S1. The Questionnaire's Template

X(*n*)	Q(*n*)	Questions	Responses codes
X(1)	Q1	I am sensitive to social problems associated with deterioration of natural environment.	1, 2, 3, 4, 5, 6, 7
	Q2	I know the concept of sustainable marketing mix development.	1, 2, 3, 4, 5, 6, 7
	Q3	I have professional experience in pro ecological and pro social areas.	1, 2, 3, 4, 5, 6, 7
X(2)	Q1	The company designs products taking into account their impact on the state of the environment.	1, 2, 3, 4, 5, 6, 7
	Q2	The company consciously saves energy, water and fuels needed for production.	1, 2, 3, 4, 5, 6, 7
	Q3	The company eliminates or limits the emission of harmful gases, dusts, fragrances, industrial wastewater, and production waste.	1, 2, 3, 4, 5, 6, 7
	Q4	The company uses renewable sources.	1, 2, 3, 4, 5, 6, 7
	Q5	The company consciously eliminates or limits the types and quantities of materials used to make packaging, e.g. film, paper, plastic, aluminum, etc.	1, 2, 3, 4, 5, 6, 7
	Q6	The enterprise uses packaging made from raw materials wholly or partly recycled.	1, 2, 3, 4, 5, 6, 7
	Q7	The company makes modifications to create ecological packaging.	1, 2, 3, 4, 5, 6, 7
X(3)	Q1	The company designs products taking into account their impact on consumer health.	1, 2, 3, 4, 5, 6, 7
	Q2	The enterprise knowingly eliminates or limits the content of such raw materials as white sugar, chemical preservatives, flavor enhancers, artificial colors, trans fats.	1, 2, 3, 4, 5, 6, 7
X(4)	Q1	The company effectively manages human capital while respecting employee rights.	1, 2, 3, 4, 5, 6, 7
	Q2	The company provides its employees with safe and healthy working conditions.	1, 2, 3, 4, 5, 6, 7
	Q3	The company ensures fair remuneration.	1, 2, 3, 4, 5, 6, 7
X(5)	Q1	The enterprise includes in the prices of products the costs of purchasing raw materials, energy and materials for production.	1, 2, 3, 4, 5, 6, 7
	Q2	The enterprise includes transport and storage costs in product prices.	1, 2, 3, 4, 5, 6, 7
	Q3	The enterprise includes employee costs in product prices e.g. ensuring health and safety, social security.	1, 2, 3, 4, 5, 6, 7
	Q4	The enterprise includes in the prices of products the costs associated with the elimination or reduction of harmful gases, dusts, fragrances, industrial wastewater and production waste.	1, 2, 3, 4, 5, 6, 7

	Q5	The company includes in the prices of products the costs of recycling packaging from consumed food products.	1, 2, 3, 4, 5, 6, 7
	Q6	The company includes in the prices of products the costs of treatment related to the consumption of food products.	1, 2, 3, 4, 5, 6, 7
X(6)	Q1	The company uses environmentally friendly means of transport e.g. hybrid and electric, and LPG fueled cars.	1, 2, 3, 4, 5, 6, 7
	Q2	The company uses environmentally friendly resources and devices.	1, 2, 3, 4, 5, 6, 7
	Q3	The company is withdrawing transport with high emissions and noise.	1, 2, 3, 4, 5, 6, 7
	Q4	The company optimizes the delivery of products by choosing the right routes (shorter, faster routes).	1, 2, 3, 4, 5, 6, 7
	Q5	The company combines deliveries to several recipients simultaneously.	1, 2, 3, 4, 5, 6, 7
	Q6	The company adjusts the means of transport to the amount of transported goods.	1, 2, 3, 4, 5, 6, 7
	Q7	The company makes the most of transport space by properly arranging products in means of transport.	1, 2, 3, 4, 5, 6, 7
	Q8	The company monitors and controls the working time of drivers to avoid road accidents.	1, 2, 3, 4, 5, 6, 7
	Q9	The company optimizes distribution channels by reducing intermediaries involved in distribution processes.	1, 2, 3, 4, 5, 6, 7
	Q10	The company selects intermediaries in terms of ecological and social sensitivity.	1, 2, 3, 4, 5, 6, 7
X(7)	Q1	The content of promotional messages is characterized by transparency and credibility.	1, 2, 3, 4, 5, 6, 7
	Q2	The content of promotional messages is educational.	1, 2, 3, 4, 5, 6, 7
	Q3	The content of promotional messages emphasize the pro ecological and pro social features of the products.	1, 2, 3, 4, 5, 6, 7
	Q4	The content of promotional messages inform consumers about the company's ecological and social activity.	1, 2, 3, 4, 5, 6, 7
	Q5	The content of promotional messages encourages the purchase of pro ecological and pro social products manufactured by the company.	1, 2, 3, 4, 5, 6, 7
X(8)	Q1	The company intends to abandon or limit the production of products which have a negative impact on the environment and consumers health.	1, 2, 3, 4, 5, 6, 7
	Q2	The company intends to include in its product prices the real environmental and social costs associated with the its products production.	1, 2, 3, 4, 5, 6, 7
	Q3	The company intends to reduce the negative impact of the its products distribution to society and natural environment.	1, 2, 3, 4, 5, 6, 7
	Q4	The company intends to use balanced media, forms of communication, and the content of promotional messages.	1, 2, 3, 4, 5, 6, 7

Responses options with codes:
(1)-definitely no, (2)-no, (3)-rather no, (4)-neither no; nor yes,
(5)-rather yes, (6)-yes, (7)-definitely yes

Supplementary S1: QuestionnaireTemplate

PARTICULARS	
Legal form of the business	☐ Public limited company ☐ Limited liability company ☐ Limited joint-stock partnership ☐ Limited partnership ☐ Limited liability partnership ☐ General partnership ☐ Civil law partnership ☐ Sole proprietorship ☐ Cooperative company
Name of the province where the business operates	☐ Lower Silesia ☐ Kuyavian-Pomeranian ☐ Lublin ☐ Lubusz ☐ Lodz ☐ Lesser Poland ☐ Mazovian ☐ Opole ☐ Subcarpathian ☐ Podlasie ☐ Pomeranian ☐ Silesian ☐ Holy Cross ☐ Varmia-Mazuria ☐ Greater Poland ☐ West-Pomeranian
The company's representative	
Professional position	☐ Business's Manager ☐ Entrepreneur Proprietor
Professional experience in years	☐ 0–6 ☐ 7–12 ☐ 13–18 ☐ 19–24 ☐ 25 & more
The company's employment	
The firm's size class	☐ Micro Business (1-10 employees) ☐ Small Firm (11-50 employees) ☐ Medium Company (51-250 employees) ☐ Large Enterprise (more than 250 employees)

Supplementary S2: PopID-DataTable

NO.	SECTOR	REGON	ZIP CODE	PROVINCE	COUNTY	COMMUNE	CITY
1	1039Z	061092718	24-320	Lublin	opolski	Poniatowa	Poniatowa
2	1039Z	365889551	63-500	Greater Poland	ostrzeszowski	Ostrzeszów	Ostrzeszów
3	1039Z	368299531	81-404	Pomeranian	Gdynia	Gdynia	Gdynia
4	1039Z	730352685	98-355	Lodz	pajęczański	Działoszyn	Działoszyn
5	1039Z	011212185	02-010	Mazovian	Warszawa	Śródmieście	Warszawa
6	1039Z	221660981	76-200	Pomeranian	Słupsk	Słupsk	Słupsk
7	1039Z	101411831	98-354	Lodz	pajęczański	Siemkowice	Katarzynopole
8	1039Z	240912821	44-113	Silesian	Gliwice	Gliwice	Gliwice
9	1039Z	146412229	00-695	Mazovian	Warszawa	Śródmieście	Warszawa
10	1039Z	532255337	46-200	Opole	kluczborski	Kluczbork	Kluczbork
11	1039Z	363698539	33-100	Lesser Poland	Tarnów	Tarnów	Tarnów
12	1039Z	022141427	55-114	Lower Silesia	trzebnicki	Wisznia Mała	Kryniczno
13	1039Z	146754102	00-695	Mazovian	Warszawa	Śródmieście	Warszawa
14	1039Z	672025407	05-640	Mazovian	grójecki	Mogielnica	Górki-Izabelin
15	1039Z	366736690	30-148	Lesser Poland	Kraków	Kraków-Krowodrza	Kraków
16	1039Z	369094699	33-200	Lesser Poland	dąbrowski	Dąbrowa Tarnowska	Dąbrowa Tarnowska
17	1039Z	750439867	96-321	Mazovian	grodziski	Żabia Wola	Bieniewiec
18	1039Z	368904541	55-095	Lower Silesia	wrocławski	Długołęka	Stępin
19	1039Z	017266727	03-083	Mazovian	Warszawa	Białołęka	Warszawa
20	1039Z	230482848	58-520	Lower Silesia	karkonoski	Janowice Wielkie	Mniszków
21	1039Z	367760471	05-480	Mazovian	otwocki	Karczew	Glinki
22	1039Z	369357800	05-870	Mazovian	warszawski zachodni	Ożarów Mazowiecki	Święcice
23	1039Z	369148700	27-580	Holy Cross	opatowski	Sadowie	Jacentów
24	1039Z	142738721	00-803	Mazovian	Warszawa	Wola	Warszawa
25	1039Z	191505418	80-335	Pomeranian	Gdańsk	Gdańsk	Gdańsk
26	1039Z	367555630	26-670	Mazovian	radomski	Pionki	Działki Suskowolskie
27	1039Z	340881744	86-300	Kuyavian-Pomeranian	Grudziądz	Grudziądz	Grudziądz
28	1039Z	870434182	87-100	Kuyavian-Pomeranian	Toruń	Toruń	Toruń
29	1039Z	368376013	86-010	Kuyavian-Pomeranian	bydgoski	Koronowo	Koronowo
30	1039Z	340137141	88-324	Kuyavian-Pomeranian	mogileński	Jeziora Wielkie	Rzeszyn
31	1039Z	411435010	64-100	Greater Poland	Leszno	Leszno	Leszno
32	1039Z	368336887	87-811	Kuyavian-Pomeranian	włocławski	Fabianki	Szpetal Górny

33	1039Z	360137438	86-300	Kuyavian-Pomeranian	Grudziądz	Grudziądz	Grudziądz
34	1039Z	300583334	64-730	Greater Poland	czarnkowsko-trzcianecki	Wieleń	Rosko
35	1039Z	430423101	21-345	Lublin	radzyński	Borki	Nowiny
36	1039Z	360023255	23-425	Lublin	biłgorajski	Biszcza	Bukowina
37	1039Z	360279983	62-436	Greater Poland	słupecki	Orchowo	Orchowo
38	1039Z	381778477	62-800	Greater Poland	kaliski	Żelazków	Niedźwiady
39	1039Z	060006183	24-170	Lublin	puławski	Kurów	Klementowice
40	1039Z	431266365	23-225	Lublin	kraśnicki	Szastarka	Brzozówka
41	1039Z	060621362	37-300	Subcarpathian	leżajski	Leżajsk	Stare Miasto
42	1039Z	100326595	96-232	Lodz	rawski	Regnów	Annosław
43	1039Z	367836518	62-030	Greater Poland	poznański	Luboń	Luboń
44	1039Z	008122323	78-500	West-Pomeranian	drawski	Drawsko Pomeranian	Rydzewo
45	1039Z	430520212	23-107	Lublin	lubelski	Strzyżewice	Osmolice Pierwsze
46	1039Z	141542861	07310	Mazovian	ostrowski	Ostrów Mazowiecka	Komorowo
47	1039Z	000474028	21-500	Lublin	bialski	Biała Podlaska	Cicibór Duży
48	1039Z	670044694	26-415	Mazovian	przysuski	Klwów	Głuszyna
49	1039Z	390621085	59-330	Lower Silesia	lubiński	Ścinawa	Ścinawa
50	1039Z	060241145	23-300	Lublin	janowski	Janów Lubelski	Borownica
51	1039Z	390649416	59-223	Lower Silesia	legnicki	Krotoszyce	Warmątowice Sienkiewiczowskie
52	1039Z	950269420	22-437	Lublin	zamojski	Łabunie	Łabuńki Drugie
53	1039Z	550666776	05205	Mazovian	wołomiński	Klembów	Rasztów
54	1039Z	430310242	23-250	Lublin	kraśnicki	Urzędów	Boby-Kolonia
55	1039Z	061463304	24-130	Lublin	puławski	Końskowola	Końskowola
56	1039Z	430456193	24-310	Lublin	opolski	Karczmiska	Karczmiska Pierwsze
57	1039Z	142879083	87-600	Kuyavian-Pomeranian	lipnowski	Lipno	Lipno
58	1039Z	910028178	87-600	Kuyavian-Pomeranian	lipnowski	Lipno	Lipno
59	1039Z	230174816	59-220	Lower Silesia	Legnica	Legnica	Legnica
60	1039Z	060253042	24-350	Lublin	opolski	Chodel	Granice
61	1039Z	890178303	57-220	Lower Silesia	ząbkowicki	Ziębice	Ziębice
62	1039Z	690398784	36-100	Subcarpathian	kolbuszowski	Kolbuszowa	Kolbuszowa
63	1039Z	370496626	38-242	Subcarpathian	jasielski	Skołyszyn	Lisów
64	1039Z	650071614	37-700	Subcarpathian	przemyski	Krasiczyn	Prałkowce
65	1039Z	050697019	16-070	Podlasie	białostocki	Choroszcz	Śliwno

66	1039Z	200167461	17-300	Podlasie	siemiatycki	Siemiatycze	Siemiatycze
67	1039Z	140376308	05505	Mazovian	piaseczyński	Prażmów	Prażmów
68	1039Z	050283861	17-300	Podlasie	siemiatycki	Siemiatycze	Słochy AnnOpole
69	1039Z	002338996	17-300	Podlasie	siemiatycki	Siemiatycze	Siemiatycze
70	1039Z	450087567	18-400	Podlasie	Łomża	Łomża	Łomża
71	1039Z	130949657	09131	Mazovian	płoński	Joniec	Nowa Wrona
72	1039Z	610222560	96-521	Mazovian	sochaczewski	Iłów	Wisowa
73	1039Z	050003152	17-315	Podlasie	siemiatycki	Grodzisk	Koryciny
74	1039Z	340877688	89-200	Kuyavian-Pomeranian	nakielski	Szubin	Szubin
75	1039Z	200865432	17-300	Podlasie	siemiatycki	Siemiatycze	Siemiatycze
76	1039Z	146725483	02304	Mazovian	Warszawa	Ochota	Warszawa
77	1039Z	634467477	67-120	Lubusz	nowosolski	Kożuchów	Kożuchów
78	1039Z	146794975	03509	Mazovian	Warszawa	Targówek	Warszawa
79	1039Z	050692743	15-605	Podlasie	białostocki	Juchnowiec Kościelny	Solniczki
80	1039Z	390651420	59-220	Lower Silesia	Legnica	Legnica	Legnica
81	1039Z	750109124	96-208	Lodz	rawski	Sadkowice	Kłopoczyn
82	1039Z	230526422	58-560	Lower Silesia	Jelenia Góra	Jelenia Góra	Jelenia Góra
83	1039Z	670973117	05660	Mazovian	grójecki	Warka	Warka
84	1039Z	192823215	81-585	Pomeranian	Gdynia	Gdynia	Gdynia
85	1039Z	590031006	95-080	Lodz	łódzki wschodni	Tuszyn	Górki Małe
86	1039Z	710358781	05300	Mazovian	miński	Mińsk Mazowiecki	Mińsk Mazowiecki
87	1039Z	006225480	03687	Mazovian	Warszawa	Targówek	Warszawa
88	1039Z	670019265	26-811	Mazovian	białobrzeski	Wyśmierzyce	Wyśmierzyce
89	1039Z	140176880	05800	Mazovian	pruszkowski	Pruszków	Pruszków
90	1039Z	050682450	17-300	Podlasie	siemiatycki	Siemiatycze	Siemiatycze
91	1039Z	002351324	15-501	Podlasie	Białystok	Białystok	Białystok
92	1039Z	570134785	78-320	West-Pomeranian	świdwiński	Połczyn-Zdrój	Dziwogóra
93	1039Z	410313457	56-200	Lower Silesia	górowski	Góra	Góra
94	1039Z	970512909	59-950	Lower Silesia	zgorzelecki	Węgliniec	Ruszów
95	1039Z	016009282	26-340	Lodz	opoczyński	Drzewica	Radzice Duże
96	1039Z	100297238	98-320	Lodz	wieluński	Osjaków	Drobnice
97	1039Z	870508779	87-320	Kuyavian-Pomeranian	brodnicki	Górzno	Miesiączkowo
98	1039Z	771443602	89-632	Pomeranian	chojnicki	Brusy	Żabno

99	1039Z	271715186	42-610	Silesian	tarnogórski	Miasteczko Silesian	Miasteczko Silesian
100	1039Z	241398154	43-502	Silesian	bielski	Czechowice-Dziedzice	Czechowice-Dziedzice
101	1039Z	410219043	64-000	Greater Poland	kościański	Kościan	Kurza Góra
102	1039Z	091367860	82-230	Pomeranian	malborski	Nowy Staw	Nowy Staw
103	1039Z	590753395	98-354	Lodz	pajęczański	Siemkowice	Radoszewice
104	1039Z	000474940	97-220	Lodz	tomaszowski	Rzeczyca	Bartoszówka
105	1039Z	590019270	97-350	Lodz	piotrkowski	Gorzkowice	Gorzkowice
106	1039Z	152163365	42-202	Silesian	Częstochowa	Częstochowa	Częstochowa
107	1039Z	100652739	98-355	Lodz	pajęczański	Działoszyn	Działoszyn
108	1039Z	008166869	99-417	Lodz	skierniewicki	Bolimów	Bolimów
109	1039Z	385858865	63-012	Greater Poland	średzki	Dominowo	Dominowo
110	1039Z	932986979	39-200	Subcarpathian	dębicki	Dębica	Dębica
111	1039Z	362193926	11-100	Varmia-Mazuria	lidzbarski	Lidzbark Warmiński	Jarandowo
112	1039Z	010301283	53-674	Lower Silesia	Wrocław	Wrocław-Stare Miasto	Wrocław
113	1039Z	472893475	93-331	Lodz	Łódź	Łódź-Górna	Łódź
114	1039Z	690223613	37-123	Subcarpathian	łańcucki	Łańcut	Handzlówka
115	1039Z	472346313	92-402	Lodz	Łódź	Łódź-Widzew	Łódź
116	1039Z	100664524	99-400	Lodz	łowicki	Łowicz	Łowicz
117	1039Z	230109871	59-900	Lower Silesia	zgorzelecki	Zgorzelec	Zgorzelec
118	1039Z	301408722	64-730	Greater Poland	czarnkowsko-trzcianecki	Wieleń	Rosko
119	1039Z	340818496	88-324	Kuyavian-Pomeranian	mogileński	Jeziora Wielkie	Rzeszyn
120	1039Z	150649431	42-110	Silesian	kłobucki	Popów	Popów
121	1039Z	750809169	96-232	Lodz	rawski	Regnów	Annosław
122	1039Z	590024153	97-320	Lodz	piotrkowski	Wolbórz	Wolbórz
123	1039Z	290854094	28-400	Holy Cross	pińczowski	Pińczów	Kopernia
124	1039Z	871074395	86-300	Kuyavian-Pomeranian	Grudziądz	Grudziądz	Grudziądz
125	1039Z	092574330	88-190	Kuyavian-Pomeranian	żniński	Barcin	Barcin-Wieś
126	1039Z	150928622	42-215	Silesian	Częstochowa	Częstochowa	Częstochowa
127	1039Z	367152234	85-141	Kuyavian-Pomeranian	Bydgoszcz	Bydgoszcz	Bydgoszcz
128	1039Z	220854921	76-200	Pomeranian	słupski	Słupsk	Głobino
129	1039Z	150980924	42-110	Silesian	kłobucki	Popów	Dąbrowa
130	1039Z	276176653	43-196	Silesian	mikołowski	Mikołów	Mikołów
131	1039Z	150012567	42-260	Silesian	częstochowski	Kamienica Polska	Wanaty

