

香港快樂指數

ING LIFE Hong Kong Happiness Index 2011



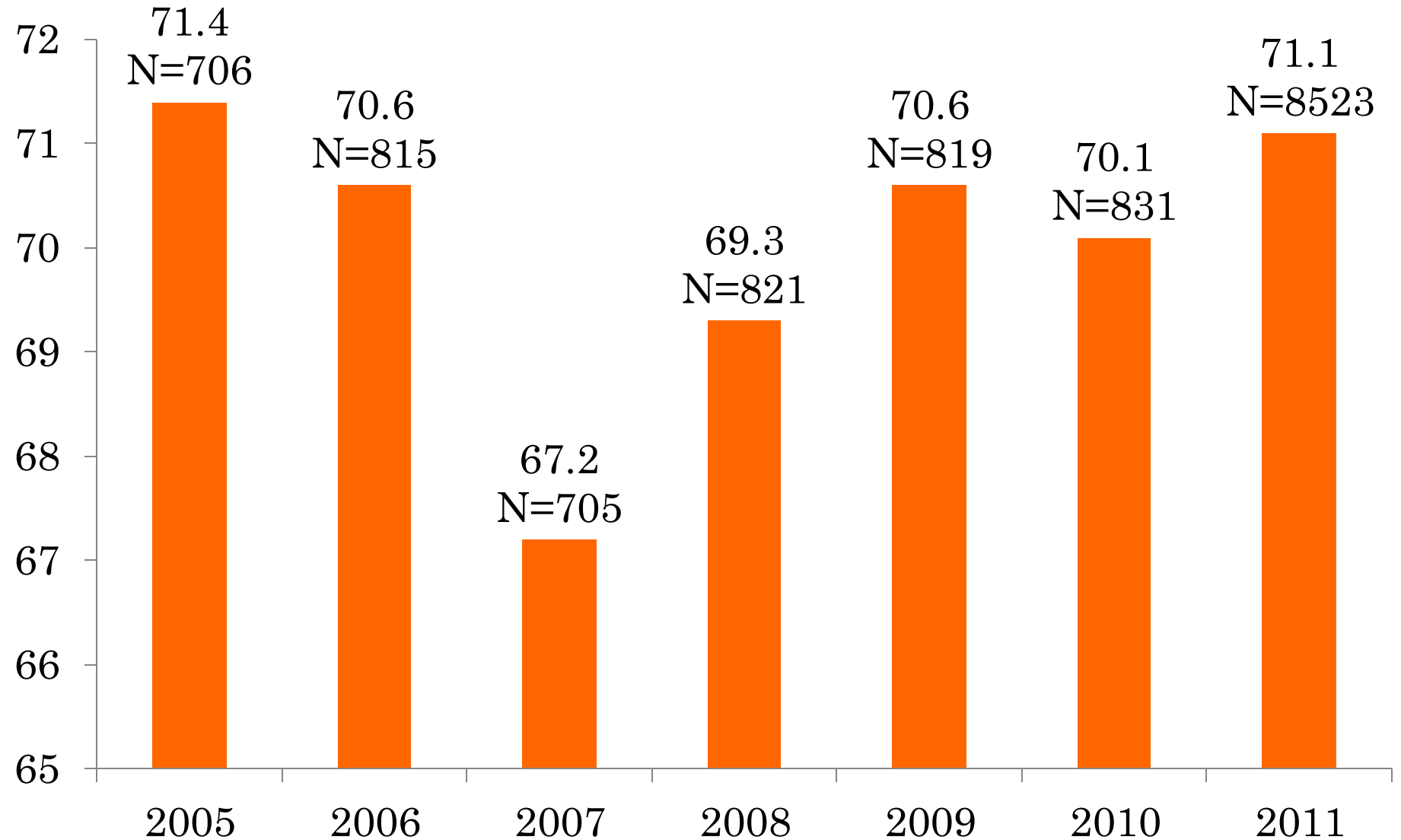
何灝生教授
嶺南大學公共政策研究中心

Professor Lok Sang HO
Director, Centre for Public Policy Studies
Department of Economics
Lingnan University
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- This is the first study conducted on-line in collaboration with ING. The respondents do NOT represent a randomized sample. Caution should be exercised when comparing results with earlier surveys conducted since 2005 by the CPPS. However given the much bigger size of the sample we have drawn interesting results not seen before.
- 今年調查於2011年六月七至二十日期間進行
The survey was conducted between 7th - 20th 2011.
- 8523位香港居民成功地完成了整份問卷
8523 Hong Kong residents successfully completed the questionnaire.
- 嶺大「香港快樂指數」：個人指數以0分為最低10分為最高。
Lingnan University Hong Kong Happiness (individual) Index is on a scale of 0 to 10; territory wide index 0-100

快樂指數 Happiness Index

2005-2011



Happiness Formula 快樂方程式 :

= L I F E

L = LOVE 關愛

I = INSIGHT 智慧

F = FORTITUDE 堅毅

E = ENGAGEMENT 行動

Measures of Love 關愛

Disagree or agree (scale of 0 to 10)

- 我十分關心我的家人。
I care for my family a lot.
- 我關心社會上不幸的人。
I care for people who are less fortunate than myself.
- 我的家人十分關心我。
My family members care for me a lot.

Measures of Insight 智慧

Disagree or agree (scale of 0 to 10)

- 我經常反思每天的生活，努力完善自己。
I have a habit of reflecting. In so doing I want to improve myself.
- 我從錯誤中學到很多，智慧漸長。
I learn from mistakes, and find myself becoming wiser over the years.
- 我專注於自己做到最好，不介意別人如何評價我。
I have a habit of focusing on doing the best I can, not worrying about how others think of me.
- 我接受我自己，不會因自己的不足而煩惱。
I accept myself as I am, and shall not be troubled by my own shortcomings.
- 我力求生活平衡，工作娛樂飲食均有節度。
Moderation and balance is my motto. I never do anything in excess, whether it is work, eating, or having fun.

Measures of fortitude 堅毅

Disagree or agree (scale of 0 to 10)

- 挫折使我變得更堅強。
I become stronger going through difficulties and adversities.
- 我願意為自己的信念和價值觀付出。
I am ready to make sacrifice to defend my convictions and values.
- 我有信心克服困難，總會有更美好的將來。
I am sure I can overcome difficulties, and as long as I endure, things will turn better in the future.

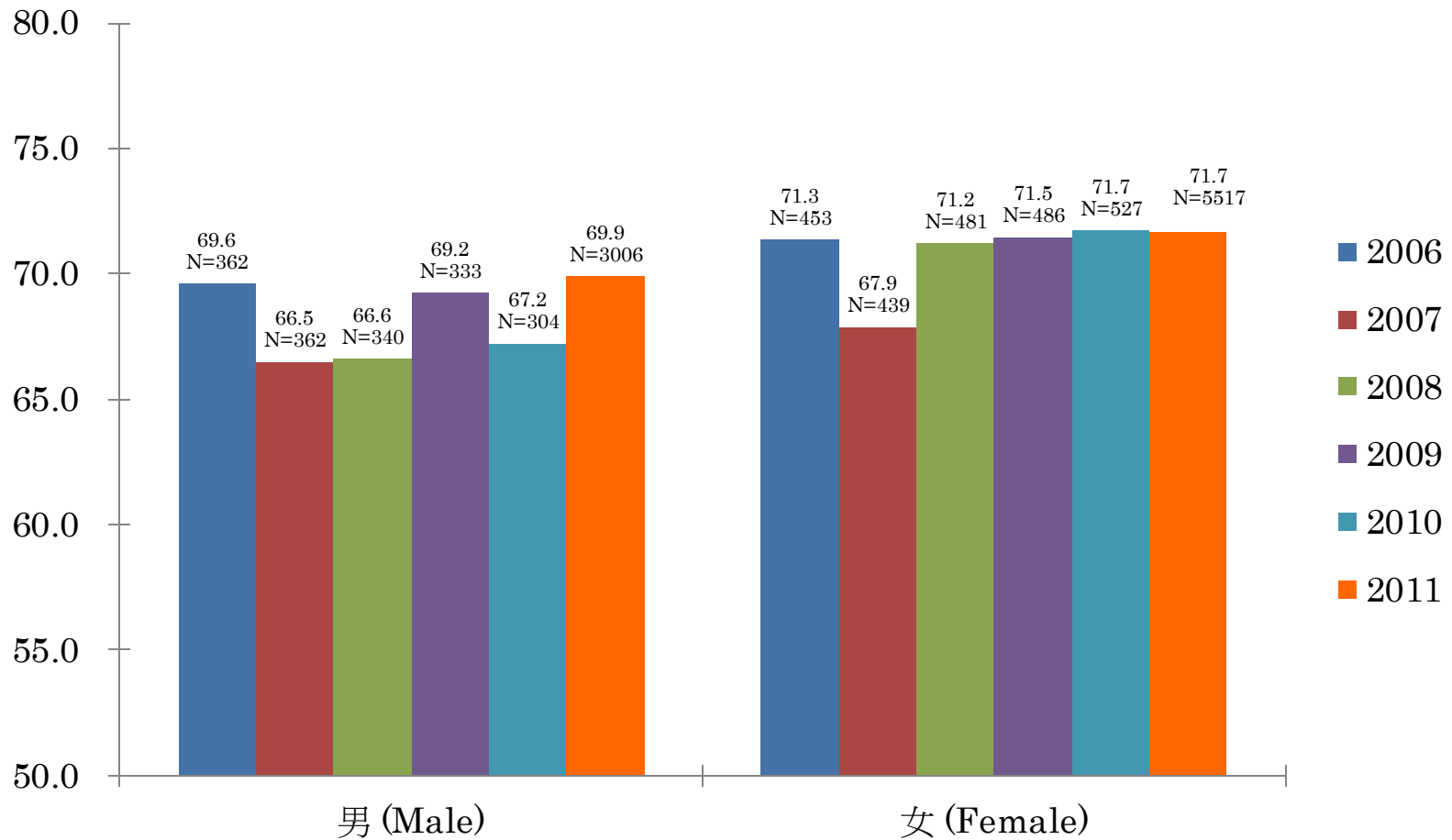
Measures of engagement 行動

Disagree or agree (scale of 0 to 10)

- 我掌握機會發揮所長。
I take advantage of opportunities that I have to realize my potential.
- 我有清晰的人生目標。
I have clear objectives in my life.
- 我爭取做自己喜歡的事。
I actively look for the opportunity to do things that I enjoy doing.

Age, Gender, Happiness and LIFE Scores

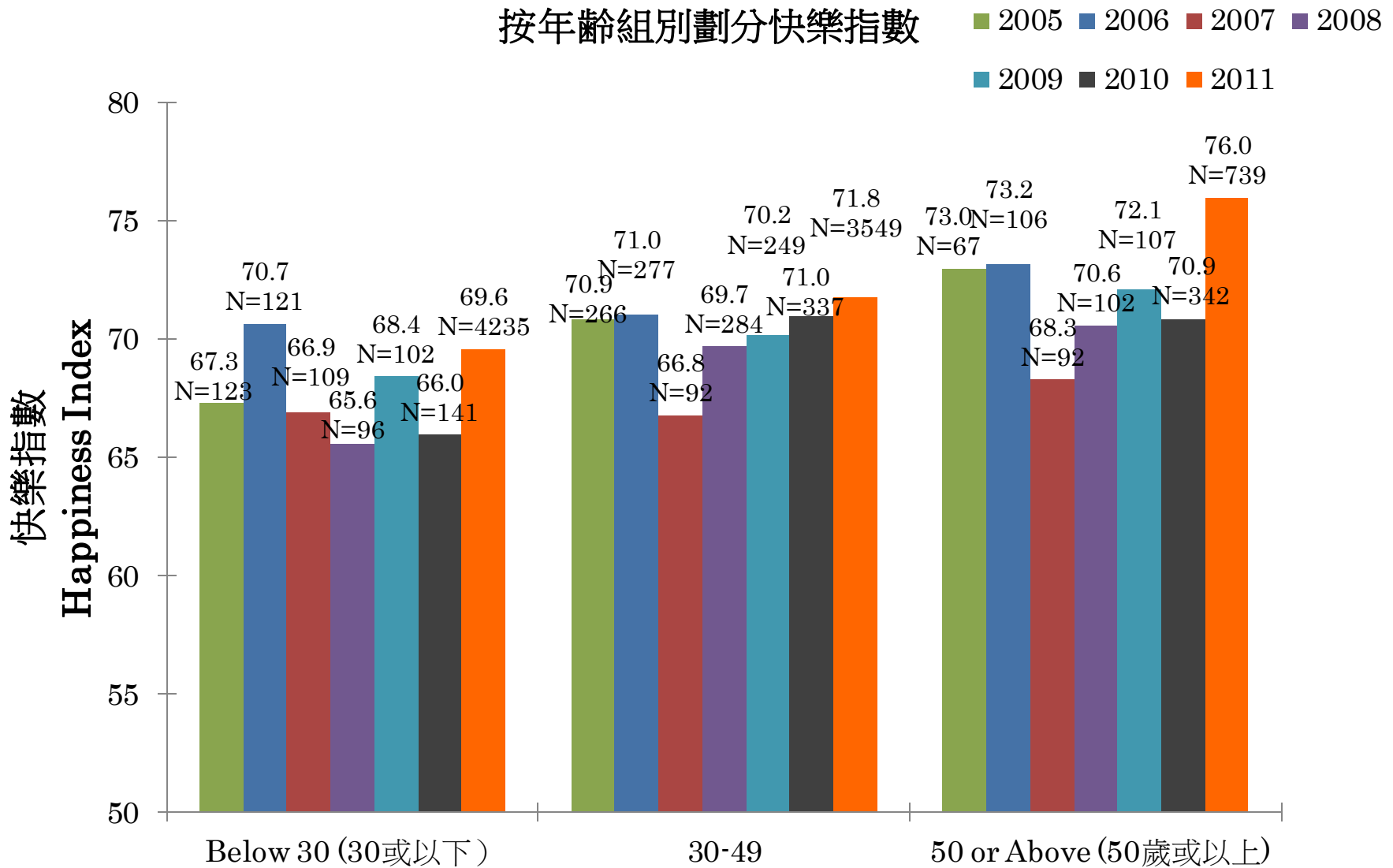
按性別劃分快樂指數 Happiness Index by Sex



Happiness by Age Group 2005-2011

Happiness Index by Age Group

按年齡組別劃分快樂指數



Happiness by Sex

Sex	Mean 平均值	Sample 樣本數目
Male	6.99	3006
Female	7.17	5517
Total	7.11	8523

LIFE Scores by Sex

Sex	Love	Insight	Fortitude	Engagement	Happiness	Sample 様本数
Total	7.52	6.84	7.52	7.23	7.11	8523
Male	7.42	6.98	7.58	7.33	6.99	3006
Female	7.57	6.76	7.48	7.17	7.17	5517

