## Additional tables for melting temperatures

Here, we list the complete results of our implementation that computes the melting temperature of the codewords determined by an enumerative encoding. Table 2 provides the total number of codewords with a melting temperature between 50 and 62 °C for codeword lengths  $n \in [16, 22]$  and the four collections of partitions satisfying  $|R_1| = |R_2| = 3$ ,  $|R_3| = \cdots = |R_{n-1}| = 0$ . Table 3 provides the number of codewords with an appropriate melting temperature, between 50 and 62 °C, divided into bins of a width of 2 °C for the same parameter values. Furthermore, Table 4 provides the counts of the codewords with too high melting temperature and a prefix with an appropriate melting temperature for  $n \in [17, 22]$ . A ratio to the total number of codewords is also given.

In the second part, we provide the number of codewords with an appropriate melting temperature, between 50 and 62 °C for codeword length  $n \in [16, 18]$  obtained by Construction 7 using collections of pseudopartitions satisfying  $|R_1| = |R_2| = 3$ ,  $|R_4| = 1$ ,  $|R_3| = |R_5| = \cdots = |R_{n-1}| = 0$ . The results are given in Tables 5, 6 and 7. For compactness, we enumerate the collections of pseudopartitions satisfying  $|R_1| = |R_2| = 3$ ,  $|R_4| = 1$ ,  $|R_3| = |R_5| = \cdots = |R_{n-1}| = 0$  using numbers  $0 \dots 35$  as follows. For  $0 \le i \le 7$ ,  $L_1 = \{T\}$ . For  $0 \le i \le 15$ ,  $0 \le$ 

```
R_4 = \{GCAA\}
     R_4 = \{AATT\}
                                                    R_4 = \{ACGG\}
     R_4 = \{ACTT\}
                            R_4 = \{GGAA\}
                                                     R_4 = \{ATGG\}
                                                     R_4 = \{AAGG\}
     R_4 = \{AGTT\}
                             R_4 = \{\text{GTAA}\}
     R_4 = \{\text{CATT}\}
                             R_4 = \{\text{TCAA}\}
                                                     R_4 = \{GGCC\}
                        15
                                                27
     R_4 = \{\text{CCTT}\}
                             R_4 = \{TGAA\}
                                                28
                                                     R_4 = \{GTCC\}
                        16
     R_4 = \{CGTT\}
                                                     R_4 = \{GACC\}
                        17
                             R_4 = \{\text{TTAA}\}
                                                29
 6
     R_4 = \{GATT\}
                        18
                             R_4 = \{CCGG\}
                                                30
                                                     R_4 = \{TGCC\}
     R_4 = \{GCTT\}
                            R_4 = \{\text{CTGG}\}
                                                     R_4 = \{TTCC\}
                        19
                                                31
                                                     R_4 = \{TACC\}
     R_4 = \{GGTT\}
                        20
                             R_4 = \{CAGG\}
                                                32
                                                     R_4 = \{AGCC\}
     R_4 = \{CCAA\}
                             R_4 = \{TCGG\}
                                                33
                        21
     R_4 = \{CGAA\}
                        22
                             R_4 = \{TTGG\}
                                                34
                                                     R_4 = \{ATCC\}
10
     R_4 = \{\text{CTAA}\}
                       23
                             R_4 = \{TAGG\}
                                               35
                                                     R_4 = \{AACC\}
```

Table 1: Bijection between the enumeration of a collection of pseudopartition and the set  $R_4$ .

$\overline{n}$	pseudopartition	total number of codewords
16	$L_1 = \{T\}$	18,749,432
	$L_1 = \{A\}$	17,993,206
	$L_1 = \{G\}$	14,808,520
	$L_1 = \{C\}$	15,330,152
17	$L_1 = \{T\}$	114, 203, 390
	$L_1 = \{A\}$	109,957,507
	$L_1 = \{G\}$	90, 135, 211
	$L_1 = \{C\}$	92,099,880
18	$L_1 = \{ \mathbf{T} \}$	602,846,334
	$L_1 = \{A\}$	584, 371, 792
	$L_1 = \{G\}$	485, 483, 066
	$L_1 = \{C\}$	494,068,828
19	$L_1 = \{T\}$	2,863,933,049
	$L_1 = \{A\}$	2,795,425,423
	$L_1 = \{G\}$	2,401,778,337
	$L_1 = \{\mathcal{C}\}$	2,422,638,763
20	$L_1 = \{T\}$	12,459,558,385
	$L_1 = \{A\}$	12,241,672,008
	$L_1 = \{G\}$	10,971,136,102
0.1	$L_1 = \{C\}$	11,035,878,720
21	$L_1 = \{T\}$	50,713,490,969
	$L_1 = \{A\}$	50, 147, 985, 788
	$L_1 = \{G\}$	47, 157, 222, 648
00	$L_1 = \{\mathcal{C}\}$	47, 313, 926, 922
22	$L_1 = \{T\}$	196, 155, 156, 505
	$L_1 = \{A\}$	195, 454, 115, 500
	$L_1 = \{G\}$	193, 189, 409, 823
	$L_1 = \{C\}$	193, 115, 531, 186

Table 2: The number of codewords in a non-overlapping code having a melting temperature from 50 °C to 62 °C for the different choices of the collection of the pseudopartitions with  $L_2 = R_3 = \cdots = R_{n-1} = \emptyset$ .

Table 3: The number of codewords in a non-overlapping code having a melting temperature from  $50\,^{\circ}$ C to  $62\,^{\circ}$ C divided into intervals of  $2\,^{\circ}$ C for the different choices of the collection of the pseudopartitions with  $L_2 = R_3 = \cdots = R_{n-1} = \emptyset$ .

