

Short corn

update

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2024-10-28

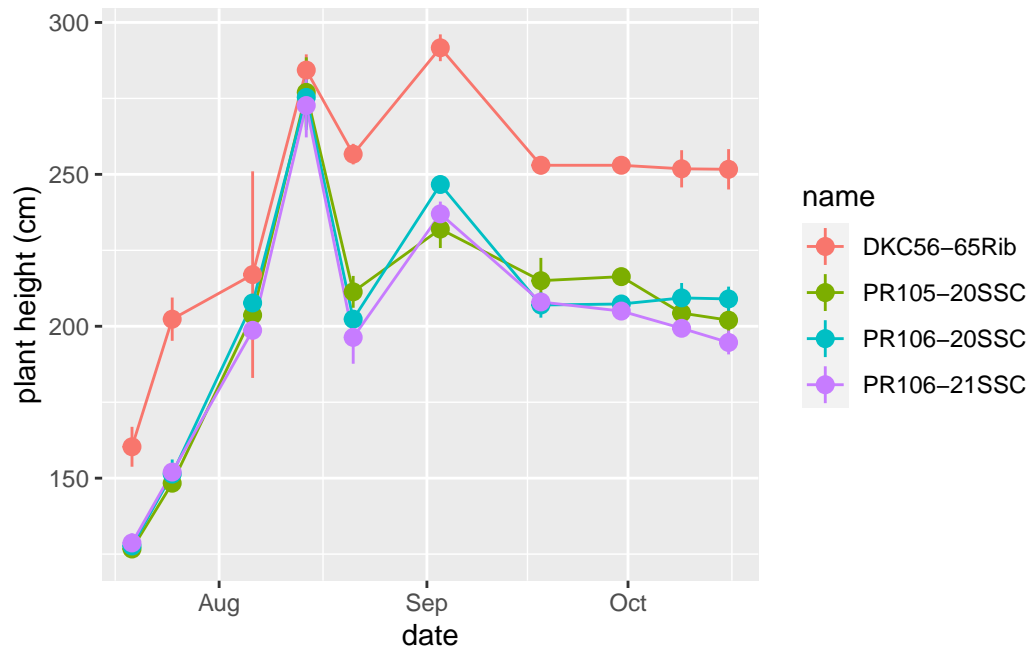
Notes

DKC is the check variety that is not a short stature corn hybrid.

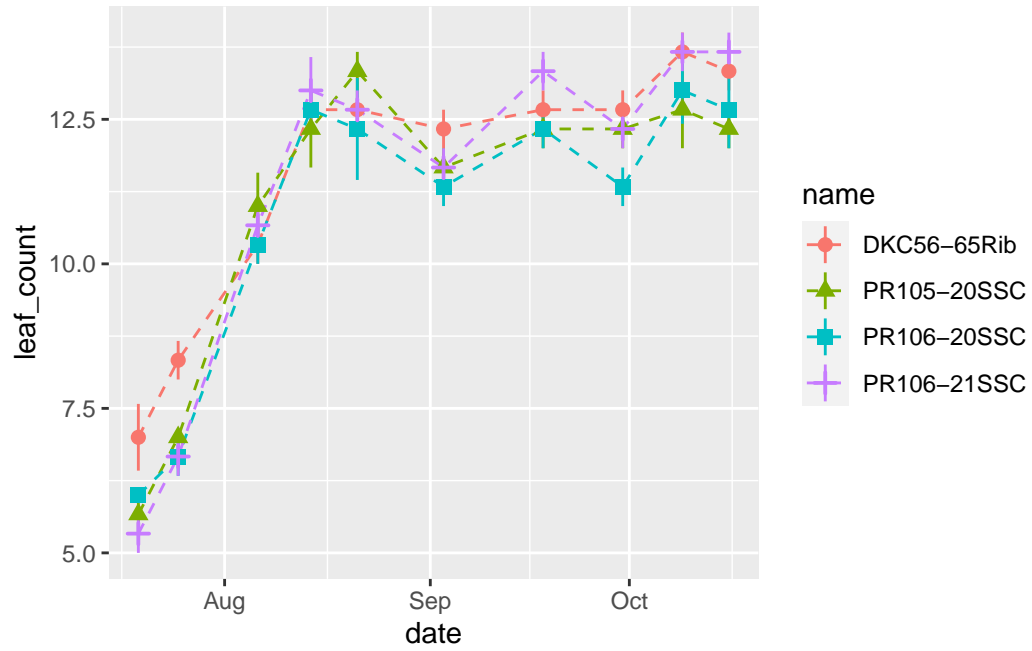
Moisture content and test weight determined using a Perten 5200