Happiness by Age

Age	Mean 平均值	Median 中位數	Sample 樣本數目
Below 18	6.77	7	724
18-20	7.51	8	635
21-24	6.73	7	1257
25-29	7	7	1619
30-34	7.07	7	1317
35-39	7.14	8	905
40-44	7.25	8	763
45-49	7.42	8	564
50-54	7.6	8	348
55-59	7.72	8	190
60-64	7.61	8	121
65 or Above	7.3	8	80
Total	7.11	7	8523

LIFE Scores by Age

Age	Love	Insight	Fortitude	Engagement	Happiness
Below 18	7.23	6.23	7.26	7.13	6.77
18-20	7.46	6.72	7.38	7.10	7.51
21-24	7.24	6.48	7.40	6.96	6.73
25-29	7.41	6.76	7.47	7.12	7.00
30-34	7.51	6.87	7.50	7.21	7.07
35-39	7.63	6.95	7.54	7.33	7.14
40-44	7.71	7.14	7.70	7.43	7.25
45-49	7.86	7.30	7.82	7.51	7.42
50-54	7.94	7.49	7.88	7.66	7.60
55-59	8.13	7.31	7.72	7.55	7.72
60-64	8.07	7.50	7.69	7.64	7.61
65 or Above	7.73	7.33	7.42	7.37	7.30
Total	7.52	6.84	7.52	7.23	7.11

Happiness by Age Group

Age Group	Mean 平均值	Median 中位數	Sample 樣本數目
Below 30	6.96	7	4235
Age 30-49	7.18	8	3549
50 or Above	7.60	8	739
Total	7.11	7	8523

LIFE Scores by Age Group

Age Group	Love	Insight	Fortitude	Engagement
Below 30	7.3345	6.5830	7.4013	7.0726
Age 30-49	7.6381	7.0204	7.6051	7.3354
50 or Above	7.9847	7.4260	7.7574	7.5972
Total	7.5173	6.8382	7.5170	7.2275

Happiness by Sex and Age Group

Age Group	Male	Sample 样本數目	Female	Sample 样本數目	Total	Sample 样本數目
Below 30	6.74	1323	7.06	2912	6.96	4235
Age 30-49	7.07	1339	7.26	2210	7.18	3549
50 or Above	7.68	344	7.54	395	7.60	739
Total	6.99	3006	7.17	5517	7.11	8523

LIFE Scores by Sex and Age Group

Sex	Age Group	Love	Insight	Fortitude	Engagement	Happiness
Male	Below 30	7.15	6.70	7.50	7.18	6.74
	Age 30-49	7.51	7.10	7.59	7.38	7.07
	50 or Above	8.11	7.57	7.81	7.75	7.68
	Total	7.42	6.98	7.58	7.33	6.99
Female	Below 30	7.42	6.53	7.36	7.02	7.06
	Age 30-49	7.72	6.97	7.61	7.31	7.26
	50 or Above	7.87	7.30	7.71	7.47	7.54
	Total	7.57	6.76	7.48	7.17	7.17
Total	Below 30	7.33	6.58	7.40	7.07	6.96
	Age 30-49	7.64	7.02	7.61	7.34	7.18
	50 or Above	7.98	7.43	7.76	7.60	7.60
	Total	7.52	6.84	7.52	7.23	7.11

LIFE Scores from 2008 – 2011

(not directly comparable though, given 2011 results are from an On-Line survey)

Index	2008		2009		2010		2011	
	Mean 平均值	Sample 樣本數目	Mean 平均值	Sample 樣本數目	Mean 平均值	Sample 樣本數目	Mean 平均值	Sample 樣本數目
Love	7.64	801	7.67	806	8.35	809	7.52	8523
Insight	6.75	809	7.10	737	7.49	814	6.84	8523
Fortitude	6.99	790	6.89	693	7.28	807	7.52	8523
Engagement	6.29	793	6.76	807	6.73	797	7.23	8523

LIFE Scores from 2008 – 2011 by Sex

Sex		Male		Female		Total	
		Mean 平均值	Sample 樣本數目	Mean 平均值	Sample 樣本數目	Mean 平均值	Sample 樣本數目
Love	2011	7.42	3006	7.57	5517	7.52	8523
	2010	8.11	299	8.48	521	8.35	820
	2009	7.45	331	7.81	475	7.67	806
	2008	7.40	339	7.80	462	7.63	801
Insight	2011	6.98	3006	6.76	5517	6.84	8523
	2010	7.30	299	7.59	526	7.49	825
	2009	6.99	311	7.18	426	7.10	737
	2008	6.51	339	6.92	470	6.75	809
Fortitude	2011	7.58	3006	7.48	5517	7.52	8523
	2010	7.18	298	7.33	520	7.28	818
	2009	6.53	278	7.14	415	6.89	693
	2008	6.67	334	7.21	456	6.99	790
Engagement	2011	7.33	3006	7.17	5517	7.23	8523
	2010	6.47	292	6.88	516	6.73	808
	2009	6.67	331	6.81	476	6.76	807
	2008	6.15	334	6.39	459	6.29	793

LIFE Scores from 2008 – 2011 by Sex and Age Group

			2008				2009				2010				2011			
			L	I	F	E	L	I	F	E	L	I	F	E	L	I	F	E
under 50	male	Mean	7.2	6.2	6.5	6.3	7.2	6.9	6.6	6.8	8.0	7.1	7.1	6.3	7.3	6.9	7.5	7.3
		N	225	225	223	226	213	197	183	213	176	176	176	173	2662	2662	2662	2662
	female	Mean	7.7	6.7	7.1	6.5	7.6	7.1	7.0	6.9	8.4	7.3	7.1	6.5	7.5	6.7	7.5	7.1
		N	315	318	311	316	307	279	267	310	303	305	305	302	5122	5122	5122	5122
50 or above	male	Mean	7.8	7.1	7.2	5.9	8.0	7.1	6.4	6.5	8.3	7.6	7.3	5.9	8.1	7.6	7.8	7.7
		N	107	108	104	102	114	110	92	113	119	119	118	115	344	344	344	344
	female	Mean	8.0	7.5	7.5	6.1	8.2	7.3	7.4	6.7	8.7	8.0	7.6	6.3	7.9	7.3	7.7	7.5
		N	132	137	129	128	161	142	141	159	211	214	208	203	395	395	395	395

L: LIFE

I: INSIGHT

F: FORTITUDE

E: ENGAGEMENT

Household Income Group, Happiness and LIFE Scores

Happiness by Household Income Group

Household Income Group 家庭入息組別	Mean 平均值	Sample 樣本數目	Std. Deviation 標準差
Below 10000	7.15	1130	2.31072
10000-19999	6.78	1966	1.94421
20000-29999	7.03	1786	1.76719
30000-39999	7.23	1385	1.69034
400000 or Above	7.37	2256	1.66903
Total	7.11	8523	1.86576

LIFE Scores by Household Income Group

Household Income Group	Love	Insight	Fortitude	Engagement	Happiness
Below 10000	7.35	6.8	7.36	7.11	7.15
10000-19999	7.31	6.55	7.33	6.94	6.78
20000-29999	7.49	6.79	7.45	7.16	7.03
30000-39999	7.65	6.92	7.59	7.26	7.23
40000 or Above	7.73	7.09	7.76	7.57	7.37
Total	7.52	6.84	7.52	7.23	7.11

Education Level, Happiness and LIFE Scores

Happiness by Education Level

Education Level	Mean 平均值	Median 中位數	Sample 樣本數目
No Formal Schooling 未接受正規教育	7.22	7.5	36
Primary 小學	8.59	10	325
Junior Secondary 中一至中三 (初中)	7.03	7	461
Senior Secondary 中四至中五 (高中)	7.06	7	2458
Matriculated 預科	7.11	7	757
Post Secondary 大專 (文憑)	6.88	7	1364
University 大學或以上	7.11	7	3122
Total	7.11	7	8523

LIFE Scores and Education Level

Education Level	Love	Insight	Fortitude	Engagement	Happiness
No Formal Schooling 未接受正規教育	7.06	6.48	6.92	7.09	7.22
Primary 小學	7.88	7.55	7.64	7.64	8.59
Junior Secondary 中一至中三(初中)	7.49	6.70	7.39	7.11	7.03
Senior Secondary 中四至中五(高中)	7.51	6.78	7.48	7.13	7.06
Matriculated 預科	7.42	6.78	7.47	7.19	7.11
Post Secondary 大專(文憑)	7.47	6.66	7.37	7.09	6.88
University 大學或以上	7.54	6.92	7.63	7.35	7.11
Total	7.52	6.84	7.52	7.23	7.11

Territory, District,
Happiness and LIFE
Scores

Happiness by Major Regions

	Mean 平均值	Sample 樣本數目
Hong Kong Island 港島區	7.33	1602
Kowloon 九龍區	7.02	2339
New Territories 新界區	7.08	4582
Total	7.11	8523

LIFE Scores by Major Regions

Territory	Love	Insight	Fortitude	Engagement	Happiness
Hong Kong Island					
港島區	7.62	7	7.57	7.36	7.33
Kowloon					
九龍區	7.42	6.76	7.48	7.19	7.02
New Territories					
新界區	7.53	6.82	7.52	7.2	7.08
Total	7.52	6.84	7.52	7.23	7.11

Happiness by Districts

District	Mean 平均值	Sample 樣本數目
Central and Western 中西區	7.01	296
Wan Chai 灣仔區	8.55	318
Eastern 東區	7.07	681
Southern 南區	6.94	307
Yau Tsim Mong 油尖旺區	7.21	348
Sham Shui Po 深水埗區	6.94	368
Kowloon City 九龍城區	7.04	386
Wong Tai Sin 黃大仙區	6.87	471
Kwun Tong 觀塘區	7.07	766
Kwai Tsing 葵青區	6.83	575
Tsuen Wan 荃灣區	7.13	405
Tuen Mun 屯門區	6.98	649
Yuen Long 元朗區	7.06	685
North 北區	7.02	370
Tai Po 大埔區	7.69	438
Sha Tin 沙田區	7.03	715
Sai Kung 西貢區	7.07	570
Islands 離島區	6.98	175
Total	7.11	8523

LIFE Scores by Districts

District	Love	Insight	Fortitude	Engagement	Happiness
Central and Western 中西區	7.55	6.96	7.48	7.37	7.01
Wan Chai 灣仔區	7.79	7.58	7.84	7.67	8.55
Eastern 東區	7.65	6.88	7.56	7.33	7.07
Southern 南區	7.46	6.71	7.38	7.08	6.94
Yau Tsim Mong 油尖旺區	7.51	7.02	7.71	7.41	7.21
Sham Shui Po 深水埗區	7.36	6.75	7.51	7.21	6.94
Kowloon City 九龍城區	7.45	6.70	7.49	7.32	7.04
Wong Tai Sin 黃大仙區	7.36	6.63	7.31	6.96	6.87
Kwun Tong 觀塘區	7.44	6.76	7.45	7.15	7.07
Kwai Tsing 葵青區	7.43	6.57	7.31	7.00	6.83
Tsuen Wan 荃灣區	7.47	6.83	7.50	7.20	7.13
Tuen Mun 屯門區	7.44	6.69	7.45	7.17	6.98
Yuen Long 元朗區	7.52	6.80	7.57	7.16	7.06
North 北區	7.48	6.73	7.47	7.11	7.02
Tai Po 大埔區	7.87	7.41	7.98	7.80	7.69
Sha Tin 沙田區	7.52	6.84	7.52	7.17	7.03
Sai Kung 西貢區	7.58	6.85	7.46	7.20	7.07
Islands 離島區	7.45	6.70	7.42	6.99	6.98
Total	7.52	6.84	7.52	7.23	7.11

Living Unit, Happiness and LIFE Scores

Happiness by Living Unit

Live Unit 住屋類別	Mean 平均值	Sample 樣本數目
Private Home 自置物業業主	7.15	3288
HOS Home 居屋業主	7.53	1459
TPS Home 租者置其屋公屋業主	6.91	321
Private Housing Tenant 私樓租客	7.10	1256
HOS Housing Private Tenant 居屋租客	7.00	138
Public Housing Tenant 公屋租客	6.79	2061
Total	7.11	8523

