

Supplementary Table 1. Summary of papers published in the *Plant Pathology Journal* in terms of their statistical analysis and description

Paper_ID	SD_SE	P-value	Pseudo-rep	Description	Comment
2018_1	NA	NA	NA	NA	-
2018_2	NA	NA	NA	NA	-
2018_3	NA	NA	NA	NA	-
2018_4	Specified	Not specified	Likely	Ambiguous	-
2018_5	Specified	Not specified	Yes	Unambiguous	-
2018_6	Specified	NA	NA	Ambiguous	No statistical claim
2018_7	NA	NA	NA	NA	-
2018_8	NA	NA	NA	NA	No statistical claim
2018_9	Specified	Not specified	Possibly	Ambiguous	Figure 4 legend problem
2018_10	Specified	Not provided at all	NA	Ambiguous	Questionable quality
2018_11	NA	NA	NA	NA	-
2018_12	Not specified	Not specified	Not known	Ambiguous	-
2018_13	Not specified	Not provided at all	Not known	Ambiguous	No statistical claim and no display items
2018_14	Specified	Not specified	Not known	Ambiguous	-
2018_15	NA	NA	NA	NA	-
2018_16	NA	NA	NA	NA	-
2018_17	NA	NA	NA	NA	-
2018_18	Not provided	Provided	Not known	Ambiguous	Poor description of experimental design
2018_19	Not provided	Provided	Not known	Ambiguous	-
2018_20	Not provided	Not specified	No	Unambiguous	Description of experimental design was provided
2018_21	NA	NA	NA	NA	-
2018_22	NA	NA	NA	NA	-
2018_23	Specified	Not provided at all	No	Ambiguous	-
2018_24	Specified	Not specified	Likely	Ambiguous	-
2018_25	Specified	Not specified	Likely	Ambiguous	-
2018_26	Not specified	Not provided at all	Not known	Ambiguous	-
2018_27	Specified	Not specified	Possibly	Unambiguous	-
2018_28	Not specified	NA	Possibly	Ambiguous	-
2018_29	Not provided	Not specified	Not known	Ambiguous	-
2018_30	Specified	Not specified	Possibly	Unambiguous	-
2018_31	Not specified	Not specified	No	Unambiguous	-
2018_32	Specified	Not specified	Not known	Ambiguous	-
2018_33	NA	NA	NA	NA	-
2018_34	Not specified	Specified	Not known	Ambiguous	-
2018_35	NA	NA	NA	NA	-
2018_36	Specified	Not specified	Possibly	Ambiguous	-
2018_37	NA	NA	NA	NA	-
2018_38	Not provided	Not specified	Not known	Ambiguous	-
2018_39	NA	NA	NA	NA	-
2018_40	Specified	Not specified	Not known	Ambiguous	-
2018_41	NA	NA	NA	NA	-
2018_42	Not provided	Not specified	Not known	Ambiguous	-
2018_43	Not specified	Not specified	Likely	Unambiguous	-
2018_44	Specified	Not specified	Not known	Ambiguous	-
2018_45	NA	NA	NA	NA	-
2018_46	NA	NA	NA	NA	-
2018_47	Specified	NA	Not known	Ambiguous	-
2018_48	NA	NA	NA	NA	-
2018_49	Not specified	Not provided at all	Not known	Ambiguous	-