Growth monitoring

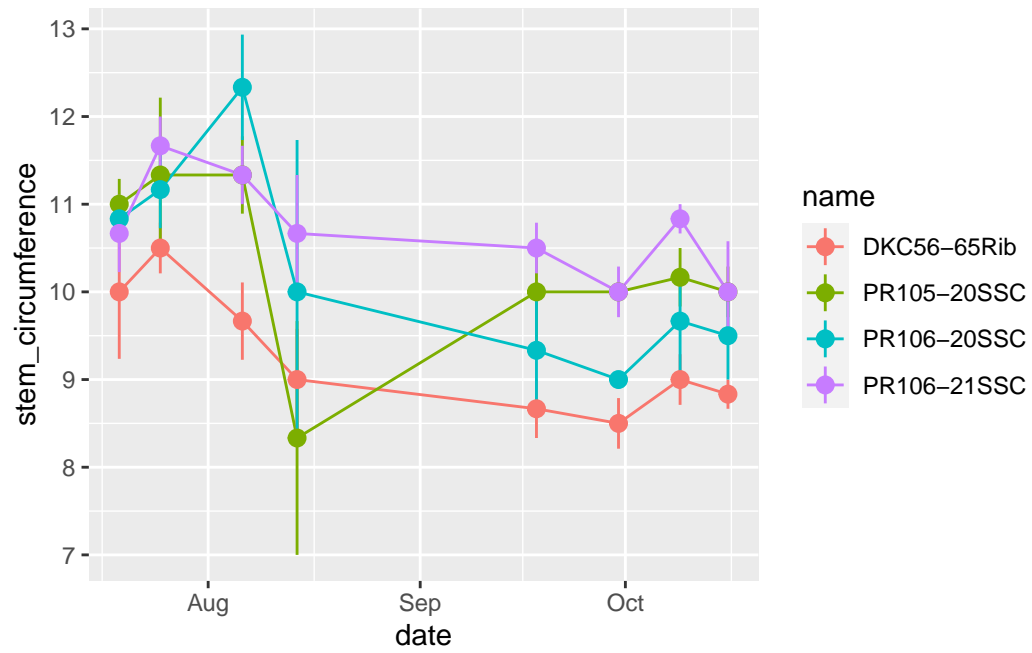
Figures



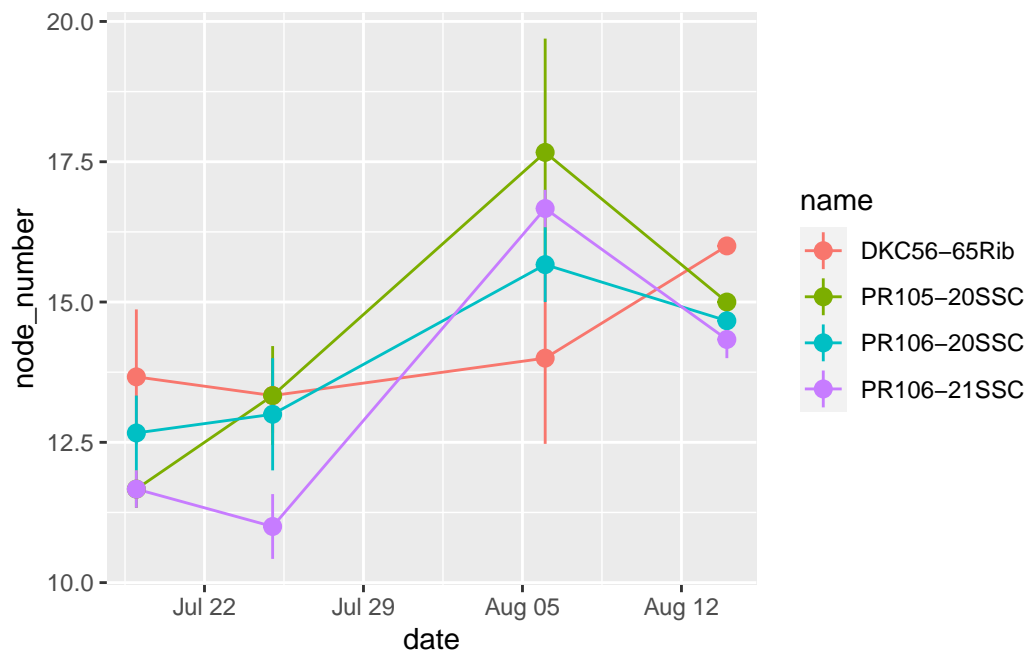
- Person collecting data on 6Aug and 14Aug likely misinterpreted protocol for measuring plant heights



- red dots (DKC56-65Rib) in august are right behind the blue and are therefore hidden/hard to see