LIFE Scores by Living Unit

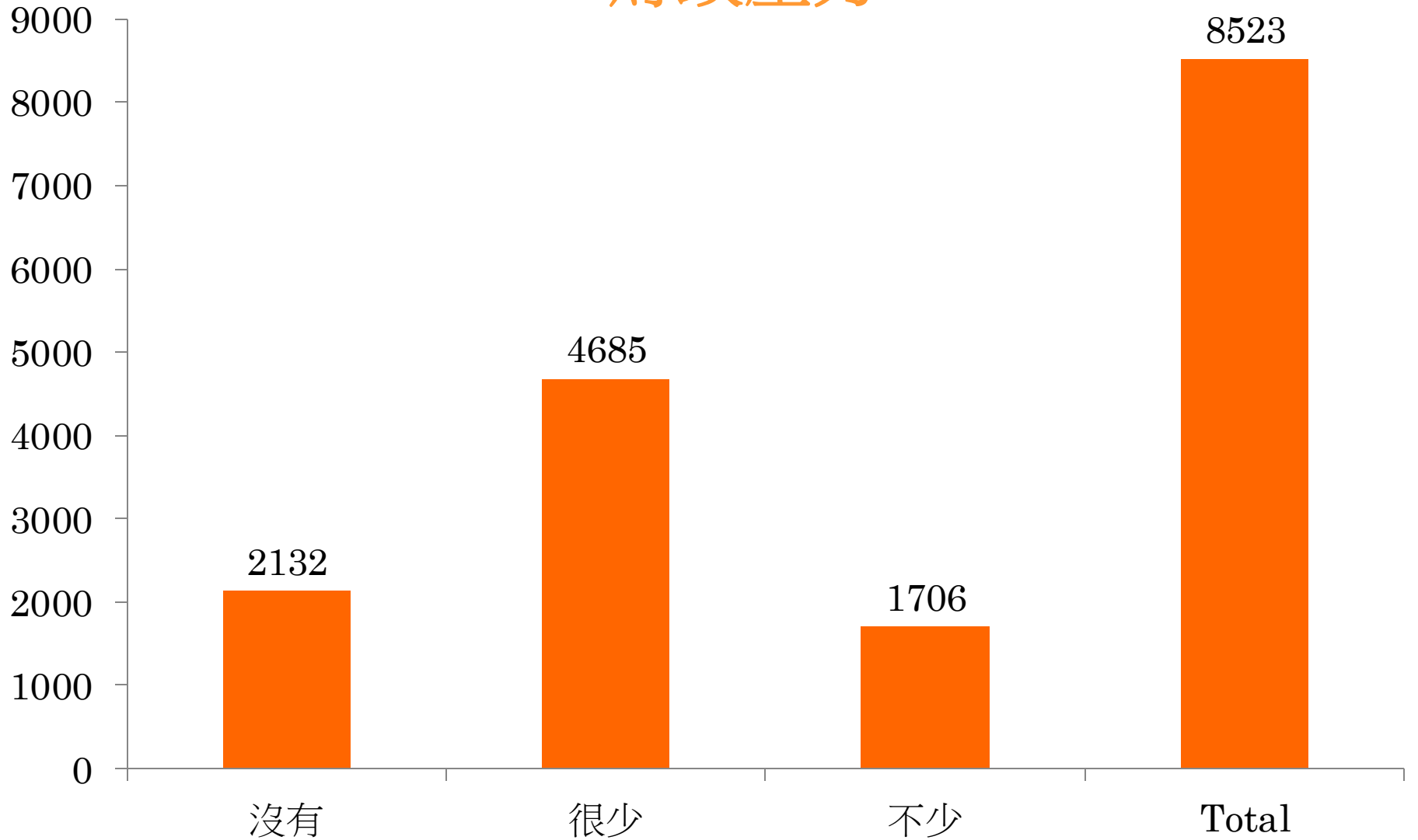
Live Unit 住屋類別	Love	Insight	Fortitude	Engagement	Happiness
Private Home 自置物業業主	7.60	6.89	7.54	7.29	7.15
HOS Home 居屋業主	7.71	7.14	7.63	7.45	7.53
TPS Home 租者置其屋公屋業主	7.41	6.74	7.53	7.06	6.91
Private Housing Tenant 私樓租客	7.46	6.86	7.63	7.33	7.10
HOS Housing Private Tenant 居屋租客	7.22	6.73	7.24	6.93	7.00
Public Housing Tenant 公屋租客	7.32	6.55	7.34	6.96	6.79
Total	7.52	6.84	7.52	7.23	7.11

Financial Pressure and Happiness

財政壓力與快樂指數

Financial Pressure

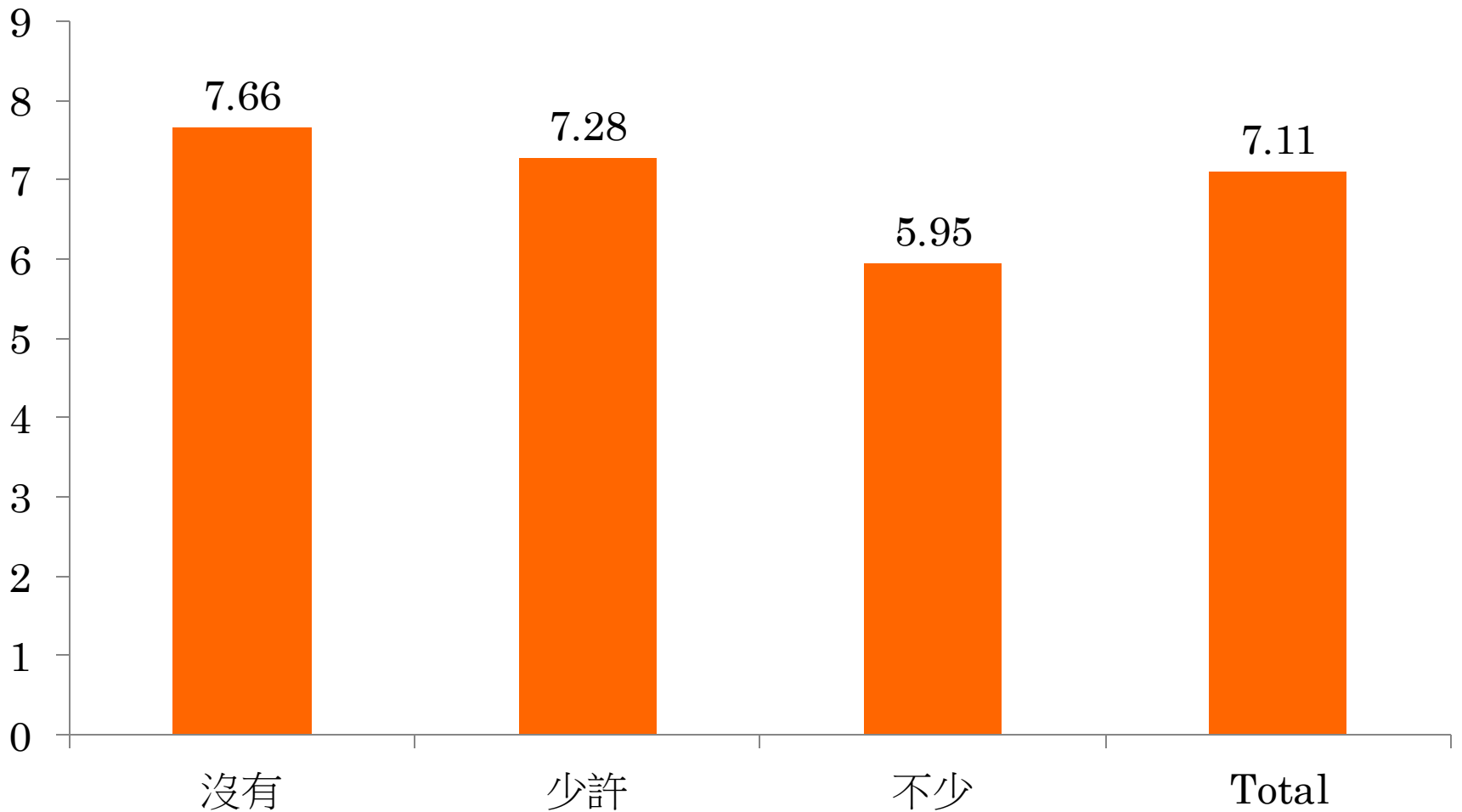
財政壓力



Financial Pressure and Happiness

財政壓力與快樂指數

Happiness



Regression Analysis

迴歸分析

Regressing Happiness on LIFE Scores

Regressing Happiness on LIFE Scores

	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	-.010	.086		-.115	.909
Love***	.188	.011	.158	16.642	.000
Insight***	.315	.015	.243	20.878	.000
Fortitude***	.132	.015	.108	8.708	.000
Engagement***	.354	.014	.306	25.210	.000

Adjusted R Square	F-Statistics
.474	1918.518 ***

***, ** and * indicate 1%, 5% and 10% statistical significance

Baseline Regression

	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	1.072	.109		9.826	.000
Love ***	.155	.011	.130	14.144	.000
Insight ***	.294	.015	.226	19.909	.000
Fortitude ***	.152	.015	.125	10.382	.000
Engagement ***	.328	.014	.284	24.231	.000
Age 30-49 ***	-.260	.036	-.069	-7.267	.000
50 or Above ***	-.357	.060	-.054	-5.929	.000
Married ***	.400	.037	.105	10.915	.000
Divorced ***	-.261	.091	-.023	-2.882	.004
Widow or Widower	.073	.162	.004	.454	.650
Education Level ***	-.075	.010	-.063	-7.508	.000
Unemployed ***	-.325	.091	-.027	-3.588	.000
Financial Pressure ***	-.438	.022	-.157	-19.797	.000
Household Income <10000 ***	.117	.044	.021	2.667	.008
Household Income >40000	-.037	.035	-.009	-1.056	.291
Female	.249	.030	.064	8.309	.000

Adjusted R Square	F-Statistics
.517	609.097 ***

***, ** and * indicate 1%, 5% and 10 % statistical significance

Regression of Financial Pressure 財政壓力的迴歸分析

Regression of Financial Pressure

	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	1.133	0.034		33.646	0.000
Age ***	-0.018	0.003	-0.067	-5.949	0.000
Family Members ***	0.027	0.006	0.055	4.957	0.000
Household Income Group ***	-0.024	0.002	-0.15	-12.962	0.000
HOS Home *	0.039	0.021	0.022	1.831	0.067
TPS Home ***	0.186	0.038	0.053	4.861	0.000
Private Housing Tenant ***	0.22	0.022	0.117	10.158	0.000
HOS Housing Private Tenant ***	0.185	0.056	0.035	3.283	0.001
Public Housing Tenant ***	0.169	0.019	0.108	8.708	0.000

Adjusted R Square	F-Statistics
.059	67.640 ***

***, ** and * indicate 1%, 5% and 10 % statistical significance

Assessing the Impact of Education on
Happiness from the Baseline Regression
從迴歸分析中估量教育對快樂指數的影響

Education on Happiness for Age Below 50

Model	Unstandardized Coefficients		Standardized Coefficients		t	Sig.
	B	Std. Error	Beta			
(Constant)	.974	.116			8.377	.000
Love ***	.154	.011	.128		13.395	.000
Insight ***	.296	.015	.226		19.110	.000
Fortitude ***	.153	.015	.125		9.981	.000
Engagement ***	.329	.014	.283		23.236	.000
Married ***	.277	.033	.070		8.357	.000
Divorced or Widow ***	-.414	.095	-.035		-4.359	.000
Female ***	.278	.032	.070		8.720	.000
Financial Pressure ***	-.434	.023	-.153		-18.521	.000
Household Income <10000 ***	.169	.046	.030		3.645	.000
Household Income >40000 **	-.074	.038	-.017		-1.963	.050
Unemployed ***	-.340	.094	-.029		-3.607	.000
Education Level ***	-.077	.011	-.062		-7.160	.000

Adjusted R Square	F-Statistics	N
.512	682.438 ***	7783

***, ** and * indicate 1%, 5% and 10% statistical significance

Education on Happiness for Age 50 or Above

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	1.699	.342		4.974	.000
Love ***	.184	.041	.159	4.496	.000
Insight ***	.150	.048	.120	3.131	.002
Fortitude ***	.161	.050	.142	3.190	.001
Engagement ***	.359	.048	.334	7.454	.000
Married	.029	.139	.008	.209	.835
Divorced or Widow *	-.327	.174	-.071	-1.882	.060
Female	.071	.088	.022	.814	.416
Financial Pressure ***	-.446	.066	-.182	-6.716	.000
Household Income <10000	-.061	.129	-.013	-.472	.637
Household Income >40000	.045	.099	.013	.452	.652
Unemployed	-.102	.354	-.008	-.289	.773
Education Level ***	-.086	.026	-.094	-3.274	.001

Adjusted R Square	F-Statistics	N
.495	61.312 ***	738

***, ** and * indicate 1%, 5% and 10 % statistical significance

Education on Happiness for Age Below 50

Model	Unstandardized Coefficients		Standardized Coefficients		Sig.
	B	Std. Error	Beta	t	
(Constant)	.623	.101		6.190	.000
Love ***	.154	.011	.129	13.404	.000
Insight ***	.297	.016	.227	19.118	.000
Fortitude ***	.151	.015	.124	9.852	.000
Engagement ***	.330	.014	.284	23.258	.000
Married ***	.297	.033	.076	9.016	.000
Divorced or Widow ***	-.396	.095	-.033	-4.161	.000
Female ***	.285	.032	.072	8.926	.000
Financial Pressure ***	-.433	.023	-.153	-18.424	.000
Household Income <10000 ***	.209	.046	.038	4.567	.000
Household Income >40000 ***	-.102	.037	-.024	-2.724	.006
Unemployed ***	-.343	.094	-.029	-3.637	.000
Post Secondary or Higher ***	-.154	.032	-.041	-4.868	.000

Adjusted R Square	F-Statistics	N
.511	677.751 ***	7783

***, ** and * indicate 1%, 5% and 10% statistical significance

Education on Happiness for Age 50 or Above

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	1.438	.328		4.387	.000
Love ***	.188	.041	.162	4.595	.000
Insight ***	.145	.048	.116	3.022	.003
Fortitude ***	.156	.050	.137	3.097	.002
Engagement ***	.357	.048	.332	7.402	.000
Married	.050	.139	.013	.358	.720
Divorced or Widow *	-.289	.172	-.062	-1.675	.094
Female	.083	.087	.026	.946	.344
Financial Pressure ***	-.449	.066	-.184	-6.763	.000
Household Income <10000	-.035	.129	-.007	-.268	.789
Household Income >40000	.040	.099	.012	.402	.688
Unemployed	-.107	.354	-.008	-.302	.763
Post Secondary or Higher ***	-.290	.098	-.083	-2.975	.003

Adjusted R Square	F-Statistics	N
.494	61.004 ***	738

***, ** and * indicate 1%, 5% and 10% statistical significance

Education on Happiness for Age Below 50

Model	Unstandardized Coefficients		Standardized Coefficients		Sig.
	B	Std. Error	Beta	t	
(Constant)	.583	.100		5.840	.000
Love ***	.153	.011	.128	13.307	.000
Insight ***	.297	.016	.228	19.164	.000
Fortitude ***	.152	.015	.125	9.918	.000
Engagement ***	.330	.014	.284	23.211	.000
Married ***	.309	.033	.079	9.449	.000
Divorced or Widow ***	-.377	.095	-.032	-3.968	.000
Female ***	.285	.032	.072	8.923	.000
Financial Pressure ***	-.436	.024	-.154	-18.538	.000
Household Income <10000 ***	.216	.046	.039	4.724	.000
Household Income >40000 ***	-.105	.038	-.024	-2.787	.005
Unemployed ***	-.336	.094	-.028	-3.552	.000
University ***	-.130	.033	-.034	-3.964	.000