132	1039Z	490017950	33-300	Lesser Poland	Nowy Sącz	Nowy Sącz	Nowy Sącz
133	1039Z	240534690	42-284	Silesian	lubliniecki	Herby	Herby
134	1039Z	357246173	32-250	Lesser Poland	miechowski	Charsznica	Miechów-Charsznica
135	1039Z	152165298	42-221	Silesian	Częstochowa	Częstochowa	Częstochowa
136	1039Z	000888416	32-731	Lesser Poland	bocheński	Żegocina	Łąkta Górna
137	1039Z	850455610	33-100	Lesser Poland	Tarnów	Tarnów	Tarnów
138	1039Z	340053303	86-010	Kuyavian-Pomeranian	bydgoski	Koronowo	Stopka
139	1039Z	150358538	42-110	Silesian	kłobucki	Popów	Więcki
140	1039Z	310215338	62-404	Greater Poland	słupecki	Lądek	Ciążeń
141	1039Z	350567840	32-400	Lesser Poland	myślenicki	Myślenice	Myślenice
142	1039Z	005878530	87-704	Kuyavian-Pomeranian	aleksandrowski	Bądkowo	Łówkowice
143	1039Z	160106496	32-090	Lesser Poland	krakowski	Słomniki	Niedźwiedź
144	1039Z	242910430	40-847	Silesian	Katowice	Katowice	Katowice
145	1039Z	020893809	52-351	Lower Silesia	wrocławski	Kąty Wrocławskie	Zabrodzie
146	1039Z	852520984	00-030	Mazovian	Warszawa	Śródmieście	Warszawa
147	1039Z	301519083	64-730	Greater Poland	czarnkowsko-trzcianecki	Wieleń	Rosko
148	1039Z	271211310	43-200	Silesian	pszczyński	Pszczyna	Pszczyna
149	1039Z	590844910	98-330	Lodz	pajęczański	Pajęczno	Pajęczno
150	1039Z	340117859	87-214	Kuyavian-Pomeranian	wąbrzeski	Płużnica	Płużnica
151	1039Z	060161535	21-025	Lublin	lubelski	Niemce	Niemce
152	1039Z	730005363	98-355	Lodz	pajęczański	Działoszyn	Działoszyn
153	1039Z	730158138	98-354	Lodz	pajęczański	Siemkowice	Siemkowice
154	1039Z	060069344	21-200	Lublin	parczewski	Parczew	Parczew
155	1039Z	090498174	85-074	Kuyavian-Pomeranian	Bydgoszcz	Bydgoszcz	Bydgoszcz
156	1039Z	008031388	26-720	Mazovian	zwoleński	Policzna	Policzna
157	1039Z	511447470	86-300	Kuyavian-Pomeranian	Grudziądz	Grudziądz	Grudziądz
158	1039Z	004701900	97-221	Lodz	tomaszowski	Rokiciny	Rokiciny-Kolonia
159	1039Z	092982856	86-005	Kuyavian-Pomeranian	bydgoski	Białe Błota	Białe Błota
160	1039Z	276442043	44-340	Silesian	wodzisławski	Godów	Godów
161	1039Z	852010295	32-823	Lesser Poland	brzeski	Brzesko	Sterkowiec
162	1039Z	340162937	86-300	Kuyavian-Pomeranian	Grudziądz	Grudziądz	Grudziądz
163	1039Z	390043582	59-220	Lower Silesia	Legnica	Legnica	Legnica
164	1039Z	651421921	37-206	Subcarpathian	przeworski	Kańczuga	Sietesz

165	1039Z	141184350	00-446	Mazovian	Warszawa	Śródmieście	Warszawa
166	1039Z	008247830	87-700	Kuyavian-Pomeranian	aleksandrowski	Aleksandrów Kujawski	Aleksandrów Kujawski
167	1039Z	871210243	87-103	Kuyavian-Pomeranian	toruński	Wielka Nieszawka	Mała Nieszawka
168	1039Z	710023744	08-110	Mazovian	siedlecki	Siedlce	Żabokl:ki
169	1039Z	010445912	07-410	Mazovian	ostrołęcki	Rzekuń	Ławy
170	1039Z	340023756	87-320	Kuyavian-Pomeranian	brodnicki	Górzno	Miesiączkowo
171	1039Z	005150187	36-105	Subcarpathian	kolbuszowski	Cmolas	Cmolas
172	1039Z	010094890	03-982	Mazovian	Warszawa	Wawer	Warszawa
173	1039Z	016408562	04-790	Mazovian	Warszawa	Wawer	Warszawa
174	1039Z	100606018	99-300	Lodz	kutnowski	Kutno	Kutno
175	1039Z	290025989	26-021	Holy Cross	kielecki	Daleszyce	Daleszyce
176	1039Z	830208152	27-580	Holy Cross	opatowski	Sadowie	Jacentów
177	1039Z	003674710	26-052	Holy Cross	kielecki	Nowiny	Zgórsko
178	1039Z	016029385	96-500	Mazovian	sochaczewski	Sochaczew	Kuznocin
179	1039Z	386278940	92-515	Lodz	Łódź	Łódź-Widzew	Łódź
180	1039Z	301521045	64-020	Greater Poland	kościański	Czempiń	Jarogniewice
181	1039Z	150587316	42-110	Silesian	kłobucki	Popów	Więcki
182	1039Z	211264320	69-100	Lubusz	słubicki	Słubice	Słubice
183	1039Z	210514015	69-110	Lubusz	słubicki	Rzepin	Rzepin
184	1039Z	366355455	01-001	Mazovian	Warszawa	Śródmieście	Warszawa
185	1039Z	291154281	26-010	Holy Cross	kielecki	Bodzentyn	Bodzentyn
186	1039Z	388254790	43-600	Silesian	Jaworzno	Jaworzno	Jaworzno
187	1039Z	382024094	97-500	Lodz	radomszczański	Radomsko	Radomsko
188	1039Z	670888587	27-200	Holy Cross	starachowicki	Starachowice	Starachowice
189	1039Z	192772848	29-100	Holy Cross	włoszczowski	Włoszczowa	Danków Duży
190	1039Z	730313366	98-354	Lodz	pajęczański	Siemkowice	Siemkowice
191	1039Z	630714312	64-300	Greater Poland	nowotomyski	Nowy Tomyśl	Nowy Tomyśl
192	1039Z	021520832	53-411	Lower Silesia	Wrocław	Wrocław-Krzyki	Wrocław
193	1039Z	634480970	60-476	Greater Poland	Poznań	Poznań-Jeżyce	Poznań
194	1039Z	310328947	62-510	Greater Poland	Konin	Konin	Konin
195	1039Z	570855651	64-840	Greater Poland	chodzieski	Budzyń	Dziewoklucz
196	1039Z	950442797	22-600	Lublin	tomaszowski	Tomaszów Lubelski	Tomaszów Lubelski
197	1039Z	300957020	62-817	Greater Poland	kaliski	Żelazków	Dębe

Supplementary S2: PopID-DataTable

198	1039Z	670085339	26-640	Mazovian	radomski	Skaryszew	Maków
199	1039Z	911255255	88-200	Kuyavian-Pomeranian	radziejowski	Radziejów	Radziejów
200	1039Z	384407712	05-870	Mazovian	warszawski zachodni	Błonie	Błonie
201	1039Z	382323247	05-520	Mazovian	piaseczyński	Konstancin-Jeziorna	Łęg
202	1039Z	277872350	41-500	Silesian	Chorzów	Chorzów	Chorzów
203	1039Z	870554549	87-162	Kuyavian-Pomeranian	toruński	Lubicz	Lubicz Dolny
204	1039Z	388190209	05-126	Mazovian	legionowski	Nieporęt	Michałów-Grabina
205	1039Z	380485313	85-141	Kuyavian-Pomeranian	Bydgoszcz	Bydgoszcz	Bydgoszcz
206	1039Z	380512725	85-141	Kuyavian-Pomeranian	Bydgoszcz	Bydgoszcz	Bydgoszcz
207	1039Z	241120810	43-200	Silesian	pszczyński	Pszczyna	Pszczyna
208	1039Z	012272090	00-446	Mazovian	Warszawa	Śródmieście	Warszawa
209	1039Z	387726837	32-020	Lesser Poland	wielicki	Biskupice	Trąbki
210	1039Z	430033989	87-100	Kuyavian-Pomeranian	Toruń	Toruń	Toruń
211	1039Z	151503385	42-202	Silesian	Częstochowa	Częstochowa	Częstochowa
212	1039Z	388297114	62-081	Greater Poland	poznański	Tarnowo Podgórne	Wysogotowo
213	1039Z	231106596	58-508	Lower Silesia	karkonoski	Mysłakowice	Łomnica
214	1039Z	364477830	62-817	Greater Poland	kaliski	Żelazków	Witoldów
215	1039Z	321187300	02-797	Mazovian	Warszawa	Wilanów	Warszawa
216	1039Z	150043651	42-110	Silesian	kłobucki	Popów	Wąsosz Górny
217	1039Z	150504678	42-110	Silesian	kłobucki	Popów	Wąsosz Dolny
218	1039Z	365372109	04-320	Mazovian	Warszawa	Praga-Południe	Warszawa
219	1039Z	388115604	34-370	Silesian	żywiecki	Rajcza	Sól-Kiczora
220	1039Z	386836877	82-200	Pomeranian	malborski	Malbork	Malbork
221	1039Z	210151096	66-520	Lubusz	strzelecko-drezdenecki	Dobiegniew	Radęcin
222	1039Z	220754036	83-213	Pomeranian	starogardzki	Skórcz	Wolental
223	1039Z	340387866	86-300	Kuyavian-Pomeranian	Grudziądz	Grudziądz	Grudziądz
224	0113Z	364770196	88-133	Kuyavian-Pomeranian	inowrocławski	Dąbrowa Biskupia	Zagajewice
225	1039Z	273798331	40-847	Silesian	Katowice	Katowice	Katowice
226	1039Z	080153632	40-847	Silesian	Katowice	Katowice	Katowice
227	1039Z	147370680	02-646	Mazovian	Warszawa	Mokotów	Warszawa
228	1039Z	015153723	02-646	Mazovian	Warszawa	Warszawa	Warszawa
229	1039Z	383587155	66-400	Lubusz	Gorzów Wielkopolski	Gorzów Wielkopolski	Gorzów Wielkopolski
230	1039Z	100351765	98-320	Lodz	wieluński	Osjaków	Krzętle

231	1039Z	000466359	62-067	Greater Poland	grodziski	Rakoniewice	Goździn
232	1039Z	387922165	32-250	Lesser Poland	miechowski	Charsznica	Jelcza
233	1039Z	610213940	96-520	Mazovian	sochaczewski	Iłów	Narty
234	1039Z	121117369	32-250	Lesser Poland	miechowski	Charsznica	Chodów
235	1039Z	387537094	58-124	Lower Silesia	świdnicki	Marcinowice	Mysłaków
236	1039Z	387604040	58-124	Lower Silesia	świdnicki	Marcinowice	Mysłaków
237	1039Z	180483020	37-300	Subcarpathian	leżajski	Leżajsk	Leżajsk
238	1039Z	386087453	53-428	Lower Silesia	Wrocław	Wrocław-Fabryczna	Wrocław
239	1039Z	016042026	05-870	Mazovian	warszawski zachodni	Błonie	Bramki
240	1039Z	432254944	24-150	Lublin	puławski	Nałęczów	Piotrowice
241	1039Z	384939544	60-366	Greater Poland	Poznań	Poznań-Grunwald	Poznań
242	1039Z	100113385	98-220	Lodz	zduńskowolski	Zduńska Wola	Zduńska Wola
243	1039Z	060404676	20-234	Lublin	Lublin	Lublin	Lublin
244	1039Z	302619119	64-232	Greater Poland	wolsztyński	Siedlec	Stara Tuchorza
245	1039Z	240808934	34-360	Silesian	żywiecki	Milówka	Milówka
246	1039Z	100865524	92-701	Lodz	łódzki wschodni	Nowosolna	Wódka
247	1039Z	300891716	63-840	Greater Poland	gostyński	Krobia	Pudliszki
248	1039Z	260001558	63-840	Greater Poland	gostyński	Krobia	Pudliszki
249	1039Z	301752709	64-030	Greater Poland	kościański	Śmigiel	Stare Bojanowo
250	1039Z	015470553	02-554	Mazovian	Warszawa	Mokotów	Warszawa
251	1039Z	330524207	05-510	Mazovian	piaseczyński	Konstancin-Jeziorna	Konstancin-Jeziorna
252	1039Z	321354761	05-510	Mazovian	piaseczyński	Konstancin-Jeziorna	Konstancin-Jeziorna
253	1039Z	221546989	84-240	Pomeranian	wejherowski	Reda	Reda
254	1039Z	080003312	69-200	Lubusz	sulęciński	Sulęcin	Sulęcin
255	1039Z	080123750	66-433	Lubusz	gorzowski	Lubiszyn	Lubiszyn
256	1039Z	292882002	27-532	Holy Cross	opatowski	Wojciechowice	Drygulec
257	1039Z	631273703	62-025	Greater Poland	poznański	Kostrzyn	Siekierki Wielkie
258	1039Z	091582190	13-334	Varmia-Mazuria	nowomiejski	Biskupiec	Mierzyn
259	1039Z	510025241	12-160	Varmia-Mazuria	szczycieński	Wielbark	Wielbark
260	1039Z	141119128	64-010	Greater Poland	kościański	Krzywiń	Krzywiń
261	1039Z	387153927	20-111	Lublin	Lublin	Lublin	Lublin
262	1039Z	891082752	53-224	Lower Silesia	Wrocław	Wrocław-Fabryczna	Wrocław
263	1039Z	384891850	87-100	Kuyavian-Pomeranian	Toruń	Toruń	Toruń

264	1039Z	011263679	05-500	Mazovian	piaseczyński	Lesznowola	Mysiadło
265	1039Z	011599037	05-088	Mazovian	sochaczewski	Brochów	Brochów
266	1039Z	357206015	32-250	Lesser Poland	miechowski	Charsznica	Jelcza
267	1039Z	015450674	02-467	Mazovian	Warszawa	Włochy	Warszawa
268	1039Z	639815121	61-765	Greater Poland	Poznań	Poznań-Stare Miasto	Poznań
269	1039Z	250386365	62-850	Greater Poland	kaliski	Lisków	Żychów
270	1039Z	015259686	17-307	Podlasie	siemiatycki	Mielnik	Mielnik
271	1039Z	300113700	62-023	Greater Poland	poznański	Kórnik	Gądki
272	1039Z	432698670	24-220	Lublin	lubelski	Niedrzwica Duża	Niedrzwica Duża
273	1039Z	634365512	62-035	Greater Poland	poznański	Kórnik	Kórnik
274	1039Z	387430255	43-300	Silesian	Bielsko-Biała	Bielsko-Biała	Bielsko-Biała
275	1039Z	634383852	64-100	Greater Poland	Leszno	Leszno	Leszno
276	1039Z	300191479	64-234	Greater Poland	wolsztyński	Przemęt	Przemęt
277	1039Z	012594361	09-142	Mazovian	płoński	Załuski	Przyborowice Dolne
278	1039Z	300086009	60-179	Greater Poland	Poznań	Poznań-Grunwald	Poznań
279	1039Z	243488074	42-215	Silesian	Częstochowa	Częstochowa	Częstochowa
280	1039Z	190114822	83-400	Pomeranian	kościerski	Kościerzyna	Kościerzyna
281	1039Z	180661880	37-300	Subcarpathian	leżajski	Leżajsk	Leżajsk
282	1039Z	690701449	37-300	Subcarpathian	leżajski	Leżajsk	Leżajsk
283	1039Z	730112998	98-355	Lodz	pajęczański	Działoszyn	Działoszyn
284	1039Z	300039926	64-200	Greater Poland	wolsztyński	Wolsztyn	Berzyna
285	1039Z	812739449	72-010	West-Pomeranian	policki	Police	Police
286	1039Z	639750746	63-000	Greater Poland	średzki	Środa Wielkopolska	Kijewo
287	1039Z	150652195	42-110	Silesian	kłobucki	Popów	Wąsosz Dolny
288	1039Z	030106169	21-200	Lublin	parczewski	Parczew	Parczew
289	1039Z	302584303	61-612	Greater Poland	Poznań	Poznań-Stare Miasto	Poznań
290	1039Z	432657910	24-300	Lublin	opolski	Opole Lublin	Opole Lublin
291	1039Z	147333822	78-640	West-Pomeranian	wałecki	Tuczno	Tuczno
292	1039Z	410289078	64-000	Greater Poland	kościański	Kościan	Kościan
293	1039Z	000476872	64-050	Greater Poland	grodziski	Wielichowo	Łubnica
294	1039Z	302367534	63-410	Greater Poland	ostrowski	Ostrów Wielkopolski	Karski
295	1039Z	381818567	89-632	Pomeranian	chojnicki	Brusy	Brusy
296	1039Z	241670509	43-190	Silesian	mikołowski	Mikołów	Mikołów

297	1039Z	072924283	43-384	Silesian	bielski	Jaworze	Jaworze
298	1039Z	122404326	37-400	Subcarpathian	niżański	Nisko	Nisko
299	1039Z	050424356	16-070	Podlasie	białostocki	Choroszcz	Choroszcz
300	1039Z	060762542	24-123	Lublin	puławski	Janowiec	Janowiec
301	1039Z	387143900	03-982	Mazovian	Warszawa	Praga-Południe	Warszawa
302	1039Z	000871870	68-132	Lubusz	żarski	Przewóz	Przewóz
303	1039Z	811867211	03-982	Mazovian	Warszawa	Praga-Południe	Warszawa
304	1039Z	951144961	30-705	Lesser Poland	Kraków	Kraków-Podgórze	Kraków
305	1039Z	362052054	23-310	Lublin	janowski	Modliborzyce	Ciechocin
306	1039Z	970184983	65-124	Lubusz	Zielona Góra	Zielona Góra	Zielona Góra
307	1039Z	008019565	64-100	Greater Poland	Leszno	Leszno	Leszno
308	1039Z	290434618	27-200	Holy Cross	starachowicki	Starachowice	Starachowice
309	1039Z	852642813	33-100	Lesser Poland	Tarnów	Tarnów	Tarnów
310	1039Z	302701192	64-100	Greater Poland	Leszno	Leszno	Leszno
311	1039Z	871188199	86-300	Kuyavian-Pomeranian	Grudziądz	Grudziądz	Grudziądz
312	1039Z	366641675	24-313	Lublin	opolski	Wilków	Wólka Polanowska
313	1039Z	092383162	87-148	Kuyavian-Pomeranian	toruński	Łysomice	Łysomice
314	1039Z	340366700	89-121	Kuyavian-Pomeranian	nakielski	Nakło nad Notecią	Ślesin
315	1039Z	250757910	62-820	Greater Poland	kaliski	Stawiszyn	Piątek Mały
316	1039Z	430038596	24-150	Lublin	puławski	Nałęczów	Nałęczów
317	1039Z	977895948	66-003	Lubusz	zielonogórski	Zabór	Łaz
318	1039Z	146196599	02-765	Mazovian	Warszawa	Mokotów	Warszawa
319	1039Z	141300514	02-765	Mazovian	Warszawa	Mokotów	Warszawa
320	1039Z	850383655	32-823	Lesser Poland	brzeski	Brzesko	Sterkowiec
321	1039Z	852742905	32-823	Lesser Poland	brzeski	Brzesko	Sterkowiec
322	1039Z	369828010	41-260	Silesian	będziński	Sławków	Sławków
323	1039Z	490661609	34-600	Lesser Poland	limanowski	Limanowa	Limanowa
324	1039Z	030807179	21-500	Lublin	Biała Podlaska	Biała Podlaska	Biała Podlaska
325	1039Z	385812432	03-287	Mazovian	Warszawa	Białołęka	Warszawa
326	1039Z	364233370	00-710	Mazovian	Warszawa	Mokotów	Warszawa
327	1039Z	273747836	42-660	Silesian	tarnogórski	Kalety	Kalety
328	1039Z	363412460	26-432	Mazovian	przysuski	Wieniawa	Pogroszyn
329	1039Z	276068716	44-362	Silesian	wodzisławski	Gorzyce	Bełsznica

