Age	PgE-MUMCr①	PGE-MUMCr②	PGE-MUM	PGE-MUM	PGE-MUMCr⑤
18	11.68	10.39	15.33	7.09	8.15
18	10.2	14.4	15.42	10.18	11.85
18	24.66	23.33	24.34	18.85	18.98
18	6.95	15.65	13.51	5.67	11.75
18	39.95	49.66	41.71	30.24	36.17
18	16.49	24.39	26.18	18.04	19.49
18	13.44	20.27	18.04	15.72	17.33
18	13.7	15.4	16.12	16.77	9.89
18	11.33	18.42	15.57	10.03	12.5
18	20.51	31.48	35.46	24.1	18.13
18	10.97	18.97	15.85	8.81	9.69
18	11.84	20.93	23.06	11.02	12.81
18	25.28	33.72	35.51	23.61	29.41
18	9.95	15.03	15.02	13.53	19.37
18	8.39	16.2	12.76	8.89	17.35
18	9.77	23.45	17.3	10.74	15.24
18	11.38	15.46	28.62	13.27	10.67
18	8.52	17.65	18.18	11.36	19.53
16	16.59	29.48	33.36	16.48	16.99
16	20.25	24.74	30.58	17.15	24.37
16	11.51	14.09	14.69	14.57	9.07
16	15.41	33.71	25.97	13.43	14.09
16	13.29	19.26	19.67	8.52	12.61
16	10.41	15.92	16.08	11.32	8.76
16	12.55	19.78	20.93	11.89	13.19
16	13.64	25.81	20.91	14.77	18.56
16	10.51	25.93	20.49	11.7	14.11
16	12.31	20.38	18.69	14.26	12.33
16	12.45	17.9	22.94	12.51	9.85
16	19.48	20.72	22.48	11.64	20.35
16	10.56	14.65	16.46	10.36	9.99
16	14.53	30.33	26.72	15.59	19.97
16	8.21	16.75	15.1	7.77	11.45
16	10.78	24.31	16.39	8.6	11.69
16	18.44	43.41	34.73	16.48	29.3
16	10.86	19.27	22.18	9.37	16.17
16	15.23	22.65	25.22	12.71	15.61
17	15.69	25.61	31.36	11.25	21.73

	17	9.14	15.44	12.53	10.25	9.68
	17	13.71	17.05	15.84	11.49	12.88
	17	11.09	15.72	13.49	10.91	13.44
	17	27.3	35.43	28.73	22.58	25.36
	17	10.2	12.06	18.63	10.73	12.95
	17	10.96	22.24	23.13	16.46	22.41
	17	5.89	9.19	10.32	5.88	11.24
	17	12.01	21.85	18.2	11.82	23.54
	17	20.71	28.37	35.8	16.2	14.44
	17	5.52	10.03	10.07	4.86	5.39
	17	9.47	14.26	11.34	8.79	11.68
	17	7.93	12.29	11.44	6.36	8.15
	17	24.08	32.01	36.09	15.9	17.98
	17	12.01	18.98	17.89	11.77	14.84
	17	9.5	14.75	31.07	9.69	11.6
	17	17.48	28.6	34.26	15.5	14.39
	17	10.19	11.12	11.76	10.74	9.85
	17	23.62	31.41	36.11	16.95	25.19
	17	15.32	17.33	17.81	11.71	12.65
	18	10.32	16.29		14.16	11.88
	18	6.04	8.67	8.52	6.7	6.54
	16	6.4	11.82	15.87	7.16	13.17
	16	8.66	15.36	9.61	8.67	11.28
	16	9.21	18.03	17.88	9.69	10.56
	16	12.35	18.43	22.58	11.67	19.3
	16	12.97	30.96	15.91	9.22	13.7
	16	11.88	27.5	16.43	10.12	10.86