Adjusted R Square	F-Statistics	N
.510	676.394 ***	7783

***, ** and * indicate 1%, 5% and 10% statistical significance

Education on Happiness for Age 50 or Above

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	1.391	.329		4.233	.000
Love ***	.187	.041	.161	4.537	.000
Insight ***	.148	.048	.119	3.071	.002
Fortitude ***	.148	.051	.130	2.928	.004
Engagement ***	.360	.049	.334	7.394	.000
Married	.078	.139	.021	.563	.574
Divorced or Widow	-.260	.173	-.056	-1.504	.133
Female	.102	.088	.032	1.169	.243
Financial Pressure ***	-.447	.067	-.183	-6.705	.000
Household Income <10000	-.032	.130	-.007	-.248	.805
Household Income >40000	.005	.100	.001	.048	.962
Unemployed	-.096	.356	-.007	-.271	.787
University *	-.193	.114	-.047	-1.693	.091

Adjusted R Square	F-Statistics	N
.490	60.014 ***	738

***, ** and * indicate 1%, 5% and 10% statistical significance

Measuring the Marriage Premium on Happiness from Regression

以迴歸分析量度
婚姻對快樂的增值

Measuring Marriage Premium

量度婚姻的快樂增值

	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	1.008	.111		9.061	.000
Love ***	.157	.011	.132	14.306	.000
Insight ***	.286	.015	.221	19.372	.000
Fortitude ***	.154	.015	.127	10.576	.000
Engagement ***	.330	.014	.285	24.383	.000
Unemployed ***	-.318	.090	-.027	-3.520	.000
Household Income <10000 *	.079	.044	.014	1.787	.074
Household Income >40000	-.035	.035	-.008	-.979	.328
Financial Pressure ***	-.443	.022	-.159	-20.092	.000
Education Level ***	-.068	.010	-.057	-6.764	.000
Female ***	.259	.046	.066	5.645	.000
Female X Age 30-49 ***	-.156	.055	-.037	-2.836	.005
Female X 50 or Above	-.138	.189	-.016	-.730	.466
Male X Age 30-49	-.065	.072	-.013	-.905	.365
Male X 50 or Above	.120	.229	.013	.525	.600

Measuring Marriage Premium (con.)

量度婚姻的快樂增值

	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
Male X Married *	.213	.125	.041	1.706	.088
Male X Age 30-49 X Married	.014	.146	.002	.095	.924
Male X 50 or Above X Married	-.221	.269	-.021	-.823	.411
Female X Married ***	.810	.069	.186	11.769	.000
Female X Age 30-49 X Married ***	-.544	.091	-.106	-5.994	.000
Female X 50 or Above X Married ***	-.698	.214	-.065	-3.268	.001
Male X Divorced or Widower **	.905	.460	.044	1.970	.049
Male X Age 30-49 X Divorced or Widower **	-1.251	.507	-.045	-2.466	.014
Male X 50 or Above X Divorced or Widower **	-1.250	.573	-.036	-2.179	.029
Female X Divorced or Widow	-.082	.335	-.007	-.244	.807
Female X Age 30-49 X Divorced or Widow	-.297	.356	-.020	-.836	.403
Female X 50 or Above X Divorced or Widow	-.212	.410	-.011	-.518	.604

Adjusted R Square

.520

F-Statistics

356.111 ***

***, ** and * indicate 1%, 5% and 10% statistical significance

Age Generally Bring Unhappiness, after Controlling for LIFE scores, esp. for females

	Male	Female	Premium over male
Single	0	0.259	0.259
Age 30-49 & Single	-0.065	0.103	0.168
50 or Above & Single	0.12	0.121	0.001
Married (Below 30)	0.213	0.81	0.597
Age 30-49 & Married	0.227	0.266	0.039
50 or Above & Married	-0.008	0.112	0.12
Divorced or Widow	0.905	0.177	-0.728
Age 30-49 & Divorced or Widow	-0.346	-0.12	0.226
50 or Above & Divorced or Widow	-0.345	-0.035	0.31

By 50 Marriage Premium for Happiness Disappears

Marriage Premium Over Single	Male	Female	Female - Male
Below 30	0.213	0.810	0.597
Age 30-49	0.292	0.266	-0.026
50 or Above	-0.008	0.112	0.12

Females Suffer More from Broken Marriages

Divorced or Widow Discount over Married	Male	Female	Female - Male
Below 30	-0.692	0.892	1.584
Age 30-49	0.573	0.645	0.072
50 or Above	0.337	0.406	0.069

Happiness by Employment Status

Happiness by Employment Status

Employment status	Mean	Sample
Employed	7.0322	3758
Self employed	7.1883	494
Unemployed	5.9231	195
Given up looking for work	6.6000	20

Happiness by Occupation

Occupation	Mean	N
Private sector employee	6.9751	2493
Retired	7.6397	136
Tertiary education institutions	7.1938	129
Contract employee with the government	7.1194	134
Employee with a non-government service organization	6.9107	403
Employee with a statutory body	7.0169	236
Civil servant	7.3833	227
Student	6.9668	1446
Housewife/househusband	7.4806	387

Happiness Regression with Specific Employment Status

Employment Status and Happiness

Model	Unstandardized Coefficients		Standardized Coefficients		Sig.
	B	Std. Error	Beta	t	
(Constant)	1.115	.111		10.066	.000
Love	.157	.011	.131	14.254	.000
Insight	.291	.015	.225	19.722	.000
Fortitude	.151	.015	.124	10.359	.000
Engagement	.332	.014	.287	24.421	.000
Financial Pressure	-.438	.022	-.157	-19.720	.000
Age 30-49	-.274	.037	-.072	-7.368	.000
50 or Above	-.359	.061	-.054	-5.892	.000
Education Level	-.079	.010	-.065	-7.794	.000
Married	.391	.038	.102	10.305	.000
Divorced or Widowed	-.196	.082	-.020	-2.386	.017
Female	.248	.030	.063	8.150	.000
Household Income <10000	.123	.044	.022	2.807	.005
Household Income >40000	-.042	.035	-.010	-1.181	.237
Self Employed	-.183	.061	-.023	-2.993	.003
Student	-.091	.043	-.018	-2.091	.037
Housewife	-.068	.072	-.008	-.945	.345
Unemployed	-.356	.091	-.030	-3.896	.000

Adjusted R Square	F	Sig.
.517	538.451	.000

Employment Status Analysis

Employment Status Analysis (no control for LIFE scores)

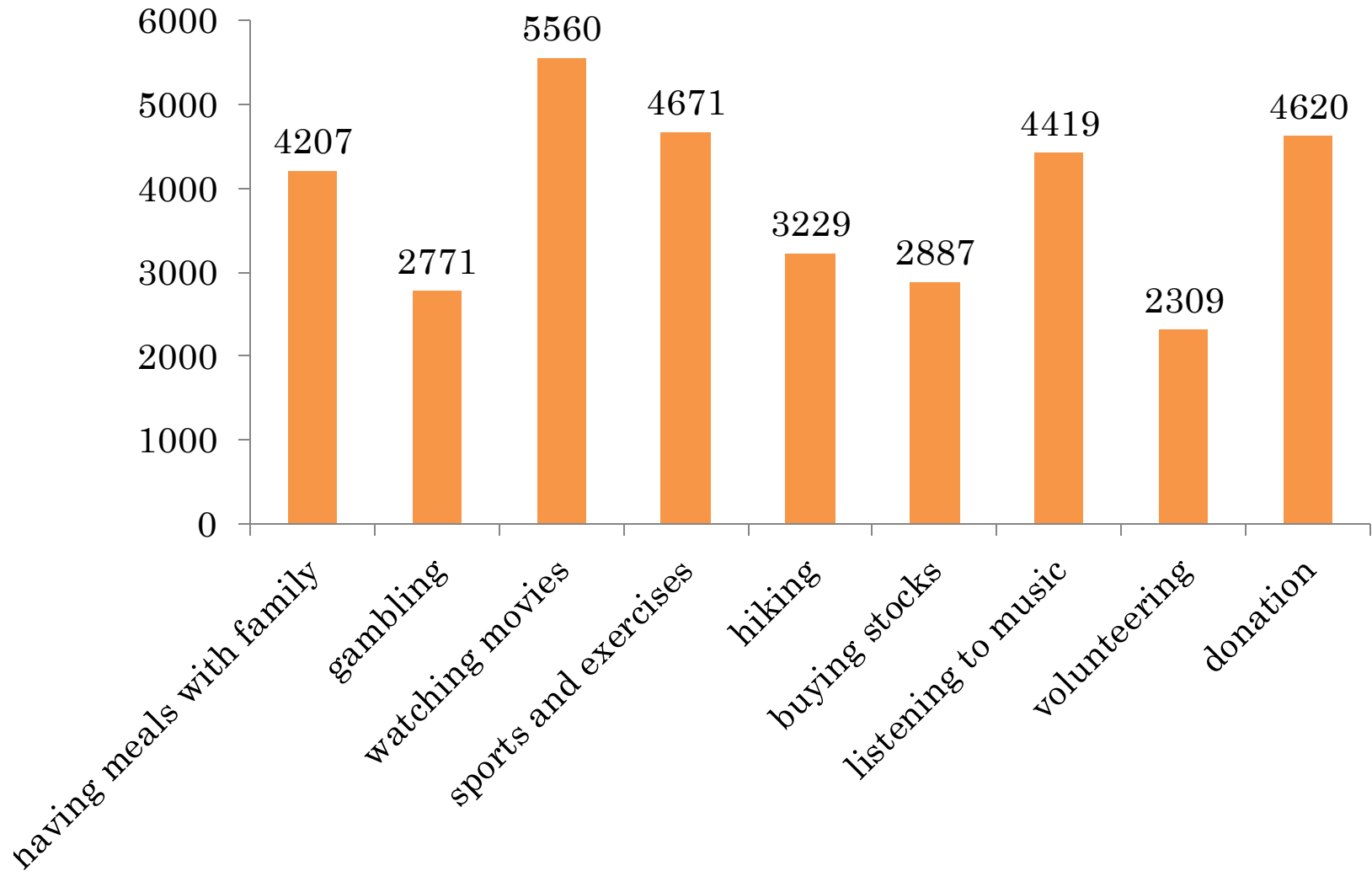
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	6.898	.094		73.109	.000
	Female	.231	.042	.059	5.462	.000
	Age 30-49	-.153	.052	-.040	-2.957	.003
	50 or Above	.121	.089	.018	1.364	.173
	Married	.804	.052	.210	15.333	.000
	Divorced or Widowed	-.062	.115	-.006	-.541	.589
	Education Level	-.053	.014	-.044	-3.777	.000
	Household Income <10000	.126	.061	.023	2.046	.041
	Household Income >40000	.300	.049	.071	6.138	.000
	Unemployed	-1.041	.133	-.083	-7.811	.000
	Given up looking for jobs	-.516	.406	-.013	-1.270	.204
	Self Employed	.019	.086	.002	.217	.828
	Student	.128	.062	.026	2.083	.037
	Housewife	-.160	.101	-.018	-1.593	.111
	Retired	.063	.171	.004	.369	.712
	Tertiary education institutions	.322	.163	.021	1.980	.048
	Contract employee of the government	.106	.159	.007	.669	.503
	Non governmental organization	-.157	.094	-.018	-1.657	.097
	Statutory body	-.055	.121	-.005	-.458	.647
	Civil servant	.197	.124	.017	1.591	.112

Employment Status Analysis

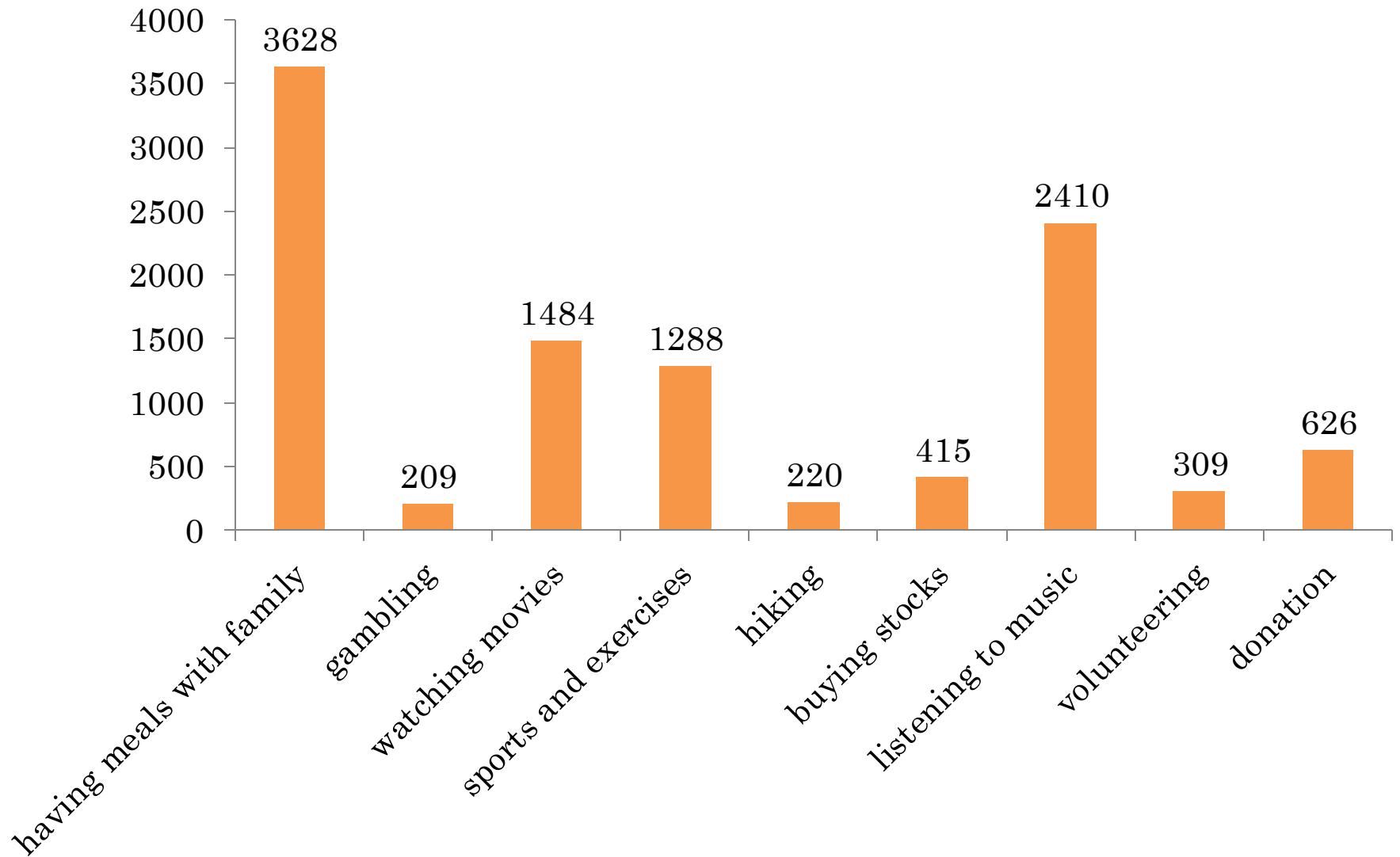
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.292	.106		2.757	.006
	Love	.165	.011	.138	14.681	.000
	Insight	.316	.015	.243	20.983	.000
	Fortitude	.144	.015	.118	9.660	.000
	Engagement	.351	.014	.303	25.348	.000
	Female	.284	.031	.073	9.103	.000
	Age 30-49	-.248	.038	-.066	-6.537	.000
	50 or Above	-.231	.065	-.035	-3.547	.000
	Married	.382	.039	.100	9.831	.000
	Divorced or Widow	-.229	.084	-.023	-2.722	.007
	Education Level	-.073	.010	-.060	-7.013	.000
	Household Income <10000	.089	.045	.016	1.971	.049
	Household Income >40000	.054	.036	.013	1.513	.130
	Unemployed	-.582	.098	-.047	-5.957	.000
	Given up looking for jobs	.813	.298	.021	2.729	.006
	Self Employed	-.267	.063	-.033	-4.243	.000
	Student	-.034	.045	-.007	-.747	.455
	Housewife	-.064	.074	-.007	-.863	.388
	Retired	.073	.125	.005	.582	.561
	Tertiary education institutions	-.061	.119	-.004	-.510	.610
	Contract employee of the government	.054	.116	.004	.469	.639
	Non governmental organization	-.139	.069	-.016	-2.007	.045
	Statutory body	-.022	.088	-.002	-.245	.806
	Civil servant	.259	.091	.022	2.857	.004