330	1039Z	146665456	02-703	Mazovian	Warszawa	Mokotów	Warszawa
331	1039Z	241281601	42-216	Silesian	Częstochowa	Częstochowa	Częstochowa
332	1039Z	383344955	04-784	Mazovian	Warszawa	Wawer	Warszawa
333	1039Z	430305382	20-124	Lublin	Lublin	Lublin	Lublin
334	1039Z	120946974	30-798	Lesser Poland	Kraków	Kraków-Podgórze	Kraków
335	1039Z	003141416	66-431	Lubusz	gorzowski	Santok	Stare Polichno
336	1039Z	211247579	66-431	Lubusz	gorzowski	Santok	Stare Polichno
337	1039Z	730915036	98-200	Lodz	sieradzki	Sieradz	Sieradz
338	1039Z	369349343	05-092	Mazovian	warszawski zachodni	Łomianki	Łomianki
339	1039Z	011085746	04-708	Mazovian	Warszawa	Wawer	Warszawa
340	1039Z	180488016	31-159	Lesser Poland	Kraków	Kraków-Śródmieście	Kraków
341	1039Z	970380543	66-132	Lubusz	zielonogórski	Trzebiechów	Trzebiechów
342	1039Z	001323142	01-480	Mazovian	Warszawa	Bemowo	Warszawa
343	1039Z	003547785	32-300	Lesser Poland	olkuski	Olkusz	Olkusz
344	1039Z	243604623	43-300	Silesian	Bielsko-Biała	Bielsko-Biała	Bielsko-Biała
345	1039Z	016941888	05-170	Mazovian	nowodworski	Zakroczym	Trębki Nowe
346	1039Z	730185141	98-355	Lodz	pajęczański	Działoszyn	Działoszyn
347	1039Z	005996300	51-114	Lower Silesia	Wrocław	Wrocław-Psie Pole	Wrocław
348	1039Z	004161705	20-502	Lublin	Lublin	Lublin	Lublin
349	1039Z	100290822	95-200	Lodz	pabianicki	Pabianice	Pabianice
350	1039Z	001052631	96-124	Lodz	skierniewicki	Maków	Maków
351	1039Z	006227740	05-504	Mazovian	piaseczyński	Piaseczno	Runów
352	1039Z	851664072	32-700	Lesser Poland	bocheński	Bochnia	Bochnia
353	1039Z	151405560	42-110	Silesian	kłobucki	Popów	Zbory
354	1039Z	272643098	41-800	Silesian	Zabrze	Zabrze	Zabrze
355	1039Z	362343159	41-106	Silesian	Siemianowice Silesian	Siemianowice Silesian	Siemianowice Silesian
356	1039Z	123135756	32-310	Lesser Poland	olkuski	Klucze	Bydlin
357	1039Z	130345273	06-500	Mazovian	mławski	Mława	Mława
358	1039Z	610051666	96-520	Mazovian	sochaczewski	Iłów	Iłów
359	1039Z	362387955	33-380	Lesser Poland	nowosądecki	Krynica-Zdrój	Krynica-Zdrój
360	1039Z	363844076	62-817	Greater Poland	kaliski	Żelazków	Garzew
361	1039Z	000627118	26-922	Mazovian	kozienicki	Sieciechów	Sieciechów
362	1039Z	141391310	05-170	Mazovian	nowodworski	Zakroczym	Zakroczym

363	1039Z	368055326	12-100	Varmia-Mazuria	szczycieński	Szczytno	Romany
364	1039Z	551181288	07-420	Mazovian	ostrołęcki	Kadzidło	Dylewo
365	1039Z	146867473	05-092	Mazovian	warszawski zachodni	Łomianki	Łomianki
366	1039Z	017357938	05-092	Mazovian	warszawski zachodni	Łomianki	Łomianki
367	1039Z	241652428	34-120	Lesser Poland	wadowicki	Andrychów	Andrychów
368	1039Z	222132830	76-200	Pomeranian	Słupsk	Słupsk	Słupsk
369	1039Z	211019335	05-250	Mazovian	wołomiński	Radzymin	Radzymin
370	1039Z	210017305	66-433	Lubusz	gorzowski	Lubiszyn	Wysoka
371	1039Z	010920879	00-180	Mazovian	Warszawa	Śródmieście	Warszawa
372	1039Z	010843311	05-800	Mazovian	pruszkowski	Pruszków	Pruszków
373	1039Z	060106358	24-300	Lublin	opolski	Opole Lublin	Skoków
374	1039Z	015533555	05-083	Mazovian	warszawski zachodni	Leszno	Wyględy
375	1039Z	146207305	02-765	Mazovian	Warszawa	Mokotów	Warszawa
376	1039Z	011368792	01-934	Mazovian	Warszawa	Bielany	Warszawa
377	1039Z	010628512	01-922	Mazovian	Warszawa	Bielany	Warszawa
378	1039Z	200394062	15-879	Podlasie	Białystok	Białystok	Białystok
379	1039Z	002303360	00-384	Mazovian	Warszawa	Śródmieście	Warszawa
380	1039Z	010994866	03-710	Mazovian	Warszawa	Praga-Północ	Warszawa
381	1039Z	015651846	00-345	Mazovian	Warszawa	Śródmieście	Warszawa
382	1039Z	251610965	62-817	Greater Poland	kaliski	Żelazków	Kolonia Kokanin
383	1039Z	240791808	42-164	Silesian	kłobucki	Lipie	Kleśniska
384	1039Z	013251108	01-494	Mazovian	Warszawa	Bemowo	Warszawa
385	1039Z	340098524	87-850	Kuyavian-Pomeranian	włocławski	Choceń	Śmiłowice
386	1039Z	362453735	24-224	Lublin	lubelski	Borzechów	Białawoda
387	1039Z	010275137	03-683	Mazovian	Warszawa	Targówek	Warszawa
388	1039Z	146559323	00-695	Mazovian	Warszawa	Śródmieście	Warszawa
389	1039Z	140574267	26-910	Mazovian	kozienicki	Magnuszew	Latków
390	1039Z	978079910	00-112	Mazovian	Warszawa	Śródmieście	Warszawa
391	1039Z	010892315	02-495	Mazovian	Warszawa	Ursus	Warszawa
392	1039Z	368322655	19-200	Podlasie	grajewski	Grajewo	Grajewo
393	1039Z	011737427	05-551	Mazovian	piaseczyński	Lesznowola	Stefanowo
394	1039Z	146658048	05-620	Mazovian	grójecki	Błędów	Trzylatków Duży
395	1039Z	015487418	02-201	Mazovian	Warszawa	Ochota	Warszawa

396	1039Z	010081290	05-806	Mazovian	pruszkowski	Michałowice	Granica
397	1039Z	160150669	45-068	Opole	Opole	Opole	Opole
398	1039Z	015526354	05-326	Mazovian	wołomiński	Poświętne	Nowe Ręczaje
399	1039Z	750082780	96-515	Mazovian	sochaczewski	Teresin	Teresin
400	1039Z	140789878	05-622	Mazovian	grójecki	Belsk Duży	Łęczeszyce
401	1039Z	242967660	40-013	Silesian	Katowice	Katowice	Katowice
402	1039Z	852707837	33-190	Lesser Poland	tarnowski	Ciężkowice	Kąśna Dolna
403	1039Z	368326185	34-532	Lesser Poland	tatrzański	Bukowina Tatrzańska	Jurgów
404	1039Z	690211047	37-100	Subcarpathian	łańcucki	Łańcut	Łańcut
405	1039Z	365641101	35-051	Subcarpathian	Rzeszów	Rzeszów	Rzeszów
406	1039Z	770719746	77-141	Pomeranian	bytowski	Borzytuchom	Borzytuchom
407	1039Z	221862584	81-533	Pomeranian	Gdynia	Gdynia	Gdynia
408	1039Z	150364562	42-700	Silesian	lubliniecki	Pawonków	Solarnia
409	1039Z	200064360	15-399	Podlasie	Białystok	Białystok	Białystok
410	1039Z	273019730	47-400	Silesian	raciborski	Racibórz	Racibórz
411	1039Z	072311630	43-332	Silesian	bielski	Wilamowice	Pisarzowice
412	1039Z	012868551	04-859	Mazovian	Warszawa	Wawer	Warszawa
413	1039Z	190280294	83-010	Pomeranian	gdański	Pruszcz Gdański	Straszyn
414	1039Z	011193861	04-794	Mazovian	Warszawa	Wawer	Warszawa
415	1039Z	011971650	03-986	Mazovian	Warszawa	Wawer	Warszawa
416	1039Z	011213144	04-788	Mazovian	Warszawa	Wawer	Warszawa
417	1039Z	010393339	01-047	Mazovian	Warszawa	Wola	Warszawa
418	1039Z	910862585	43-370	Silesian	bielski	Szczyrk	Szczyrk
419	1039Z	150034273	42-240	Silesian	częstochowski	Rędziny	Rudniki
420	1039Z	241112850	42-110	Silesian	kłobucki	Popów	Zbory
421	1039Z	650007349	37-200	Subcarpathian	przeworski	Przeworsk	Przeworsk
422	1039Z	001394142	42-284	Silesian	lubliniecki	Herby	Herby
423	1039Z	241594381	42-284	Silesian	lubliniecki	Herby	Herby
424	1039Z	150636144	40-833	Silesian	Katowice	Katowice	Katowice
425	1039Z	271242641	42-672	Silesian	tarnogórski	Zbrosławice	Wieszowa
426	1039Z	190271622	83-330	Pomeranian	kartuski	Żukowo	Żukowo
427	1039Z	271975852	44-100	Silesian	Gliwice	Gliwice	Gliwice
428	1039Z	190428176	83-130	Pomeranian	tczewski	Pelplin	Pelplin

429	1039Z	192761081	80-736	Pomeranian	Gdańsk	Gdańsk	Gdańsk
430	1039Z	650073820	37-220	Subcarpathian	przeworski	Kańczuga	Kańczuga
431	1039Z	272724431	44-348	Silesian	wodzisławski	Godów	Skrzyszów
432	1039Z	222132860	76-200	Pomeranian	Słupsk	Słupsk	Słupsk
433	1039Z	411287762	62-067	Greater Poland	grodziski	Rakoniewice	Rakoniewice
434	1039Z	384552555	43-250	Silesian	pszczyński	Pawłowice	Pawłowice
435	1039Z	170736628	82-540	Varmia-Mazuria	iławski	Susz	Susz
436	1039Z	366541608	64-212	Greater Poland	wolsztyński	Siedlec	Siedlec
437	1039Z	250462008	62-800	Greater Poland	Kalisz	Kalisz	Kalisz
438	1039Z	411444871	64-100	Greater Poland	Leszno	Leszno	Leszno
439	1039Z	301801649	64-100	Greater Poland	Leszno	Leszno	Leszno
440	1039Z	634514171	62-052	Greater Poland	poznański	Komorniki	Komorniki
441	1039Z	630730191	62-025	Greater Poland	poznański	Kostrzyn	Kostrzyn
442	1039Z	631001502	62-300	Greater Poland	wrzesiński	Września	Września
443	1039Z	630132283	64-330	Greater Poland	nowotomyski	Opalenica	Opalenica
444	1039Z	300033473	64-915	Greater Poland	złotowski	Jastrowie	Jastrowie
445	1039Z	631178169	60-003	Greater Poland	Poznań	Poznań-Grunwald	Poznań
446	1039Z	250496579	63-400	Greater Poland	ostrowski	Ostrów Wielkopolski	Ostrów Wielkopolski
447	1039Z	631264615	64-310	Greater Poland	nowotomyski	Lwówek	Lwówek
448	1039Z	302649066	64-731	Greater Poland	czarnkowsko-trzcianecki	Drawsko	Drawski Młyn
449	1039Z	932789486	64-400	Greater Poland	międzychodzki	Międzychód	Międzychód
450	1039Z	630118337	61-211	Greater Poland	Poznań	Poznań-Nowe Miasto	Poznań
451	1039Z	220887576	76-200	Pomeranian	słupski	Słupsk	Głobino
452	1039Z	639527511	60-193	Greater Poland	Poznań	Poznań-Grunwald	Poznań
453	1039Z	008495478	60-349	Greater Poland	Poznań	Poznań-Grunwald	Poznań
454	1039Z	368252618	84-140	Pomeranian	pucki	Jastarnia	Jastarnia
455	1039Z	330035260	75-216	West-Pomeranian	Koszalin	Koszalin	Koszalin
456	1039Z	292400693	25-045	Holy Cross	Kielce	Kielce	Kielce
457	1039Z	000465354	64-020	Greater Poland	kościański	Czempiń	Czempiń
458	1039Z	430790680	23-240	Lublin	opolski	Józefów nad Wisłą	Józefów nad Wisłą
459	1039Z	150229930	42-265	Silesian	częstochowski	Dąbrowa Zielona	Dąbrowa Zielona
460	1039Z	791003106	02-793	Mazovian	Warszawa	Ursynów	Warszawa
461	1039Z	090519137	88-170	Kuyavian-Pomeranian	inowrocławski	Pakość	Pakość

462	1039Z	092467048	88-150	Kuyavian-Pomeranian	inowrocławski	Kruszwica	Kruszwica
463	1039Z	870578857	86-200	Kuyavian-Pomeranian	chełmiński	Chełmno	Chełmno
464	1039Z	010102193	01-226	Mazovian	Warszawa	Wola	Warszawa
465	1039Z	016232376	04-789	Mazovian	Warszawa	Wawer	Warszawa
466	1039Z	170422500	82-500	Pomeranian	kwidzyński	Kwidzyn	Kwidzyn
467	1039Z	220817015	89-600	Pomeranian	chojnicki	Chojnice	Chojnice
468	1039Z	241445310	41-800	Silesian	Zabrze	Zabrze	Zabrze
469	1039Z	240562321	42-209	Silesian	Częstochowa	Częstochowa	Częstochowa
470	1039Z	151399433	42-165	Silesian	kłobucki	Lipie	Albertów
471	1039Z	015244839	05-084	Mazovian	warszawski zachodni	Leszno	Leszno
472	1039Z	310324790	62-400	Greater Poland	słupecki	Słupca	Kowalewo-Parcele
473	1039Z	632513530	62-025	Greater Poland	poznański	Kostrzyn	Siekierki Wielkie
474	1039Z	634370855	60-476	Greater Poland	Poznań	Poznań	Poznań
475	1039Z	220945641	83-200	Pomeranian	starogardzki	Starogard Gdański	Starogard Gdański
476	1039Z	100654454	66-004	Lubusz	Zielona Góra	Zielona Góra	Zielona Góra
477	1039Z	012122314	24-160	Lublin	puławski	Wąwolnica	Łopatki
478	1039Z	385242561	31-125	Lesser Poland	krakowski	Igołomia-Wawrzeńczyce	Tropiszów
479	1039Z	388702827	59-330	Lower Silesia	lubiński	Ścinawa	Ścinawa
480	1039Z	091488261	77-300	Pomeranian	człuchowski	Człuchów	Ględowo
481	1039Z	932484226	56-420	Lower Silesia	oleśnicki	Bierutów	Karwiniec
482	1039Z	140919134	01-226	Mazovian	Warszawa	Warszawa	Warszawa
483	1039Z	366785049	86-031	Kuyavian-Pomeranian	bydgoski	Osielsko	Osielsko
484	1039Z	389090177	17-315	Podlasie	siemiatycki	Grodzisk	Koryciny
485	1039Z	472383685	95-035	Lodz	zgierski	Ozorków	Opalanki
486	1039Z	384229179	31-537	Lesser Poland	Kraków	Kraków-Śródmieście	Kraków
487	1039Z	389835134	62-800	Greater Poland	Kalisz	Kalisz	Kalisz
488	1039Z	384621405	21-504	Lublin	bialski	Rokitno	Rokitno
489	1039Z	850237729	32-830	Lesser Poland	tarnowski	Wojnicz	Wielka Wieś
490	1039Z	016319580	05-870	Mazovian	warszawski zachodni	Błonie	Błonie

Supplementary S3: Likert dataTable

No.	X(1)Q1	X(1)Q2	X(1)Q3	X(2)Q1	X(2)Q2	X(2)Q3	X(2)Q4	X(2)Q5
1	6	5	6	3	5	5	6	3
2	6	4	4	5	6	5	4	5
3	5	5	2	3	3	5	2	2
4	6	6	3	4	5	5	5	4
5	7	4	3	5	7	7	7	7
6	7	6	7	5	7	7	6	4
7	7	7	5	7	7	6	6	4
8	7	5	2	3	3	5	5	1
9	6	6	2	3	5	5	2	1
10	5	5	1	3	3	5	3	1
11	5	6	2	2	3	3	3	1
12	6	5	2	3	5	5	5	1
13	7	7	4	6	6	6	6	1
14	6	6	6	3	3	5	5	1
15	7	5	5	3	5	6	5	1
16	6	5	3	2	4	5	5	2
17	7	7	5	5	3	6	3	1
18	6	5	5	6	7	5	6	4
19	6	3	2	3	2	3	2	2
20	6	5	2	3	3	5	2	1
21	6	5	2	3	5	5	3	1
22	7	7	6	5	6	6	6	2
23	6	6	5	5	6	6	6	2
24	7	6	5	6	6	6	6	3
25	5	6	3	5	5	6	5	1
26	6	6	3	5	5	6	5	1
27	6	5	3	5	6	6	6	2
28	6	5	6	5	6	6	6	3
29	7	7	6	6	6	6	6	3
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31	6	5	5	6	6	6	6	2
32	6	5	5	3	5	6	3	2
33	6	5	5	3	5	6	5	1
34	6	5	5	5	5	6	6	2
35	6	5	6	6	6	6	6	3
36	6	7	5	6	6	6	6	2
37	6	3	3	2	2	2	2	1
38	6	5	3	3	6	6	5	2
39	5	2	1	1	1	1	1	1
40	6	7	6	7	7	7	6	3
41	7	7	5	6	6	6	6	2
42	7	6	6	6	6	6	5	2
43	6	6	6	5	6	6	5	3
44	6	3	2	2	2	3	2	2

Supplementary S3: Likert dataTable

45	7	6	6	6	6	6	6	3
46	7	5	5	5	6	6	5	2
47	6	6	5	6	6	6	6	3
48	7	6	6	6	6	6	6	3
49	6	6	6	5	6	6	5	3
50	6	5	6	2	5	5	3	2
51	6	5	3	3	6	5	3	1
52	5	7	6	2	5	6	2	2
53	6	5	6	5	6	6	6	3
54	6	3	5	5	6	5	5	2
55	6	6	5	5	6	6	6	3
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61	6	6	5	5	6	6	5	3
62	6	5	5	6	6	6	3	2
63	5	3	2	2	2	2	2	1
64	5	6	6	2	5	5	2	2
65	6	5	5	5	6	7	5	2
66	6	5	2	3	5	5	2	2
67	6	5	6	5	6	6	6	3
68	5	5	5	2	5	5	3	2
69	1	2	7	1	1	1	1	6
70	6	6	6	5	6	6	6	2
71	6	6	5	5	6	6	6	2
72	6	6	5	5	6	6	6	2
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74	7	3	6	6	7	6	6	3
75	6	5	6	3	5	5	6	3
76	6	4	4	5	6	5	4	5
77	5	5	2	3	3	5	2	2
78	6	6	3	4	5	5	5	4
79	7	4	3	5	7	7	7	7
80	7	6	7	5	7	7	6	4
81	7	7	5	7	7	6	6	4
82	7	5	2	3	3	5	5	1
83	6	6	2	3	5	5	2	1
84	5	5	1	3	3	5	3	1
85	5	6	2	2	3	3	3	1
86	6	5	2	3	5	5	5	1
87	7	7	4	6	6	6	6	1
88	6	6	6	3	3	5	5	1
89	7	5	5	3	5	6	5	1
90	6	5	3	2	4	5	5	2
91	7	7	5	5	3	6	3	1
92	6	5	5	6	7	5	6	4