the diffe	rent choices of the	collection of the pse	udopartitions with	the different choices of the collection of the pseudopartitions with $L_2 = R_3 = \cdots = R_{n-1} = \emptyset$ .	$-1 = \emptyset$ .		
u	pseudopartition	50 °C to $52$ °C	$52^{\circ}\mathrm{C}$ to $54^{\circ}\mathrm{C}$	$54^{\circ}\mathrm{C}$ to $56^{\circ}\mathrm{C}$	56 °C to $58$ °C	58 °C to $60$ °C	$60^{\circ}\mathrm{C}$ to $62^{\circ}\mathrm{C}$
16	$L_1 = \{\mathrm{T}\}$	7, 929, 319	5,241,461	3, 215, 031	1,479,254	686, 593	197, 774
		7,612,090	4,979,719	3,169,864	1,416,939	617,150	197,444
	$L_1 = \{G\}$	6,544,007	4,181,070	2,336,860	1,105,024	478,298	163,261
		6,724,940	4,277,252	2,450,282	1,178,874	522,463	176,341
17	$L_1=\{\mathrm{T}\}$	40,787,193	31,238,359	22,245,133	11,575,399	5,809,692	2,547,609
		39,414,309	30,234,810	21,206,519	11, 117, 220	5,556,013	2,428,636
	=	35,405,834	25,345,183	15,719,685	8,151,407	3,959,244	1,553,858
		35,639,859	25,933,606	16,091,926	8,559,287	4,176,296	1,698,906
18	$L_1=\{\mathrm{T}\}$	177,259,777	158, 131, 198	124,926,348	77,340,638	42,956,167	22,232,206
		175,659,104	152,645,396	119, 190, 172	74,382,600	41,217,629	21,276,891
		166,827,966	133,943,794	91,818,160	52,939,667	27, 576, 211	12,377,268
	$L_1 = \{C\}$	168,073,984	135, 504, 955	93,477,651	54,721,761	29,062,012	13,228,465
19		683, 139, 960	698,020,403	610,953,888	444,227,645	271, 113, 002	156,478,151
	$L_1=\{\mathrm{A}\}$	687,015,228	682,304,802	588, 177, 235	429, 250, 883	259, 722, 589	148,954,686
		715,266,299	634,042,019	482,775,420	309,882,199	173, 118, 010	86,694,390
		708,513,776	639,760,677	486,581,266	316,465,960	180,619,129	90,697,955
20		2,368,161,463	2,722,659,675	2,682,829,563	2,209,686,343	1,531,687,572	944,533,769
		2,397,364,352	2708043931	2615009124	2160721261	1,461,619,481	898,913,859
	$L_1 = \{G\}$	2,764,029,836	2,728,635,170	2,303,866,336	1,630,972,791	1,002,996,048	540,635,921
	]	2,736,760,750	2,735,347,625	2,309,283,481	1,657,276,434	1,029,889,032	567, 321, 398
21	$L_1=\{\mathrm{T}\}$	7,417,072,870	9,652,426,090	10,731,489,290	9,990,488,351	7,771,169,113	5, 150, 845, 255
		7,576,907,680	9,782,481,523	10, 545, 665, 742	9,814,174,796	7,510,872,502	4,917,883,545
	$L_1 = \{G\}$	9,798,912,272	10,870,355,833	10, 172, 689, 825	7,944,869,563	5,341,832,530	3,028,562,625
	$L_1 = \{\mathcal{C}\}$	9,740,191,809	10,790,585,197	10, 140, 088, 717	8,050,246,629	5,454,714,504	3,138,080,066
22		21,230,911,945		39,421,722,322	41, 271, 173, 242	36,027,005,691	26,528,089,290
	$L_1 = \{ \mathbf{A} \}$	22, 243, 220, 612	32,397,787,910	39,335,130,810	40,642,462,075	35, 197, 552, 398	25,637,961,695
	$L_1 = \{G\}$	32,008,480,412	40,364,274,472	41,875,923,917	36, 217, 719, 498	26, 428, 388, 595	16,294,622,929
	$L_1 = \{C\}$	31,620,495,253	39,860,246,873	41,693,577,002	36,406,524,598	26,799,366,986	16,735,320,474

$\overline{n}$	pseudopartition	words with an	ratio to more	ratio to all
		appropriate prefix	stable words	words
17	$L_1 = \{T\}$	147,977	16.17%	0.05%
	$L_1 = \{A\}$	2,273,17	23.81%	0.07%
	$L_1 = \{G\}$	496,627	77.77%	0.16%
	$L_1 = \{C\}$	582, 385	77.58%	0.19%
18	$L_1 = \{T\}$	5,777,765	54.12%	0.48%
	$L_1 = \{A\}$	5,479,539	53.80%	0.46%
	$L_1 = \{G\}$	5,877,443	93.88%	0.49%
	$L_1 = \{C\}$	6,633,821	94.54%	0.56%
19	$L_1 = \{T\}$	78, 452, 133	82.35%	1.73%
	$L_1 = \{A\}$	74,047,830	81.73%	1.64%
	$L_1 = \{G\}$	46,422,660	96.72%	1.03%
	$L_1 = \{C\}$	515,843,86	96.89%	1.14%
20	$L_1 = \{T\}$	673, 479, 776	91.12%	3.93%
	$L_1 = \{A\}$	641, 311, 242	90.83%	3.74%
	$L_1 = \{G\}$	339, 121, 624	98.30%	1.98%
	$L_1 = \{C\}$	365, 278, 380	98.35%	2.13%
21	$L_1 = \{ \mathbf{T} \}$	4,693,886,054	94.99%	7.22%
	$L_1 = \{A\}$	4,460,609,633	94.79%	6.86%
	$L_1 = \{G\}$	2,277,020,366	99.03%	3.50%
	$L_1 = \{C\}$	2,422,141,428	99.05%	3.73%
22	$L_1 = \{T\}$	28, 397, 301, 703	96.80%	11.5%
	$L_1 = \{A\}$	26,945,212,692	96.65%	10.93%
	$L_1 = \{G\}$	13,644,103,059	99.38%	5.54%
	$L_1 = \{C\}$	14,416,839,648	99.40%	5.85%

Table 4: The number of codewords with melting temperature over  $62\,^{\circ}\text{C}$  that have a 16-letter prefix with a melting temperature at most  $62\,^{\circ}\text{C}$ , and the ratio to the number of all codewords with melting temperature over  $62\,^{\circ}\text{C}$  for the different choices of the collection of pseudopartitions with  $L_2 = R_3 = \cdots = R_{n-1} = \emptyset$ .

Table 5: The number of codewords in a non-overlapping code of length 16 having a melting temperature from 50 °C to 62 °C divided into intervals of 2 °C for the different choices of the collection of the pseudopartitions from Table 1.