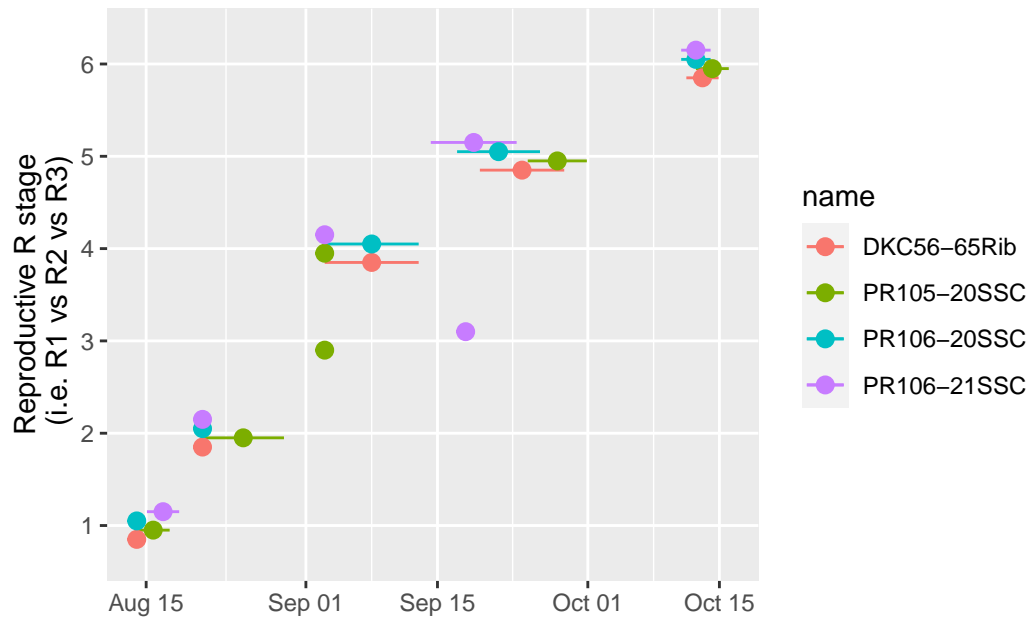


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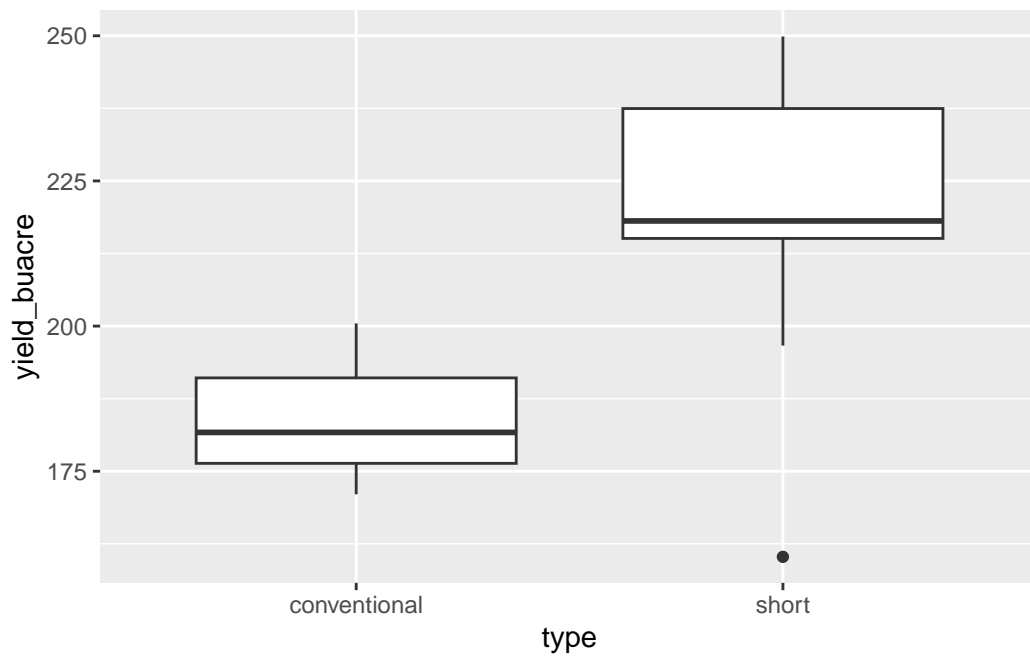