93	6	3	2	3	2	3	2	2
94	6	5	2	3	3	5	2	1
95	6	5	2	3	5	5	3	1
96	7	7	6	5	6	6	6	2
97	6	6	5	5	6	6	6	2
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111	6	3	3	2	2	2	2	1
112	6	5	3	3	6	6	5	2
113	5	2	1	1	1	1	1	1
114	6	7	6	7	7	7	6	3
115	7	7	5	6	6	6	6	2
116	7	6	6	6	6	6	5	2
117	6	6	6	5	6	6	5	3
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136	6	5	5	6	6	6	3	2
137	5	3	2	2	2	2	2	1
138	5	6	6	2	5	5	2	2
139	6	5	5	5	6	7	5	2
140	6	5	2	3	5	5	2	2

Supplementary S3: Likert dataTable

141	6	5	6	5	6	6	6	3
142	5	5	5	2	5	5	3	2
143	1	2	7	1	1	1	1	6
144	6	6	6	5	6	6	6	2
145	6	6	5	5	6	6	6	2
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154	7	6	7	5	7	7	6	4
155	7	7	5	7	7	6	6	4
156	7	5	2	3	3	5	5	1
157	6	6	2	3	5	5	2	1
158	5	5	1	3	3	5	3	1
159	5	6	2	2	3	3	3	1
160	6	5	2	3	5	5	5	1
161	7	7	4	6	6	6	6	1
162	6	6	6	3	3	5	5	1
163	7	5	5	3	5	6	5	1
164	6	5	3	2	4	5	5	2
165	7	7	5	5	3	6	3	1
166	6	5	5	6	7	5	6	4
167	6	3	2	3	2	3	2	2
168	6	5	2	3	3	5	2	1
169	6	5	2	3	5	5	3	1
170	7	7	6	5	6	6	6	2
171	6	6	5	5	6	6	6	2
172	7	6	5	6	6	6	6	3
173	5	6	3	5	5	6	5	1
174	6	6	3	5	5	6	5	1
175	6	5	3	5	6	6	6	2
176	6	5	6	5	6	6	6	3
177	7	7	6	6	6	6	6	3
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185	6	3	3	2	2	2	2	1
186	6	5	3	3	6	6	5	2
187	5	2	1	1	1	1	1	1
188	6	7	6	7	7	7	6	3

No.	X(2)Q6	X(2)Q7	X(3)Q1	X(3)Q2	X(4)Q1	X(4)Q2	X(4)Q3	X(5)Q1
189	7	7	5	6	6	6	6	2
190	7	6	6	6	6	6	5	2
191	6	6	6	5	6	6	5	3
192	6	3	2	2	2	3	2	2
193	7	6	6	6	6	6	6	3
194	7	5	5	5	6	6	5	2
195	6	6	5	6	6	6	6	3
196	7	6	6	6	6	6	6	3
197	6	6	6	5	6	6	5	3
198	6	5	6	2	5	5	3	2
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207	5	3	3	2	2	5	2	2
208	7	6	6	5	6	6	5	3
209	6	6	5	5	6	6	5	3
210	6	5	5	6	6	6	3	2
211	5	3	2	2	2	2	2	1
212	5	6	6	2	5	5	2	2
213	6	5	5	5	6	7	5	2
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215	6	5	6	5	6	6	6	3
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212	3	2	3	1	5	5	3	6
213	5	3	3	2	6	6	5	7
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215	5	2	5	1	6	6	5	7
216	2	2	3	2	5	5	1	6

No.	X(5)Q2	X(5)|Q3	X(5)Q4	X(5)Q5	X(5)Q6	X(6)Q1	X(6)Q2	X(6)Q3
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4	6	4	3	3	1	3	3	3
5	7	7	3	2	1	1	4	3
6	7	5	5	7	3	4	5	4
7	7	6	5	6	1	1	3	5
8	7	5	1	1	1	1	3	1
9	7	6	2	1	1	2	2	1
10	6	3	2	1	1	1	1	1
11	7	6	1	1	1	1	3	3
12	6	5	1	1	1	1	2	2
13	7	6	2	2	1	1	2	3
14	6	1	1	1	1	1	3	2
15	6	6	1	1	1	1	2	2
16	6	5	3	2	1	1	2	5
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18	5	6	5	5	4	3	3	6
19	5	5	2	2	2	2	2	5
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21	6	5	2	2	1	1	2	3
22	6	6	5	3	2	3	5	5
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26	6	3	1	2	1	2	2	3
27	6	5	2	2	1	2	3	2
28	6	5	2	2	1	2	3	3
29	7	6	3	3	2	3	6	6
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33	6	5	2	2	1	2	3	2
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35	7	6	2	2	2	3	6	5
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205	6	5	1	1	1	2	3	2
206	6	5	1	2	1	2	2	2
207	2	2	1	1	1	1	1	2
208	6	6	2	1	1	3	6	5
209	6	6	2	2	2	2	2	2
210	6	5	2	2	1	2	3	2
211	6	3	2	2	1	2	2	2
212	5	3	2	2	1	2	2	2
213	6	6	2	2	1	2	5	5
214	6	3	2	2	1	2	2	2
215	6	6	1	1	1	2	5	5
216	5	3	2	2	1	2	2	2

No.	X(6)Q4	X(6)Q5	X(6)Q6	X(6)Q7	X(6)Q8	X(6)Q9	X(6)Q10	X(7)Q1
1	7	7	7	6	5	5	1	5
2	4	6	6	6	4	5	4	5
3	5	6	5	6	4	5	1	2
4	4	5	5	5	5	5	2	5
5	7	7	7	7	7	7	4	7
6	7	5	7	7	5	5	3	6
7	6	6	5	7	7	7	1	4
8	6	7	6	6	7	6	1	5
9	6	6	5	5	6	3	1	2
10	5	5	5	5	3	4	1	2

Supplementary S3: Likert dataTable

11	6	6	6	6	6	3	1	6
12	6	6	5	5	6	3	1	2
13	6	6	5	5	7	6	1	4
14	6	6	6	3	6	2	1	5
15	6	7	5	5	7	2	1	5
16	6	6	6	5	5	5	1	4
17	6	6	3	3	6	2	1	5
18	6	7	7	7	4	7	5	7
19	5	5	2	2	5	2	1	5
20	5	6	6	5	6	2	1	5
21	6	5	3	3	6	2	1	5
22	7	7	6	6	7	3	2	5
23	6	6	6	5	7	6	3	5
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25	5	6	5	5	6	2	1	5
26	5	6	6	5	5	2	1	5
27	6	6	6	3	6	2	1	5
28	6	6	6	3	6	2	1	5
29	6	6	6	5	6	6	2	6
30	6	6	6	5	6	3	1	6
31	6	6	6	5	6	6	2	6
32	6	6	6	3	5	2	1	5
33	6	7	6	5	6	3	2	5
34	5	6	5	5	5	2	2	6
35	6	6	6	5	6	5	2	6
36	6	6	6	6	6	3	2	6
37	6	6	6	6	5	2	1	4
38	7	7	6	6	5	2	2	5
39	5	3	5	3	5	6	2	3
40	6	6	6	6	6	5	2	6
41	6	6	6	5	5	5	2	5
42	6	6	5	5	5	5	1	5
43	7	7	5	5	6	3	1	5
44	5	5	5	5	5	2	2	4
45	7	7	6	5	6	5	1	6
46	6	6	5	5	5	2	1	5
47	6	6	5	3	5	5	2	5
48	6	6	6	6	6	5	2	6
49	7	6	6	6	6	6	1	6
50	6	6	6	3	5	5	2	5
51	6	6	6	6	6	6	1	5
52	5	6	6	6	5	2	1	4
53	6	6	6	5	5	5	2	6
54	6	6	5	5	3	5	3	5
55	6	6	6	5	4	3	2	5
56	5	6	5	5	5	3	1	5
57	5	6	6	5	5	2	1	5
58	6	6	6	5	6	2	1	6

Supplementary S3: Likert dataTable

59	5	5	5	5	1	1	1	2
60	6	6	6	6	5	5	2	6
61	6	6	6	5	6	2	2	5
62	6	7	7	5	6	3	1	5
63	6	5	5	5	3	2	2	2
64	6	6	5	5	5	2	2	3
65	6	7	6	3	6	5	1	5
66	5	6	5	5	3	2	1	5
67	6	6	6	2	6	5	2	6
68	5	5	5	3	5	2	1	5
69	7	3	3	3	2	6	2	7
70	7	6	6	6	5	6	1	5
71	7	6	6	6	5	6	2	5
72	6	7	6	6	5	6	1	5
73	7	7	5	2	6	5	2	3
74	6	6	6	2	5	5	2	3
75	7	7	7	6	5	5	1	5
76	4	6	6	6	4	5	4	5
77	5	6	5	6	4	5	1	2
78	4	5	5	5	5	5	2	5
79	7	7	7	7	7	7	4	7
80	7	5	7	7	5	5	3	6
81	6	6	5	7	7	7	1	4
82	6	7	6	6	7	6	1	5
83	6	6	5	5	6	3	1	2
84	5	5	5	5	3	4	1	2
85	6	6	6	6	6	3	1	6
86	6	6	5	5	6	3	1	2
87	6	6	5	5	7	6	1	4
88	6	6	6	3	6	2	1	5
89	6	7	5	5	7	2	1	5
90	6	6	6	5	5	5	1	4
91	6	6	3	3	6	2	1	5
92	6	7	7	7	4	7	5	7
93	5	5	2	2	5	2	1	5
94	5	6	6	5	6	2	1	5
95	6	5	3	3	6	2	1	5
96	7	7	6	6	7	3	2	5
97	6	6	6	5	7	6	3	5
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102	6	6	6	3	6	2	1	5
103	6	6	6	5	6	6	2	6
104	6	6	6	5	6	3	1	6
105	6	6	6	5	6	6	2	6
106	6	6	6	3	5	2	1	5

Supplementary S3: Likert dataTable

107	6	7	6	5	6	3	2	5
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109	6	6	6	5	6	5	2	6
110	6	6	6	6	6	3	2	6
111	6	6	6	6	5	2	1	4
112	7	7	6	6	5	2	2	5
113	5	3	5	3	5	6	2	3
114	6	6	6	6	6	5	2	6
115	6	6	6	5	5	5	2	5
116	6	6	5	5	5	5	1	5
117	7	7	5	5	6	3	1	5
118	5	5	5	5	5	2	2	4
119	7	7	6	5	6	5	1	6
120	6	6	5	5	5	2	1	5
121	6	6	5	3	5	5	2	5
122	6	6	6	6	6	5	2	6
123	7	6	6	6	6	6	1	6
124	6	6	6	3	5	5	2	5
125	6	6	6	6	6	6	1	5
126	5	6	6	6	5	2	1	4
127	6	6	6	5	5	5	2	6
128	6	6	5	5	3	5	3	5
129	6	6	6	5	4	3	2	5
130	5	6	5	5	5	3	1	5
131	5	6	6	5	5	2	1	5
132	6	6	6	5	6	2	1	6
133	5	5	5	5	1	1	1	2
134	6	6	6	6	5	5	2	6
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138	6	6	5	5	5	2	2	3
139	6	7	6	3	6	5	1	5
140	5	6	5	5	3	2	1	5
141	6	6	6	2	6	5	2	6
142	5	5	5	3	5	2	1	5
143	7	3	3	3	2	6	2	7
144	7	6	6	6	5	6	1	5
145	7	6	6	6	5	6	2	5
146	6	7	6	6	5	6	1	5
147	7	7	5	2	6	5	2	3
148	6	6	6	2	5	5	2	3
149	7	7	7	6	5	5	1	5
150	4	6	6	6	4	5	4	5
151	5	6	5	6	4	5	1	2
152	4	5	5	5	5	5	2	5
153	7	7	7	7	7	7	4	7
154	7	5	7	7	5	5	3	6

Supplementary S3: Likert dataTable

155	6	6	5	7	7	7	1	4
156	6	7	6	6	7	6	1	5
157	6	6	5	5	6	3	1	2
158	5	5	5	5	3	4	1	2
159	6	6	6	6	6	3	1	6
160	6	6	5	5	6	3	1	2
161	6	6	5	5	7	6	1	4
162	6	6	6	3	6	2	1	5
163	6	7	5	5	7	2	1	5
164	6	6	6	5	5	5	1	4
165	6	6	3	3	6	2	1	5
166	6	7	7	7	4	7	5	7
167	5	5	2	2	5	2	1	5
168	5	6	6	5	6	2	1	5
169	6	5	3	3	6	2	1	5
170	7	7	6	6	7	3	2	5
171	6	6	6	5	7	6	3	5
172	6	6	6	6	6	5	2	5
173	5	6	5	5	6	2	1	5
174	5	6	6	5	5	2	1	5
175	6	6	6	3	6	2	1	5
176	6	6	6	3	6	2	1	5
177	6	6	6	5	6	6	2	6
178	6	6	6	5	6	3	1	6
179	6	6	6	5	6	6	2	6
180	6	6	6	3	5	2	1	5
181	6	7	6	5	6	3	2	5
182	5	6	5	5	5	2	2	6
183	6	6	6	5	6	5	2	6
184	6	6	6	6	6	3	2	6
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187	5	3	5	3	5	6	2	3
188	6	6	6	6	6	5	2	6
189	6	6	6	5	5	5	2	5
190	6	6	5	5	5	5	1	5
191	7	7	5	5	6	3	1	5
192	5	5	5	5	5	2	2	4
193	7	7	6	5	6	5	1	6
194	6	6	5	5	5	2	1	5
195	6	6	5	3	5	5	2	5
196	6	6	6	6	6	5	2	6
197	7	6	6	6	6	6	1	6
198	6	6	6	3	5	5	2	5
199	6	6	6	6	6	6	1	5
200	5	6	6	6	5	2	1	4
201	6	6	6	5	5	5	2	6
202	6	6	5	5	3	5	3	5

203	6	6	6	5	4	3	2	5
204	5	6	5	5	5	3	1	5
205	5	6	6	5	5	2	1	5
206	6	6	6	5	6	2	1	6
207	5	5	5	5	1	1	1	2
208	6	6	6	6	5	5	2	6
209	6	6	6	5	6	2	2	5
210	6	7	7	5	6	3	1	5
211	6	5	5	5	3	2	2	2
212	6	6	5	5	5	2	2	3
213	6	7	6	3	6	5	1	5
214	5	6	5	5	3	2	1	5
215	6	6	6	2	6	5	2	6
216	5	5	5	3	5	2	1	5

No.	X(7)Q2	X(7)Q3	X(7)Q4	X(7)Q5	X(8)Q1	X(8)Q2	X(8)Q3	X(8)Q4
1	5	2	3	3	5	1	2	1
2	4	4	4	4	4	5	5	4
3	2	1	1	1	4	2	2	2
4	3	3	2	2	4	3	2	3
5	7	5	6	5	7	4	2	5
6	4	3	1	1	7	4	3	4
7	2	3	2	3	7	3	3	2
8	2	1	1	1	5	1	1	5
9	2	1	1	1	3	1	2	3
10	1	1	1	1	2	1	1	2
11	2	1	1	1	3	1	2	1
12	2	2	1	1	3	1	2	2
13	2	3	3	2	7	3	3	2
14	2	1	1	1	5	2	2	2
15	2	1	2	1	5	1	2	2
16	2	2	1	2	2	2	3	4
17	2	1	1	1	2	1	3	3
18	5	1	1	1	7	6	6	1
19	2	2	2	2	2	1	2	2
20	2	1	1	1	3	1	3	5
21	2	2	2	2	3	1	2	2
22	3	2	2	3	6	3	5	3
23	2	2	2	2	5	2	5	3
24	2	2	2	2	5	3	3	3
25	2	2	2	1	5	2	3	3
26	2	2	2	2	5	2	3	5
27	2	2	2	2	5	2	2	3
28	3	2	2	2	6	3	3	3
29	2	2	2	2	7	3	5	3
30	2	2	2	3	6	3	3	3
31	3	2	2	2	6	1	3	2

32	2	2	2	2	3	2	2	3
33	2	2	1	1	5	1	3	3
34	3	2	1	1	5	2	2	3
35	3	3	2	3	6	1	3	5
36	3	2	1	1	6	2	2	3
37	4	4	4	4	2	1	1	2
38	2	1	1	1	5	1	1	2
39	1	6	6	6	7	3	3	6
40	2	2	2	2	6	2	5	3
41	1	1	3	3	6	2	3	5
42	2	2	3	3	6	1	2	3
43	1	5	2	3	5	1	2	3
44	4	2	2	2	3	2	2	2
45	3	2	2	5	5	2	2	3
46	2	2	2	2	5	2	2	2
47	2	2	1	1	6	2	2	3
48	3	5	5	2	6	2	5	5
49	2	2	2	2	6	2	5	5
50	2	2	2	2	5	2	2	5
51	1	1	1	1	5	1	3	5
52	4	4	4	4	3	2	2	4
53	2	2	2	5	6	2	3	5
54	3	2	1	5	5	1	2	3
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56	2	2	2	2	5	2	2	3
57	1	1	1	1	6	1	2	3
58	2	2	2	3	6	1	2	2
59	2	2	2	2	2	1	1	2
60	3	3	2	2	5	2	2	5
61	3	2	1	3	5	1	1	2
62	1	1	1	1	5	1	2	5
63	2	2	2	2	3	2	2	4
64	2	1	1	1	3	1	1	3
65	2	2	1	5	5	1	2	3
66	2	2	2	2	2	2	2	5
67	3	2	2	2	5	1	2	5
68	2	2	2	5	2	1	1	5
69	6	7	7	7	1	2	1	7
70	2	3	2	3	6	2	6	3
71	2	3	2	3	6	1	5	3
72	2	5	2	3	6	2	5	3
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75	5	2	3	3	5	1	2	1
76	4	4	4	4	4	5	5	4
77	2	1	1	1	4	2	2	2
78	3	3	2	2	4	3	2	3
79	7	5	6	5	7	4	2	5

80	4	3	1	1	7	4	3	4
81	2	3	2	3	7	3	3	2
82	2	1	1	1	5	1	1	5
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87	2	3	3	2	7	3	3	2
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89	2	1	2	1	5	1	2	2
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91	2	1	1	1	2	1	3	3
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94	2	1	1	1	3	1	3	5
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96	3	2	2	3	6	3	5	3
97	2	2	2	2	5	2	5	3
98	2	2	2	2	5	3	3	3
99	2	2	2	1	5	2	3	3
100	2	2	2	2	5	2	3	5
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103	2	2	2	2	7	3	5	3
104	2	2	2	3	6	3	3	3
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106	2	2	2	2	3	2	2	3
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109	3	3	2	3	6	1	3	5
110	3	2	1	1	6	2	2	3
111	4	4	4	4	2	1	1	2
112	2	1	1	1	5	1	1	2
113	1	6	6	6	7	3	3	6
114	2	2	2	2	6	2	5	3
115	1	1	3	3	6	2	3	5
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123	2	2	2	2	6	2	5	5
124	2	2	2	2	5	2	2	5
125	1	1	1	1	5	1	3	5
126	4	4	4	4	3	2	2	4
127	2	2	2	5	6	2	3	5

128	3	2	1	5	5	1	2	3
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131	1	1	1	1	6	1	2	3
132	2	2	2	3	6	1	2	2
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135	3	2	1	3	5	1	1	2
136	1	1	1	1	5	1	2	5
137	2	2	2	2	3	2	2	4
138	2	1	1	1	3	1	1	3
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143	6	7	7	7	1	2	1	7
144	2	3	2	3	6	2	6	3
145	2	3	2	3	6	1	5	3
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147	1	2	2	3	6	1	3	3
148	1	2	2	2	6	1	2	6
149	5	2	3	3	5	1	2	1
150	4	4	4	4	4	5	5	4
151	2	1	1	1	4	2	2	2
152	3	3	2	2	4	3	2	3
153	7	5	6	5	7	4	2	5
154	4	3	1	1	7	4	3	4
155	2	3	2	3	7	3	3	2
156	2	1	1	1	5	1	1	5
157	2	1	1	1	3	1	2	3
158	1	1	1	1	2	1	1	2
159	2	1	1	1	3	1	2	1
160	2	2	1	1	3	1	2	2
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164	2	2	1	2	2	2	3	4
165	2	1	1	1	2	1	3	3
166	5	1	1	1	7	6	6	1
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168	2	1	1	1	3	1	3	5
169	2	2	2	2	3	1	2	2
170	3	2	2	3	6	3	5	3
171	2	2	2	2	5	2	5	3
172	2	2	2	2	5	3	3	3
173	2	2	2	1	5	2	3	3
174	2	2	2	2	5	2	3	5
175	2	2	2	2	5	2	2	3