Frequency of Participation In Different Activities

Frequency of Participation In Different Activities (“Yes”)

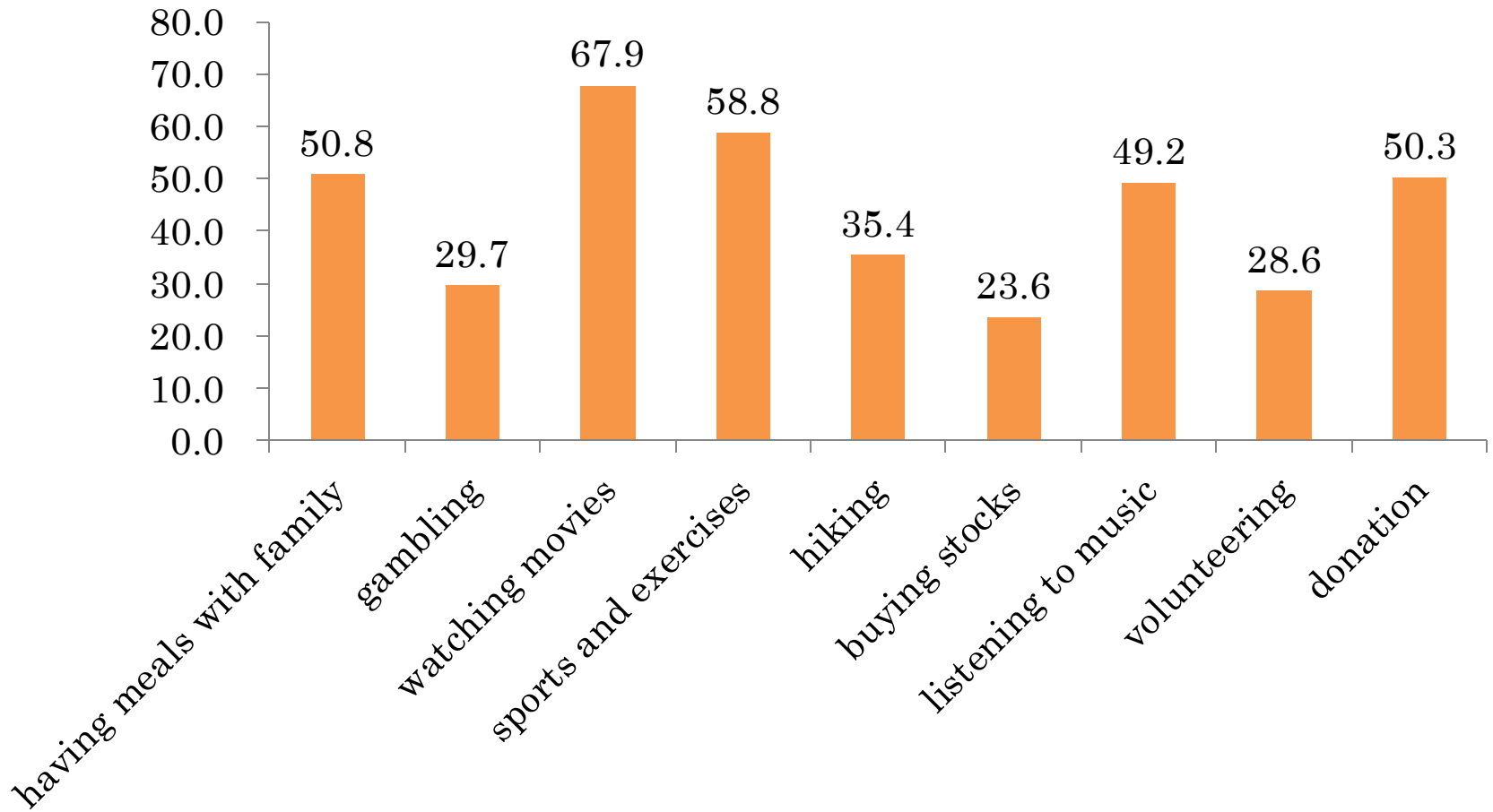


Frequency of Participation In Different Activities ("Often")

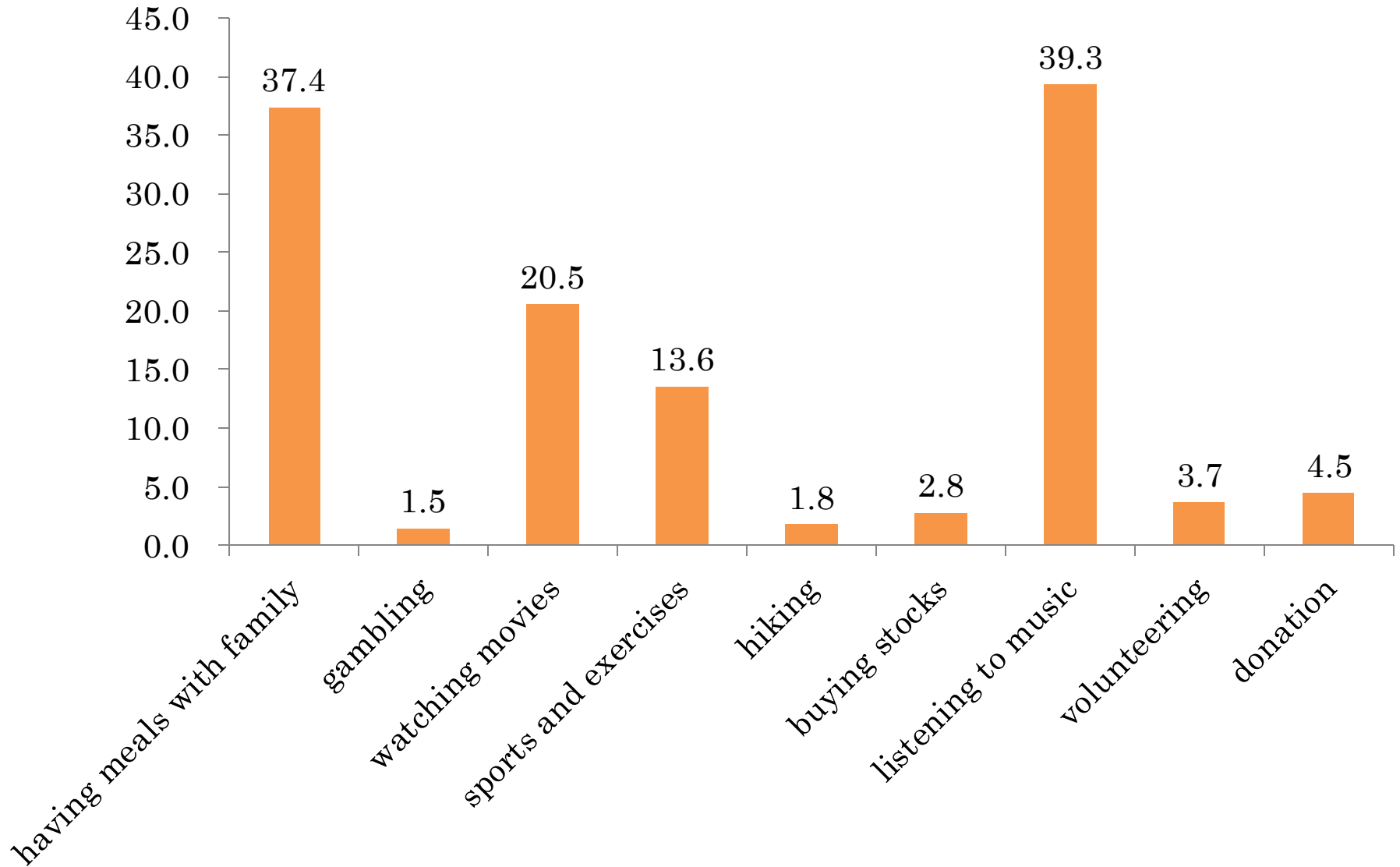


Frequency of Participation
In Different Activities by
Age Groups

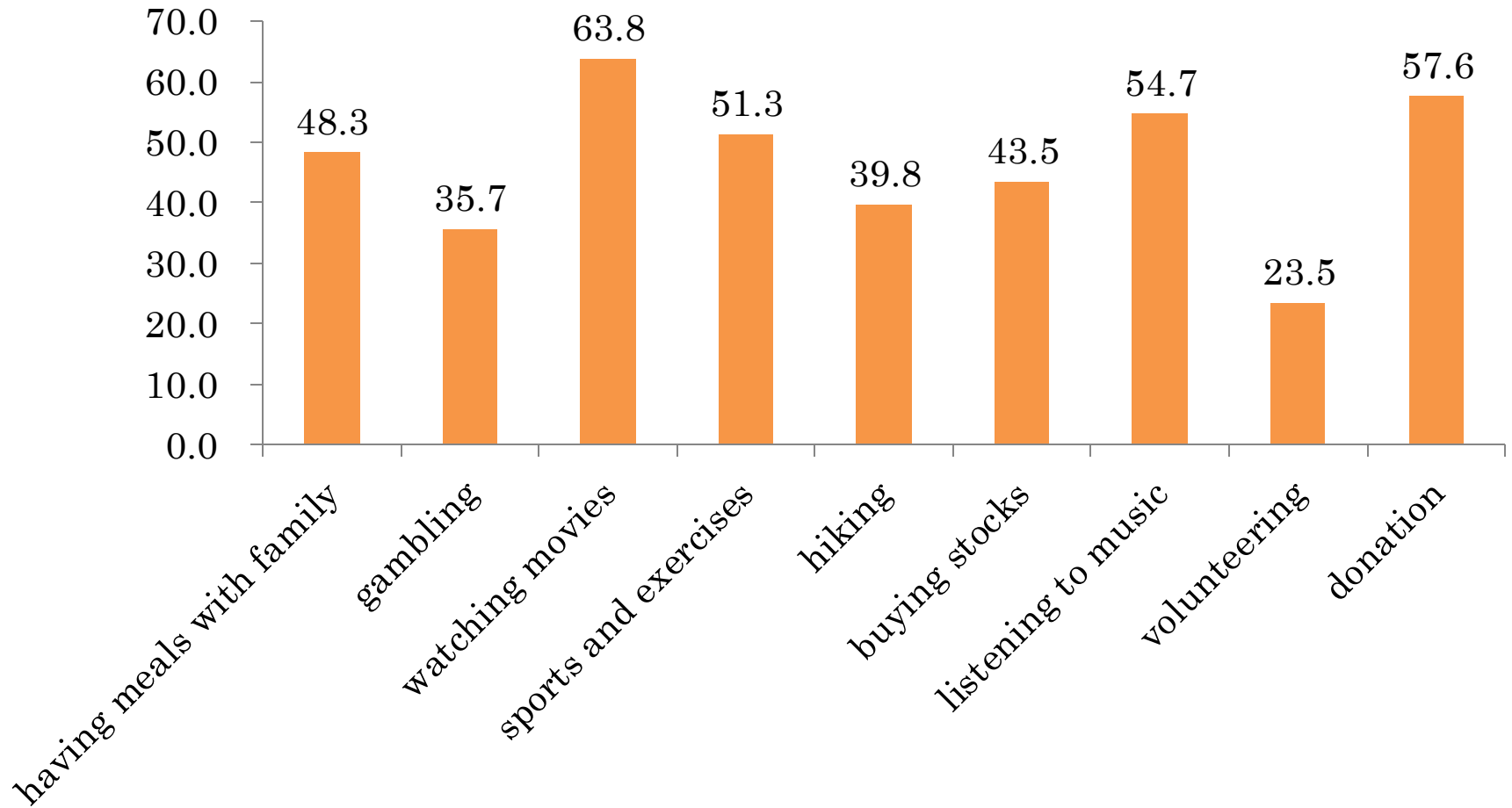
Participation in Activities for Those Aged Below 30 by Percentage(“Yes”)



