

## Annex I

Data from Gianinetti et al. (2018) for rice germination (FGP). Although the rice dispersal unit is a spikelet with a single floret, in this example dehulled caryopses (i.e., the hull case was removed from the spikelets) were used as ‘seeds’, and ‘grains’ are intended with the same broad meaning. Eight variables are listed: ‘**grain**’ is the caryopsis colour type (red, ‘r’, and white, ‘w’, grains are compared), ‘**cv**’ is the cultivar (cultivated variety) of rice (three cultivars with red grain are contrasted with three cultivars with white grain), ‘**trt**’ is the treatment (seeds were either infected with a fungus, ‘+epic’, or not, ‘Ctr’, prior to the germination test), ‘**expd**’ is the duration of fungal infection before testing germination (it depended onto the time the fungus required to infect all the seeds in two full experiment repeats; thus it also corresponds to the experiment repeat), ‘**plate**’ is the identity code of each plate (unique within the whole experiment), ‘**n**’ is the total number of seeds sown in each plate (n=20, always), ‘**germ**’ is the number of seeds germinated by the end of the test (i.e., these are final germination counts), ‘**p**’ is the proportion of seeds that germinated within each plate by the end of the test. There are 78 aggregate observations (i.e. plates), corresponding to 1560 seeds.

	<b>grain</b>	<b>cv</b>	<b>trt</b>	<b>expd</b>	<b>plate</b>	<b>n</b>	<b>germ</b>	<b>p</b>
1	w	Perla	Ctr	14d	PC41	20	19	0.95
2	w	Perla	Ctr	14d	PC42	20	19	0.95
3	w	Perla	+epic	14d	P+41	20	6	0.3
4	w	Perla	+epic	14d	P+42	20	4	0.2
5	w	Perla	+epic	14d	P+43	20	6	0.3
6	w	Perla	+epic	14d	P+44	20	5	0.25
7	w	Perla	Ctr	17d	PC71	20	19	0.95
8	w	Perla	Ctr	17d	PC72	20	18	0.9
9	w	Perla	Ctr	17d	PC73	20	20	1
10	w	Perla	+epic	17d	P+71	20	7	0.35
11	w	Perla	+epic	17d	P+72	20	8	0.4
12	w	Perla	+epic	17d	P+73	20	4	0.2
13	w	Perla	+epic	17d	P+74	20	3	0.15
14	r	Perla Rosso	Ctr	14d	PRC41	20	20	1
15	r	Perla Rosso	Ctr	14d	PRC42	20	20	1
16	r	Perla Rosso	+epic	14d	PR+41	20	20	1
17	r	Perla Rosso	+epic	14d	PR+42	20	20	1
18	r	Perla Rosso	+epic	14d	PR+43	20	20	1
19	r	Perla Rosso	+epic	14d	PR+44	20	20	1
20	r	Perla Rosso	Ctr	17d	PRC71	20	18	0.9
21	r	Perla Rosso	Ctr	17d	PRC72	20	20	1
22	r	Perla Rosso	Ctr	17d	PRC73	20	20	1
23	r	Perla Rosso	+epic	17d	PR+71	20	14	0.7
24	r	Perla Rosso	+epic	17d	PR+72	20	15	0.75
25	r	Perla Rosso	+epic	17d	PR+73	20	17	0.85
26	r	Perla Rosso	+epic	17d	PR+74	20	17	0.85
27	w	Augusto	Ctr	14d	AC41	20	20	1
28	w	Augusto	Ctr	14d	AC42	20	20	1
29	w	Augusto	+epic	14d	A+41	20	16	0.8
30	w	Augusto	+epic	14d	A+42	20	17	0.85
31	w	Augusto	+epic	14d	A+43	20	18	0.9
32	w	Augusto	+epic	14d	A+44	20	18	0.9
33	w	Augusto	Ctr	17d	AC71	20	12	0.6

34	w	Augusto	Ctr	17d	AC72	20	15	0.75
35	w	Augusto	Ctr	17d	AC73	20	16	0.8
36	w	Augusto	+epic	17d	A+71	20	7	0.35
37	w	Augusto	+epic	17d	A+72	20	10	0.5
38	w	Augusto	+epic	17d	A+73	20	10	0.5
39	w	Augusto	+epic	17d	A+74	20	9	0.45
40	r	Augusto Rosso	Ctr	14d	ARC41	20	20	1
41	r	Augusto Rosso	Ctr	14d	ARC42	20	20	1
42	r	Augusto Rosso	+epic	14d	AR+41	20	20	1
43	r	Augusto Rosso	+epic	14d	AR+42	20	20	1
44	r	Augusto Rosso	+epic	14d	AR+43	20	20	1
45	r	Augusto Rosso	+epic	14d	AR+44	20	20	1
46	r	Augusto Rosso	Ctr	17d	ARC71	20	20	1
47	r	Augusto Rosso	Ctr	17d	ARC72	20	19	0.95
48	r	Augusto Rosso	Ctr	17d	ARC73	20	20	1
49	r	Augusto Rosso	+epic	17d	AR+71	20	20	1
50	r	Augusto Rosso	+epic	17d	AR+72	20	17	0.85
51	r	Augusto Rosso	+epic	17d	AR+73	20	19	0.95
52	r	Augusto Rosso	+epic	17d	AR+74	20	19	0.95
53	w	Koral	Ctr	14d	KC41	20	20	1
54	w	Koral	Ctr	14d	KC42	20	18	0.9
55	w	Koral	+epic	14d	K+41	20	16	0.8
56	w	Koral	+epic	14d	K+42	20	18	0.9
57	w	Koral	+epic	14d	K+43	20	17	0.85
58	w	Koral	+epic	14d	K+44	20	17	0.85
59	w	Koral	Ctr	17d	KC71	20	17	0.85
60	w	Koral	Ctr	17d	KC72	20	13	0.65
61	w	Koral	Ctr	17d	KC73	20	12	0.6
62	w	Koral	+epic	17d	K+71	20	7	0.35
63	w	Koral	+epic	17d	K+72	20	12	0.6
64	w	Koral	+epic	17d	K+73	20	6	0.3
65	w	Koral	+epic	17d	K+74	20	13	0.65
66	r	Koral Rosso	Ctr	14d	KRC41	20	20	1
67	r	Koral Rosso	Ctr	14d	KRC42	20	20	1
68	r	Koral Rosso	+epic	14d	KR+41	20	20	1
69	r	Koral Rosso	+epic	14d	KR+42	20	20	1
70	r	Koral Rosso	+epic	14d	KR+43	20	18	0.9
71	r	Koral Rosso	+epic	14d	KR+44	20	19	0.95
72	r	Koral Rosso	Ctr	17d	KRC71	20	16	0.8
73	r	Koral Rosso	Ctr	17d	KRC72	20	19	0.95
74	r	Koral Rosso	Ctr	17d	KRC73	20	16	0.8
75	r	Koral Rosso	+epic	17d	KR+71	20	17	0.85
76	r	Koral Rosso	+epic	17d	KR+72	20	18	0.9
77	r	Koral Rosso	+epic	17d	KR+73	20	16	0.8
78	r	Koral Rosso	+epic	17d	KR+74	20	13	0.65

## References

Gianinetti A., Finocchiaro F., Maisenti F., Kouongni Satsap D., Morcia C., Ghizzoni R. and Terzi V. (2018). The caryopsis of red-grained rice has enhanced resistance to fungal attack. *Journal of Fungi* 4: 71.