Mean	16.92308	13.41030769	20.99523077	21.00375	12.52723	15.13
SD	0.834934	5.940760413	8.102409577	8.098823	4.672563	5.903585245

L-FABPCr	L-FABPCr	L-FABPCr	L-FABPCr	L-FABPCr	TPCr①	TPCr②	TPCr③	TPCr④
1.29	38.64	7.11	1.62	1.02	0.01	0.19	0.07	0.02
0.55	1.36	1.5	0.35	0.78	0.01	0.03	0.16	0
1.63	20.28	7.51	2.81	1.91	0.02	0.08	0.1	0.02
1.23	25.7	36.26	1.55	2.63	0.02	0.02	0.46	0.02
0.84	11.49	6.18	0.55	0.73	0	0.1	0.16	0.03
1.78	5.72	5.6	3.15	4.07	0.02	0.06	0.16	0
1.27	2.44	4.55	1.25	2.3	0.01	0.02	0.09	0
0.62	1.62	0.58	0.89	0.71	0.01	0.03	0.04	0.01
0.48	33.17	2.76	0.78	0.54	0	0.14	0.11	0.01
3.71	118.47	21.17	6.27	6.97	0	0.43	0.17	0.01
1.54	5.55	3.56	3.2	4.24	0	0.04	0.03	0
0.82	58.07	1.21	0.57	1.3	0.01	0.24	0.04	0.01
1.34	67.98	21.7	5.24	4.63	0.02	0.29	0.11	0.04
0.37	4.8	1.14	0.72	0.62	0.02	0.08	0.07	0.01
1.53	50.17	12.62	1.84	4.31	0.03	0.24	0.59	0.03
0.91	59.02	20.15	2.63	1.36	0.02	0.2	0.47	0.02
0.7	7.42	3.76	0.95	0.95	0.02	0.15	0.34	0
0.65	18.91	10.25	1.89	1.47	0.04	0.1	0.32	0.03
0.86	36.13	39.94	0.95	1.25	0.02	0.24	0.26	0.02
0.65	14.44	4.54	0.8	1.08	0.01	0.18	0.61	0.01
0.7	3.29	0.63	1.32	0.94	0.04	0.05	0.03	0
1.24	40.63	20.54	3.65	2.67	0.01	0.12	0.3	0
0.61	65.43	20.99	1.61	0.99	0	0.91	0.53	0.01
0.98	15.56	4.54	1.39	1.57	0.01	0.13	0.08	0.02
0.57	12.41	2.31	0.93	1.15	0.02	0.16	0.13	0.02
1.11	32.51	2.1	2.45	2.46	0.04	0.33	0.08	0.03
3.1	70.47	24.83	1.72	2.73	0.03	0.25	0.35	0.03
1.31	69.02	20.63	1.52	2.38	0.01	0.19	0.22	0
0.33	7.68	4.9	0.74	0.66	0	0.05	0.26	0
0.48	12.56	10.67	0.9	1.11	0.02	0.12	0.16	0.01
0.93	17.83	2.29	3.71	2.12	0.02	0.13	0.05	0.04
0.59	73.38	70.78	0.74	0.91	0.02	0.32	0.55	0.01
0.49	14.93	3.01	0.51	0.74	0	0.1	0.05	0
0.47	11.27	0.81	2.18	1.32	0	0.06	0.01	0.03
0.49	69.73	48.32	1.25	1.26	0.03	0.48	0.4	0.05
1.35	65.77	43.63	1.37	1.74	0.03	0.29	0.17	0.03
0.64	34.44	12.18	0.84	0.88	0.02	0.12	0.17	0.02
0.63	23.03	17.34	0.85	0.78	0.01	0.15	0.25	0.02

0.91	53.67	7.37	1.39	1.17	0.01	0.28	0.28	0.02
0.55	24.21	18.31	1.28	2.22	0	0.14	0.25	0.01
0.44	2.33	0.58	0.9	1.09	0.02	0.11	0.06	0.02
1.26	3.62	3.81	3.17	2.94	0.01	0.03	0.07	0
1.41	41.01	23.41	1.77	1.99	0.02	0.14	0.44	0
0.68	15.9	2.36	0.71	0.98	0.02	0.38	0.17	0.01
1.35	7.17	1.89	2.25	2.58	0.01	0.03	0.08	0.01
