

Four Treatments

Four-plex system

4 Blocks and 12 Phase 1 Experimental units

Run	Tag			
	114	115	116	117
1	3 Ib	1 Cd	2 Fa	4 Lc
2	1 Cd	3 Ib	4 Lc	2 Fa
3	3 Ha	1 Bc	4 Kb	2 Ed
4	1 Bc	3 Ha	2 Ed	4 Kb
5	3 Gd	1 Ab	2 Dc	4 Ja
6	1 Ab	3 Gd	4 Ja	2 Dc

Eight-plex system

4 Blocks and 12 Phase 1 Experimental units

Run	Tag							
	113	114	115	116	117	118	119	121
1	1 Cd	1 Bc	2 Ed	2 Dc	3 Ib	3 Ha	4 Kb	4 Ja
2	1 Bc	1 Cd	2 Dc	2 Ed	3 Ha	3 Ib	4 Ja	4 Kb
3	1 Ab	1 Ab	2 Fa	2 Fa	3 Gd	3 Gd	4 Lc	4 Lc

Five Treatments

Four-plex system

5 Blocks and 20 Phase 1 Experimental units

Run	Tag			
	114	115	116	117
1	1 Bc	1 Ab	1 De	1 Cd
2	1 Ab	1 Bc	1 Cd	1 De
3	2 Ge	2 Ha	2 Ec	2 Fd
4	2 Ha	2 Ge	2 Fd	2 Ec
5	3 Ka	3 Id	3 Lb	3 Je
6	3 Id	3 Ka	3 Je	3 Lb
7	4 Pc	4 Me	4 Ob	4 Na
8	4 Me	4 Pc	4 Na	4 Ob
9	5 Td	5 Rb	5 Sc	5 Qa
10	5 Rb	5 Td	5 Qa	5 Sc

Eight-plex system

5 Blocks and 20 Phase 1 Experimental units

Run	Tag							
	113	114	115	116	117	118	119	121
1	1 Cd	2 Ec	1 De	2 Ha	1 Bc	2 Ge	2 Fd	1 Ab
2	2 Ec	1 Cd	2 Ha	1 De	2 Ge	1 Bc	1 Ab	2 Fd
3	4 Na	3 Je	3 Lb	4 Pc	4 Ob	3 Id	3 Ka	4 Me
4	3 Je	4 Na	4 Pc	3 Lb	3 Id	4 Ob	4 Me	3 Ka
5	5 Rb	5 Rb	5 Td	5 Td	5 Qa	5 Qa	5 Sc	5 Sc

Six Treatments

Four-plex system

6 Blocks and 30 Phase 1 Experimental units

Run	Tag			
	114	115	116	117
1	2AJa	2Alf	5AXc	5AYd
2	2Alf	2AJa	5AYd	5AXc
3	1ADe	2AGd	4ASb	5AVa
4	2AGd	1ADe	5AVa	4ASb
5	1ABc	1ACd	5AWb	5AUf
6	1ACd	1ABc	5AUf	5AWb
7	2AFc	2AHe	4ARa	4AQf
8	2AHe	2AFc	4AQf	4ARa
9	1AAb	1AEf	4APe	4ATc
10	1AEf	1AAb	4ATc	4APe
11	3ANa	3AMf	6BDe	6BAb
12	3AMf	3ANa	6BAb	6BDe
13	3AOB	3AKd	6AZa	6BBc
14	3AKd	3AOB	6BBc	6AZa
15	3ALe	3ALe	6BCd	6BCd

Seven Treatments

Four-plex system

7 Blocks and 28 Phase 1 Experimental units

Run	Tag			
	114	115	116	117
1	1AAAd	1ACf	1ADg	1ABe
2	1ACf	1AAAd	1ABe	1ADg
3	2AHg	2AEb	2AFc	2AGf
4	2AEb	2AHg	2AGf	2AFc
5	3AKd	3ALe	3Alb	3AJc
6	3ALe	3AKd	3AJc	3Alb
7	4APg	4ANc	4AOe	4AMa
8	4ANc	4APg	4AMa	4AOe
9	5ATf	5ARc	5ASd	5AQa
10	5ARc	5ATf	5AQa	5ASd
11	6AUa	6AWe	6AVb	6AXf
12	6AWe	6AUa	6AXf	6AVb
13	7AZb	7AYa	7BBg	7BAAd
14	7AYa	7AZb	7BAAd	7BBg