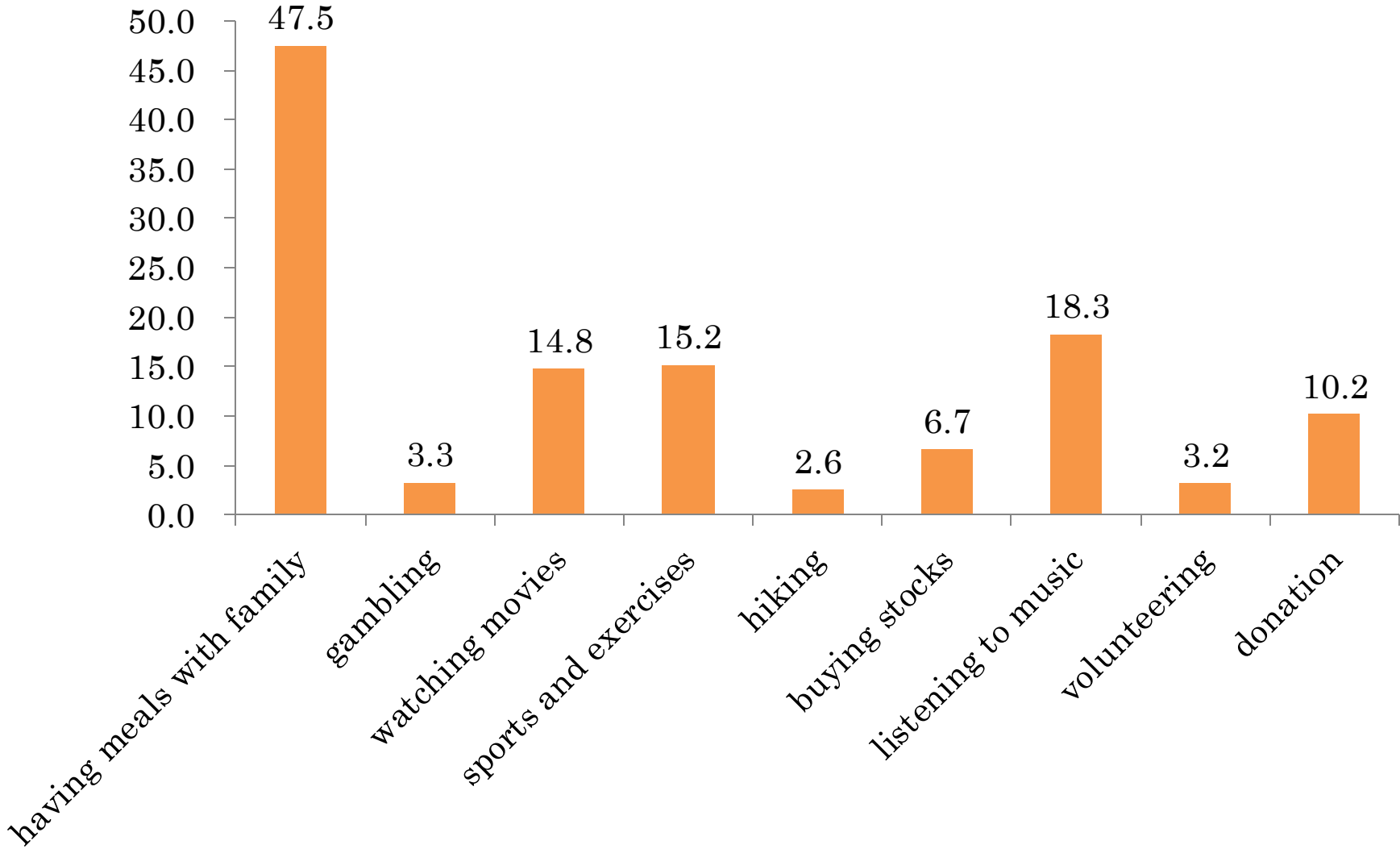
Participation in Activities for Those Aged Below 30 by Percentage (“Often”)



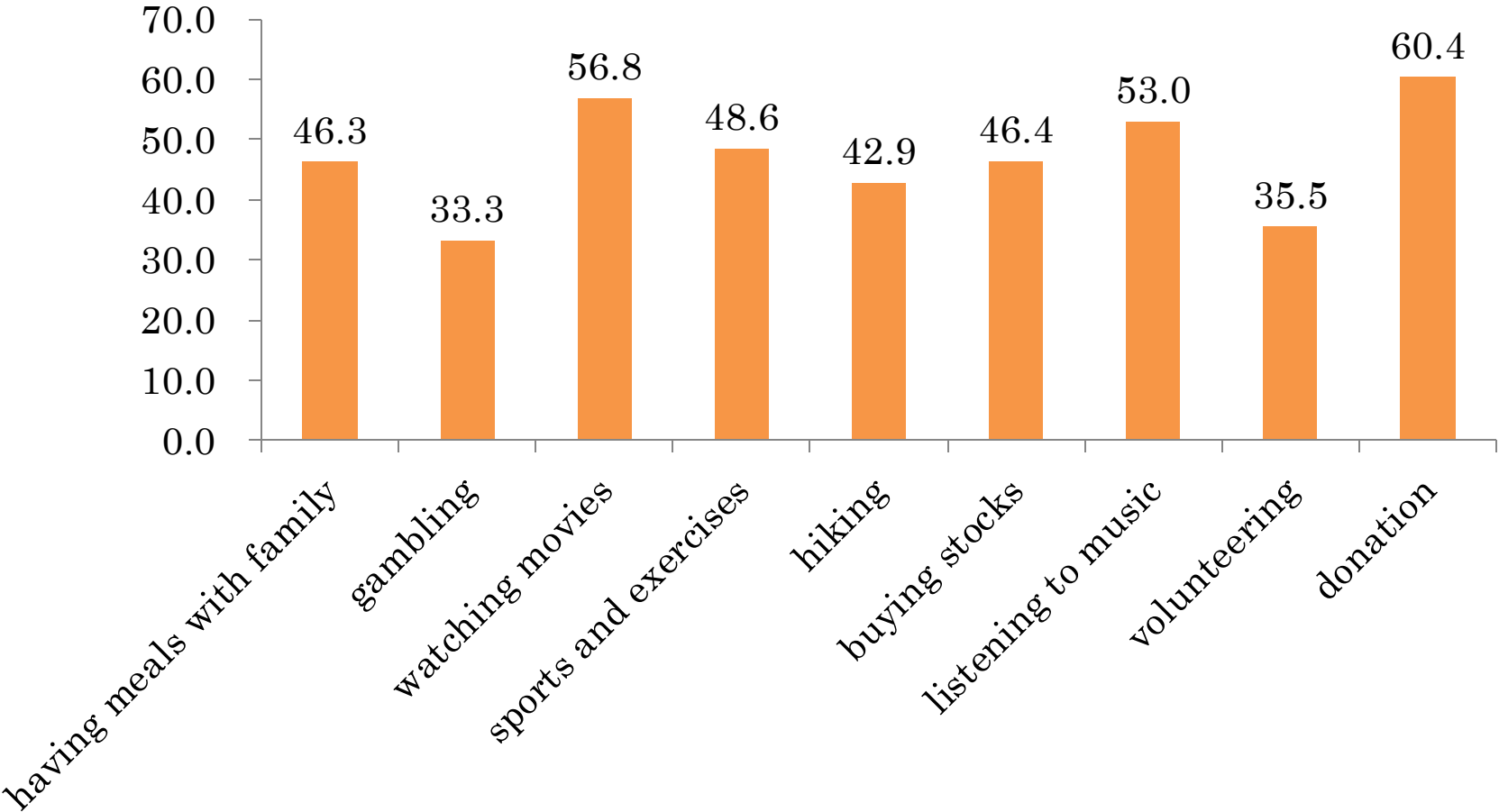
Participation in Different Activities for those Aged 30-49 by percentage(“YES”)



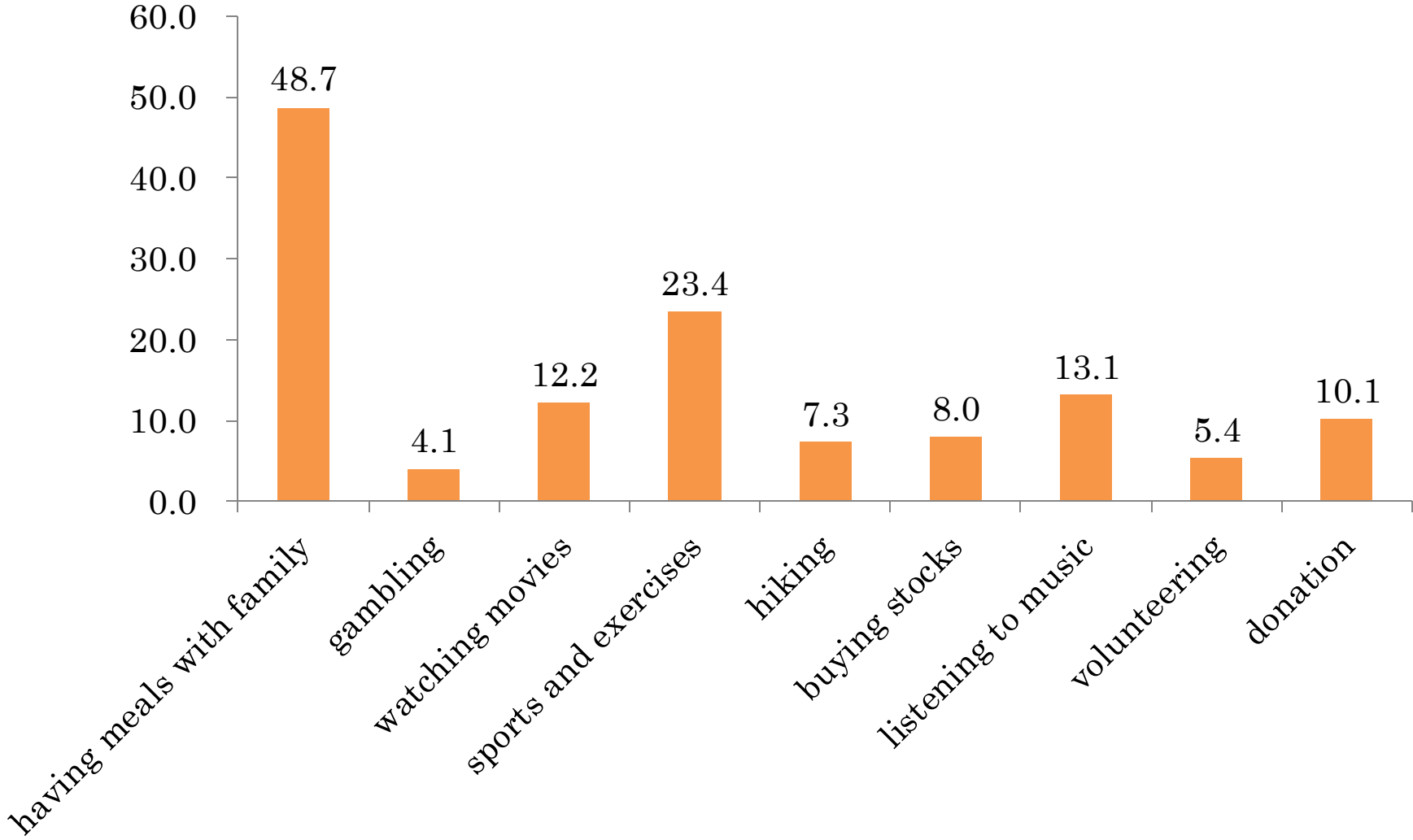
Participation in Different Activities for those Aged 30-49 by percentage("OFTEN")



Participation in Different Activities for those Aged 50+ by percentage(“YES”)

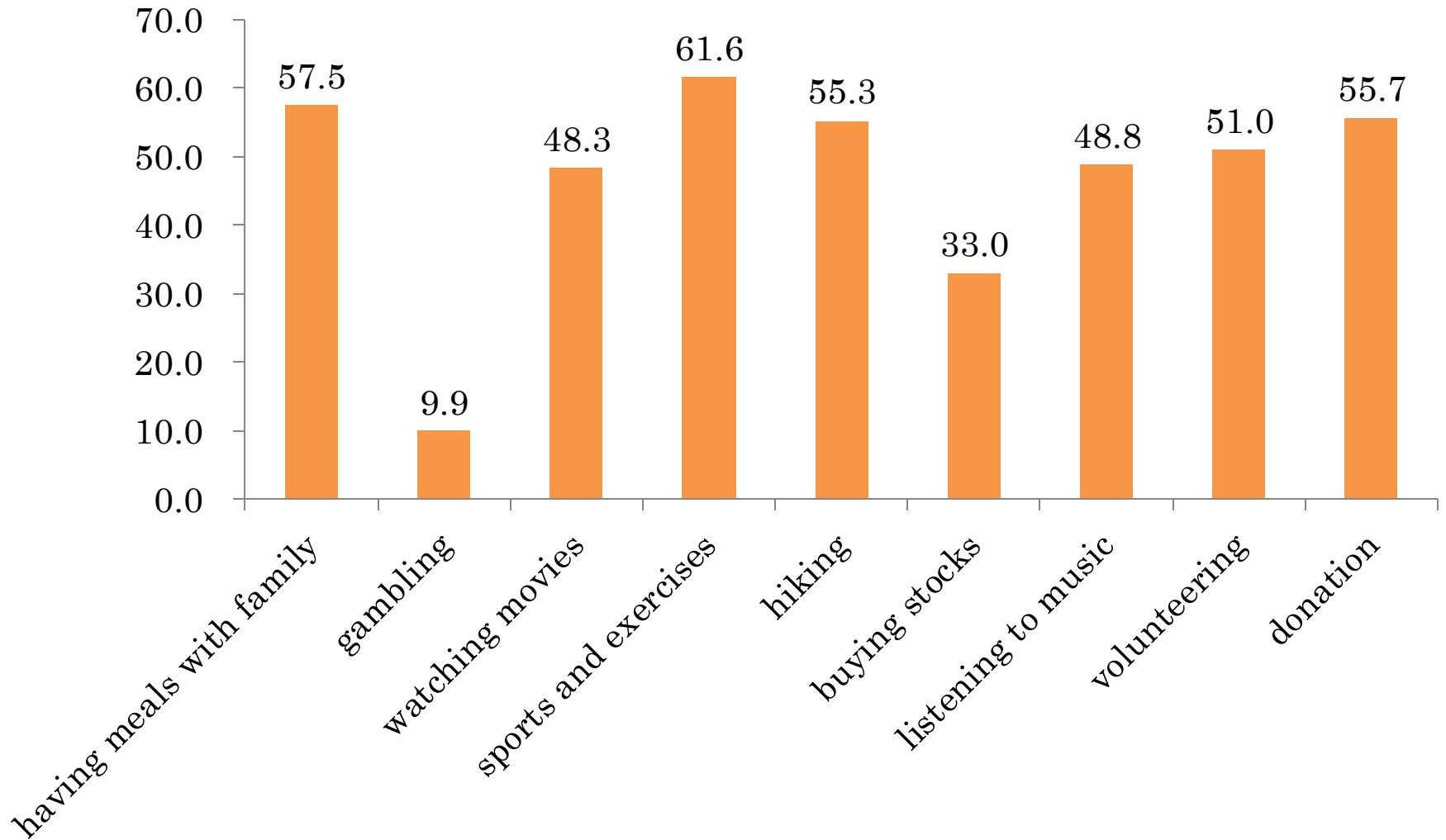


Participation in Different Activities for those Aged 50+ by percentage("OFTEN")