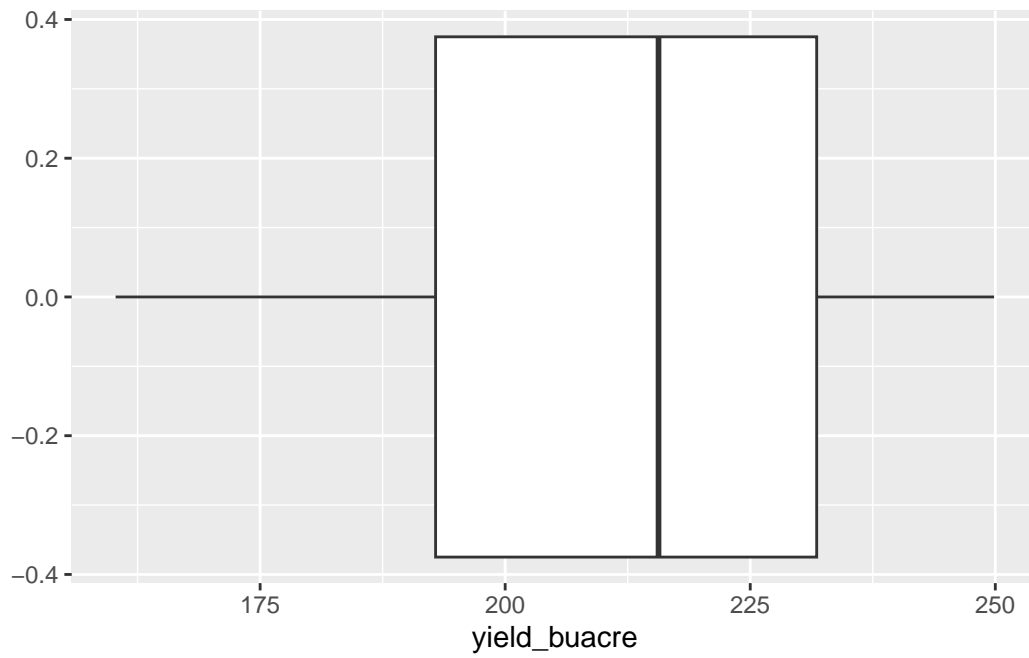
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Harvest