2018_50	Not specified	Not provided at all	Likely	Ambiguous	-
2018_51	NA	NA	NA	NA	-
2018_52	NA	NA	NA	NA	-
2018_53	NA	NA	NA	NA	-
2018_54	NA	NA	No	Unambiguous	-
2018_55	NA	NA	NA	NA	-
2018_56	Specified	Not specified	No	Unambiguous	-
2018_57	Specified	Not specified	No	Unambiguous	-
2018_58	Specified	Not specified	No	Unambiguous	-
2018_59	NA	NA	NA	NA	-
2019_1	Specified	Specified	Not known	Unambiguous	-
2019_2	Specified	Not specified	Possibly	Unambiguous	-
2019_3	NA	NA	NA	NA	-
2019_4	NA	NA	NA	NA	-
2019_5	Not specified	Not specified	Not known	Ambiguous	-
2019_6	Specified	Specified	No	Unambiguous	-
2019_7	NA	NA	NA	NA	-
2019_8	Specified	Specified	Likely	Unambiguous	-
2019_9	Specified	Not specified	No	Unambiguous	-
2019_10	Specified	Not specified	No	Unambiguous	-
2019_11	NA	NA	NA	NA	-
2019_12	Specified	Specified	No	Unambiguous	-
2019_13	NA	NA	NA	NA	-
2019_14	Specified	Not specified	Not known	Unambiguous	-
2019_15	Specified	Not provided at all	No	Unambiguous	Only two replicate
2019_16	Not specified	Not specified	Not known	Unambiguous	-
2019_17	Not specified	Specified	No	Ambiguous	-
2019_18	NA	NA	NA	NA	-
2019_19	Specified	Specified	Likely	NA	-
2019_20	NA	Specified	NA	Unambiguous	-
2019_21	NA	NA	NA	NA	-
2019_22	NA	NA	Not known	Not provided at all	No replicate information
2019_23	Specified	Specified	No	Unambiguous	-
2019_24	Specified	Not specified	Not known	Ambiguous	-
2019_25	NA	NA	NA	NA	-
2019_26	Not specified	Not provided at all	Not known	Ambiguous	-
2019_27	Not specified	Not provided at all	No	Unambiguous	-
2019_28	Not specified	Not specified	Not known	Not provided at all	-
2019_29	Not specified	Specified	Possibly	Ambiguous	-
2019_30	NA	NA	NA	NA	-
2019_31	Specified	Not specified	No	Unambiguous	-
2019_32	NA	Not specified	No	Unambiguous	-
2019_33	Specified	Not specified	No	Unambiguous	-
2019_34	Specified	Not specified	No	Unambiguous	-
2019_35	Specified	Not specified	No	Unambiguous	-
2019_36	Specified	Specified	No	Unambiguous	-
2019_37	Specified	Not specified	Not known	Ambiguous	-
2019_38	NA	NA	NA	NA	-
2019_39	NA	NA	NA	NA	-
2019_40	Specified	Not specified	Not known	Ambiguous	-
2019_41	Not specified	Not specified	Not known	Ambiguous	-
2019_42	Not specified	Not specified	Not known	Ambiguous	-

2019_43	Specified	Not specified	Likely	Unambiguous	-
2019_44	Specified	Not specified	Likely	Unambiguous	-
2019_45	Not specified	Not specified	Possibly	Unambiguous	-
2019_46	NA	NA	NA	NA	-
2019_47	Not specified	Not specified	No	Unambiguous	-
2019_48	Specified	Not specified	No	Unambiguous	-
2019_49	Specified	Specified	No	Unambiguous	-
2019_50	Specified	Specified	Not known	Ambiguous	-
2019_51	Specified	Not specified	Likely	Unambiguous	-
2019_52	Specified	Not provided at all	Not known	Ambiguous	-
2019_53	NA	NA	NA	NA	-
2019_54	Not specified	Not specified	Not known	Ambiguous	-
2019_55	NA	NA	NA	NA	-
2019_56	Not specified	Not provided at all	Possibly	Ambiguous	-
2019_57	Specified	Not provided at all	Possibly	Ambiguous	-
2019_58	NA	NA	NA	NA	-
2019_59	Not specified	Not specified	Possibly	Ambiguous	-
2019_60	Specified	Specified	No	Unambiguous	-
2019_61	Specified	Not specified	No	Ambiguous	-
2019_62	NA	NA	NA	NA	-
2019_63	NA	NA	NA	NA	-
2019_64	NA	NA	NA	NA	-
2019_65	Specified	Not specified	Likely	Unambiguous	-
2019_66	NA	NA	NA	NA	-
2019_67	Specified	Not specified	No	Unambiguous	-
2019_68	NA	NA	NA	NA	-
2019_69	NA	NA	NA	NA	-
2019_70	Specified	Specified	No	Unambiguous	-

SD, standard deviation; SE, standard error; NA, not available.