Supplementary S3: Likert dataTable

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179	3	2	2	2	6	1	3	2
180	2	2	2	2	3	2	2	3
181	2	2	1	1	5	1	3	3
182	3	2	1	1	5	2	2	3
183	3	3	2	3	6	1	3	5
184	3	2	1	1	6	2	2	3
185	4	4	4	4	2	1	1	2
186	2	1	1	1	5	1	1	2
187	1	6	6	6	7	3	3	6
188	2	2	2	2	6	2	5	3
189	1	1	3	3	6	2	3	5
190	2	2	3	3	6	1	2	3
191	1	5	2	3	5	1	2	3
192	4	2	2	2	3	2	2	2
193	3	2	2	5	5	2	2	3
194	2	2	2	2	5	2	2	2
195	2	2	1	1	6	2	2	3
196	3	5	5	2	6	2	5	5
197	2	2	2	2	6	2	5	5
198	2	2	2	2	5	2	2	5
199	1	1	1	1	5	1	3	5
200	4	4	4	4	3	2	2	4
201	2	2	2	5	6	2	3	5
202	3	2	1	5	5	1	2	3
203	2	2	2	2	6	1	3	5
204	2	2	2	2	5	2	2	3
205	1	1	1	1	6	1	2	3
206	2	2	2	3	6	1	2	2
207	2	2	2	2	2	1	1	2
208	3	3	2	2	5	2	2	5
209	3	2	1	3	5	1	1	2
210	1	1	1	1	5	1	2	5
211	2	2	2	2	3	2	2	4
212	2	1	1	1	3	1	1	3
213	2	2	1	5	5	1	2	3
214	2	2	2	2	2	2	2	5
215	3	2	2	2	5	1	2	5
216	2	2	2	5	2	1	1	5

Supplementary S4: dEX fractionTable

No.	X(1)Q1	X(1)Q2	X(1)Q3	X(2)Q1	X(2)Q2	X(2)Q3	X(2)Q4	X(2)Q5
1	5/6	2/3	5/6	1/3	2/3	2/3	5/6	1/3
2	5/6	1/2	1/2	2/3	5/6	2/3	1/2	2/3
3	2/3	2/3	1/6	1/3	1/3	2/3	1/6	1/6
4	5/6	5/6	1/3	1/2	2/3	2/3	2/3	1/2
5	1	1/2	1/3	2/3	1	1	1	1
6	1	5/6	1	2/3	1	1	5/6	1/2
7	1	1	2/3	1	1	5/6	5/6	1/2
8	1	2/3	1/6	1/3	1/3	2/3	2/3	0
9	5/6	5/6	1/6	1/3	2/3	2/3	1/6	0
10	2/3	2/3	0	1/3	1/3	2/3	1/3	0
11	2/3	5/6	1/6	1/6	1/3	1/3	1/3	0
12	5/6	2/3	1/6	1/3	2/3	2/3	2/3	0
13	1	1	1/2	5/6	5/6	5/6	5/6	0
14	5/6	5/6	5/6	1/3	1/3	2/3	2/3	0
15	1	2/3	2/3	1/3	2/3	5/6	2/3	0
16	5/6	2/3	1/3	1/6	1/2	2/3	2/3	1/6
17	1	1	2/3	2/3	1/3	5/6	1/3	0
18	5/6	2/3	2/3	5/6	1	2/3	5/6	1/2
19	5/6	1/3	1/6	1/3	1/6	1/3	1/6	1/6
20	5/6	2/3	1/6	1/3	1/3	2/3	1/6	0
21	5/6	2/3	1/6	1/3	2/3	2/3	1/3	0
22	1	1	5/6	2/3	5/6	5/6	5/6	1/6
23	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/6
24	1	5/6	2/3	5/6	5/6	5/6	5/6	1/3
25	2/3	5/6	1/3	2/3	2/3	5/6	2/3	0
26	5/6	5/6	1/3	2/3	2/3	5/6	2/3	0
27	5/6	2/3	1/3	2/3	5/6	5/6	5/6	1/6
28	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
29	1	1	5/6	5/6	5/6	5/6	5/6	1/3
30	5/6	1	5/6	5/6	5/6	5/6	5/6	1/6
31	5/6	2/3	2/3	5/6	5/6	5/6	5/6	1/6
32	5/6	2/3	2/3	1/3	2/3	5/6	1/3	1/6
33	5/6	2/3	2/3	1/3	2/3	5/6	2/3	0
34	5/6	2/3	2/3	2/3	2/3	5/6	5/6	1/6
35	5/6	2/3	5/6	5/6	5/6	5/6	5/6	1/3
36	5/6	1	2/3	5/6	5/6	5/6	5/6	1/6
37	5/6	1/3	1/3	1/6	1/6	1/6	1/6	0
38	5/6	2/3	1/3	1/3	5/6	5/6	2/3	1/6
39	2/3	1/6	0	0	0	0	0	0
40	5/6	1	5/6	1	1	1	5/6	1/3
41	1	1	2/3	5/6	5/6	5/6	5/6	1/6
42	1	5/6	5/6	5/6	5/6	5/6	2/3	1/6
43	5/6	5/6	5/6	2/3	5/6	5/6	2/3	1/3
44	5/6	1/3	1/6	1/6	1/6	1/3	1/6	1/6

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45	1	5/6	5/6	5/6	5/6	5/6	5/6	1/3
46	1	2/3	2/3	2/3	5/6	5/6	2/3	1/6
47	5/6	5/6	2/3	5/6	5/6	5/6	5/6	1/3
48	1	5/6	5/6	5/6	5/6	5/6	5/6	1/3
49	5/6	5/6	5/6	2/3	5/6	5/6	2/3	1/3
50	5/6	2/3	5/6	1/6	2/3	2/3	1/3	1/6
51	5/6	2/3	1/3	1/3	5/6	2/3	1/3	0
52	2/3	1	5/6	1/6	2/3	5/6	1/6	1/6
53	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
54	5/6	1/3	2/3	2/3	5/6	2/3	2/3	1/6
55	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/3
56	1	2/3	5/6	2/3	5/6	5/6	5/6	1/6
57	5/6	5/6	2/3	5/6	5/6	5/6	2/3	1/6
58	5/6	1	1/3	1/6	2/3	2/3	1/6	5/6
59	2/3	1/3	1/3	1/6	1/6	2/3	1/6	1/6
60	1	5/6	5/6	2/3	5/6	5/6	2/3	1/3
61	5/6	5/6	2/3	2/3	5/6	5/6	2/3	1/3
62	5/6	2/3	2/3	5/6	5/6	5/6	1/3	1/6
63	2/3	1/3	1/6	1/6	1/6	1/6	1/6	0
64	2/3	5/6	5/6	1/6	2/3	2/3	1/6	1/6
65	5/6	2/3	2/3	2/3	5/6	1	2/3	1/6
66	5/6	2/3	1/6	1/3	2/3	2/3	1/6	1/6
67	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
68	2/3	2/3	2/3	1/6	2/3	2/3	1/3	1/6
69	0	1/6	1	0	0	0	0	5/6
70	5/6	5/6	5/6	2/3	5/6	5/6	5/6	1/6
71	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/6
72	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/6
73	5/6	2/3	1/6	2/3	2/3	5/6	5/6	0
74	1	1/3	5/6	5/6	1	5/6	5/6	1/3
75	5/6	2/3	5/6	1/3	2/3	2/3	5/6	1/3
76	5/6	1/2	1/2	2/3	5/6	2/3	1/2	2/3
77	2/3	2/3	1/6	1/3	1/3	2/3	1/6	1/6
78	5/6	5/6	1/3	1/2	2/3	2/3	2/3	1/2
79	1	1/2	1/3	2/3	1	1	1	1
80	1	5/6	1	2/3	1	1	5/6	1/2
81	1	1	2/3	1	1	5/6	5/6	1/2
82	1	2/3	1/6	1/3	1/3	2/3	2/3	0
83	5/6	5/6	1/6	1/3	2/3	2/3	1/6	0
84	2/3	2/3	0	1/3	1/3	2/3	1/3	0
85	2/3	5/6	1/6	1/6	1/3	1/3	1/3	0
86	5/6	2/3	1/6	1/3	2/3	2/3	2/3	0
87	1	1	1/2	5/6	5/6	5/6	5/6	0
88	5/6	5/6	5/6	1/3	1/3	2/3	2/3	0
89	1	2/3	2/3	1/3	2/3	5/6	2/3	0
90	5/6	2/3	1/3	1/6	1/2	2/3	2/3	1/6
91	1	1	2/3	2/3	1/3	5/6	1/3	0
92	5/6	2/3	2/3	5/6	1	2/3	5/6	1/2

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93	5/6	1/3	1/6	1/3	1/6	1/3	1/6	1/6
94	5/6	2/3	1/6	1/3	1/3	2/3	1/6	0
95	5/6	2/3	1/6	1/3	2/3	2/3	1/3	0
96	1	1	5/6	2/3	5/6	5/6	5/6	1/6
97	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/6
98	1	5/6	2/3	5/6	5/6	5/6	5/6	1/3
99	2/3	5/6	1/3	2/3	2/3	5/6	2/3	0
100	5/6	5/6	1/3	2/3	2/3	5/6	2/3	0
101	5/6	2/3	1/3	2/3	5/6	5/6	5/6	1/6
102	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
103	1	1	5/6	5/6	5/6	5/6	5/6	1/3
104	5/6	1	5/6	5/6	5/6	5/6	5/6	1/6
105	5/6	2/3	2/3	5/6	5/6	5/6	5/6	1/6
106	5/6	2/3	2/3	1/3	2/3	5/6	1/3	1/6
107	5/6	2/3	2/3	1/3	2/3	5/6	2/3	0
108	5/6	2/3	2/3	2/3	2/3	5/6	5/6	1/6
109	5/6	2/3	5/6	5/6	5/6	5/6	5/6	1/3
110	5/6	1	2/3	5/6	5/6	5/6	5/6	1/6
111	5/6	1/3	1/3	1/6	1/6	1/6	1/6	0
112	5/6	2/3	1/3	1/3	5/6	5/6	2/3	1/6
113	2/3	1/6	0	0	0	0	0	0
114	5/6	1	5/6	1	1	1	5/6	1/3
115	1	1	2/3	5/6	5/6	5/6	5/6	1/6
116	1	5/6	5/6	5/6	5/6	5/6	2/3	1/6
117	5/6	5/6	5/6	2/3	5/6	5/6	2/3	1/3
118	5/6	1/3	1/6	1/6	1/6	1/3	1/6	1/6
119	1	5/6	5/6	5/6	5/6	5/6	5/6	1/3
120	1	2/3	2/3	2/3	5/6	5/6	2/3	1/6
121	5/6	5/6	2/3	5/6	5/6	5/6	5/6	1/3
122	1	5/6	5/6	5/6	5/6	5/6	5/6	1/3
123	5/6	5/6	5/6	2/3	5/6	5/6	2/3	1/3
124	5/6	2/3	5/6	1/6	2/3	2/3	1/3	1/6
125	5/6	2/3	1/3	1/3	5/6	2/3	1/3	0
126	2/3	1	5/6	1/6	2/3	5/6	1/6	1/6
127	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
128	5/6	1/3	2/3	2/3	5/6	2/3	2/3	1/6
129	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/3
130	1	2/3	5/6	2/3	5/6	5/6	5/6	1/6
131	5/6	5/6	2/3	5/6	5/6	5/6	2/3	1/6
132	5/6	1	1/3	1/6	2/3	2/3	1/6	5/6
133	2/3	1/3	1/3	1/6	1/6	2/3	1/6	1/6
134	1	5/6	5/6	2/3	5/6	5/6	2/3	1/3
135	5/6	5/6	2/3	2/3	5/6	5/6	2/3	1/3
136	5/6	2/3	2/3	5/6	5/6	5/6	1/3	1/6
137	2/3	1/3	1/6	1/6	1/6	1/6	1/6	0
138	2/3	5/6	5/6	1/6	2/3	2/3	1/6	1/6
139	5/6	2/3	2/3	2/3	5/6	1	2/3	1/6
140	5/6	2/3	1/6	1/3	2/3	2/3	1/6	1/6

141	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
142	2/3	2/3	2/3	1/6	2/3	2/3	1/3	1/6
143	0	1/6	1	0	0	0	0	5/6
144	5/6	5/6	5/6	2/3	5/6	5/6	5/6	1/6
145	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/6
146	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/6
147	5/6	2/3	1/6	2/3	2/3	5/6	5/6	0
148	1	1/3	5/6	5/6	1	5/6	5/6	1/3
149	5/6	2/3	5/6	1/3	2/3	2/3	5/6	1/3
150	5/6	1/2	1/2	2/3	5/6	2/3	1/2	2/3
151	2/3	2/3	1/6	1/3	1/3	2/3	1/6	1/6
152	5/6	5/6	1/3	1/2	2/3	2/3	2/3	1/2
153	1	1/2	1/3	2/3	1	1	1	1
154	1	5/6	1	2/3	1	1	5/6	1/2
155	1	1	2/3	1	1	5/6	5/6	1/2
156	1	2/3	1/6	1/3	1/3	2/3	2/3	0
157	5/6	5/6	1/6	1/3	2/3	2/3	1/6	0
158	2/3	2/3	0	1/3	1/3	2/3	1/3	0
159	2/3	5/6	1/6	1/6	1/3	1/3	1/3	0
160	5/6	2/3	1/6	1/3	2/3	2/3	2/3	0
161	1	1	1/2	5/6	5/6	5/6	5/6	0
162	5/6	5/6	5/6	1/3	1/3	2/3	2/3	0
163	1	2/3	2/3	1/3	2/3	5/6	2/3	0
164	5/6	2/3	1/3	1/6	1/2	2/3	2/3	1/6
165	1	1	2/3	2/3	1/3	5/6	1/3	0
166	5/6	2/3	2/3	5/6	1	2/3	5/6	1/2
167	5/6	1/3	1/6	1/3	1/6	1/3	1/6	1/6
168	5/6	2/3	1/6	1/3	1/3	2/3	1/6	0
169	5/6	2/3	1/6	1/3	2/3	2/3	1/3	0
170	1	1	5/6	2/3	5/6	5/6	5/6	1/6
171	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/6
172	1	5/6	2/3	5/6	5/6	5/6	5/6	1/3
173	2/3	5/6	1/3	2/3	2/3	5/6	2/3	0
174	5/6	5/6	1/3	2/3	2/3	5/6	2/3	0
175	5/6	2/3	1/3	2/3	5/6	5/6	5/6	1/6
176	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
177	1	1	5/6	5/6	5/6	5/6	5/6	1/3
178	5/6	1	5/6	5/6	5/6	5/6	5/6	1/6
179	5/6	2/3	2/3	5/6	5/6	5/6	5/6	1/6
180	5/6	2/3	2/3	1/3	2/3	5/6	1/3	1/6
181	5/6	2/3	2/3	1/3	2/3	5/6	2/3	0
182	5/6	2/3	2/3	2/3	2/3	5/6	5/6	1/6
183	5/6	2/3	5/6	5/6	5/6	5/6	5/6	1/3
184	5/6	1	2/3	5/6	5/6	5/6	5/6	1/6
185	5/6	1/3	1/3	1/6	1/6	1/6	1/6	0
186	5/6	2/3	1/3	1/3	5/6	5/6	2/3	1/6
187	2/3	1/6	0	0	0	0	0	0
188	5/6	1	5/6	1	1	1	5/6	1/3

No.								
189	1	1	2/3	5/6	5/6	5/6	5/6	1/6
190	1	5/6	5/6	5/6	5/6	5/6	2/3	1/6
191	5/6	5/6	5/6	2/3	5/6	5/6	2/3	1/3
192	5/6	1/3	1/6	1/6	1/6	1/3	1/6	1/6
193	1	5/6	5/6	5/6	5/6	5/6	5/6	1/3
194	1	2/3	2/3	2/3	5/6	5/6	2/3	1/6
195	5/6	5/6	2/3	5/6	5/6	5/6	5/6	1/3
196	1	5/6	5/6	5/6	5/6	5/6	5/6	1/3
197	5/6	5/6	5/6	2/3	5/6	5/6	2/3	1/3
198	5/6	2/3	5/6	1/6	2/3	2/3	1/3	1/6
199	5/6	2/3	1/3	1/3	5/6	2/3	1/3	0
200	2/3	1	5/6	1/6	2/3	5/6	1/6	1/6
201	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
202	5/6	1/3	2/3	2/3	5/6	2/3	2/3	1/6
203	5/6	5/6	2/3	2/3	5/6	5/6	5/6	1/3
204	1	2/3	5/6	2/3	5/6	5/6	5/6	1/6
205	5/6	5/6	2/3	5/6	5/6	5/6	2/3	1/6
206	5/6	1	1/3	1/6	2/3	2/3	1/6	5/6
207	2/3	1/3	1/3	1/6	1/6	2/3	1/6	1/6
208	1	5/6	5/6	2/3	5/6	5/6	2/3	1/3
209	5/6	5/6	2/3	2/3	5/6	5/6	2/3	1/3
210	5/6	2/3	2/3	5/6	5/6	5/6	1/3	1/6
211	2/3	1/3	1/6	1/6	1/6	1/6	1/6	0
212	2/3	5/6	5/6	1/6	2/3	2/3	1/6	1/6
213	5/6	2/3	2/3	2/3	5/6	1	2/3	1/6
214	5/6	2/3	1/6	1/3	2/3	2/3	1/6	1/6
215	5/6	2/3	5/6	2/3	5/6	5/6	5/6	1/3
216	2/3	2/3	2/3	1/6	2/3	2/3	1/3	1/6

No.	X(2)Q6	X(2)Q7	X(3)Q1	X(3)Q2	X(4)Q1	X(4)Q2	X(4)Q3	X(5)Q1
1	2/3	1/6	1/6	1/3	5/6	5/6	2/3	5/6
2	1/2	1/2	1/2	2/3	2/3	5/6	2/3	1
3	1/3	1/6	0	0	1/2	2/3	2/3	5/6
4	2/3	1/2	1/2	1/3	2/3	5/6	2/3	1
5	1	1	1/3	1/2	1	1	1	1
6	1	2/3	1/2	1/2	5/6	1	1	1
7	1	2/3	2/3	1/3	5/6	1	2/3	1
8	2/3	1/3	1/6	0	2/3	1	2/3	1
9	1/6	1/6	0	0	2/3	5/6	1/3	1
10	1/6	1/6	0	0	1/2	2/3	1/3	5/6
11	1/3	1/3	0	0	2/3	2/3	2/3	1
12	1/3	1/6	0	0	2/3	5/6	2/3	1
13	5/6	2/3	1/3	1/6	5/6	1	5/6	1
14	5/6	0	0	0	2/3	5/6	2/3	1
15	2/3	1/6	0	0	2/3	1	1	1
16	1/3	1/3	1/3	1/6	2/3	5/6	2/3	5/6
17	1/3	1/3	1/6	1/6	2/3	1	2/3	5/6