	0.5 C to 0.4 C	$54^{\circ}{ m C}$ to $56^{\circ}{ m C}$	56 °C to $58$ °C	58 °C to $60$ °C	$60^{\circ}\text{C}$ to $62^{\circ}\text{C}$	total
7,722,524	10	3, 168, 072	1,458,534	682, 742	196,969	18, 335, 299
7,556,229	5,018,746	3,071,072	1,424,329	663,344	193,923	927,
7,556,229	5,018,746	3,071,072	1,424,329	663,344	193,923	17,927,643
7,549,541	4,961,153	3,048,114	1,404,572	654,031	191,847	17,809,258
7,412,490	4,863,018	2,912,960	1,297,729	603,470	165,674	17,255,341
7,438,741	4,816,902	2,817,209	1,259,818	555,230	153,885	17,041,785
7,552,246	5,002,918	3,061,849	1,420,992	663,840	193,011	17,894,856
7,427,737	4,826,495	2,830,669	1,274,988	561,601	156,939	17,078,429
7,397,724	4,864,634	2,875,837	1,289,686	590, 988	163,548	17, 182, 417
7,102,524	4,599,536	2,817,278	1,228,573	518, 268	160,155	16,426,334
7,100,731	4,586,038	2,787,645	1,218,399	518,461	156,740	16,368,014
7,257,784	4,798,650	3,045,872	1,374,444	603,587	193, 793	17,274,130
7,146,245	4,531,994	2,763,849	1,189,110	475, 706	149,979	16,256,883
7,098,350	4,603,077	2,867,683	1,235,155	549,633	165,983	16,519,881
7,239,857	4,778,142	3,033,645	1,369,942	602,886	193,694	17,218,166
7,243,748	4,740,313	3,017,734	1,360,971	595, 389	193,548	17, 151, 703
7,243,748	4,740,313	3,017,734	1,360,971	595, 389	193,548	17, 151, 703
7,431,518	4,879,894	3,133,180	1,405,900	614,963	197,309	17,662,764
6,398,402	4,139,155	2,383,985	1,162,696	513,911	190,413	14,788,562
6,583,044	4,230,949	2,404,162	1,140,786	498,722	170,239	15,027,902
6,583,044	4,230,949	2,404,162	1,140,786	498,722	170,239	15,027,902
6,591,066	4,239,087	2,424,861	1,153,147	500,740	173,955	15,082,856
6,619,756	4,261,000	2,382,076	1,124,876	487,033	165, 146	15,039,887
6,639,010	4,226,506	2,367,160	1,115,442	481,505	164,026	14,993,649
6,570,345	4,231,513	2,429,440	1,151,840	506,852	174,557	15,064,547
6,626,204	4,243,724	2,381,203	1,121,657	485,896	164,727	15,023,411
6,630,035	4,243,388	2,379,471	1,121,050	485,597	164,817	15,024,358
6,565,301	4,224,534	2,489,424	1,228,990	567,754	203, 300	15,279,303
6,766,156	4,331,903	2,515,761	1,216,417	541,993	183,272	15,555,502
6,766,156	4,331,903	2,515,761	1,216,417	541,993	183, 272	15,555,502
6,709,610	4,331,259	2,542,133	1,227,529	559,076	188, 782	15,558,389
6,811,005	4,344,212	2,493,109	1,196,452	530,062	177,944	15,552,784
6,818,950	4,329,401	2,486,947	1,191,192	526,625	177,396	15,530,511
6,763,122	4,329,937	2,537,239	1,223,536	551,884	186,812	15,592,530
		2,490,291	1,193,025	528,357	177,692	15,537,751
6,803,018	4,351,248	2,494,549	1,198,148	530,673	178,429	15,556,065

Table 6: The number of codewords in a non-overlapping code of length 17 having a melting temperature from 50 °C to 62 °C divided into intervals of 2 °C for the different choices of the collection of the partitions from Table 1.