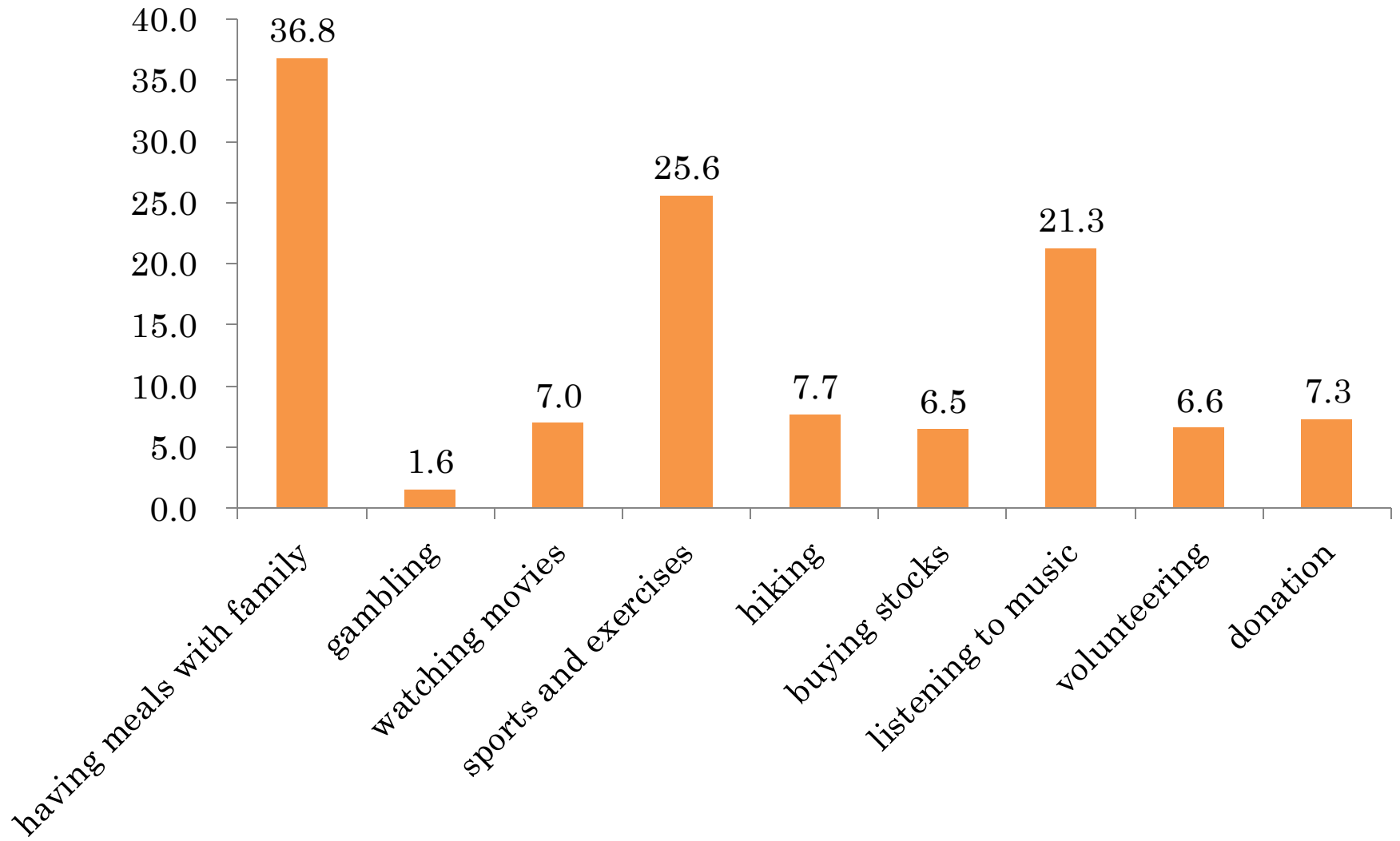


Importance of Participation in Different Activities

Percentages of Activities Rated as “important”

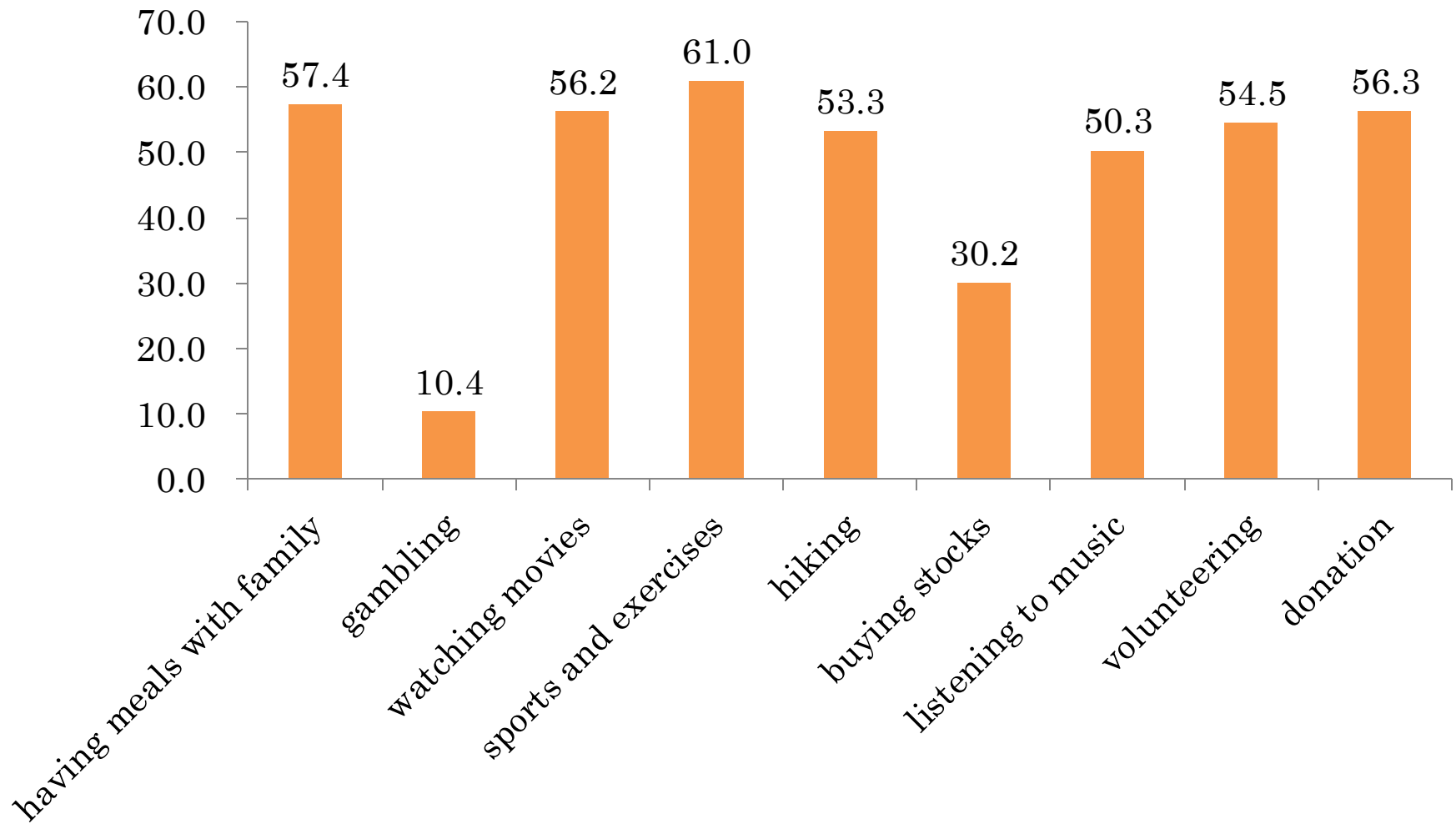


Percentages of Activities Rated as “Very Important”