0.63	26.63	48.71	1.19	1.64	0.04	0.42	0.67	0.05
1.63	67.89	11.06	3.06	3.83	0	0.33	0.07	0
0.44	8.17	0.58	0.87	1.12	0.02	0.06	0.01	0.03
1.37	15.97	4.58	1.46	1.4	0.02	0.12	0.12	0.04
1.51	5.35	6.6	1.95	2.13	0.01	0.06	0.11	0.01
1.95	63.63	7.02	3.89	3.13	0.02	0.22	0.16	0.03
1.27	4.38	1.72	2.48	2.15	0	0.05	0.06	0.01
1.43	50.56	238.69	1.73	4.16	0.02	0.18	0.85	0.27
0.74	96.41	17.19	1	0.48	0.01	0.4	0.18	0
1.07	41.07	29.07	1.79	4.79	0.03	0.28	0.29	0.02
2.21	53.71	4.71	2.32	3.38	0.01	0.28	0.06	0
1.2	13.12	55.1	1.6	1.93	0.01	0.07	0.4	0.01
0.58	14.56		1.32	1.72	0.02	0.15		0.02
0.92	3.15	1.49	3.07	2.01	0.02	0.04	0.03	0.02
0.55	7.25	6	1.21	1.05	0.01	0.07	0.16	0.01
0.9	1.71	1.02	1.64	1.55	0.01	0.04	0.07	0.02
0.94	5.42	1.09	1.54	1.84	0.03	0.12	0.16	0.03
1.54	13.88	3.31	3.73	5.7	0.01	0.1	0.13	0.03
1.55	19.87	6.49	2.79	2.27	0	0.25	0.14	0
0.64	41.93	11.24	0.72	0.8	0	0.21	0.18	0.02
1.053231	29.59831	16.18734	1.792615	1.989692	0.015077	0.175077	0.208594	0.02
0.608179	26.71019	32.05593	1.157418	1.349895	0.011057	0.147173	0.181937	0.034141

TPCr⑤	Cr①	Cr②	Cr③	Cr④	Cr5⑤	PGE-MUM	PGE-MUM	PGE-MUM
0.02	379.35	260.85	292.88	287.77	435.45	44.3	27.1	44.9
0	267.6	203.49	485.58	217.05	186.52	27.3	29.3	74.9
0.02	240.11	106.28	259.66	209.03	290.28	59.2	24.8	63.2
0.03	149.63	65.81	216.09	229.46	137.06	10.4	10.3	29.2
0.03	233.03	134.52	254.15	220.59	162.01	93.1	66.8	106
0.04	157.7	157.05	214.64	141.37	163.14	26	38.3	56.2
0.03	244.8	216.04	281.64	220.73	222.17	32.9	43.8	50.8
0.02	318.35	164.33	293.45	290.91	261.91	43.6	25.3	47.3
0.01	179.99	70.57	242.07	270.19	259.98	20.4	13	37.7
0.03	118.45	118.49	157.36	214.95	311.58	24.3	37.3	55.8
0.01	267.06	251.42	261.26	260.02	296.04	29.3	47.7	41.4
0.02	316.83	124.7	321.27	250.47	185.84	37.5	26.1	74.1
0.05	252.8	141.47	217.42	227.41	288.32	63.9	47.7	77.2
0.04	279.32	182.31	262.32	184.06	281.94	27.8	27.4	39.4
0.07	202.63	141.94	264.98	177.76	257.1	17	23	33.8
0.04	158.6	78.45	98.27	210.4	249.31	15.5	18.4	17
0.02	255.79	272.4	415.83	193.74	249.31	29.1	42.1	119
0.04	244.23	148.44	193.61	209.56	186.41	20.8	26.2	35.2
0.04	257.36	106.17	190.03	222.65	207.75	42.7	31.3	63.4
0.02	208.43	112.39	241.31	244.93	150.59	42.2	27.8	73.8