30, 277, 649         21, 764, 995         11, 330, 372         5, 726, 338         2, 462, 648         101, 500, 500, 500, 500, 500, 500, 500,	50°C to 52°C 52°C to 54°C	52°C to 54°C		54°C to 56°C 58°C	$58^{\circ}$ C to $60^{\circ}$ C	$60^{\circ}$ C to $62^{\circ}$ C	total
29, 972, 209         21, 21, 537         11, 102, 087         5, 585, 338         2, 462, 648         11           29, 972, 209         21, 21, 537         11, 102, 087         5, 586, 338         2, 462, 648         11           29, 972, 209         21, 21, 537         11, 102, 087         5, 583, 319         2, 442, 592         11, 102, 084           29, 677, 501         20, 777, 301         10, 404, 478         5, 583, 399         2, 466, 074         11, 102, 084           29, 677, 501         20, 777, 301         10, 376, 397         4, 947, 681         2, 466, 074         11, 102, 084           29, 725, 201         20, 465, 130         10, 359, 509         5, 563, 389         2, 461, 779         10, 107, 299         11, 107, 298           29, 725, 201         20, 565, 814         10, 409, 638         4, 899, 453         2, 481, 409         2, 043, 749         1, 107, 298         2, 041, 779         10, 107, 107, 107, 107, 107, 108         1, 107, 288         1, 107, 107, 107, 107, 107, 107, 107, 10		30, 277, 649	21, 764, 995	11,350,372	5, 729, 525	2, 532, 593	111, 193, 601
29, 972, 200         21, 221, 537         11, 102, 084         5, 555, 338         2, 442, 642         4, 91, 763           29, 673, 220         20, 727, 301         10, 404, 478         5, 596, 338         2, 442, 592         1           29, 653, 220         20, 727, 301         10, 404, 478         5, 583, 639         2, 187, 478         2           29, 653, 220         20, 727, 301         10, 376, 397         4, 977, 681         2, 900, 648         1           29, 675, 591         20, 405, 130         10, 376, 397         4, 517, 681         2, 900, 648         1           29, 720, 188         19, 505, 814         10, 401, 100         5, 172, 266         2, 107, 769         1           28, 720, 188         19, 429, 638         9, 951, 470         4, 804, 100         2, 903, 20         2, 107, 769         1           28, 720, 188         19, 429, 638         9, 951, 470         4, 840, 100         2, 003, 20         2, 107, 769         1         1, 961, 415         2, 107, 769         1         1, 961, 415         1         3, 60, 50         2, 107, 769         1         1, 961, 415         1, 961, 415         1         3, 60, 50         2, 103, 740         1         1, 961, 415         1         1, 961, 415         2, 107, 417         1         1, 100, 60 <td></td> <td>29,972,209</td> <td>21, 221, 537</td> <td>11, 102, 087</td> <td>5, 585, 338</td> <td>2,462,648</td> <td>109, 520, 848</td>		29,972,209	21, 221, 537	11, 102, 087	5, 585, 338	2,462,648	109, 520, 848
29, 673, 247         10, 104, 715         11, 1012, 024         5, 400, 545         2, 442, 552         11           29, 663, 296         20, 727, 301         10, 404, 478         5, 263, 219         2, 187, 478         1           29, 663, 591         20, 727, 301         10, 404, 478         5, 263, 219         2, 187, 478         1           29, 667, 591         20, 366, 130         11, 108, 597         5, 538, 696         2, 456, 074         1           29, 720, 258         20, 405, 130         10, 359, 309         5, 179, 296         2, 676, 777         1           29, 720, 258         20, 405, 138         1, 960, 478         1, 041, 100         5, 179, 296         2, 170, 769           29, 720, 188         19, 530, 218         9, 960, 883         4, 840, 100         2, 081, 370         1, 681, 445         2, 91, 100         2, 170, 769           29, 0.68, 324         20, 636, 324         10, 603, 452         4, 840, 100         2, 981, 445         2, 91, 445         2, 91, 445         1, 91, 445         1, 91, 445         1, 91, 445         1, 91, 445         1, 91, 445         1, 91, 445         1, 91, 444         1, 91, 444         1, 91, 444         1, 91, 444         1, 91, 444         1, 91, 444         1, 91, 444         1, 91, 444         1, 91, 444         1, 91, 444	_	29,972,209	21, 221, 537	11, 102, 087	5, 585, 338	2,462,648	109, 520, 848
29, 653, 226         20, 727, 301         10, 404, 478         5, 268, 219         2, 187, 478         1           29, 667, 391         20, 356, 194         10, 376, 397         4, 947, 681         2, 960, 648         1           29, 92, 110         21, 176, 769         10, 376, 397         5, 558, 696         2, 466, 074         1           29, 720, 258         20, 405, 130         10, 359, 509         5, 563, 696         2, 177, 769         1           29, 720, 288         20, 565, 814         10, 401, 100         5, 173, 296         2, 103, 70         1           28, 724, 188         19, 550, 218         9, 951, 470         4, 800, 100         2, 008, 250         2, 173, 296         2, 173, 769         1           29, 686, 244         20, 188, 144         5, 322, 488         2, 981, 100         5, 118, 445         2, 009, 646         1         1         1         2, 981, 100         2, 108, 248         4, 637, 493         1, 961, 415         1         2, 982, 248         4, 637, 493         1, 961, 415         1         1         2, 982, 342         4, 637, 493         1, 961, 415         1         1         2, 982, 342         4, 637, 493         1, 413, 400         1, 638, 872         2, 983, 342         2, 993, 463         2, 993, 463         2, 993, 463         2,	_	29,770,471	21,094,715	11,012,024	5,490,545	2,442,592	109,067,007
29, 667, 561         20, 667, 561         2, 060, 648         1           29, 922, 110         20, 356, 194         10, 376, 387         4, 547, 681         2, 060, 648         1           29, 922, 110         21, 176, 750         11, 108, 597         5, 538, 696         2, 466, 074         1           29, 720, 284         20, 405, 130         10, 359, 388         9, 561, 470         5, 179, 296         2, 101, 779         1           28, 720, 288         20, 405, 389         20, 405, 389         2, 606, 389         2, 604, 370         10, 688, 374         1, 604, 415         1           28, 714, 500         19, 529, 138         19, 329, 138         9, 581, 440         4, 840, 100         2, 608, 224         2, 604, 415         1           28, 600, 916         19, 329, 138         9, 581, 440         4, 637, 493         1, 604, 415         1         1, 604, 415         1         1         1         1         1         1         1         1         1         1         2         1         1         2         1         1         2         1         2         2         1         2         2         2         2         2         2         2         2         2         2         2         2 <t< td=""><td>6</td><td>29,653,226</td><td>20,727,301</td><td>10,404,478</td><td>5,263,219</td><td>2,187,478</td><td>107,398,161</td></t<>	6	29,653,226	20,727,301	10,404,478	5,263,219	2,187,478	107,398,161
29,932,110         21,176,750         11,085,597         5,553,666         2,456,074         11           29,726,284         20,405,130         10,401,100         5,1479,286         2,043,740         170,298           29,726,291         20,405,134         10,401,100         5,179,296         2,043,740         170,298           29,726,291         20,665,814         10,401,100         5,1179,298         2,043,740         1,040,100           28,729,188         19,530,188         9,950,835         4,899,453         2,043,740         1,061,415           28,650,273         19,359,198         9,872,884         4,637,493         1,961,415         1,961,415           28,650,273         19,20,786         10,686,155         5,323,366         2,344,237         1,961,415           28,650,273         19,359,198         9,872,884         4,637,493         1,961,415         1,961,415           28,650,273         20,168,024         10,626,955         5,323,066         2,344,237         1,961,415           28,894,587         20,168,024         10,626,955         5,323,066         2,344,237         1,633,647           28,894,587         20,168,024         10,626,955         5,323,066         2,344,237         1,632,403           28,547,742 </td <td>9</td> <td>29,667,591</td> <td>20,356,194</td> <td>10,376,397</td> <td>4,947,681</td> <td>2,090,648</td> <td>106,996,894</td>	9	29,667,591	20,356,194	10,376,397	4,947,681	2,090,648	106,996,894
29,720,285         20,405,130         10,359,509         5,050,389         2,017,299         1           29,725,291         20,565,814         10,401,100         5,179,296         2,170,769         1           28,725,188         19,500,218         9,950,835         4,890,433         2,043,740         1           28,774,560         19,429,638         9,951,470         4,840,100         2,008,250         1           28,670,916         19,359,70         10,689,144         5,392,248         2,361,012         1           28,670,273         19,359,70         10,689,155         5,822,248         2,361,012         1           28,670,273         19,359,70         10,689,155         5,823,166         2,345,327         1           29,029,076         20,255,066         10,669,155         5,823,166         2,344,237         1           28,844,587         20,168,024         10,669,155         5,823,166         2,344,237         1           29,454,809         20,796,984         10,669,155         5,333,66         2,344,237         1           29,454,809         20,796,984         10,669,155         5,334,66         2,344,237         1           28,454,702         10,680,533         8,428,002         4,111,890 </td <td>67</td> <td>29,932,110</td> <td>21, 176, 750</td> <td>11,085,597</td> <td>5,553,696</td> <td>2,456,074</td> <td>109, 377, 946</td>	67	29,932,110	21, 176, 750	11,085,597	5,553,696	2,456,074	109, 377, 946
