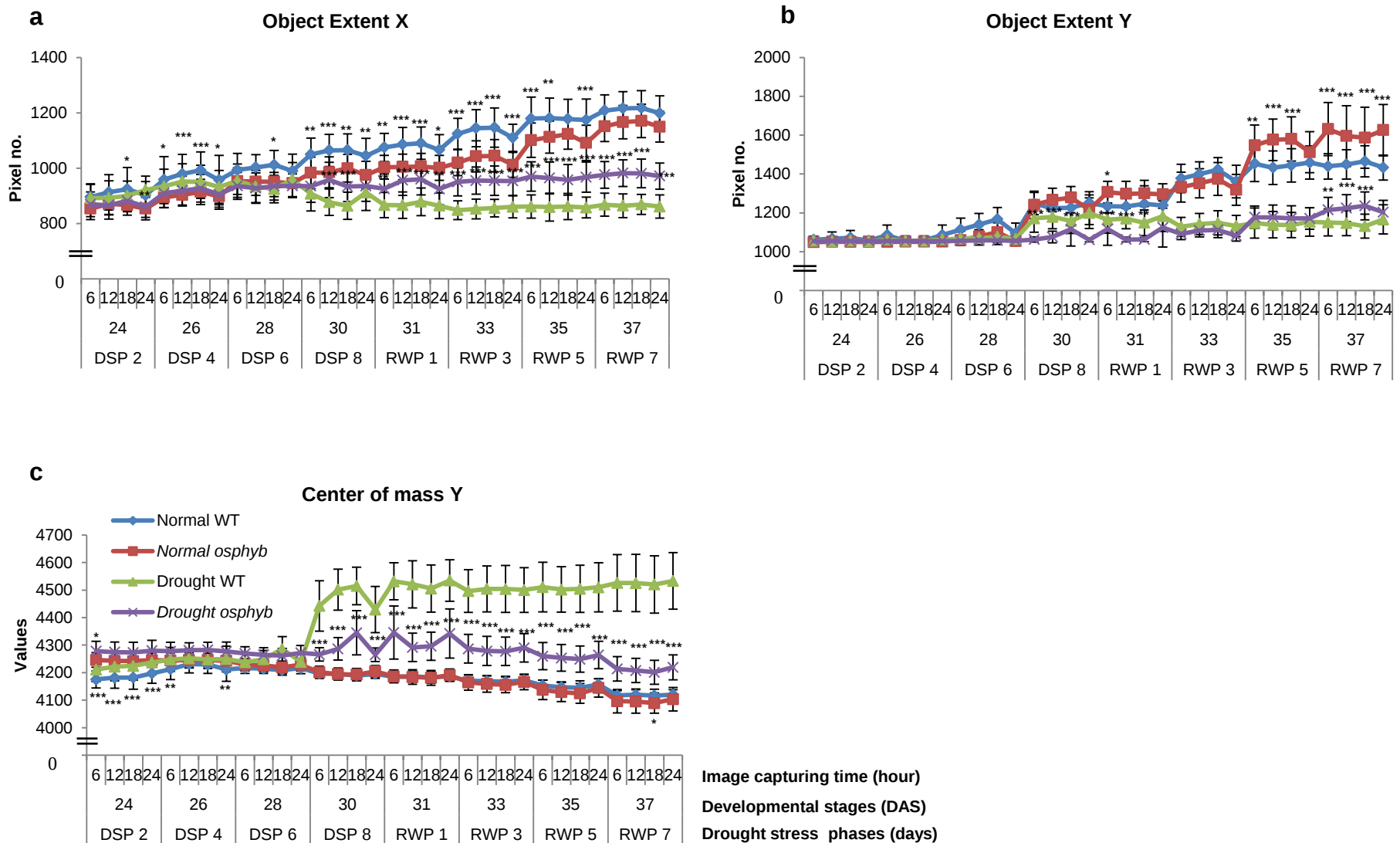
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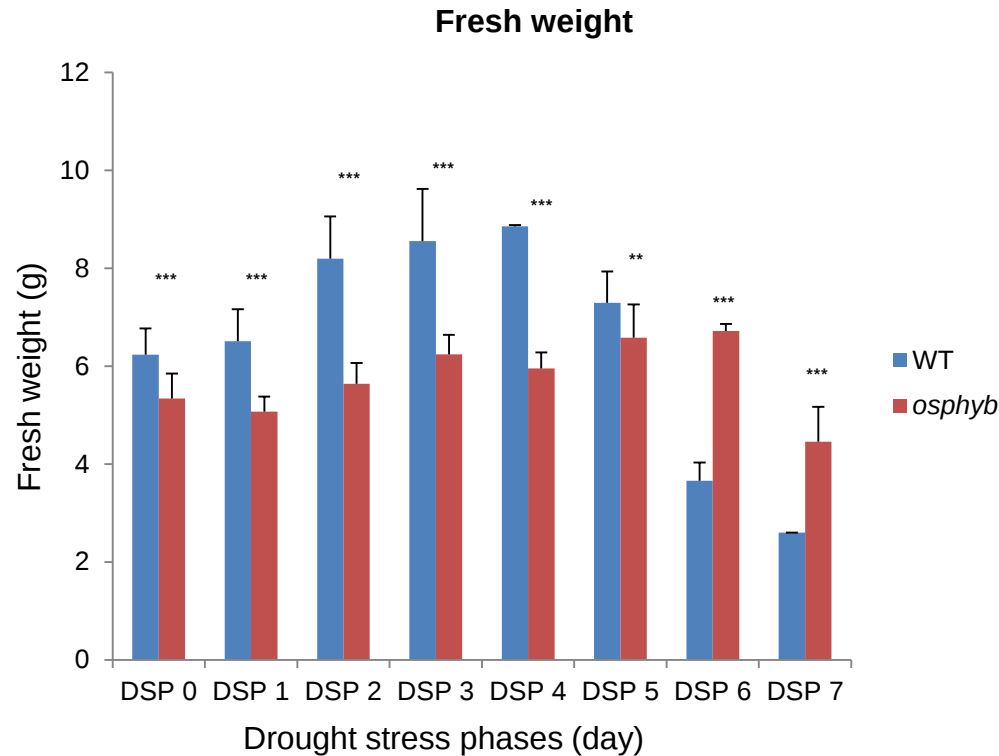
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Suppl. Fig. S1. Water content (%) of the soil on RGB and NIR imaging during drought stress phases. DSP means drought stress phases. Each data point is the average of value and measurement, and vertical bars are standard deviation. **, $P < 0.01$; ***, $P < 0.001$



Suppl. Fig. S2. Changes of object extent X (a), object extent Y (b), and center of mass Y (c) on the side-view under normal and drought stress conditions. The statistics analysis of image parameters were performed by a two-way anova test ($P < 0.01$). Each data point is the average of measurement, and vertical bars are standard deviation. *, $P < 0.05$; **, $P < 0.01$; ***, $P < 0.001$.



Suppl. Fig. S4. Fresh weight during drought stress phases. DSP means drought stress phases. The statistics analysis of fresh weight were performed by a two-way anova test ($P < 0.01$). Asterisks indicate significant differences. ** $P < 0.01$, *** $P < 0.001$. Each data point is the average of value and measurement, and vertical bars are standard deviation. **, $P < 0.01$; ***, $P < 0.001$.