Yield



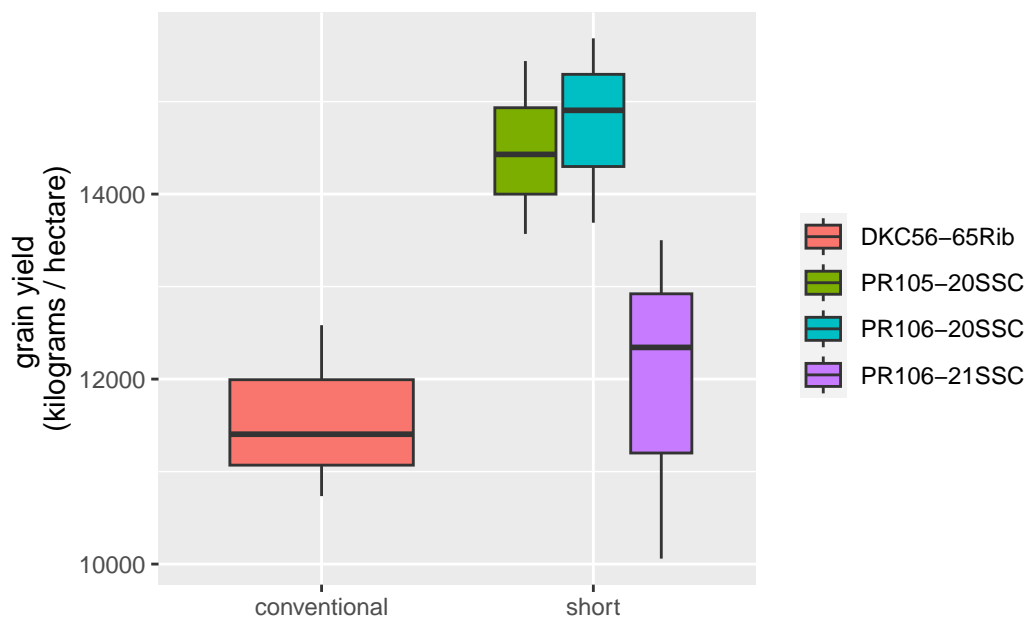
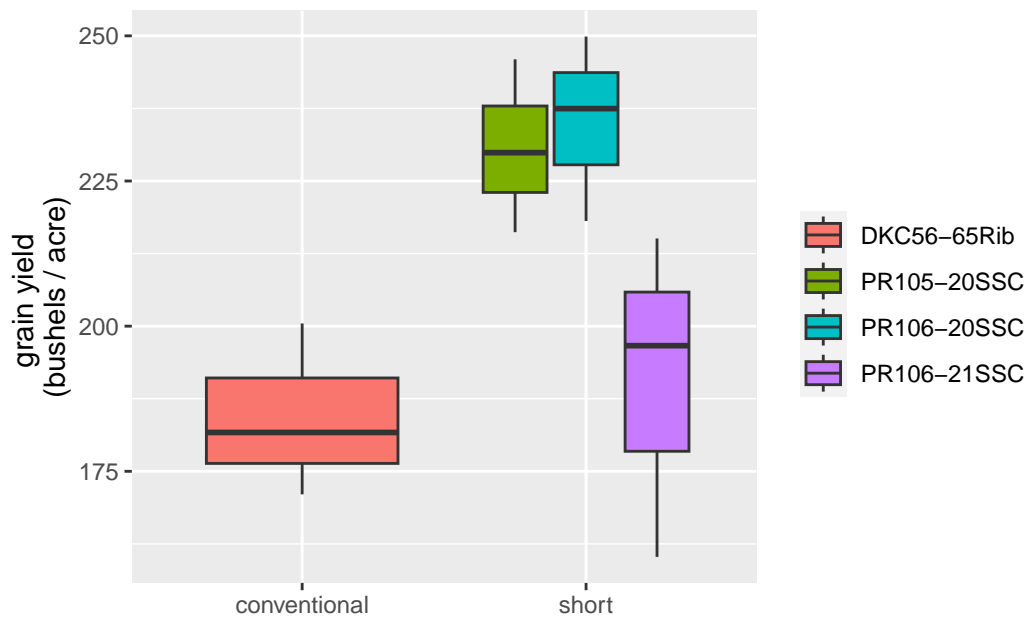