29, 725, 291         20, 555, 814         10, 401, 100         5, 179, 296         2, 170, 769         1           28, 729, 188         19, 530, 218         9, 951, 470         4, 899, 453         2, 043, 740         1           28, 774, 56         19, 429, 638         9, 951, 470         4, 840, 100         2, 008, 320         1           29, 086, 324         20, 359, 700         10, 688, 144         5, 392, 248         2, 361, 012         1           29, 086, 324         20, 359, 198         9, 872, 884         4, 637, 493         1, 961, 415         1           28, 630, 916         19, 250, 668         10, 669, 155         5, 323, 666         2, 365, 382         1           28, 894, 587         20, 168, 024         10, 669, 955         5, 323, 666         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 669, 955         5, 323, 666         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 666, 955         5, 323, 666         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 666, 955         5, 323, 666         2, 344, 237         1           28, 454, 809         20, 168, 024         10, 666, 955         5, 323, 666         2, 344, 237         1	80	29,720,258	20,405,130	10,359,509	5,050,389	2,091,299	107,061,893
28, 729, 188         19, 530, 218         9,950, 835         4, 899, 453         2, 043, 740         1           28, 714, 560         19, 430, 638         9,950, 835         4, 840, 100         2, 088, 250         1           29, 086, 324         20, 359, 700         10, 688, 144         5, 322, 248         2, 301, 1012         1           29, 086, 324         19, 359, 198         9, 872, 884         4, 637, 493         1, 961, 415         1           28, 650, 916         19, 575, 106         10, 669, 155         5, 323, 106         2, 046, 41         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 669, 555         5, 323, 056         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 662, 955         5, 323, 056         2, 344, 237         1           28, 844, 587         20, 168, 024         10, 663, 153         8, 444, 89         1, 111, 890         1, 651, 170           29, 467, 742         16, 086, 653         8, 484, 408         4, 147, 564         1, 651, 170	65	29,725,291	20,565,814	10,401,100	5,179,296	2,170,769	107,242,035
28, 714, 560         19, 429, 638         9,951, 470         4,840, 100         2,008, 250           29, 066, 324         20, 337, 700         10, 688, 144         5, 392, 248         2, 381, 1012         11           28, 650, 916         19, 730, 768         9, 971, 470         5, 018, 445         2, 367, 493         1, 961, 415         11           28, 650, 916         19, 730, 768         9, 981, 100         5, 018, 445         2, 018, 465         1, 966, 415         1, 961, 415         1, 10           28, 802, 273         19, 720, 768         9, 981, 100         5, 302, 316         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 332, 056         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 332, 306         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 332, 306         2, 344, 237         1           29, 448, 809         20, 168, 024         10, 626, 955         5, 332, 306         2, 344, 237         1           24, 923, 527         16, 086, 653         8, 424, 090         4, 111, 890         1, 651, 700         1, 651, 700           25, 547, 742         16, 081, 63         8, 424, 090 <t< td=""><td>84</td><td>28,729,188</td><td>19,530,218</td><td>9,950,835</td><td>4,899,453</td><td>2,043,740</td><td>103,046,018</td></t<>	84	28,729,188	19,530,218	9,950,835	4,899,453	2,043,740	103,046,018
29, 086, 324         20, 359, 700         10, 688, 144         5, 392, 248         2, 361, 012           28, 650, 916         19, 359, 188         9, 872, 884         4, 637, 433         1, 961, 415         1           28, 650, 916         19, 359, 188         9, 872, 884         4, 637, 433         1, 961, 415         1           28, 620, 976         20, 255, 066         10, 669, 155         5, 323, 056         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           29, 484, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           29, 487         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           29, 487         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           29, 487, 742         16, 086, 653         8, 424, 090         4, 111, 890         1, 631, 987         1, 631, 989           25, 547, 742         16, 086, 653         8, 424, 090         4, 111, 890         1, 633, 877         1, 631, 897           25, 547, 742         16, 169, 163         8, 331, 307         4, 111, 890         1, 633, 877         1, 633, 877	322	28,714,560	19,429,638	9,951,470	4,840,100	2,008,250	102,942,640
28, 650, 916         19, 359, 198         9, 872, 884         4, 637, 493         1, 961, 415         1           28, 620, 273         19, 720, 768         9, 981, 100         5, 018, 445         2, 099, 666         1           28, 620, 273         19, 720, 768         10, 669, 155         5, 362, 316         2, 369, 566         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           29, 454, 809         20, 766, 984         10, 967, 977         5, 504, 751         2, 419, 770         1           24, 923, 527         16, 886, 653         8, 424, 000         4, 111, 890         1, 765, 180         1, 765, 180           25, 547, 742         16, 169, 163         8, 424, 000         4, 111, 890         1, 639, 877         1, 639, 877           25, 547, 742         16, 169, 163         8, 424, 000         4, 111, 890         1, 639, 877         1, 639, 877           25, 547, 742         16, 169, 163         8, 484, 498         4, 147, 564         1, 661, 513         1, 563, 877           25, 547, 742         16, 169, 163         8, 484, 498         4, 147, 564         1, 661, 513         1, 564, 414           25, 547, 742         16, 169, 163         8, 331, 307         4, 147, 564         1,	584	29,086,324	20,359,700	10,688,144	5,392,248	2,361,012	105,651,112
28, 620, 273         19, 720, 768         9,981, 100         5,018, 445         2,099, 646         1           29, 029, 076         20, 255, 066         10, 669, 155         5,323, 056         2,335, 382         1           29, 93, 076         20, 168, 024         10, 626, 955         5,323, 056         2,344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5,323, 056         2,344, 237         1           29, 454, 809         20, 796, 984         10, 967, 977         5, 504, 751         2, 419, 790         1           29, 454, 809         20, 796, 984         10, 626, 977         5, 504, 751         2, 419, 790         1           24, 923, 527         16, 086, 653         8, 424, 909         4, 111, 800         1, 661, 518           25, 541, 77         16, 086, 653         8, 424, 408         4, 147, 564         1, 661, 513           25, 541, 77         16, 169, 163         8, 484, 498         4, 147, 564         1, 661, 513           25, 541, 77         16, 169, 106         8, 331, 307         4, 053, 781         1, 569, 471           25, 512, 414         16, 049, 106         8, 313, 307         4, 053, 781         1, 578, 341           25, 473, 346         16, 176, 629         8, 298, 609         4,	655	28,650,916	19,359,198	9,872,884	4,637,493	1,961,415	102, 771, 561
29, 029, 076         20, 255, 066         10, 669, 155         5, 362, 316         2, 355, 362         1           28, 884, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           29, 454, 809         20, 796, 984         10, 665, 957         5, 504, 751         2, 442, 237         1           24, 923, 527         15, 818, 625         8, 458, 090         4, 111, 890         1, 639, 857         1           25, 547, 742         16, 086, 653         8, 424, 090         4, 111, 890         1, 639, 857         1           25, 547, 742         16, 169, 163         8, 484, 498         4, 117, 564         1, 661, 513         1           25, 547, 742         16, 169, 163         8, 484, 498         4, 117, 564         1, 661, 513         1           25, 547, 742         16, 169, 163         8, 484, 498         4, 117, 564         1, 661, 513         1           25, 547, 742         16, 169, 163         8, 484, 498         4, 117, 564         1, 578, 341         1           25, 547, 742         16, 160, 049, 106         8, 301, 362         4, 040, 121         1, 578, 341 <t< td=""><td>538</td><td>28,620,273</td><td>19,720,768</td><td>9,981,100</td><td>5,018,445</td><td>2,099,646</td><td>103, 228, 770</td></t<>	538	28,620,273	19,720,768	9,981,100	5,018,445	2,099,646	103, 228, 770