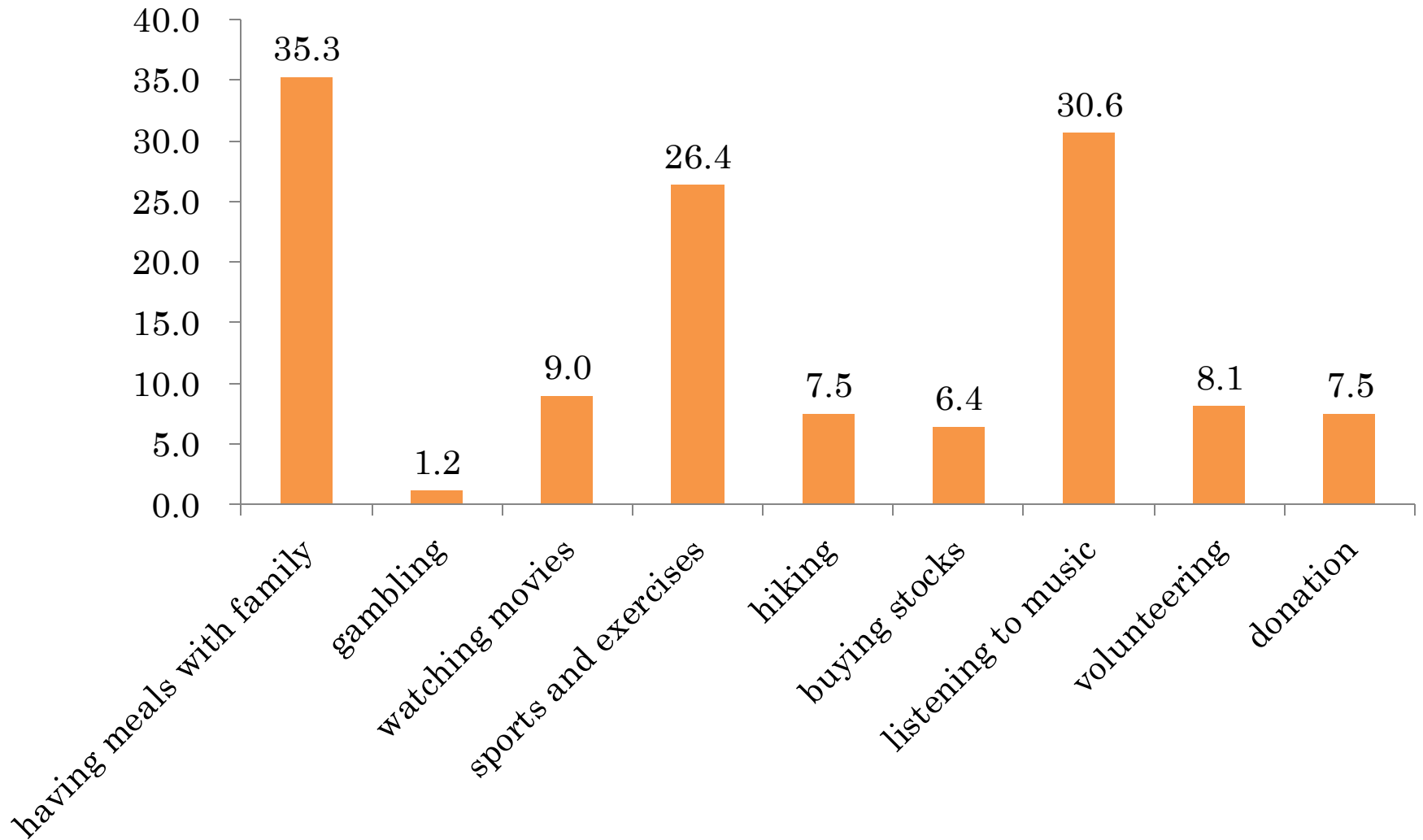


Importance of
Participation in
Different Activities by
Age Group

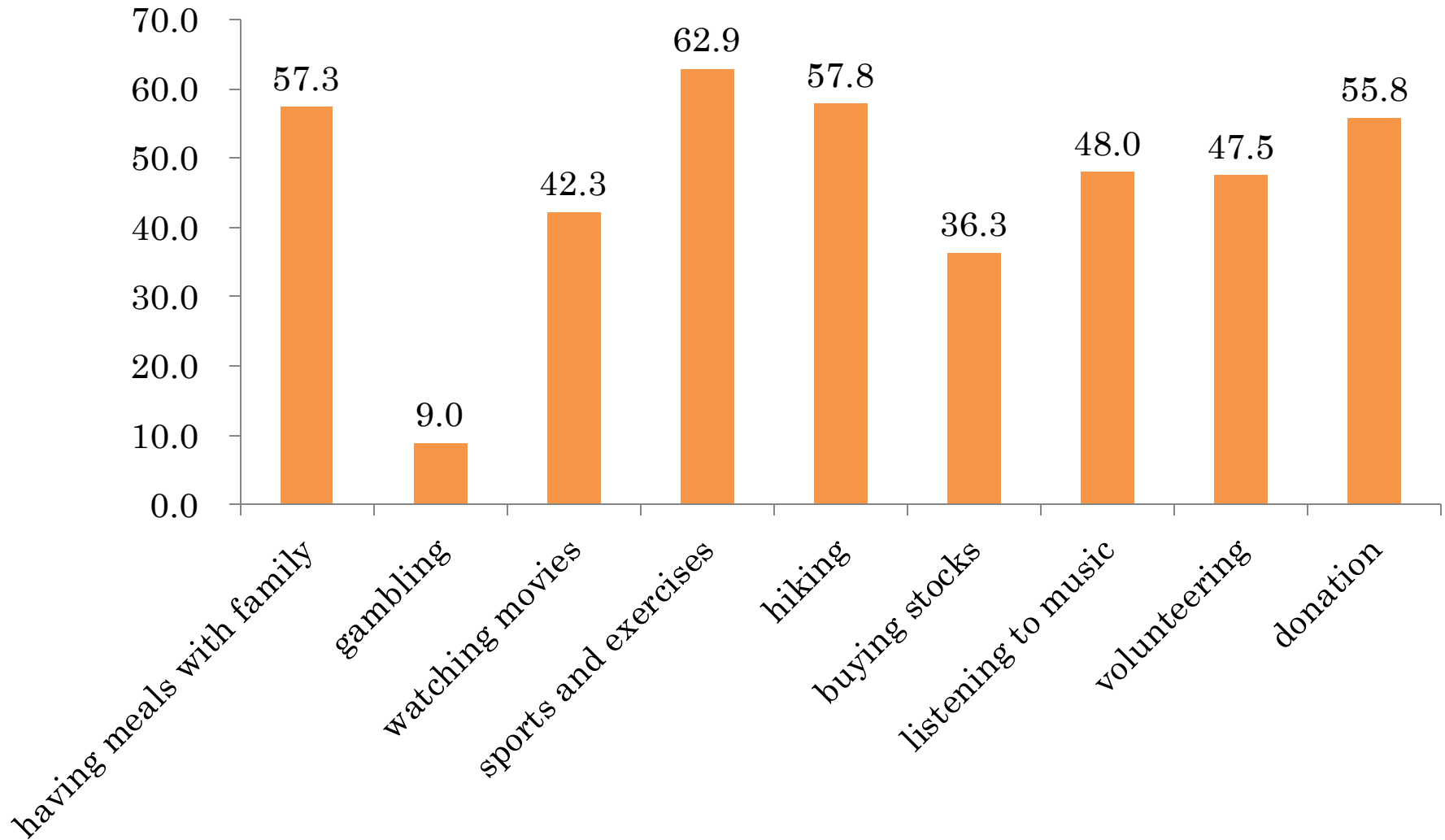
Percentages of Activities Rated as “important” for Aged Below 30



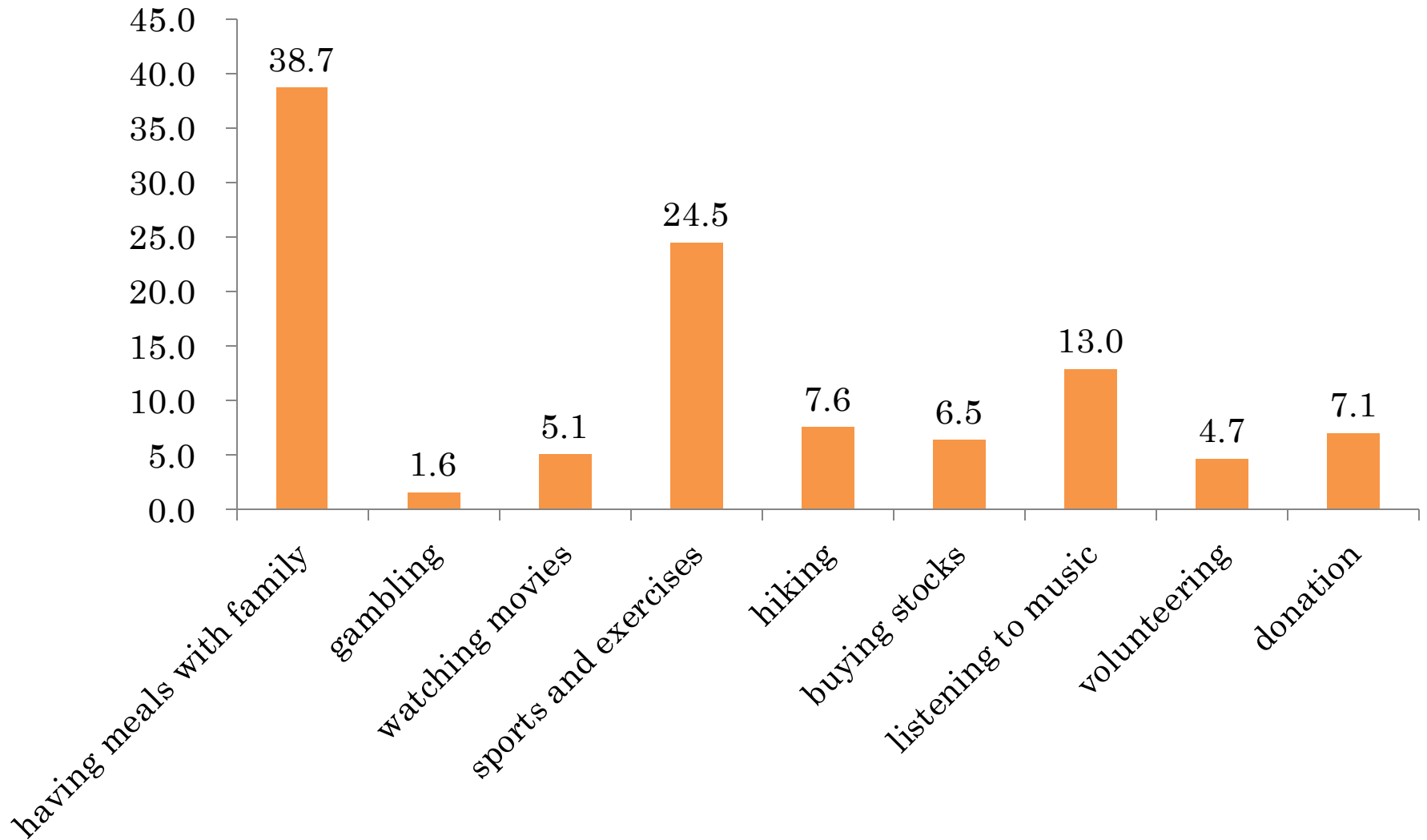
Percentages of Activities Rated as “Very Important” by those Aged Below 30



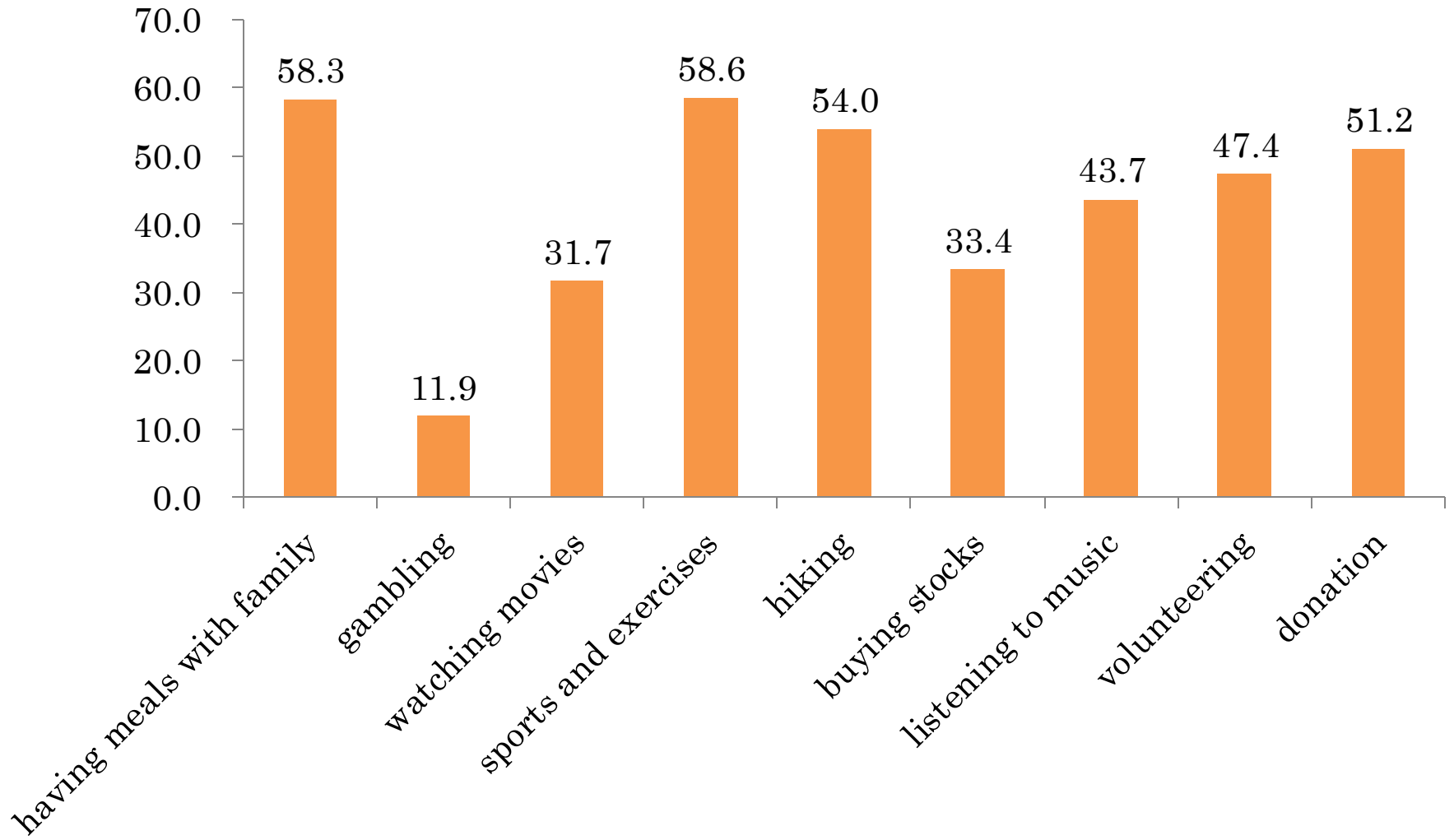
Percentages of Activities Rated as “Important” for Aged 30-49



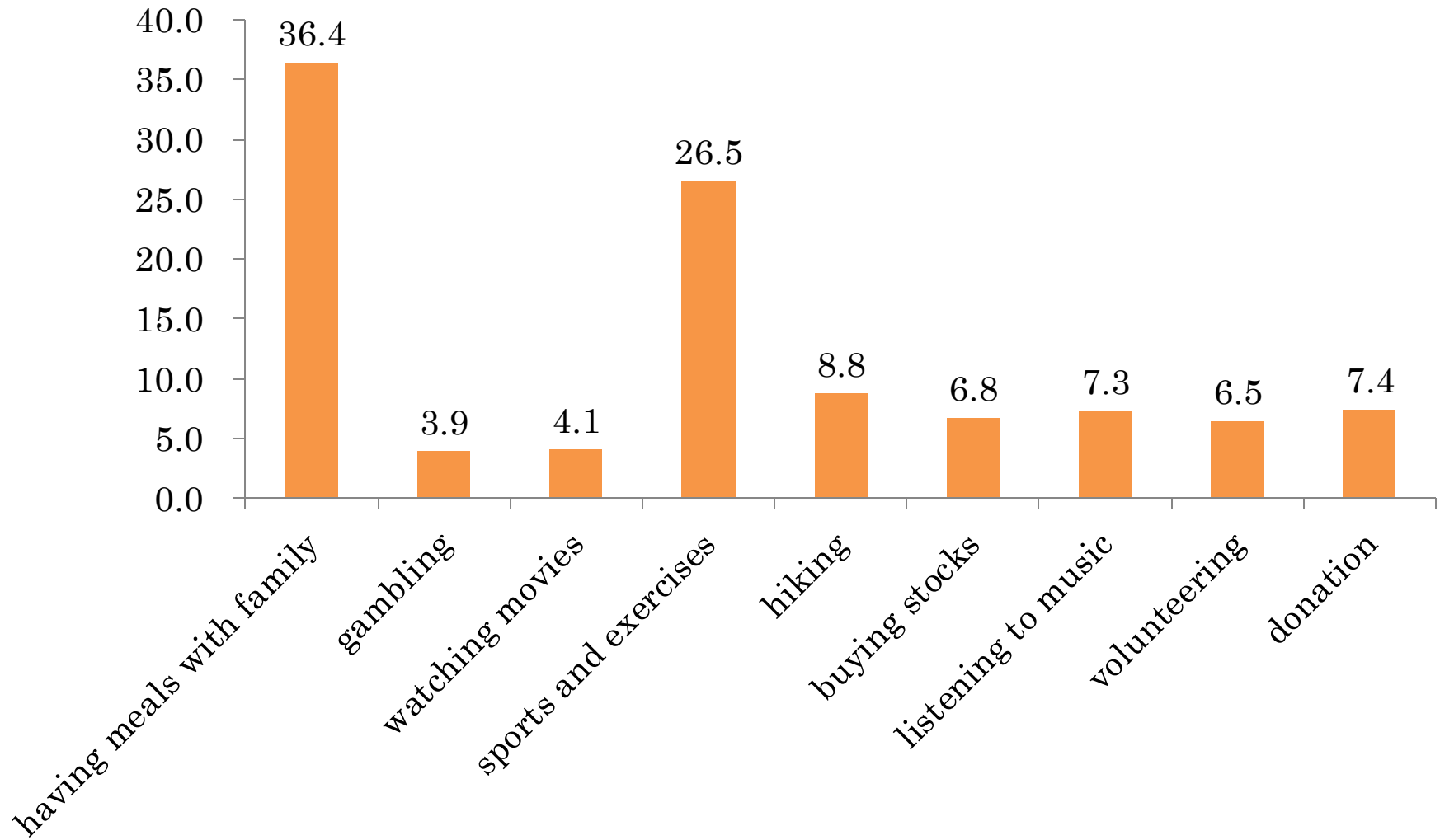
Percentages of Activities Rated as “Very Important” for Aged 30-49



Percentages of Activities Rated as “Important” for Aged 50+



Percentages of Activities Rated as “Very Important” for Aged 50+



END

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