

In the tables below we list

$$\frac{|\mathbf{C}_{\text{split}}(\mathbf{P}, \lambda)|}{|\text{Stab}_k(\mathbf{P}, \{x, y\})|}, \quad \frac{|\mathbf{C}_{\text{non-split}}(\mathbf{P}, \lambda)|}{|\text{Stab}_k(\mathbf{P}, \{x + \alpha y, x + \mathcal{F}(\alpha)y\})|}, \quad \frac{|\mathbf{C}_{\text{cusp}}(\mathbf{P}, \lambda)|}{|\text{Stab}_k(\mathbf{P}, \{y\})|}$$

and their sum for $q = 2$ and $q = 3$ and all finite partitions λ for which they are not all zero. These results can also be found in the output files of the computer programs (except for the total sums).

For $q = 2$ we have:

λ	split	non-split	cusp	total	λ	split	non-split	cusp	total
$[\]$	1535	516	766	2817	$[1^1, 2^1]$	$\frac{377}{2}$	$\frac{35}{2}$	37	243
$[6^1]$	$\frac{7}{2}$	$\frac{4}{3}$	2	$\frac{41}{6}$	$[1^1, 2^1, 4^1]$	2	4	2	8
$[5^1]$	21	1	6	28	$[1^1, 2^1, 3^1]$	22	0	3	25
$[4^1]$	22	10	9	41	$[1^1, 2^2]$	6	$\frac{1}{2}$	0	$\frac{13}{2}$
$[3^1]$	154	6	19	179	$[1^1, 2^3]$	0	$\frac{1}{2}$	0	$\frac{1}{2}$
$[3^1, 6^1]$	0	$\frac{1}{3}$	0	$\frac{1}{3}$	$[1^2]$	413	$\frac{339}{2}$	259	$\frac{1683}{2}$
$[3^1, 4^1]$	0	1	0	1	$[1^2, 4^1]$	10	3	3	16
$[3^2]$	4	$\frac{1}{6}$	0	$\frac{25}{6}$	$[1^2, 3^1]$	31	8	8	47
$[3^3]$	1	0	0	1	$[1^2, 2^1]$	83	10	17	110
$[2^1]$	$\frac{229}{2}$	$\frac{101}{3}$	62	$\frac{1261}{6}$	$[1^2, 2^1, 4^1]$	2	1	0	3
$[2^1, 4^1]$	2	3	0	5	$[1^2, 2^1, 3^1]$	8	0	1	9
$[2^1, 3^1]$	18	$\frac{1}{3}$	0	$\frac{55}{3}$	$[1^2, 2^2]$	11	$\frac{1}{2}$	0	$\frac{23}{2}$
$[2^2]$	0	$\frac{5}{2}$	0	$\frac{5}{2}$	$[1^3]$	$\frac{171}{2}$	$\frac{31}{2}$	25	126
$[2^3]$	0	$\frac{2}{3}$	0	$\frac{2}{3}$	$[1^3, 3^1]$	8	$\frac{4}{3}$	1	$\frac{31}{3}$
$[1^1]$	1154	518	780	2452	$[1^3, 2^1]$	22	$\frac{5}{3}$	2	$\frac{77}{3}$
$[1^1, 6^1]$	1	$\frac{13}{2}$	2	$\frac{19}{2}$	$[1^3, 2^2]$	$\frac{3}{2}$	0	0	$\frac{3}{2}$
$[1^1, 5^1]$	15	3	6	24	$[1^3, 2^3]$	$\frac{1}{2}$	$\frac{1}{6}$	0	$\frac{2}{3}$
$[1^1, 4^1]$	22	6	10	38	$[1^4]$	$\frac{17}{2}$	0	0	$\frac{17}{2}$
$[1^1, 3^1]$	113	20	24	157	$[1^4, 2^1]$	$\frac{7}{2}$	0	0	$\frac{7}{2}$
$[1^1, 3^2]$	$\frac{3}{2}$	0	0	$\frac{3}{2}$	$[1^5]$	$\frac{1}{2}$	0	0	$\frac{1}{2}$

For $q = 3$ we have:

λ	split	non-split	cuspidal	total
$[\]$	$\frac{236195}{2}$	$\frac{118109}{2}$	52484	229636
$[6^1]$	$\frac{43}{2}$	31	$\frac{27}{2}$	66
$[5^1]$	228	30	48	306
$[4^1]$	$\frac{869}{2}$	$\frac{1137}{4}$	197	$\frac{3663}{4}$
$[3^1]$	3782	425	440	4647
$[3^1, 6^1]$	0	1	0	1
$[3^1, 4^1]$	0	6	0	6
$[3^2]$	$\frac{143}{3}$	$\frac{5}{2}$	$\frac{7}{2}$	$\frac{161}{3}$
$[3^3]$	2	0	0	2
$[2^1]$	$\frac{18337}{4}$	$\frac{18199}{8}$	$\frac{4125}{2}$	$\frac{71373}{8}$
$[2^1, 4^1]$	21	36	7	64
$[2^1, 3^1]$	226	5	12	243
$[2^2]$	$\frac{313}{4}$	$\frac{457}{8}$	$\frac{75}{2}$	$\frac{1383}{8}$
$[2^2, 4^1]$	0	$\frac{5}{4}$	0	$\frac{5}{4}$
$[2^2, 3^1]$	1	2	0	3
$[2^3]$	0	11	0	11
$[1^1]$	$\frac{100607}{2}$	$\frac{59157}{2}$	26283	106165
$[1^1, 6^1]$	$\frac{13}{2}$	27	$\frac{35}{6}$	$\frac{118}{3}$
$[1^1, 5^1]$	96	24	24	144
$[1^1, 4^1]$	295	99	99	493
$[1^1, 3^1]$	1684	463	$\frac{1093}{3}$	$\frac{7534}{3}$
$[1^1, 3^2]$	$\frac{25}{3}$	$\frac{1}{2}$	$\frac{7}{6}$	10
$[1^1, 2^1]$	$\frac{9463}{2}$	797	797	$\frac{12651}{2}$
$[1^1, 2^1, 4^1]$	14	30	6	50
$[1^1, 2^1, 3^1]$	192	12	20	224
$[1^1, 2^2]$	$\frac{285}{2}$	16	$\frac{23}{2}$	170

λ	split	non-split	cuspidal	total
$[1^1, 2^3]$	1	2	$\frac{1}{6}$	$\frac{19}{6}$
$[1^1, 2^4]$	0	1	0	1
$[1^2]$	10031	$\frac{21987}{4}$	$\frac{9825}{2}$	$\frac{81761}{4}$
$[1^2, 4^1]$	74	25	15	114
$[1^2, 3^1]$	352	118	78	548
$[1^2, 2^1]$	$\frac{2981}{2}$	264	$\frac{451}{2}$	1980
$[1^2, 2^1, 4^1]$	7	$\frac{7}{2}$	0	$\frac{21}{2}$
$[1^2, 2^1, 3^1]$	48	2	4	54
$[1^2, 2^2]$	97	$\frac{5}{2}$	3	$\frac{205}{2}$
$[1^2, 2^3]$	$\frac{21}{8}$	$\frac{5}{4}$	0	$\frac{31}{8}$
$[1^3]$	$\frac{3185}{2}$	377	362	$\frac{4663}{2}$
$[1^3, 4^1]$	5	1	0	6
$[1^3, 3^1]$	$\frac{200}{3}$	12	8	$\frac{260}{3}$
$[1^3, 2^1]$	216	$\frac{81}{2}$	$\frac{49}{2}$	281
$[1^3, 2^2]$	$\frac{71}{4}$	1	$\frac{3}{2}$	$\frac{81}{4}$
$[1^3, 2^3]$	$\frac{3}{2}$	$\frac{1}{2}$	0	2
$[1^4]$	$\frac{801}{4}$	$\frac{165}{8}$	$\frac{50}{3}$	$\frac{5701}{24}$
$[1^4, 3^1]$	$\frac{31}{3}$	1	$\frac{1}{3}$	$\frac{35}{3}$
$[1^4, 2^1]$	42	2	1	45
$[1^4, 2^2]$	$\frac{5}{2}$	0	0	$\frac{5}{2}$
$[1^5]$	18	0	0	18
$[1^5, 2^1]$	5	0	0	5
$[1^6]$	$\frac{7}{6}$	0	0	$\frac{7}{6}$
$[1^6, 2^1]$	$\frac{7}{8}$	0	0	$\frac{7}{8}$
$[1^7]$	$\frac{7}{12}$	0	0	$\frac{7}{12}$