18	1	1	1	1	5/6	5/6	5/6	1
19	1/3	1/3	1/6	1/6	2/3	5/6	5/6	5/6
20	1/6	1/6	0	0	2/3	5/6	2/3	1
21	1/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
22	5/6	2/3	5/6	2/3	1	1	1	1
23	5/6	2/3	2/3	1/6	5/6	5/6	5/6	1
24	5/6	2/3	2/3	1/6	5/6	1	5/6	1
25	1/6	1/6	1/6	1/6	2/3	2/3	2/3	5/6
26	1/3	1/3	1/6	1/6	5/6	5/6	5/6	5/6
27	1/3	1/3	1/6	1/6	5/6	5/6	5/6	5/6
28	5/6	1/3	1/3	1/6	5/6	5/6	5/6	5/6
29	5/6	5/6	2/3	1/3	1	1	5/6	1
30	2/3	1/3	1/3	1/6	5/6	5/6	2/3	5/6
31	5/6	1/3	1/6	1/6	5/6	5/6	5/6	5/6
32	1/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
33	1/3	1/6	1/6	1/6	2/3	5/6	2/3	1
34	1/3	1/6	1/6	1/6	5/6	5/6	2/3	5/6
35	5/6	1/3	1/3	0	5/6	5/6	5/6	1
36	5/6	1/6	1/6	1/6	5/6	5/6	5/6	1
37	1/6	1/6	1/6	1/6	2/3	5/6	1/6	5/6
38	1/3	1/6	1/6	1/6	5/6	5/6	2/3	1
39	0	0	0	0	1/6	2/3	0	2/3
40	1	5/6	2/3	1/3	5/6	5/6	2/3	1
41	2/3	1/6	1/6	1/6	5/6	1	2/3	5/6
42	5/6	1/6	2/3	1/6	5/6	1	2/3	5/6
43	2/3	1/3	1/6	1/6	5/6	5/6	2/3	5/6
44	1/6	1/6	1/6	1/6	2/3	5/6	2/3	5/6
45	2/3	1/3	1/3	1/6	5/6	1	2/3	1
46	2/3	1/6	1/6	1/6	5/6	1	2/3	5/6
47	5/6	1/6	1/6	1/6	5/6	5/6	2/3	5/6
48	2/3	1/6	1/3	1/3	5/6	1	2/3	1
49	5/6	1/6	5/6	1/6	5/6	5/6	2/3	1
50	1/3	1/6	0	0	5/6	5/6	2/3	5/6
51	1/3	0	1/6	0	2/3	5/6	2/3	1
52	1/6	0	0	0	2/3	2/3	1/3	5/6
53	5/6	1/3	1/3	2/3	5/6	5/6	2/3	1
54	2/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
55	5/6	2/3	1/3	1/6	2/3	5/6	2/3	1
56	2/3	0	1/6	0	2/3	1	2/3	1
57	2/3	1/6	1/3	1/3	2/3	5/6	2/3	1
58	2/3	1/6	1/3	0	2/3	5/6	1/3	5/6
59	1/6	1/6	1/6	0	2/3	2/3	0	2/3
60	2/3	1/3	1/3	1/6	5/6	1	2/3	1
61	5/6	1/3	5/6	1/3	5/6	5/6	2/3	1
62	2/3	1/6	1/6	1/6	5/6	5/6	5/6	1
63	1/6	1/6	1/6	1/6	2/3	2/3	1/6	5/6
64	1/3	1/6	1/3	0	2/3	2/3	1/3	5/6
65	2/3	1/3	1/3	1/6	5/6	5/6	2/3	1

Supplementary S4: dEX fractionTable

66	1/6	1/6	1/6	0	2/3	5/6	1/6	5/6
67	2/3	1/6	2/3	0	5/6	5/6	2/3	1
68	1/6	1/6	1/3	1/6	2/3	2/3	0	5/6
69	0	5/6	1	5/6	0	0	0	2/3
70	5/6	5/6	2/3	1/3	5/6	5/6	1/3	1
71	5/6	2/3	2/3	1/6	5/6	5/6	2/3	1
72	2/3	2/3	1/3	1/6	1/6	5/6	2/3	1
73	5/6	2/3	1/3	0	2/3	5/6	1/3	5/6
74	5/6	5/6	2/3	1/6	5/6	1	2/3	1
75	2/3	1/6	1/6	1/3	5/6	5/6	2/3	5/6
76	1/2	1/2	1/2	2/3	2/3	5/6	2/3	1
77	1/3	1/6	0	0	1/2	2/3	2/3	5/6
78	2/3	1/2	1/2	1/3	2/3	5/6	2/3	1
79	1	1	1/3	1/2	1	1	1	1
80	1	2/3	1/2	1/2	5/6	1	1	1
81	1	2/3	2/3	1/3	5/6	1	2/3	1
82	2/3	1/3	1/6	0	2/3	1	2/3	1
83	1/6	1/6	0	0	2/3	5/6	1/3	1
84	1/6	1/6	0	0	1/2	2/3	1/3	5/6
85	1/3	1/3	0	0	2/3	2/3	2/3	1
86	1/3	1/6	0	0	2/3	5/6	2/3	1
87	5/6	2/3	1/3	1/6	5/6	1	5/6	1
88	5/6	0	0	0	2/3	5/6	2/3	1
89	2/3	1/6	0	0	2/3	1	1	1
90	1/3	1/3	1/3	1/6	2/3	5/6	2/3	5/6
91	1/3	1/3	1/6	1/6	2/3	1	2/3	5/6
92	1	1	1	1	5/6	5/6	5/6	1
93	1/3	1/3	1/6	1/6	2/3	5/6	5/6	5/6
94	1/6	1/6	0	0	2/3	5/6	2/3	1
95	1/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
96	5/6	2/3	5/6	2/3	1	1	1	1
97	5/6	2/3	2/3	1/6	5/6	5/6	5/6	1
98	5/6	2/3	2/3	1/6	5/6	1	5/6	1
99	1/6	1/6	1/6	1/6	2/3	2/3	2/3	5/6
100	1/3	1/3	1/6	1/6	5/6	5/6	5/6	5/6
101	1/3	1/3	1/6	1/6	5/6	5/6	5/6	5/6
102	5/6	1/3	1/3	1/6	5/6	5/6	5/6	5/6
103	5/6	5/6	2/3	1/3	1	1	5/6	1
104	2/3	1/3	1/3	1/6	5/6	5/6	2/3	5/6
105	5/6	1/3	1/6	1/6	5/6	5/6	5/6	5/6
106	1/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
107	1/3	1/6	1/6	1/6	2/3	5/6	2/3	1
108	1/3	1/6	1/6	1/6	5/6	5/6	2/3	5/6
109	5/6	1/3	1/3	0	5/6	5/6	5/6	1
110	5/6	1/6	1/6	1/6	5/6	5/6	5/6	1
111	1/6	1/6	1/6	1/6	2/3	5/6	1/6	5/6
112	1/3	1/6	1/6	1/6	5/6	5/6	2/3	1
113	0	0	0	0	1/6	2/3	0	2/3

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114	1	5/6	2/3	1/3	5/6	5/6	2/3	1
115	2/3	1/6	1/6	1/6	5/6	1	2/3	5/6
116	5/6	1/6	2/3	1/6	5/6	1	2/3	5/6
117	2/3	1/3	1/6	1/6	5/6	5/6	2/3	5/6
118	1/6	1/6	1/6	1/6	2/3	5/6	2/3	5/6
119	2/3	1/3	1/3	1/6	5/6	1	2/3	1
120	2/3	1/6	1/6	1/6	5/6	1	2/3	5/6
121	5/6	1/6	1/6	1/6	5/6	5/6	2/3	5/6
122	2/3	1/6	1/3	1/3	5/6	1	2/3	1
123	5/6	1/6	5/6	1/6	5/6	5/6	2/3	1
124	1/3	1/6	0	0	5/6	5/6	2/3	5/6
125	1/3	0	1/6	0	2/3	5/6	2/3	1
126	1/6	0	0	0	2/3	2/3	1/3	5/6
127	5/6	1/3	1/3	2/3	5/6	5/6	2/3	1
128	2/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
129	5/6	2/3	1/3	1/6	2/3	5/6	2/3	1
130	2/3	0	1/6	0	2/3	1	2/3	1
131	2/3	1/6	1/3	1/3	2/3	5/6	2/3	1
132	2/3	1/6	1/3	0	2/3	5/6	1/3	5/6
133	1/6	1/6	1/6	0	2/3	2/3	0	2/3
134	2/3	1/3	1/3	1/6	5/6	1	2/3	1
135	5/6	1/3	5/6	1/3	5/6	5/6	2/3	1
136	2/3	1/6	1/6	1/6	5/6	5/6	5/6	1
137	1/6	1/6	1/6	1/6	2/3	2/3	1/6	5/6
138	1/3	1/6	1/3	0	2/3	2/3	1/3	5/6
139	2/3	1/3	1/3	1/6	5/6	5/6	2/3	1
140	1/6	1/6	1/6	0	2/3	5/6	1/6	5/6
141	2/3	1/6	2/3	0	5/6	5/6	2/3	1
142	1/6	1/6	1/3	1/6	2/3	2/3	0	5/6
143	0	5/6	1	5/6	0	0	0	2/3
144	5/6	5/6	2/3	1/3	5/6	5/6	1/3	1
145	5/6	2/3	2/3	1/6	5/6	5/6	2/3	1
146	2/3	2/3	1/3	1/6	1/6	5/6	2/3	1
147	5/6	2/3	1/3	0	2/3	5/6	1/3	5/6
148	5/6	5/6	2/3	1/6	5/6	1	2/3	1
149	2/3	1/6	1/6	1/3	5/6	5/6	2/3	5/6
150	1/2	1/2	1/2	2/3	2/3	5/6	2/3	1
151	1/3	1/6	0	0	1/2	2/3	2/3	5/6
152	2/3	1/2	1/2	1/3	2/3	5/6	2/3	1
153	1	1	1/3	1/2	1	1	1	1
154	1	2/3	1/2	1/2	5/6	1	1	1
155	1	2/3	2/3	1/3	5/6	1	2/3	1
156	2/3	1/3	1/6	0	2/3	1	2/3	1
157	1/6	1/6	0	0	2/3	5/6	1/3	1
158	1/6	1/6	0	0	1/2	2/3	1/3	5/6
159	1/3	1/3	0	0	2/3	2/3	2/3	1
160	1/3	1/6	0	0	2/3	5/6	2/3	1
161	5/6	2/3	1/3	1/6	5/6	1	5/6	1

162	5/6	0	0	0	2/3	5/6	2/3	1
163	2/3	1/6	0	0	2/3	1	1	1
164	1/3	1/3	1/3	1/6	2/3	5/6	2/3	5/6
165	1/3	1/3	1/6	1/6	2/3	1	2/3	5/6
166	1	1	1	1	5/6	5/6	5/6	1
167	1/3	1/3	1/6	1/6	2/3	5/6	5/6	5/6
168	1/6	1/6	0	0	2/3	5/6	2/3	1
169	1/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
170	5/6	2/3	5/6	2/3	1	1	1	1
171	5/6	2/3	2/3	1/6	5/6	5/6	5/6	1
172	5/6	2/3	2/3	1/6	5/6	1	5/6	1
173	1/6	1/6	1/6	1/6	2/3	2/3	2/3	5/6
174	1/3	1/3	1/6	1/6	5/6	5/6	5/6	5/6
175	1/3	1/3	1/6	1/6	5/6	5/6	5/6	5/6
176	5/6	1/3	1/3	1/6	5/6	5/6	5/6	5/6
177	5/6	5/6	2/3	1/3	1	1	5/6	1
178	2/3	1/3	1/3	1/6	5/6	5/6	2/3	5/6
179	5/6	1/3	1/6	1/6	5/6	5/6	5/6	5/6
180	1/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
181	1/3	1/6	1/6	1/6	2/3	5/6	2/3	1
182	1/3	1/6	1/6	1/6	5/6	5/6	2/3	5/6
183	5/6	1/3	1/3	0	5/6	5/6	5/6	1
184	5/6	1/6	1/6	1/6	5/6	5/6	5/6	1
185	1/6	1/6	1/6	1/6	2/3	5/6	1/6	5/6
186	1/3	1/6	1/6	1/6	5/6	5/6	2/3	1
187	0	0	0	0	1/6	2/3	0	2/3
188	1	5/6	2/3	1/3	5/6	5/6	2/3	1
189	2/3	1/6	1/6	1/6	5/6	1	2/3	5/6
190	5/6	1/6	2/3	1/6	5/6	1	2/3	5/6
191	2/3	1/3	1/6	1/6	5/6	5/6	2/3	5/6
192	1/6	1/6	1/6	1/6	2/3	5/6	2/3	5/6
193	2/3	1/3	1/3	1/6	5/6	1	2/3	1
194	2/3	1/6	1/6	1/6	5/6	1	2/3	5/6
195	5/6	1/6	1/6	1/6	5/6	5/6	2/3	5/6
196	2/3	1/6	1/3	1/3	5/6	1	2/3	1
197	5/6	1/6	5/6	1/6	5/6	5/6	2/3	1
198	1/3	1/6	0	0	5/6	5/6	2/3	5/6
199	1/3	0	1/6	0	2/3	5/6	2/3	1
200	1/6	0	0	0	2/3	2/3	1/3	5/6
201	5/6	1/3	1/3	2/3	5/6	5/6	2/3	1
202	2/3	1/6	1/6	1/6	2/3	5/6	2/3	5/6
203	5/6	2/3	1/3	1/6	2/3	5/6	2/3	1
204	2/3	0	1/6	0	2/3	1	2/3	1
205	2/3	1/6	1/3	1/3	2/3	5/6	2/3	1
206	2/3	1/6	1/3	0	2/3	5/6	1/3	5/6
207	1/6	1/6	1/6	0	2/3	2/3	0	2/3
208	2/3	1/3	1/3	1/6	5/6	1	2/3	1
209	5/6	1/3	5/6	1/3	5/6	5/6	2/3	1

No.								
210	2/3	1/6	1/6	1/6	5/6	5/6	5/6	1
211	1/6	1/6	1/6	1/6	2/3	2/3	1/6	5/6
212	1/3	1/6	1/3	0	2/3	2/3	1/3	5/6
213	2/3	1/3	1/3	1/6	5/6	5/6	2/3	1
214	1/6	1/6	1/6	0	2/3	5/6	1/6	5/6
215	2/3	1/6	2/3	0	5/6	5/6	2/3	1
216	1/6	1/6	1/3	1/6	2/3	2/3	0	5/6

No.	X(5)Q2	X(5)|Q3	X(5)Q4	X(5)Q5	X(5)Q6	X(6)Q1	X(6)Q2	X(6)Q3
1	1	1	1/3	1/6	0	1/6	2/3	1/2
2	5/6	2/3	2/3	2/3	1/2	1/2	1/2	1/2
3	5/6	1/3	1/6	0	0	1/6	1/6	1/3
4	5/6	1/2	1/3	1/3	0	1/3	1/3	1/3
5	1	1	1/3	1/6	0	0	1/2	1/3
6	1	2/3	2/3	1	1/3	1/2	2/3	1/2
7	1	5/6	2/3	5/6	0	0	1/3	2/3
8	1	2/3	0	0	0	0	1/3	0
9	1	5/6	1/6	0	0	1/6	1/6	0
10	5/6	1/3	1/6	0	0	0	0	0
11	1	5/6	0	0	0	0	1/3	1/3
12	5/6	2/3	0	0	0	0	1/6	1/6
13	1	5/6	1/6	1/6	0	0	1/6	1/3
14	5/6	0	0	0	0	0	1/3	1/6
15	5/6	5/6	0	0	0	0	1/6	1/6
16	5/6	2/3	1/3	1/6	0	0	1/6	2/3
17	5/6	2/3	1/6	1/6	0	1/6	1/6	2/3
18	2/3	5/6	2/3	2/3	1/2	1/3	1/3	5/6
19	2/3	2/3	1/6	1/6	1/6	1/6	1/6	2/3
20	5/6	5/6	0	0	0	1/6	0	1/3
21	5/6	2/3	1/6	1/6	0	0	1/6	1/3
22	5/6	5/6	2/3	1/3	1/6	1/3	2/3	2/3
23	5/6	5/6	5/6	2/3	1/6	1/3	5/6	5/6
24	5/6	5/6	5/6	1/3	0	1/6	2/3	2/3
25	5/6	2/3	1/6	1/6	0	1/6	1/6	1/6
26	5/6	1/3	0	1/6	0	1/6	1/6	1/3
27	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
28	5/6	2/3	1/6	1/6	0	1/6	1/3	1/3
29	1	5/6	1/3	1/3	1/6	1/3	5/6	5/6
30	5/6	2/3	1/6	1/6	0	1/3	5/6	2/3
31	5/6	2/3	1/6	1/6	0	1/6	2/3	2/3
32	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
33	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
34	5/6	2/3	1/6	1/6	1/6	1/3	1/3	1/6
35	1	5/6	1/6	1/6	1/6	1/3	5/6	2/3
36	5/6	2/3	1/6	1/6	1/6	1/3	5/6	2/3
37	5/6	1/6	0	0	0	1/6	1/6	1/6
38	5/6	2/3	1/6	1/6	0	1/6	1/6	1/3

Supplementary S4: dEX fractionTable

39	1/6	1/6	0	0	1/6	1/3	5/6	2/3
40	1	5/6	1/6	1/6	1/6	1/3	5/6	5/6
41	5/6	2/3	1/6	1/6	0	1/6	2/3	2/3
42	5/6	2/3	1/6	1/6	1/6	1/6	1/3	1/3
43	5/6	2/3	1/6	1/6	0	0	2/3	1/6
44	2/3	1/6	1/6	1/6	0	1/6	1/6	1/6
45	5/6	5/6	1/6	0	0	1/6	2/3	2/3
46	2/3	2/3	1/6	1/6	0	1/6	1/3	1/6
47	5/6	2/3	1/6	1/6	0	1/6	1/6	1/6
48	5/6	5/6	1/6	1/6	0	1/6	2/3	2/3
49	5/6	2/3	1/3	1/6	0	1/6	5/6	5/6
50	5/6	2/3	1/6	1/6	1/6	1/6	2/3	2/3
51	5/6	1/3	1/6	1/6	0	1/6	2/3	2/3
52	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6
53	5/6	2/3	1/6	1/6	1/6	1/3	2/3	2/3
54	2/3	2/3	1/3	1/6	0	1/3	1/3	1/6
55	5/6	2/3	0	1/6	0	1/6	1/3	1/3
56	5/6	2/3	0	1/6	0	1/3	1/3	1/3
57	5/6	2/3	0	0	0	1/6	1/3	1/6
58	5/6	2/3	0	1/6	0	1/6	1/6	1/6
59	1/6	1/6	0	0	0	0	0	1/6
60	5/6	5/6	1/6	0	0	1/3	5/6	2/3
61	5/6	5/6	1/6	1/6	1/6	1/6	1/6	1/6
62	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
63	5/6	1/3	1/6	1/6	0	1/6	1/6	1/6
64	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6
65	5/6	5/6	1/6	1/6	0	1/6	2/3	2/3
66	5/6	1/3	1/6	1/6	0	1/6	1/6	1/6
67	5/6	5/6	0	0	0	1/6	2/3	2/3
68	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6
69	1/3	0	1	5/6	1/3	2/3	1	1
70	5/6	2/3	1/6	1/6	0	1/3	2/3	2/3
71	5/6	2/3	1/6	1/6	0	1/3	2/3	5/6
72	5/6	2/3	1/6	1/6	0	1/3	2/3	2/3
73	2/3	2/3	1/6	1/6	0	1/3	2/3	2/3
74	5/6	1/3	1/6	1/6	0	1/6	5/6	5/6
75	1	1	1/3	1/6	0	1/6	2/3	1/2
76	5/6	2/3	2/3	2/3	1/2	1/2	1/2	1/2
77	5/6	1/3	1/6	0	0	1/6	1/6	1/3
78	5/6	1/2	1/3	1/3	0	1/3	1/3	1/3
79	1	1	1/3	1/6	0	0	1/2	1/3
80	1	2/3	2/3	1	1/3	1/2	2/3	1/2
81	1	5/6	2/3	5/6	0	0	1/3	2/3
82	1	2/3	0	0	0	0	1/3	0
83	1	5/6	1/6	0	0	1/6	1/6	0
84	5/6	1/3	1/6	0	0	0	0	0
85	1	5/6	0	0	0	0	1/3	1/3
86	5/6	2/3	0	0	0	0	1/6	1/6