7 Blocks and 42 Phase 1 Experimental units

Run	Tag			
	114	115	116	117
1	2AJf	2AKg	1ABc	1ACd
2	2AKg	2AJf	1ACd	1ABc
3	1AEf	1AAb	1AFg	2Ale
4	1AAb	1AEf	2Ale	1AFg
5	2AGc	1ADe	2AHd	2ALa
6	1ADe	2AGc	2ALa	2AHd
7	4AVa	3ARb	3APg	4ASe
8	3ARb	4AVa	4ASe	3APg
9	3ANe	3AMd	3AOOf	4AWb
10	3AMd	3ANe	4AWb	3AOOf
11	3AQa	4AUg	4ATf	4AXc
12	4AUg	3AQa	4AXc	4ATf
13	5BDd	6BGb	6BHc	5AZg
14	6BGb	5BDd	5AZg	6BHc
15	6BEg	6BJe	6BId	5BAa
16	6BJe	6BEg	5BAa	6BId
17	6BFa	5BCc	5AYf	5BBb
18	5BCc	6BFa	5BBb	5AYf
19	7BNd	7BPf	7BLb	7BKa
20	7BPf	7BNd	7BKa	7BLb
21	7BMc	7BMc	7BOe	7BOe

Eight-plex system

7 Blocks and 28 Phase 1 Experimental units

Run	Tag							
	113	114	115	116	117	118	119	121
1	2AGf	1ABe	1ADg	2AEb	1ACf	2AHg	2AFc	1AAAd
2	1ABe	2AGf	2AEb	1ADg	2AHg	1ACf	1AAAd	2AFc
3	4APg	3AJc	3AKd	4AOe	3ALe	4ANc	4AMa	3Alb
4	3AJc	4APg	4AOe	3AKd	4ANc	3ALe	3Alb	4AMa
5	5AQa	6AVb	5ARc	6AXf	5ASd	6AUa	5ATf	6AWe
6	6AVb	5AQa	6AXf	5ARc	6AUa	5ASd	6AWe	5ATf
7	7BAAd	7BAAd	7AYa	7AYa	7AZb	7AZb	7BBg	7BBg

Eight Treatments

Four-plex system

8 Blocks and 56 Phase 1 Experimental units

Run	Tag			
	114	115	116	117
1	2Alc	2AKe	6BJa	6BMd
2	2AKe	2Alc	6BMd	6BJa
3	2ANh	2ALf	5BCa	5BHg
4	2ALf	2ANh	5BHg	5BCa
5	1ADe	1AFg	6BKb	6BPh
6	1AFg	1ADe	6BPh	6BKb
7	2AJd	1AEf	6BOg	5BDb
8	1AEf	2AJd	5BDb	6BOg
9	2AMg	1AGh	5BFd	6BLc
10	1AGh	2AMg	6BLc	5BFd
11	1ABc	2AHa	5Blh	6BNe
12	2AHa	1ABc	6BNe	5Blh
13	1ACd	1AAb	5BEc	5BGf
14	1AAb	1ACd	5BGf	5BEc
15	3ASf	4BBh	8BXa	7BTd
16	4BBh	3ASf	7BTd	8BXa
17	4AZf	4AXc	7BUe	7BWh
18	4AXc	4AZf	7BWh	7BUe
19	3AOa	4AYe	7BVf	8BYb
20	4AYe	3AOa	8BYb	7BVf
21	3ATg	3ARe	8CAd	8CCf
22	3ARe	3ATg	8CCf	8CAd
23	4BAg	3APb	8CBe	7BSc
24	3APb	4BAg	7BSc	8CBe
25	3AUh	3AQd	7BRb	7BQa
26	3AQd	3AUh	7BQa	7BRb
27	4AWb	4AVa	8BZc	8CDg
28	4AVa	4AWb	8CDg	8BZc

Eight-plex system

8 Blocks and 56 Phase 1 Experimental units

Run	Tag							
	113	114	115	116	117	118	119	121
1	1AGh	2AJe	3ARg	4AZa	5BCf	6BNc	7BUd	8BYb
2	2AJe	1AGh	4AZa	3ARg	6BNc	5BCf	8BYb	7BUd
3	2AKf	1ACd	4BAb	3APe	6BJg	5BEh	7BTc	8BXa
4	1ACd	2AKf	3APe	4BAb	5BEh	6BJg	8BXa	7BTc
5	1AAb	2AMh	4BBc	3ATa	5Bld	6BPe	8CDg	7BWf
6	2AMh	1AAb	3ATa	4BBc	6BPe	5Bld	7BWf	8CDg
7	2ANa	1ABc	4AXg	3AQf	6BKh	5BGb	7BVe	8CAAd
8	1ABc	2ANa	3AQf	4AXg	5BGb	6BKh	8CAAd	7BVe
9	2Ald	1ADe	3AUb	4AWf	6BLa	5BDg	7BQh	8BZc
10	1ADe	2Ald	4AWf	3AUb	5BDg	6BLa	8BZc	7BQh
11	1AEf	2ALg	3AOd	4AYh	5BHc	6BMb	8CBe	7BRa
12	2ALg	1AEf	4AYh	3AOd	6BMb	5BHc	7BRa	8CBe
13	2AHc	1AFg	3ASh	4AVe	5BFa	6BOd	7BSb	8CCf
14	1AFg	2AHc	4AVe	3ASh	6BOd	5BFa	8CCf	7BSb