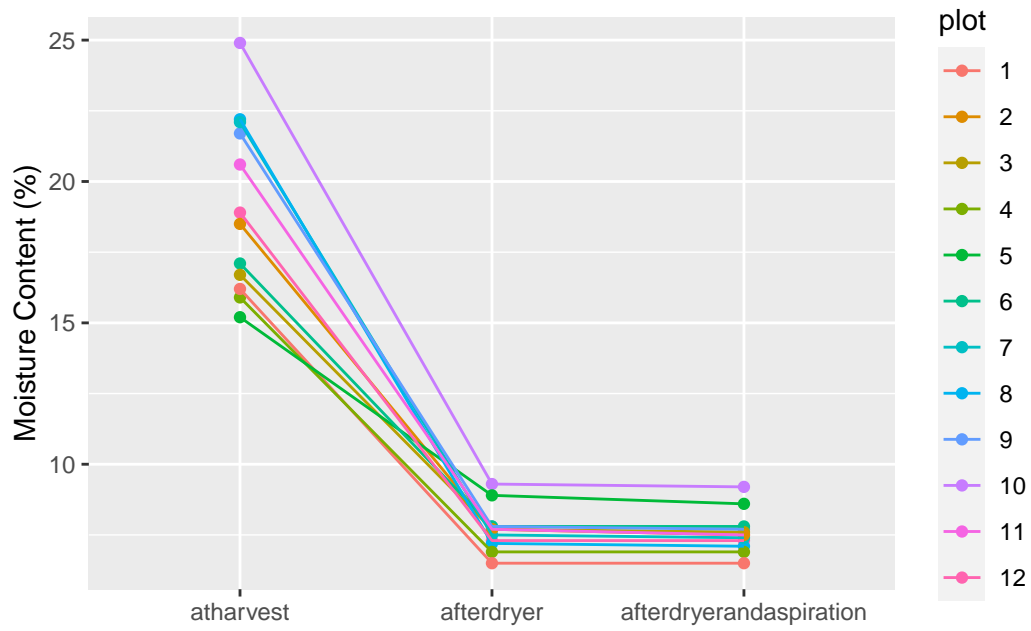
Table 1: predicted grain yield in kg ha

n	mean	sd	cv	max	min
12	13195	1818	14	15684	10059

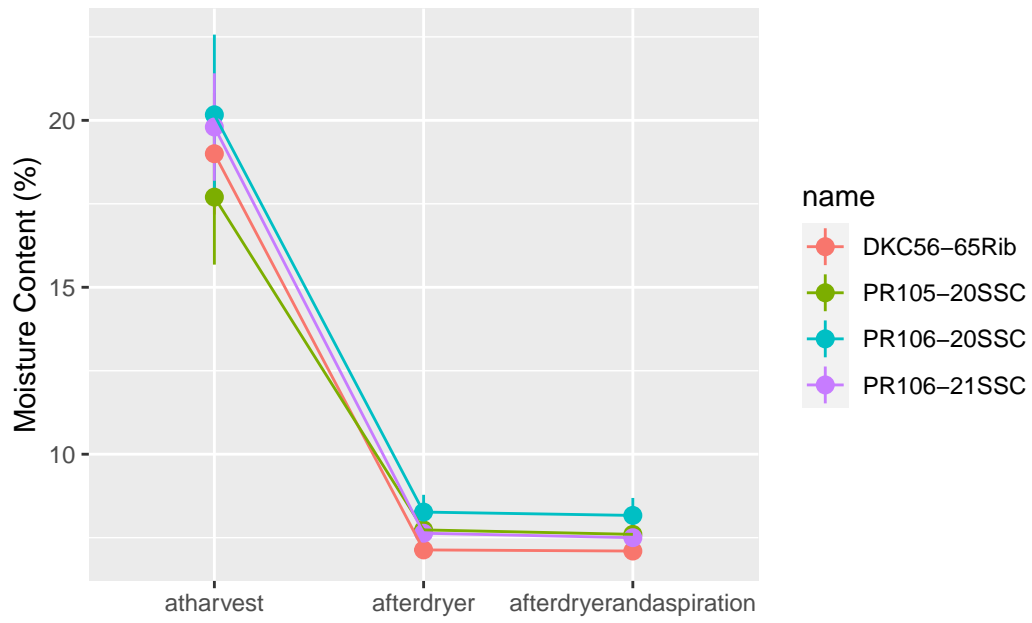
Table 2: predicted grain yield in bushels per acre at a test weight of 56 lbs per bushel which was determined at harvest

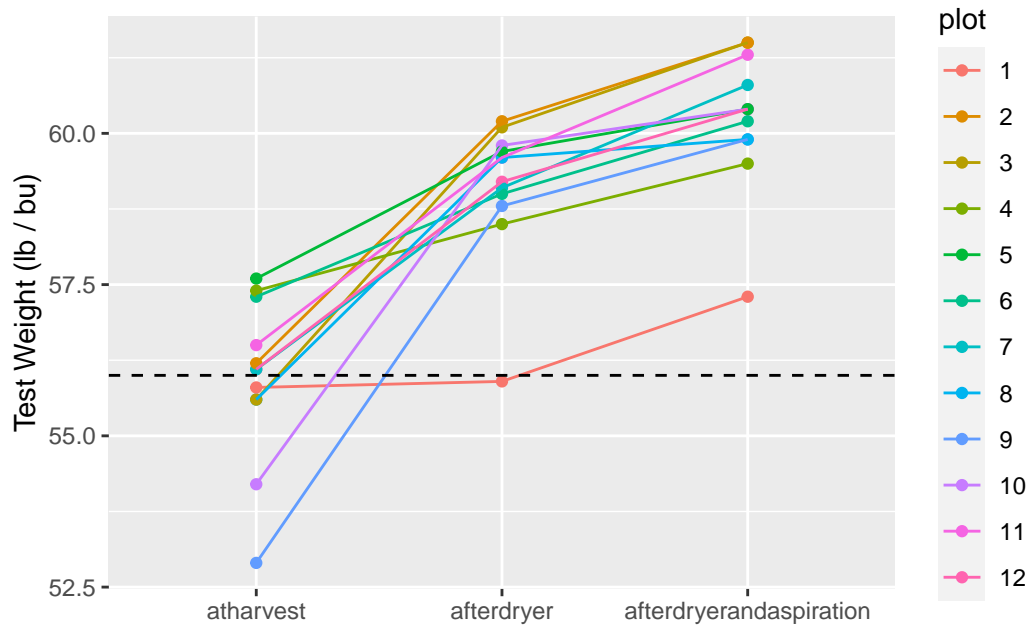
n	mean	sd	cv	max	min
12	210	29	14	250	160

Moisture content and test weight



- moisture content decreased in dryer to below 10%. After it's below 10% the machine prediction is less accurate





- All plots appear to have test weight increase after drying and then again after aspiration. This could be from gaining moisture from sitting longer, but I would think that would decrease test weight?
- Plot 1 is weird, test weight does not change