28, 894, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           28, 894, 587         20, 168, 024         10, 626, 955         5, 323, 056         2, 344, 237         1           29, 454, 809         20, 796, 994         10, 626, 957         8, 424, 090         4, 111, 890         1, 765, 180           25, 547, 742         16, 086, 653         8, 424, 090         4, 111, 890         1, 633, 857           25, 547, 742         16, 086, 653         8, 484, 498         4, 147, 564         1, 661, 513           25, 547, 742         16, 049, 106         8, 331, 307         4, 053, 781         1, 580, 441           25, 547, 742         16, 049, 106         8, 331, 307         4, 053, 781         1, 580, 441           25, 547, 742         16, 049, 106         8, 331, 307         4, 053, 781         1, 580, 441           25, 547, 182         16, 049, 106         8, 331, 307         4, 053, 781         1, 580, 441           25, 547, 182         16, 049, 106         8, 313, 307         4, 040, 121         1, 572, 322           25, 753, 343         16, 042, 993         8, 298, 698         4, 400, 121	703	29, 029, 076	20,255,066	10,669,155	5,362,316	2, 355, 362	105,418,678
28,894,587         20,168,024         10,626,955         5,333,056         2,344,237         1           29,454,809         20,766,984         10,967,977         5,544,751         2,419,790         1           24,923,527         15,818,625         8,428,002         4,111,890         1,639,857         1,765,180           25,547,742         16,086,653         8,424,090         4,111,890         1,639,857         1,639,857           25,547,742         16,086,653         8,424,090         4,111,890         1,639,857         1,639,857           25,547,742         16,049,106         8,331,307         4,147,564         1,661,513         1,580,411           25,547,7182         15,699,277         8,269,918         4,147,564         1,661,513         1,580,407           25,497,080         16,176,629         8,331,307         4,053,781         1,569,407         1,578,282           25,497,080         16,142,948         8,269,918         3,999,476         1,578,282         1,578,282           25,497,080         16,143,933         8,301,362         4,040,121         1,578,282         1,578,341           25,497,080         16,443,993         8,447,444         4,419,722         1,922,130         1,578,341           26,163,322	297	28,894,587	20, 168, 024	10,626,955	5,323,056	2,344,237	105, 176, 156
29, 454, 809         20, 796, 984         10, 967, 977         5, 504, 751         2, 419, 790         1           24, 923, 527         15, 818, 625         8, 458, 002         4, 191, 569         1, 765, 180         1, 639, 877           25, 547, 742         16, 086, 653         8, 424, 090         4, 111, 890         1, 639, 857           25, 541, 075         16, 169, 163         8, 484, 498         4, 147, 564         1, 661, 513           25, 541, 075         16, 169, 163         8, 484, 498         4, 147, 564         1, 661, 513           25, 812, 414         16, 049, 106         8, 343, 307         4, 653, 781         1, 580, 441           25, 812, 414         16, 049, 106         8, 349, 377         4, 170, 396         1, 673, 714           25, 497, 080         16, 176, 629         8, 467, 271         4, 170, 396         1, 578, 282           25, 753, 343         16, 042, 948         8, 298, 609         4, 035, 292         1, 578, 381           26, 163, 322         16, 452, 209         8, 844, 845         4, 419, 722         1, 578, 341           26, 163, 322         16, 452, 209         8, 842, 714         4, 329, 465         1, 782, 341           26, 163, 322         16, 420, 090         8, 774, 583         4, 225, 984         1, 772, 532	297	28,894,587	20, 168, 024	10,626,955	5,323,056	2,344,237	105, 176, 156
24, 923, 527         15,818, 625         8, 458, 002         4, 191, 569         1, 765, 180           25, 547, 742         16,086, 653         8, 424, 090         4, 111, 890         1, 639, 857           25, 547, 742         16,086, 653         8, 424, 090         4, 111, 890         1, 639, 857           25, 541, 742         16,169,163         8, 484, 498         4, 111, 890         1, 639, 857           25, 541, 742         16,169,163         8, 484, 498         4, 117, 564         1, 661, 513           25, 541, 7182         16,049,106         8, 331, 307         4, 053, 781         1, 580, 441           25, 497, 080         16,176, 629         8, 467, 271         4, 170, 396         1, 673, 714           25, 473, 343         16, 042, 948         8, 298, 609         4, 035, 292         1, 578, 282           25, 733, 760         16, 136, 652         8, 844, 845         4, 419, 722         1, 578, 341           26, 163, 322         16, 452, 209         8, 842, 714         4, 329, 465         1, 782, 341           26, 163, 322         16, 452, 209         8, 872, 714         4, 256, 984         1, 724, 506           26, 292, 534         16, 518, 663         8, 878, 894         4, 256, 981         1, 718, 089           26, 292, 534         16, 377, 4	686	29, 454, 809	20,796,984	10,967,977	5,504,751	2,419,790	107,413,300
25, 547, 742         16, 086, 653         8, 424, 090         4, 111, 890         1, 639, 857           25, 547, 742         16, 086, 653         8, 424, 090         4, 111, 890         1, 639, 857           25, 541, 075         16, 169, 163         8, 484, 498         4, 147, 564         1, 661, 513           25, 541, 075         16, 169, 163         8, 484, 498         4, 147, 564         1, 661, 513           25, 812, 414         16, 049, 106         8, 331, 307         4, 053, 781         1, 580, 441           25, 812, 414         16, 049, 106         8, 331, 307         4, 053, 781         1, 580, 441           25, 677, 182         16, 049, 106         8, 331, 307         4, 053, 781         1, 580, 441           25, 497, 080         16, 176, 629         8, 467, 271         4, 170, 396         1, 578, 382           25, 467, 980         16, 164, 652         8, 844, 845         4, 191, 722         1, 578, 331           26, 163, 322         16, 452, 209         8, 844, 845         4, 426, 984         1, 782, 341           26, 163, 322         16, 452, 209         8, 842, 714         4, 329, 465         1, 782, 341           26, 163, 322         16, 452, 209         8, 876, 732         4, 256, 984         1, 724, 206           26, 292, 534         1	806	24,923,527	15,818,625	8,458,002	4,191,569	1,765,180	89,634,811
25, 547, 742         16, 086, 653         8, 424, 090         4, 111, 890         1, 639, 857           25, 541, 075         16, 169, 163         8, 484, 498         4, 147, 564         1, 661, 513           25, 541, 075         16, 169, 163         8, 331, 307         4, 053, 781         1, 580, 441           25, 812, 414         16, 049, 106         8, 331, 307         4, 053, 781         1, 580, 441           25, 812, 414         16, 049, 106         8, 269, 918         3, 999, 476         1, 559, 407           25, 497, 080         16, 176, 629         8, 467, 271         4, 170, 396         1, 673, 714           25, 467, 980         16, 156, 652         8, 844, 845         4, 040, 121         1, 578, 331           26, 163, 322         16, 452, 209         8, 842, 714         4, 329, 465         1, 782, 341           26, 163, 322         16, 452, 209         8, 842, 714         4, 329, 465         1, 782, 341           26, 163, 322         16, 452, 209         8, 842, 714         4, 226, 984         1, 724, 206           26, 163, 322         16, 452, 099         8, 876, 732         4, 226, 984         1, 772, 206           26, 292, 534         16, 518, 663         8, 777, 283         4, 255, 921         1, 774, 206           26, 292, 534         1	, 442	25,547,742	16,086,653	8,424,090	4,111,890	1,639,857	91,138,674
25, 541, 075       16, 169, 163       8, 484, 498       4, 147, 564       1, 661, 513         25, 812, 414       16, 049, 106       8, 331, 307       4, 053, 781       1, 580, 441         25, 812, 414       16, 049, 106       8, 269, 918       3, 999, 476       1, 569, 407         25, 812, 414       16, 043, 993       8, 467, 271       4, 170, 396       1, 673, 714         25, 497, 080       16, 176, 629       8, 467, 271       4, 170, 396       1, 673, 714         25, 733, 760       16, 042, 948       8, 298, 609       4, 035, 292       1, 578, 031         26, 733, 760       16, 156, 652       8, 844, 845       4, 419, 722       1, 578, 031         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 163, 322       16, 452, 209       8, 876, 732       4, 26, 984       1, 724, 206         26, 163, 322       16, 452, 209       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 518, 663       8, 717, 283       4, 255, 921       1, 718, 089         26, 292, 534       16, 534, 526       8, 694, 002       4, 243, 639       1, 720, 119 <tr< td=""><td>,442</td><td>25,547,742</td><td>16,086,653</td><td>8,424,090</td><td>4,111,890</td><td>1,639,857</td><td>91,138,674</td></tr<>	,442	25,547,742	16,086,653	8,424,090	4,111,890	1,639,857	91,138,674