87	1	5/6	1/6	1/6	0	0	1/6	1/3
88	5/6	0	0	0	0	0	1/3	1/6
89	5/6	5/6	0	0	0	0	1/6	1/6
90	5/6	2/3	1/3	1/6	0	0	1/6	2/3
91	5/6	2/3	1/6	1/6	0	1/6	1/6	2/3
92	2/3	5/6	2/3	2/3	1/2	1/3	1/3	5/6
93	2/3	2/3	1/6	1/6	1/6	1/6	1/6	2/3
94	5/6	5/6	0	0	0	1/6	0	1/3
95	5/6	2/3	1/6	1/6	0	0	1/6	1/3
96	5/6	5/6	2/3	1/3	1/6	1/3	2/3	2/3
97	5/6	5/6	5/6	2/3	1/6	1/3	5/6	5/6
98	5/6	5/6	5/6	1/3	0	1/6	2/3	2/3
99	5/6	2/3	1/6	1/6	0	1/6	1/6	1/6
100	5/6	1/3	0	1/6	0	1/6	1/6	1/3
101	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
102	5/6	2/3	1/6	1/6	0	1/6	1/3	1/3
103	1	5/6	1/3	1/3	1/6	1/3	5/6	5/6
104	5/6	2/3	1/6	1/6	0	1/3	5/6	2/3
105	5/6	2/3	1/6	1/6	0	1/6	2/3	2/3
106	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
107	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
108	5/6	2/3	1/6	1/6	1/6	1/3	1/3	1/6
109	1	5/6	1/6	1/6	1/6	1/3	5/6	2/3
110	5/6	2/3	1/6	1/6	1/6	1/3	5/6	2/3
111	5/6	1/6	0	0	0	1/6	1/6	1/6
112	5/6	2/3	1/6	1/6	0	1/6	1/6	1/3
113	1/6	1/6	0	0	1/6	1/3	5/6	2/3
114	1	5/6	1/6	1/6	1/6	1/3	5/6	5/6
115	5/6	2/3	1/6	1/6	0	1/6	2/3	2/3
116	5/6	2/3	1/6	1/6	1/6	1/6	1/3	1/3
117	5/6	2/3	1/6	1/6	0	0	2/3	1/6
118	2/3	1/6	1/6	1/6	0	1/6	1/6	1/6
119	5/6	5/6	1/6	0	0	1/6	2/3	2/3
120	2/3	2/3	1/6	1/6	0	1/6	1/3	1/6
121	5/6	2/3	1/6	1/6	0	1/6	1/6	1/6
122	5/6	5/6	1/6	1/6	0	1/6	2/3	2/3
123	5/6	2/3	1/3	1/6	0	1/6	5/6	5/6
124	5/6	2/3	1/6	1/6	1/6	1/6	2/3	2/3
125	5/6	1/3	1/6	1/6	0	1/6	2/3	2/3
126	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6
127	5/6	2/3	1/6	1/6	1/6	1/3	2/3	2/3
128	2/3	2/3	1/3	1/6	0	1/3	1/3	1/6
129	5/6	2/3	0	1/6	0	1/6	1/3	1/3
130	5/6	2/3	0	1/6	0	1/3	1/3	1/3
131	5/6	2/3	0	0	0	1/6	1/3	1/6
132	5/6	2/3	0	1/6	0	1/6	1/6	1/6
133	1/6	1/6	0	0	0	0	0	1/6
134	5/6	5/6	1/6	0	0	1/3	5/6	2/3

135	5/6	5/6	1/6	1/6	1/6	1/6	1/6	1/6
136	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
137	5/6	1/3	1/6	1/6	0	1/6	1/6	1/6
138	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6
139	5/6	5/6	1/6	1/6	0	1/6	2/3	2/3
140	5/6	1/3	1/6	1/6	0	1/6	1/6	1/6
141	5/6	5/6	0	0	0	1/6	2/3	2/3
142	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6
143	1/3	0	1	5/6	1/3	2/3	1	1
144	5/6	2/3	1/6	1/6	0	1/3	2/3	2/3
145	5/6	2/3	1/6	1/6	0	1/3	2/3	5/6
146	5/6	2/3	1/6	1/6	0	1/3	2/3	2/3
147	2/3	2/3	1/6	1/6	0	1/3	2/3	2/3
148	5/6	1/3	1/6	1/6	0	1/6	5/6	5/6
149	1	1	1/3	1/6	0	1/6	2/3	1/2
150	5/6	2/3	2/3	2/3	1/2	1/2	1/2	1/2
151	5/6	1/3	1/6	0	0	1/6	1/6	1/3
152	5/6	1/2	1/3	1/3	0	1/3	1/3	1/3
153	1	1	1/3	1/6	0	0	1/2	1/3
154	1	2/3	2/3	1	1/3	1/2	2/3	1/2
155	1	5/6	2/3	5/6	0	0	1/3	2/3
156	1	2/3	0	0	0	0	1/3	0
157	1	5/6	1/6	0	0	1/6	1/6	0
158	5/6	1/3	1/6	0	0	0	0	0
159	1	5/6	0	0	0	0	1/3	1/3
160	5/6	2/3	0	0	0	0	1/6	1/6
161	1	5/6	1/6	1/6	0	0	1/6	1/3
162	5/6	0	0	0	0	0	1/3	1/6
163	5/6	5/6	0	0	0	0	1/6	1/6
164	5/6	2/3	1/3	1/6	0	0	1/6	2/3
165	5/6	2/3	1/6	1/6	0	1/6	1/6	2/3
166	2/3	5/6	2/3	2/3	1/2	1/3	1/3	5/6
167	2/3	2/3	1/6	1/6	1/6	1/6	1/6	2/3
168	5/6	5/6	0	0	0	1/6	0	1/3
169	5/6	2/3	1/6	1/6	0	0	1/6	1/3
170	5/6	5/6	2/3	1/3	1/6	1/3	2/3	2/3
171	5/6	5/6	5/6	2/3	1/6	1/3	5/6	5/6
172	5/6	5/6	5/6	1/3	0	1/6	2/3	2/3
173	5/6	2/3	1/6	1/6	0	1/6	1/6	1/6
174	5/6	1/3	0	1/6	0	1/6	1/6	1/3
175	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
176	5/6	2/3	1/6	1/6	0	1/6	1/3	1/3
177	1	5/6	1/3	1/3	1/6	1/3	5/6	5/6
178	5/6	2/3	1/6	1/6	0	1/3	5/6	2/3
179	5/6	2/3	1/6	1/6	0	1/6	2/3	2/3
180	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
181	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
182	5/6	2/3	1/6	1/6	1/6	1/3	1/3	1/6

183	1	5/6	1/6	1/6	1/6	1/3	5/6	2/3
184	5/6	2/3	1/6	1/6	1/6	1/3	5/6	2/3
185	5/6	1/6	0	0	0	1/6	1/6	1/6
186	5/6	2/3	1/6	1/6	0	1/6	1/6	1/3
187	1/6	1/6	0	0	1/6	1/3	5/6	2/3
188	1	5/6	1/6	1/6	1/6	1/3	5/6	5/6
189	5/6	2/3	1/6	1/6	0	1/6	2/3	2/3
190	5/6	2/3	1/6	1/6	1/6	1/6	1/3	1/3
191	5/6	2/3	1/6	1/6	0	0	2/3	1/6
192	2/3	1/6	1/6	1/6	0	1/6	1/6	1/6
193	5/6	5/6	1/6	0	0	1/6	2/3	2/3
194	2/3	2/3	1/6	1/6	0	1/6	1/3	1/6
195	5/6	2/3	1/6	1/6	0	1/6	1/6	1/6
196	5/6	5/6	1/6	1/6	0	1/6	2/3	2/3
197	5/6	2/3	1/3	1/6	0	1/6	5/6	5/6
198	5/6	2/3	1/6	1/6	1/6	1/6	2/3	2/3
199	5/6	1/3	1/6	1/6	0	1/6	2/3	2/3
200	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6
201	5/6	2/3	1/6	1/6	1/6	1/3	2/3	2/3
202	2/3	2/3	1/3	1/6	0	1/3	1/3	1/6
203	5/6	2/3	0	1/6	0	1/6	1/3	1/3
204	5/6	2/3	0	1/6	0	1/3	1/3	1/3
205	5/6	2/3	0	0	0	1/6	1/3	1/6
206	5/6	2/3	0	1/6	0	1/6	1/6	1/6
207	1/6	1/6	0	0	0	0	0	1/6
208	5/6	5/6	1/6	0	0	1/3	5/6	2/3
209	5/6	5/6	1/6	1/6	1/6	1/6	1/6	1/6
210	5/6	2/3	1/6	1/6	0	1/6	1/3	1/6
211	5/6	1/3	1/6	1/6	0	1/6	1/6	1/6
212	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6
213	5/6	5/6	1/6	1/6	0	1/6	2/3	2/3
214	5/6	1/3	1/6	1/6	0	1/6	1/6	1/6
215	5/6	5/6	0	0	0	1/6	2/3	2/3
216	2/3	1/3	1/6	1/6	0	1/6	1/6	1/6

No.	X(6)Q4	X(6)Q5	X(6)Q6	X(6)Q7	X(6)Q8	X(6)Q9	X(6)Q10	X(7)Q1
1	1	1	1	5/6	2/3	2/3	0	2/3
2	1/2	5/6	5/6	5/6	1/2	2/3	1/2	2/3
3	2/3	5/6	2/3	5/6	1/2	2/3	0	1/6
4	1/2	2/3	2/3	2/3	2/3	2/3	1/6	2/3
5	1	1	1	1	1	1	1/2	1
6	1	2/3	1	1	2/3	2/3	1/3	5/6
7	5/6	5/6	2/3	1	1	1	0	1/2
8	5/6	1	5/6	5/6	1	5/6	0	2/3
9	5/6	5/6	2/3	2/3	5/6	1/3	0	1/6
10	2/3	2/3	2/3	2/3	1/3	1/2	0	1/6

11	5/6	5/6	5/6	5/6	5/6	1/3	0	5/6
12	5/6	5/6	2/3	2/3	5/6	1/3	0	1/6
13	5/6	5/6	2/3	2/3	1	5/6	0	1/2
14	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
15	5/6	1	2/3	2/3	1	1/6	0	2/3
16	5/6	5/6	5/6	2/3	2/3	2/3	0	1/2
17	5/6	5/6	1/3	1/3	5/6	1/6	0	2/3
18	5/6	1	1	1	1/2	1	2/3	1
19	2/3	2/3	1/6	1/6	2/3	1/6	0	2/3
20	2/3	5/6	5/6	2/3	5/6	1/6	0	2/3
21	5/6	2/3	1/3	1/3	5/6	1/6	0	2/3
22	1	1	5/6	5/6	1	1/3	1/6	2/3
23	5/6	5/6	5/6	2/3	1	5/6	1/3	2/3
24	5/6	5/6	5/6	5/6	5/6	2/3	1/6	2/3
25	2/3	5/6	2/3	2/3	5/6	1/6	0	2/3
26	2/3	5/6	5/6	2/3	2/3	1/6	0	2/3
27	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
28	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
29	5/6	5/6	5/6	2/3	5/6	5/6	1/6	5/6
30	5/6	5/6	5/6	2/3	5/6	1/3	0	5/6
31	5/6	5/6	5/6	2/3	5/6	5/6	1/6	5/6
32	5/6	5/6	5/6	1/3	2/3	1/6	0	2/3
33	5/6	1	5/6	2/3	5/6	1/3	1/6	2/3
34	2/3	5/6	2/3	2/3	2/3	1/6	1/6	5/6
35	5/6	5/6	5/6	2/3	5/6	2/3	1/6	5/6
36	5/6	5/6	5/6	5/6	5/6	1/3	1/6	5/6
37	5/6	5/6	5/6	5/6	2/3	1/6	0	1/2
38	1	1	5/6	5/6	2/3	1/6	1/6	2/3
39	2/3	1/3	2/3	1/3	2/3	5/6	1/6	1/3
40	5/6	5/6	5/6	5/6	5/6	2/3	1/6	5/6
41	5/6	5/6	5/6	2/3	2/3	2/3	1/6	2/3
42	5/6	5/6	2/3	2/3	2/3	2/3	0	2/3
43	1	1	2/3	2/3	5/6	1/3	0	2/3
44	2/3	2/3	2/3	2/3	2/3	1/6	1/6	1/2
45	1	1	5/6	2/3	5/6	2/3	0	5/6
46	5/6	5/6	2/3	2/3	2/3	1/6	0	2/3
47	5/6	5/6	2/3	1/3	2/3	2/3	1/6	2/3
48	5/6	5/6	5/6	5/6	5/6	2/3	1/6	5/6
49	1	5/6	5/6	5/6	5/6	5/6	0	5/6
50	5/6	5/6	5/6	1/3	2/3	2/3	1/6	2/3
51	5/6	5/6	5/6	5/6	5/6	5/6	0	2/3
52	2/3	5/6	5/6	5/6	2/3	1/6	0	1/2
53	5/6	5/6	5/6	2/3	2/3	2/3	1/6	5/6
54	5/6	5/6	2/3	2/3	1/3	2/3	1/3	2/3
55	5/6	5/6	5/6	2/3	1/2	1/3	1/6	2/3
56	2/3	5/6	2/3	2/3	2/3	1/3	0	2/3
57	2/3	5/6	5/6	2/3	2/3	1/6	0	2/3
58	5/6	5/6	5/6	2/3	5/6	1/6	0	5/6

Supplementary S4: dEX fractionTable

59	2/3	2/3	2/3	2/3	0	0	0	1/6
60	5/6	5/6	5/6	5/6	2/3	2/3	1/6	5/6
61	5/6	5/6	5/6	2/3	5/6	1/6	1/6	2/3
62	5/6	1	1	2/3	5/6	1/3	0	2/3
63	5/6	2/3	2/3	2/3	1/3	1/6	1/6	1/6
64	5/6	5/6	2/3	2/3	2/3	1/6	1/6	1/3
65	5/6	1	5/6	1/3	5/6	2/3	0	2/3
66	2/3	5/6	2/3	2/3	1/3	1/6	0	2/3
67	5/6	5/6	5/6	1/6	5/6	2/3	1/6	5/6
68	2/3	2/3	2/3	1/3	2/3	1/6	0	2/3
69	1	1/3	1/3	1/3	1/6	5/6	1/6	1
70	1	5/6	5/6	5/6	2/3	5/6	0	2/3
71	1	5/6	5/6	5/6	2/3	5/6	1/6	2/3
72	5/6	1	5/6	5/6	2/3	5/6	0	2/3
73	1	1	2/3	1/6	5/6	2/3	1/6	1/3
74	5/6	5/6	5/6	1/6	2/3	2/3	1/6	1/3
75	1	1	1	5/6	2/3	2/3	0	2/3
76	1/2	5/6	5/6	5/6	1/2	2/3	1/2	2/3
77	2/3	5/6	2/3	5/6	1/2	2/3	0	1/6
78	1/2	2/3	2/3	2/3	2/3	2/3	1/6	2/3
79	1	1	1	1	1	1	1/2	1
80	1	2/3	1	1	2/3	2/3	1/3	5/6
81	5/6	5/6	2/3	1	1	1	0	1/2
82	5/6	1	5/6	5/6	1	5/6	0	2/3
83	5/6	5/6	2/3	2/3	5/6	1/3	0	1/6
84	2/3	2/3	2/3	2/3	1/3	1/2	0	1/6
85	5/6	5/6	5/6	5/6	5/6	1/3	0	5/6
86	5/6	5/6	2/3	2/3	5/6	1/3	0	1/6
87	5/6	5/6	2/3	2/3	1	5/6	0	1/2
88	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
89	5/6	1	2/3	2/3	1	1/6	0	2/3
90	5/6	5/6	5/6	2/3	2/3	2/3	0	1/2
91	5/6	5/6	1/3	1/3	5/6	1/6	0	2/3
92	5/6	1	1	1	1/2	1	2/3	1
93	2/3	2/3	1/6	1/6	2/3	1/6	0	2/3
94	2/3	5/6	5/6	2/3	5/6	1/6	0	2/3
95	5/6	2/3	1/3	1/3	5/6	1/6	0	2/3
96	1	1	5/6	5/6	1	1/3	1/6	2/3
97	5/6	5/6	5/6	2/3	1	5/6	1/3	2/3
98	5/6	5/6	5/6	5/6	5/6	2/3	1/6	2/3
99	2/3	5/6	2/3	2/3	5/6	1/6	0	2/3
100	2/3	5/6	5/6	2/3	2/3	1/6	0	2/3
101	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
102	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
103	5/6	5/6	5/6	2/3	5/6	5/6	1/6	5/6
104	5/6	5/6	5/6	2/3	5/6	1/3	0	5/6
105	5/6	5/6	5/6	2/3	5/6	5/6	1/6	5/6
106	5/6	5/6	5/6	1/3	2/3	1/6	0	2/3

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107	5/6	1	5/6	2/3	5/6	1/3	1/6	2/3
108	2/3	5/6	2/3	2/3	2/3	1/6	1/6	5/6
109	5/6	5/6	5/6	2/3	5/6	2/3	1/6	5/6
110	5/6	5/6	5/6	5/6	5/6	1/3	1/6	5/6
111	5/6	5/6	5/6	5/6	2/3	1/6	0	1/2
112	1	1	5/6	5/6	2/3	1/6	1/6	2/3
113	2/3	1/3	2/3	1/3	2/3	5/6	1/6	1/3
114	5/6	5/6	5/6	5/6	5/6	2/3	1/6	5/6
115	5/6	5/6	5/6	2/3	2/3	2/3	1/6	2/3
116	5/6	5/6	2/3	2/3	2/3	2/3	0	2/3
117	1	1	2/3	2/3	5/6	1/3	0	2/3
118	2/3	2/3	2/3	2/3	2/3	1/6	1/6	1/2
119	1	1	5/6	2/3	5/6	2/3	0	5/6
120	5/6	5/6	2/3	2/3	2/3	1/6	0	2/3
121	5/6	5/6	2/3	1/3	2/3	2/3	1/6	2/3
122	5/6	5/6	5/6	5/6	5/6	2/3	1/6	5/6
123	1	5/6	5/6	5/6	5/6	5/6	0	5/6
124	5/6	5/6	5/6	1/3	2/3	2/3	1/6	2/3
125	5/6	5/6	5/6	5/6	5/6	5/6	0	2/3
126	2/3	5/6	5/6	5/6	2/3	1/6	0	1/2
127	5/6	5/6	5/6	2/3	2/3	2/3	1/6	5/6
128	5/6	5/6	2/3	2/3	1/3	2/3	1/3	2/3
129	5/6	5/6	5/6	2/3	1/2	1/3	1/6	2/3
130	2/3	5/6	2/3	2/3	2/3	1/3	0	2/3
131	2/3	5/6	5/6	2/3	2/3	1/6	0	2/3
132	5/6	5/6	5/6	2/3	5/6	1/6	0	5/6
133	2/3	2/3	2/3	2/3	0	0	0	1/6
134	5/6	5/6	5/6	5/6	2/3	2/3	1/6	5/6
135	5/6	5/6	5/6	2/3	5/6	1/6	1/6	2/3
136	5/6	1	1	2/3	5/6	1/3	0	2/3
137	5/6	2/3	2/3	2/3	1/3	1/6	1/6	1/6
138	5/6	5/6	2/3	2/3	2/3	1/6	1/6	1/3
139	5/6	1	5/6	1/3	5/6	2/3	0	2/3
140	2/3	5/6	2/3	2/3	1/3	1/6	0	2/3
141	5/6	5/6	5/6	1/6	5/6	2/3	1/6	5/6
142	2/3	2/3	2/3	1/3	2/3	1/6	0	2/3
143	1	1/3	1/3	1/3	1/6	5/6	1/6	1
144	1	5/6	5/6	5/6	2/3	5/6	0	2/3
145	1	5/6	5/6	5/6	2/3	5/6	1/6	2/3
146	5/6	1	5/6	5/6	2/3	5/6	0	2/3
147	1	1	2/3	1/6	5/6	2/3	1/6	1/3
148	5/6	5/6	5/6	1/6	2/3	2/3	1/6	1/3
149	1	1	1	5/6	2/3	2/3	0	2/3
150	1/2	5/6	5/6	5/6	1/2	2/3	1/2	2/3
151	2/3	5/6	2/3	5/6	1/2	2/3	0	1/6
152	1/2	2/3	2/3	2/3	2/3	2/3	1/6	2/3
153	1	1	1	1	1	1	1/2	1
154	1	2/3	1	1	2/3	2/3	1/3	5/6