0.02	134.72	129.16	142.3	142.12	265.57	15.5	18.2	20.9
0	242.09	118.95	157.89	190.64	186.63	37.3	40.1	41
0.06	171.53	76.85	143.35	225.39	92.78	22.8	14.8	28.2
0.03	167.21	129.37	176.04	180.24	266.07	17.4	20.6	28.3
0.04	223.93	156.7	270.89	267.5	206.25	28.1	31	56.7
0.05	206.03	98.41	126.75	205.85	123.89	28.1	25.4	26.5
0.05	220.82	124.16	232.74	182.84	282.79	23.2	32.2	47.7
0.03	168.12	98.13	154.6	171.83	155.78	20.7	20	28.9
0.02	89.94	122.91	254.59	84.7	184.83	11.2	22	58.4
0.06	273.55	134.19	144.99	170.94	128.28	53.3	27.8	32.6
0.05	344.85	217.76	434.97	271.15	345.36	36.4	31.9	71.6
0.03	258.08	60.33	130.24	214.82	166.74	37.5	18.3	34.8
0.01	247.21	134.32	190.06	276.58	202.66	20.3	22.5	28.7
0.02	195.74	92.55	251.36	260.5	263.51	21.1	22.5	41.2
0.09	159.97	60.13	103.38	168.65	183.64	29.5	26.1	35.9
0.05	89.6	180.03	100.1	183.49	203.45	9.73	34.7	22.2
0.03	262.68	74.16	187.16	236.08	268.47	40	16.8	47.2
0.06	216.69	108.54	233.75	215.05	254	34	27.8	73.3

0.04	270.15	154.79	285.65	203.97	339.76	24.7	23.9	35.8
0.05	210.73	109.7	172.3	170.61	159.94	28.9	18.7	27.3
0.1	192.02	110.66	156.41	132.88	139.09	21.3	17.4	21.1
0.01	261.21	127.31	257.25	182.46	198.71	71.3	45.1	73.9
0.04	218.53	145.14	190.55	161.23	149.05	22.3	17.5	35.5
0.04	350.37	118.72	330.71	180.42	309.66	38.4	26.4	76.5
0.03	293.51	122.99	244.2	290.78	233.07	17.3	11.3	25.2
0.06	199.91	144.59	197.82	177.64	170.74	24	31.6	36
0.08	209.85	256.47	425.7	250.75	421.17	36.1	46.2	56.6
0.02	340.75	123.62	218.5	345.61	194.94	18.8	12.4	22
0.03	228.14	141.69	180.82	182.12	150.7	21.6	20.2	20.5
0.03	306.29	205.78	319.06	306.42	348.31	24.3	25.3	36.5
0.03	337.98	168.99	253.79	205.67	179.04	81.4	54.1	91.6
0.03	106.61	119.58	166.04	205.65	198.74	12.8	22.7	29.7
0.06	176.82	132.24	112	188.82	190.44	16.8	19.5	34.8
0.03	206.47	66.09	102.75	174.15	169.62	36.1	18.9	35.2
0.14	171.68	151.05	180.26	140.57	199.02	17.5	16.8	21.2
0.04	288.78	106.34	329.56	178.71	179.03	68.2	33.4	119
0.03	297.61	129.23	95.47	267.22	254.54	45.6	22.4	17
0.03	235.45	122.18		279.75	260.13	24.3	19.9	
0.04	486.81	219.27	348.42	319.61	288.85	29.4	19	29.7
0.03	292.36	215.65	339.72	287.55	391.89	18.7	25.5	53.9