25, 812, 414       16, 049, 106       8, 331, 307       4, 053, 781       1, 580, 441         25, 677, 182       15, 969, 277       8, 269, 918       3, 999, 476       1, 569, 407         25, 497, 080       16, 176, 629       8, 467, 271       4, 170, 396       1, 673, 714         25, 753, 343       16, 042, 948       8, 298, 609       4, 035, 292       1, 578, 282         25, 467, 980       16, 156, 652       8, 844, 845       4, 419, 722       1, 578, 031         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 075, 116       16, 518, 663       8, 876, 732       4, 426, 984       1, 724, 206         26, 357, 045       16, 450, 090       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 342, 526       8, 689, 892       4, 230, 396       1, 718, 089         26, 292, 534       16, 345, 526       8, 689, 802       4, 230, 396       1, 720, 119         26, 298, 511       16, 346, 807       8, 732, 009       4, 243, 639       1, 725, 530         26, 298, 511       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530 <td>,378</td> <td>25,541,075</td> <td>16, 169, 163</td> <td>8, 484, 498</td> <td>4,147,564</td> <td>1,661,513</td> <td>91,260,191</td>	,378	25,541,075	16, 169, 163	8, 484, 498	4,147,564	1,661,513	91,260,191
25, 677, 182         15, 969, 277         8, 269, 918         3, 999, 476         1, 569, 407           25, 497, 080         16, 176, 629         8, 467, 271         4, 170, 396         1, 673, 714           25, 753, 343         16, 042, 948         8, 298, 609         4, 040, 121         1, 578, 282           25, 733, 760         16, 042, 948         8, 298, 609         4, 035, 292         1, 578, 031           25, 467, 980         16, 156, 652         8, 844, 845         4, 419, 722         1, 578, 031           26, 163, 322         16, 452, 209         8, 842, 714         4, 329, 465         1, 782, 341           26, 163, 322         16, 452, 209         8, 842, 714         4, 329, 465         1, 782, 341           26, 163, 322         16, 458, 663         8, 876, 773         4, 426, 984         1, 724, 206           26, 357, 045         16, 518, 663         8, 717, 283         4, 255, 921         1, 724, 206           26, 292, 534         16, 377, 452         8, 689, 892         4, 230, 396         1, 718, 089           26, 292, 534         16, 377, 452         8, 694, 002         4, 243, 639         1, 725, 530           26, 298, 511         16, 416, 807         8, 732, 009         4, 267, 107         1, 725, 530	,570	25,812,414	16,049,106	8,331,307	4,053,781	1,580,441	91,504,619
25, 497, 080       16, 176, 629       8, 467, 271       4, 170, 396       1, 673, 714         25, 753, 343       16, 043, 993       8, 301, 362       4, 040, 121       1, 578, 282         25, 733, 760       16, 042, 948       8, 298, 609       4, 035, 292       1, 578, 031         25, 467, 980       16, 156, 652       8, 844, 845       4, 419, 722       1, 578, 341         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 163, 322       16, 452, 209       8, 876, 732       4, 26, 984       1, 826, 365         26, 075, 116       16, 518, 663       8, 717, 283       4, 255, 921       1, 724, 206         26, 357, 045       16, 420, 090       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 534, 526       8, 878, 894       4, 230, 396       1, 718, 089         26, 298, 511       16, 534, 526       8, 694, 002       4, 243, 639       1, 720, 119         26, 373, 889       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530	, 108	25,677,182	15,969,277	8,269,918	3,999,476	1,569,407	91,379,368
25, 753, 343       16, 043, 993       8, 301, 362       4, 040, 121       1, 578, 282         25, 733, 760       16, 042, 948       8, 298, 609       4, 035, 292       1, 578, 031         25, 467, 980       16, 156, 652       8, 844, 845       4, 419, 722       1, 922, 130         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 075, 116       16, 518, 663       8, 876, 732       4, 26, 984       1, 724, 206         26, 357, 045       16, 420, 090       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 377, 452       8, 689, 892       4, 230, 396       1, 718, 089         26, 292, 534       16, 377, 452       8, 684, 002       4, 230, 396       1, 718, 089         26, 298, 511       16, 395, 945       8, 694, 002       4, 243, 639       1, 720, 119         26, 373, 889       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530	, 242	25,497,080	16, 176, 629	8,467,271	4,170,396	1,673,714	91,149,332
25, 733, 76016, 042, 9488, 298, 6094, 035, 2921, 578, 03125, 467, 98016, 156, 6528, 844, 8454, 419, 7221, 922, 13026, 163, 32216, 452, 2098, 842, 7144, 329, 4651, 782, 34126, 163, 32216, 452, 2098, 876, 7324, 229, 4651, 782, 34126, 075, 11616, 518, 6638, 876, 7324, 256, 9841, 826, 36526, 357, 04516, 420, 9908, 717, 2834, 255, 9211, 724, 20626, 292, 53416, 377, 4528, 689, 8924, 230, 3961, 718, 08926, 292, 51116, 534, 5268, 878, 8944, 372, 1521, 817, 53226, 298, 51116, 395, 9458, 732, 0094, 267, 1071, 725, 530	, 769	25, 753, 343	16,043,993	8,301,362	4,040,121	1,578,282	91,457,870
25, 467, 980       16, 156, 652       8, 844, 845       4, 419, 722       1, 922, 130         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 075, 116       16, 518, 663       8, 876, 732       4, 426, 984       1, 826, 365         26, 357, 045       16, 420, 990       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 377, 452       8, 689, 892       4, 230, 396       1, 718, 089         26, 102, 342       16, 347, 545       8, 878, 894       4, 372, 152       1, 817, 532         26, 298, 511       16, 395, 945       8, 694, 002       4, 243, 639       1, 720, 119         26, 373, 889       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530	, 742	25,733,760	16,042,948	8, 298, 609	4,035,292	1,578,031	91,447,382
26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 075, 116       16, 518, 663       8, 876, 732       4, 426, 984       1, 826, 365         26, 357, 045       16, 420, 090       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 377, 452       8, 689, 892       4, 230, 396       1, 718, 089         26, 102, 342       16, 534, 526       8, 878, 894       4, 372, 152       1, 817, 532         26, 298, 511       16, 395, 945       8, 694, 002       4, 243, 639       1, 720, 119         26, 373, 889       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530	, 393	25,467,980	16, 156, 652	8,844,845	4,419,722	1,922,130	91,440,722
26, 163, 322       16, 452, 209       8, 842, 714       4, 329, 465       1, 782, 341         26, 075, 116       16, 518, 663       8, 876, 732       4, 426, 984       1, 826, 365         26, 357, 045       16, 420, 090       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 377, 452       8, 689, 892       4, 230, 396       1, 718, 089         26, 102, 342       16, 534, 526       8, 878, 894       4, 372, 152       1, 817, 532         26, 298, 511       16, 395, 945       8, 694, 002       4, 243, 639       1, 720, 119         26, 373, 889       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530	,822	26, 163, 322	16,452,209	8,842,714	4,329,465	1,782,341	93, 126, 873
26, 075, 116       16, 518, 663       8, 876, 732       4, 426, 984       1, 826, 365         26, 357, 045       16, 420, 090       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 377, 452       8, 689, 892       4, 230, 396       1, 718, 089         26, 102, 342       16, 534, 526       8, 878, 894       4, 372, 152       1, 817, 532         26, 298, 511       16, 395, 945       8, 694, 002       4, 243, 639       1, 720, 119         26, 373, 889       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530	,822	26, 163, 322	16,452,209	8,842,714	4,329,465	1,782,341	93, 126, 873
26, 357, 045       16, 420, 090       8, 717, 283       4, 255, 921       1, 724, 206         26, 292, 534       16, 377, 452       8, 689, 892       4, 230, 396       1, 718, 089         26, 102, 342       16, 534, 526       8, 878, 894       4, 372, 152       1, 817, 532         26, 298, 511       16, 395, 945       8, 694, 002       4, 243, 639       1, 720, 119         26, 373, 889       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530	, 251	26,075,116	16,518,663	8,876,732	4,426,984	1,826,365	92,934,111
26, 292, 534       16, 377, 452       8, 689, 892       4, 230, 396       1, 718, 089         26, 102, 342       16, 534, 526       8, 878, 894       4, 372, 152       1, 817, 532         26, 298, 511       16, 395, 945       8, 694, 002       4, 243, 639       1, 720, 119         26, 373, 889       16, 416, 807       8, 732, 009       4, 267, 107       1, 725, 530	, 113	26,357,045	16,420,090	8, 717, 283	4,255,921	1,724,206	93,445,658
26, 102, 342     16, 534, 526     8, 878, 894     4, 372, 152     1, 817, 532       26, 298, 511     16, 395, 945     8, 694, 002     4, 243, 639     1, 720, 119       26, 373, 889     16, 416, 807     8, 732, 009     4, 267, 107     1, 725, 530	892	26,292,534	16,377,452	8,689,892	4,230,396	1,718,089	93,385,255
26, 298, 511     16, 395, 945     8, 694, 002     4, 243, 639     1, 720, 119       26, 373, 889     16, 416, 807     8, 732, 009     4, 267, 107     1, 725, 530	313	26,102,342	16,534,526	8,878,894	4,372,152	1,817,532	93, 166, 759
26, 373, 889 16, 416, 807 8, 732, 009 4, 267, 107 1, 725, 530	282	26,298,511	16,395,945	8,694,002	4,243,639	1,720,119	93,412,498
	142	373,	16,416,807	8,732,009		1,725,530	93,436,484

