> xtable(my.data.frame)

	p	q	r
1	$condition_a$	grp_1	3
2	$condition_a$	grp_1	3
3	$condition_a$	grp_1	4
4	$condition_a$	grp_1	1
5	$condition_b$	grp_1	4
6	$condition_b$	grp_1	3
7	condition_b	grp_1	5
8	condition_b	grp_1	5
9	condition_a	grp_2	4
10	$condition_a$	grp_2	1
11	$condition_a$	grp_2	1
12	$condition_a$	grp_2	1
13	$condition_b$	grp_2	5
14	$condition_b$	grp_2	1
15	$condition_b$	grp_2	5
16	$condition_b$	grp_2	2