0.02	212.45	133.5	100.96	184.54	249.21	18.4	20.5	9.7
0.08	343.02	257.32	344.53	258.07	248.99	31.6	46.4	61.6
0.06	274.51	168.78	260.46	257.12	298.39	33.9	31.1	58.8
0.07	134.19	140.2	164.03	207.21	182.53	17.4	43.4	26.1
0.03	202.94	86.17	215.4	215.43	249.59	24.1	23.7	35.4
0.038923	234.6763	140.7972	227.9897	216.7135	229.5163	31.05585	27.68769	46.17188
0.024052	72.86395	51.69893	88.05798	49.59078	71.67591	16.72549	11.16447	24.02368

PGE-MUM	PGE-MUM	L-FABP①	L-FABP②	L-FABP③	L-FABP④	L-FABP⑤	TP①	TP②
20.4	35.5	4.91	100.79	20.83	4.65	4.44	5.5	49.6
22.1	22.1	1.47	2.76	7.3	0.76	1.46	2.3	6.2
39.4	55.1	3.91	21.55	19.5	5.88	5.54	5.5	8.3
13	16.1	1.84	16.91	78.36	3.55	3.6	3.6	4
66.7	58.6	1.95	15.45	15.7	1.21	1.18	0	14
25.5	31.8	2.8	8.98	12.03	4.45	6.64	2.5	8.8
34.7	38.5	3.11	5.27	12.82	2.76	5.12	3	5.3
48.8	25.9	1.96	2.67	1.7	2.58	1.87	3.5	5.1
27.1	32.5	0.86	23.41	6.69	2.12	1.4	0	9.6
51.8	56.5	4.39	140.38	33.32	13.47	21.72	0	51.5
22.9	28.7	4.1	13.95	9.29	8.33	12.56	0	9.7
27.6	23.8	2.6	72.41	3.9	1.44	2.42	3.8	29.5
53.7	84.8	3.38	96.17	47.19	11.91	13.35	4.5	41.5
24.9	54.6	1.04	8.75	3	1.32	1.75	4.3	13.7
15.8	44.6	3.1	71.21	33.45	3.27	11.07	5.6	34.1
22.6	38	1.45	46.3	19.8	5.54	3.4	3.5	15.5
25.7	26.6	1.79	20.22	15.62	1.84	2.36	6	41.9
23.8	36.4	1.59	28.07	19.85	3.97	2.74	8.7	15.2
36.7	35.3	2.21	38.36	75.9	2.12	2.59	4.9	25.4
42	36.7	1.35	16.23	10.96	1.95	1.62	2.9	20.4
20.7	24.1	0.94	4.25	0.89	1.87	2.5	4.9	6.4
25.6	26.3	3	48.33	32.43	6.95	4.99	2.3	14.6
19.2	11.7	1.05	50.28	30.09	3.63	0.92	0	69.7
20.4	23.3	1.64	20.13	8	2.5	4.18	2.5	16.8
31.8	27.2	1.27	19.45	6.26	2.5	2.37	5.3	25.1
30.4	23	2.29	31.99	2.66	5.04	3.05	8.3	32.8
21.4	39.9	6.84	87.49	57.79	3.14	7.73	5.7	31.6
24.5	19.2	2.2	67.73	31.89	2.61	3.7	2.4	18.8
10.6	18.2	0.3	9.44	12.48	0.63	1.22	0	6.5
19.9	26.1	1.31	16.86	15.47	1.53	1.43	5.6	16.1
28.1	34.5	3.2	38.83	9.94	10.05	7.32	7.5	28.1
33.5	33.3	1.52	44.27	92.19	1.6	1.51	4.6	19.2
21.5	23.2	1.21	20.05	5.72	1.4	1.49	0	13.5
22.4	30.8	0.92	10.43	2.03	5.67	3.47	0	5.5
27.8	53.8	0.79	41.93	49.95	2.1	2.31	5.3	28.9
17.2	32.9	1.21	118.4	43.67	2.51	3.53	2.8	51.9
30	41.9	1.68	25.54	22.79	1.98	2.36	6	9.2
24.2	55.2	1.36	25	40.53	1.82	1.97	2	16.1

20.9	32.9	2.45	83.07	21.06	2.84	3.97	4	43.6