155	5/6	5/6	2/3	1	1	1	0	1/2
156	5/6	1	5/6	5/6	1	5/6	0	2/3
157	5/6	5/6	2/3	2/3	5/6	1/3	0	1/6
158	2/3	2/3	2/3	2/3	1/3	1/2	0	1/6
159	5/6	5/6	5/6	5/6	5/6	1/3	0	5/6
160	5/6	5/6	2/3	2/3	5/6	1/3	0	1/6
161	5/6	5/6	2/3	2/3	1	5/6	0	1/2
162	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
163	5/6	1	2/3	2/3	1	1/6	0	2/3
164	5/6	5/6	5/6	2/3	2/3	2/3	0	1/2
165	5/6	5/6	1/3	1/3	5/6	1/6	0	2/3
166	5/6	1	1	1	1/2	1	2/3	1
167	2/3	2/3	1/6	1/6	2/3	1/6	0	2/3
168	2/3	5/6	5/6	2/3	5/6	1/6	0	2/3
169	5/6	2/3	1/3	1/3	5/6	1/6	0	2/3
170	1	1	5/6	5/6	1	1/3	1/6	2/3
171	5/6	5/6	5/6	2/3	1	5/6	1/3	2/3
172	5/6	5/6	5/6	5/6	5/6	2/3	1/6	2/3
173	2/3	5/6	2/3	2/3	5/6	1/6	0	2/3
174	2/3	5/6	5/6	2/3	2/3	1/6	0	2/3
175	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
176	5/6	5/6	5/6	1/3	5/6	1/6	0	2/3
177	5/6	5/6	5/6	2/3	5/6	5/6	1/6	5/6
178	5/6	5/6	5/6	2/3	5/6	1/3	0	5/6
179	5/6	5/6	5/6	2/3	5/6	5/6	1/6	5/6
180	5/6	5/6	5/6	1/3	2/3	1/6	0	2/3
181	5/6	1	5/6	2/3	5/6	1/3	1/6	2/3
182	2/3	5/6	2/3	2/3	2/3	1/6	1/6	5/6
183	5/6	5/6	5/6	2/3	5/6	2/3	1/6	5/6
184	5/6	5/6	5/6	5/6	5/6	1/3	1/6	5/6
185	5/6	5/6	5/6	5/6	2/3	1/6	0	1/2
186	1	1	5/6	5/6	2/3	1/6	1/6	2/3
187	2/3	1/3	2/3	1/3	2/3	5/6	1/6	1/3
188	5/6	5/6	5/6	5/6	5/6	2/3	1/6	5/6
189	5/6	5/6	5/6	2/3	2/3	2/3	1/6	2/3
190	5/6	5/6	2/3	2/3	2/3	2/3	0	2/3
191	1	1	2/3	2/3	5/6	1/3	0	2/3
192	2/3	2/3	2/3	2/3	2/3	1/6	1/6	1/2
193	1	1	5/6	2/3	5/6	2/3	0	5/6
194	5/6	5/6	2/3	2/3	2/3	1/6	0	2/3
195	5/6	5/6	2/3	1/3	2/3	2/3	1/6	2/3
196	5/6	5/6	5/6	5/6	5/6	2/3	1/6	5/6
197	1	5/6	5/6	5/6	5/6	5/6	0	5/6
198	5/6	5/6	5/6	1/3	2/3	2/3	1/6	2/3
199	5/6	5/6	5/6	5/6	5/6	5/6	0	2/3
200	2/3	5/6	5/6	5/6	2/3	1/6	0	1/2
201	5/6	5/6	5/6	2/3	2/3	2/3	1/6	5/6
202	5/6	5/6	2/3	2/3	1/3	2/3	1/3	2/3

No.							
203	5/6	5/6	5/6	2/3	1/2	1/3	1/6	2/3
204	2/3	5/6	2/3	2/3	2/3	1/3	0	2/3
205	2/3	5/6	5/6	2/3	2/3	1/6	0	2/3
206	5/6	5/6	5/6	2/3	5/6	1/6	0	5/6
207	2/3	2/3	2/3	2/3	0	0	0	1/6
208	5/6	5/6	5/6	5/6	2/3	2/3	1/6	5/6
209	5/6	5/6	5/6	2/3	5/6	1/6	1/6	2/3
210	5/6	1	1	2/3	5/6	1/3	0	2/3
211	5/6	2/3	2/3	2/3	1/3	1/6	1/6	1/6
212	5/6	5/6	2/3	2/3	2/3	1/6	1/6	1/3
213	5/6	1	5/6	1/3	5/6	2/3	0	2/3
214	2/3	5/6	2/3	2/3	1/3	1/6	0	2/3
215	5/6	5/6	5/6	1/6	5/6	2/3	1/6	5/6
216	2/3	2/3	2/3	1/3	2/3	1/6	0	2/3

No.	X(7)Q2	X(7)Q3	X(7)Q4	X(7)Q5	X(8)Q1	X(8)Q2	X(8)Q3	X(8)Q4
1	2/3	1/6	1/3	1/3	2/3	0	1/6	0
2	1/2	1/2	1/2	1/2	1/2	2/3	2/3	1/2
3	1/6	0	0	0	1/2	1/6	1/6	1/6
4	1/3	1/3	1/6	1/6	1/2	1/3	1/6	1/3
5	1	2/3	5/6	2/3	1	1/2	1/6	2/3
6	1/2	1/3	0	0	1	1/2	1/3	1/2
7	1/6	1/3	1/6	1/3	1	1/3	1/3	1/6
8	1/6	0	0	0	2/3	0	0	2/3
9	1/6	0	0	0	1/3	0	1/6	1/3
10	0	0	0	0	1/6	0	0	1/6
11	1/6	0	0	0	1/3	0	1/6	0
12	1/6	1/6	0	0	1/3	0	1/6	1/6
13	1/6	1/3	1/3	1/6	1	1/3	1/3	1/6
14	1/6	0	0	0	2/3	1/6	1/6	1/6
15	1/6	0	1/6	0	2/3	0	1/6	1/6
16	1/6	1/6	0	1/6	1/6	1/6	1/3	1/2
17	1/6	0	0	0	1/6	0	1/3	1/3
18	2/3	0	0	0	1	5/6	5/6	0
19	1/6	1/6	1/6	1/6	1/6	0	1/6	1/6
20	1/6	0	0	0	1/3	0	1/3	2/3
21	1/6	1/6	1/6	1/6	1/3	0	1/6	1/6
22	1/3	1/6	1/6	1/3	5/6	1/3	2/3	1/3
23	1/6	1/6	1/6	1/6	2/3	1/6	2/3	1/3
24	1/6	1/6	1/6	1/6	2/3	1/3	1/3	1/3
25	1/6	1/6	1/6	0	2/3	1/6	1/3	1/3
26	1/6	1/6	1/6	1/6	2/3	1/6	1/3	2/3
27	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/3
28	1/3	1/6	1/6	1/6	5/6	1/3	1/3	1/3
29	1/6	1/6	1/6	1/6	1	1/3	2/3	1/3
30	1/6	1/6	1/6	1/3	5/6	1/3	1/3	1/3
31	1/3	1/6	1/6	1/6	5/6	0	1/3	1/6

32	1/6	1/6	1/6	1/6	1/3	1/6	1/6	1/3
33	1/6	1/6	0	0	2/3	0	1/3	1/3
34	1/3	1/6	0	0	2/3	1/6	1/6	1/3
35	1/3	1/3	1/6	1/3	5/6	0	1/3	2/3
36	1/3	1/6	0	0	5/6	1/6	1/6	1/3
37	1/2	1/2	1/2	1/2	1/6	0	0	1/6
38	1/6	0	0	0	2/3	0	0	1/6
39	0	5/6	5/6	5/6	1	1/3	1/3	5/6
40	1/6	1/6	1/6	1/6	5/6	1/6	2/3	1/3
41	0	0	1/3	1/3	5/6	1/6	1/3	2/3
42	1/6	1/6	1/3	1/3	5/6	0	1/6	1/3
43	0	2/3	1/6	1/3	2/3	0	1/6	1/3
44	1/2	1/6	1/6	1/6	1/3	1/6	1/6	1/6
45	1/3	1/6	1/6	2/3	2/3	1/6	1/6	1/3
46	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/6
47	1/6	1/6	0	0	5/6	1/6	1/6	1/3
48	1/3	2/3	2/3	1/6	5/6	1/6	2/3	2/3
49	1/6	1/6	1/6	1/6	5/6	1/6	2/3	2/3
50	1/6	1/6	1/6	1/6	2/3	1/6	1/6	2/3
51	0	0	0	0	2/3	0	1/3	2/3
52	1/2	1/2	1/2	1/2	1/3	1/6	1/6	1/2
53	1/6	1/6	1/6	2/3	5/6	1/6	1/3	2/3
54	1/3	1/6	0	2/3	2/3	0	1/6	1/3
55	1/6	1/6	1/6	1/6	5/6	0	1/3	2/3
56	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/3
57	0	0	0	0	5/6	0	1/6	1/3
58	1/6	1/6	1/6	1/3	5/6	0	1/6	1/6
59	1/6	1/6	1/6	1/6	1/6	0	0	1/6
60	1/3	1/3	1/6	1/6	2/3	1/6	1/6	2/3
61	1/3	1/6	0	1/3	2/3	0	0	1/6
62	0	0	0	0	2/3	0	1/6	2/3
63	1/6	1/6	1/6	1/6	1/3	1/6	1/6	1/2
64	1/6	0	0	0	1/3	0	0	1/3
65	1/6	1/6	0	2/3	2/3	0	1/6	1/3
66	1/6	1/6	1/6	1/6	1/6	1/6	1/6	2/3
67	1/3	1/6	1/6	1/6	2/3	0	1/6	2/3
68	1/6	1/6	1/6	2/3	1/6	0	0	2/3
69	5/6	1	1	1	0	1/6	0	1
70	1/6	1/3	1/6	1/3	5/6	1/6	5/6	1/3
71	1/6	1/3	1/6	1/3	5/6	0	2/3	1/3
72	1/6	2/3	1/6	1/3	5/6	1/6	2/3	1/3
73	0	1/6	1/6	1/3	5/6	0	1/3	1/3
74	0	1/6	1/6	1/6	5/6	0	1/6	5/6
75	2/3	1/6	1/3	1/3	2/3	0	1/6	0
76	1/2	1/2	1/2	1/2	1/2	2/3	2/3	1/2
77	1/6	0	0	0	1/2	1/6	1/6	1/6
78	1/3	1/3	1/6	1/6	1/2	1/3	1/6	1/3
79	1	2/3	5/6	2/3	1	1/2	1/6	2/3

Supplementary S4: dEX fractionTable

80	1/2	1/3	0	0	1	1/2	1/3	1/2
81	1/6	1/3	1/6	1/3	1	1/3	1/3	1/6
82	1/6	0	0	0	2/3	0	0	2/3
83	1/6	0	0	0	1/3	0	1/6	1/3
84	0	0	0	0	1/6	0	0	1/6
85	1/6	0	0	0	1/3	0	1/6	0
86	1/6	1/6	0	0	1/3	0	1/6	1/6
87	1/6	1/3	1/3	1/6	1	1/3	1/3	1/6
88	1/6	0	0	0	2/3	1/6	1/6	1/6
89	1/6	0	1/6	0	2/3	0	1/6	1/6
90	1/6	1/6	0	1/6	1/6	1/6	1/3	1/2
91	1/6	0	0	0	1/6	0	1/3	1/3
92	2/3	0	0	0	1	5/6	5/6	0
93	1/6	1/6	1/6	1/6	1/6	0	1/6	1/6
94	1/6	0	0	0	1/3	0	1/3	2/3
95	1/6	1/6	1/6	1/6	1/3	0	1/6	1/6
96	1/3	1/6	1/6	1/3	5/6	1/3	2/3	1/3
97	1/6	1/6	1/6	1/6	2/3	1/6	2/3	1/3
98	1/6	1/6	1/6	1/6	2/3	1/3	1/3	1/3
99	1/6	1/6	1/6	0	2/3	1/6	1/3	1/3
100	1/6	1/6	1/6	1/6	2/3	1/6	1/3	2/3
101	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/3
102	1/3	1/6	1/6	1/6	5/6	1/3	1/3	1/3
103	1/6	1/6	1/6	1/6	1	1/3	2/3	1/3
104	1/6	1/6	1/6	1/3	5/6	1/3	1/3	1/3
105	1/3	1/6	1/6	1/6	5/6	0	1/3	1/6
106	1/6	1/6	1/6	1/6	1/3	1/6	1/6	1/3
107	1/6	1/6	0	0	2/3	0	1/3	1/3
108	1/3	1/6	0	0	2/3	1/6	1/6	1/3
109	1/3	1/3	1/6	1/3	5/6	0	1/3	2/3
110	1/3	1/6	0	0	5/6	1/6	1/6	1/3
111	1/2	1/2	1/2	1/2	1/6	0	0	1/6
112	1/6	0	0	0	2/3	0	0	1/6
113	0	5/6	5/6	5/6	1	1/3	1/3	5/6
114	1/6	1/6	1/6	1/6	5/6	1/6	2/3	1/3
115	0	0	1/3	1/3	5/6	1/6	1/3	2/3
116	1/6	1/6	1/3	1/3	5/6	0	1/6	1/3
117	0	2/3	1/6	1/3	2/3	0	1/6	1/3
118	1/2	1/6	1/6	1/6	1/3	1/6	1/6	1/6
119	1/3	1/6	1/6	2/3	2/3	1/6	1/6	1/3
120	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/6
121	1/6	1/6	0	0	5/6	1/6	1/6	1/3
122	1/3	2/3	2/3	1/6	5/6	1/6	2/3	2/3
123	1/6	1/6	1/6	1/6	5/6	1/6	2/3	2/3
124	1/6	1/6	1/6	1/6	2/3	1/6	1/6	2/3
125	0	0	0	0	2/3	0	1/3	2/3
126	1/2	1/2	1/2	1/2	1/3	1/6	1/6	1/2
127	1/6	1/6	1/6	2/3	5/6	1/6	1/3	2/3

128	1/3	1/6	0	2/3	2/3	0	1/6	1/3
129	1/6	1/6	1/6	1/6	5/6	0	1/3	2/3
130	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/3
131	0	0	0	0	5/6	0	1/6	1/3
132	1/6	1/6	1/6	1/3	5/6	0	1/6	1/6
133	1/6	1/6	1/6	1/6	1/6	0	0	1/6
134	1/3	1/3	1/6	1/6	2/3	1/6	1/6	2/3
135	1/3	1/6	0	1/3	2/3	0	0	1/6
136	0	0	0	0	2/3	0	1/6	2/3
137	1/6	1/6	1/6	1/6	1/3	1/6	1/6	1/2
138	1/6	0	0	0	1/3	0	0	1/3
139	1/6	1/6	0	2/3	2/3	0	1/6	1/3
140	1/6	1/6	1/6	1/6	1/6	1/6	1/6	2/3
141	1/3	1/6	1/6	1/6	2/3	0	1/6	2/3
142	1/6	1/6	1/6	2/3	1/6	0	0	2/3
143	5/6	1	1	1	0	1/6	0	1
144	1/6	1/3	1/6	1/3	5/6	1/6	5/6	1/3
145	1/6	1/3	1/6	1/3	5/6	0	2/3	1/3
146	1/6	2/3	1/6	1/3	5/6	1/6	2/3	1/3
147	0	1/6	1/6	1/3	5/6	0	1/3	1/3
148	0	1/6	1/6	1/6	5/6	0	1/6	5/6
149	2/3	1/6	1/3	1/3	2/3	0	1/6	0
150	1/2	1/2	1/2	1/2	1/2	2/3	2/3	1/2
151	1/6	0	0	0	1/2	1/6	1/6	1/6
152	1/3	1/3	1/6	1/6	1/2	1/3	1/6	1/3
153	1	2/3	5/6	2/3	1	1/2	1/6	2/3
154	1/2	1/3	0	0	1	1/2	1/3	1/2
155	1/6	1/3	1/6	1/3	1	1/3	1/3	1/6
156	1/6	0	0	0	2/3	0	0	2/3
157	1/6	0	0	0	1/3	0	1/6	1/3
158	0	0	0	0	1/6	0	0	1/6
159	1/6	0	0	0	1/3	0	1/6	0
160	1/6	1/6	0	0	1/3	0	1/6	1/6
161	1/6	1/3	1/3	1/6	1	1/3	1/3	1/6
162	1/6	0	0	0	2/3	1/6	1/6	1/6
163	1/6	0	1/6	0	2/3	0	1/6	1/6
164	1/6	1/6	0	1/6	1/6	1/6	1/3	1/2
165	1/6	0	0	0	1/6	0	1/3	1/3
166	2/3	0	0	0	1	5/6	5/6	0
167	1/6	1/6	1/6	1/6	1/6	0	1/6	1/6
168	1/6	0	0	0	1/3	0	1/3	2/3
169	1/6	1/6	1/6	1/6	1/3	0	1/6	1/6
170	1/3	1/6	1/6	1/3	5/6	1/3	2/3	1/3
171	1/6	1/6	1/6	1/6	2/3	1/6	2/3	1/3
172	1/6	1/6	1/6	1/6	2/3	1/3	1/3	1/3
173	1/6	1/6	1/6	0	2/3	1/6	1/3	1/3
174	1/6	1/6	1/6	1/6	2/3	1/6	1/3	2/3
175	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/3

176	1/3	1/6	1/6	1/6	5/6	1/3	1/3	1/3
177	1/6	1/6	1/6	1/6	1	1/3	2/3	1/3
178	1/6	1/6	1/6	1/3	5/6	1/3	1/3	1/3
179	1/3	1/6	1/6	1/6	5/6	0	1/3	1/6
180	1/6	1/6	1/6	1/6	1/3	1/6	1/6	1/3
181	1/6	1/6	0	0	2/3	0	1/3	1/3
182	1/3	1/6	0	0	2/3	1/6	1/6	1/3
183	1/3	1/3	1/6	1/3	5/6	0	1/3	2/3
184	1/3	1/6	0	0	5/6	1/6	1/6	1/3
185	1/2	1/2	1/2	1/2	1/6	0	0	1/6
186	1/6	0	0	0	2/3	0	0	1/6
187	0	5/6	5/6	5/6	1	1/3	1/3	5/6
188	1/6	1/6	1/6	1/6	5/6	1/6	2/3	1/3
189	0	0	1/3	1/3	5/6	1/6	1/3	2/3
190	1/6	1/6	1/3	1/3	5/6	0	1/6	1/3
191	0	2/3	1/6	1/3	2/3	0	1/6	1/3
192	1/2	1/6	1/6	1/6	1/3	1/6	1/6	1/6
193	1/3	1/6	1/6	2/3	2/3	1/6	1/6	1/3
194	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/6
195	1/6	1/6	0	0	5/6	1/6	1/6	1/3
196	1/3	2/3	2/3	1/6	5/6	1/6	2/3	2/3
197	1/6	1/6	1/6	1/6	5/6	1/6	2/3	2/3
198	1/6	1/6	1/6	1/6	2/3	1/6	1/6	2/3
199	0	0	0	0	2/3	0	1/3	2/3
200	1/2	1/2	1/2	1/2	1/3	1/6	1/6	1/2
201	1/6	1/6	1/6	2/3	5/6	1/6	1/3	2/3
202	1/3	1/6	0	2/3	2/3	0	1/6	1/3
203	1/6	1/6	1/6	1/6	5/6	0	1/3	2/3
204	1/6	1/6	1/6	1/6	2/3	1/6	1/6	1/3
205	0	0	0	0	5/6	0	1/6	1/3
206	1/6	1/6	1/6	1/3	5/6	0	1/6	1/6
207	1/6	1/6	1/6	1/6	1/6	0	0	1/6
208	1/3	1/3	1/6	1/6	2/3	1/6	1/6	2/3
209	1/3	1/6	0	1/3	2/3	0	0	1/6
210	0	0	0	0	2/3	0	1/6	2/3
211	1/6	1/6	1/6	1/6	1/3	1/6	1/6	1/2
212	1/6	0	0	0	1/3	0	0	1/3
213	1/6	1/6	0	2/3	2/3	0	1/6	1/3
214	1/6	1/6	1/6	1/6	1/6	1/6	1/6	2/3
215	1/3	1/6	1/6	1/6	2/3	0	1/6	2/3
216	1/6	1/6	1/6	2/3	1/6	0	0	2/3