Table 7: The number of codewords in a non-overlapping code of length 18 having a melting temperature from 50 °C to 62 °C divided into intervals of 2 °C for the different choices of the collection of the partitions from Table 1.

1019	586 372 551	581,324,222	581,324,222	579,987,751	577, 179, 927	577, 523, 597	580, 755, 964	577,365,204	577,240,494	558,961,544	558,904,757	563,695,849	559, 199, 386	558,839,892	563, 110, 865	562,476,722	562,476,722	569,455,185	481,692,287	489, 182, 882	489, 182, 882	489,300,154	492,315,881	492,420,466	488, 787, 543	492,255,242	492,266,956	489,497,167	497,871,918	497, 871, 918	496, 329, 440	500,874,235	501,019,666	497, 590, 919	500,950,995	500 764 971
50°68 of 50°08	21 978 444	21,352,430	21,352,430	21, 130, 823	19,873,602	19,038,432	21,276,607	19, 162, 463	19,626,476	18,564,737	18,436,543	20,581,554	17,941,285	19,067,154	20,475,884	20,367,139	20,367,139	21,082,861	13,653,737	13,061,751	13,061,751	13, 198, 241	12,682,649	12,535,302	13, 276, 566	12,653,050	12,651,591	14,568,541	13,895,475	13,895,475	14,235,014	13,511,696	13,438,221	14, 114, 781	467,	13 533 527
58°C to 60°C	42 101 229	41,213,045	41,213,045	40,698,626	39,450,928	38,561,659	41,192,301	38, 752, 323	39,288,000	37,432,986	37,348,631	39,885,908	36,416,922	3, 7775, 396	39,730,792	39,355,639	39,355,639	40,583,353	28,911,928	28,630,830	28, 630, 830	28,840,563	28,360,471	27,957,196	28, 908, 944	28, 226, 603	28,207,947	30, 362, 231	30, 137, 906	30, 137, 906	30,595,243	29,732,508	29,527,838	30,366,538	29,604,144	20 805 530
m Table 1.	75 544 081	74, 087, 282	74,087,282	73,855,138	71,472,477	71,675,754	73,967,030	71,558,547	71,433,223	68,639,137	68, 576, 557	71,256,045	68,748,654	68, 629, 671	71, 186, 166	71,091,850	71,091,850	73,006,107	54, 197, 948	54, 567, 373	54, 567, 373	54,824,402	54, 192, 358	53,938,704	54,736,039	54,086,267	54,045,204	55,836,791	56,400,069	56,400,069	56,403,357	55,901,996	55, 776, 789	56, 506, 792	55, 817, 151	55 971 775
of 2°C for the different choices of the collection of the partitions from Table 50°C to 50°C to 50°C to 50°C to 50°C	121 639 005	119,701,992	119,701,992	119, 219, 862	119, 100, 777	118,352,910	119,483,755	118,316,046	118,773,159	113,021,138	112,776,878	114,605,210	112,766,142	113,430,706	114,239,236	113,921,016	113,921,016	116, 180, 247	91,580,053	93,502,806	93,502,806	93,723,513	93,813,066	93,494,118	93,648,655	93,787,304	93,809,024	93,080,852	95,141,179	95,141,179	95,040,836	95,460,762	95, 293, 055	95,307,785	9,537,4220	05 739 798
ces of the collection	153 060 028	152,841,734	152,841,734	152, 271, 590	153,461,486	154,305,009	152,633,326	154,309,883	153,921,435	148,440,578	148,423,399	147, 545, 326	148,802,782	147,683,000	147,388,937	147,022,983	147,022,983	148, 242, 139	131, 146, 523	134, 233, 948	13,4233,948	134, 108, 686	136,064,160	135,831,139	133,877,750	135,921,686	135,889,220	132, 511, 248	135,796,704	135,796,704	135, 134, 240	137,476,387	137,387,544	135,494,748	137,391,637	137 488 766
or the different chores of the following the	172 049 764	172, 127, 739	172, 127, 739	172,811,712	173,820,657	175, 589, 833	172, 202, 945	175,265,942	174, 198, 201	172,862,968	173,342,749	169,821,806	174,523,601	172, 253, 965	170,089,850	170,718,095	170,718,095	170,360,478	162, 202, 098	165, 186, 174	165, 186, 174	164,604,749	167, 203, 177	168,664,007	164,339,589	167,580,332	167,663,970	163, 137, 504	500,	166, 500, 585	164,920,750	168,790,886	169, 596, 219	165,800,275	169, 295, 915	168 563 975
ot 2°C i		- 1	2	က	4	ಬ	9	7	∞	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35