19.6	20.6	1.15	26.56	31.54	2.18	3.55	0	15.7
14.5	18.7	0.84	2.58	0.9	1.2	1.52	3.5	12.6
41.2	50.4	3.3	4.61	9.79	5.79	5.85	2.7	4.3
17.3	19.3	3.08	59.52	44.6	2.85	2.96	5.1	19.6
29.7	69.4	2.39	18.88	7.82	1.28	3.04	6.6	45.7
17.1	26.2	3.96	8.82	4.61	6.54	6.02	3.4	4
21	40.2	1.25	38.5	96.35	2.11	2.8	7.4	60.8
27.1	40.3	2.27	3.83	3.93	2.01	8.03	3	5.8
16.8	10.5	1.49	10.1	1.26	3.02	2.19	6.8	6.9
16	17.6	3.13	22.63	8.28	2.66	2.11	4.2	16.9
19.5	28.4	4.61	11.01	21.06	5.96	7.42	3.8	11.4
32.7	32.2	6.58	107.53	17.81	8	5.6	7.2	36.7
24.2	29.5	1.35	5.24	2.86	5.09	4.27	0	5.5
18.3	22.1	2.52	66.86	267.33	3.27	7.92	4.2	24.1
27	24.4	1.53	63.72	17.66	1.74	0.81	2.5	26.4
15.1	19.6	1.84	62.03	52.4	2.52	9.54	4.9	42.9
30.3	45.1	6.39	57.12	15.53	4.15	6.05	2.7	29.7
31.3	32.2	3.58	16.96	52.6	4.28	4.9	4	9.5
39.6	30.9	1.36	17.79		3.68	4.48	5.5	17.8
21.4	18.9	4.48	6.91	5.19	9.82	5.82	9.1	8.2
20.6	51.6	1.62	15.64	20.4	3.48	4.13	3.6	15.3
16	28.1	1.92	2.28	1.03	3.03	3.86	2.1	5.5
25	26.3	3.24	13.94	3.77	3.97	4.57	10.3	31.6
30	57.6	4.22	23.43	8.63	9.58	17	4.1	16.9
19.1	25	2.08	27.86	10.64	5.79	4.14	0	34.9
21.8	27.1	1.3	36.13	24.22	1.55	1.99	0	17.7
26.26923	33.41231	2.407231	34.51985	25.98844	3.831385	4.575692	3.784615	21.38615
10.28875	14.26537	1.438569	31.65155	37.87814	2.736449	3.813832	2.520927	15.40464

TP③	TP④	TP⑤
21	4.6	7.5
78.3	0	0
25.7	3.7	6.2
99.7	4.5	4.6
41.5	5.6	4.3
35.4	0	6.2
24.7	0	6.7
11.4	2.6	6.4
25.6	2.7	3.3
27.5	2.5	10.3
8.6	0	4.4
13.3	3.5	3
24.8	8.9	13.9
18.6	2.6	11
156	4.7	18
46.3	4.9	10.2
141.1	0	5.6
61.9	5.7	6.9
49.1	4.9	7.6
148.3	3	2.9
4.8	0	6.3
47.8	0	0
76.2	2	5.2
14.5	2.9	7.9
34.4	5.4	7.3
10.5	6.5	6.8
80.3	4.9	14.3
34.7	0	5.1
65.7	0	4.3
23.3	2.5	7.5
21.5	10.3	15.7
71.5	2.4	4.6
9.5	0	3
3.2	8.3	4.2
41.8	8.1	17.2
16.6	6.1	10.1
32.2	3.7	8.6
58.1	4.5	14.7

80.5	3.1	13
42.6	2.4	7.6
9.4	2.2	13.8
17.5	0	2.8
83.9	0	6
56.6	2.3	13.7
18.5	3.4	7.3
131.6	8.7	10.3
10.9	6.4	20.5
2.9	11.4	3
21.4	7.7	4
36.3	4.4	8.8
40.6	6.2	5.6
10.5	2.5	5
95	50.1	10.9
18.8	0	5
53	3.3	27.2
20.8	0	7.2
38.4	3.3	8
	5	6.6
11.8	7	10.8
53.4	2.5	13.1
6.9	4.3	5.9
54.4	7.2	20.8
34.6	6.9	16.8
22.2	0	11.9
38.8	5.1	8.3
42.44844	4.421538	8.549231
35.76787	6.423115	5.20712