

### Supplementary Materials:

**Table S1.** Effects of different sample demographic characteristics on visual preferences for different types of modern residential entry space facades

Demogr aphic characte ristics	Item	Favorite types of modern residential entry space facades									X <sup>2</sup>	P
		A	B	C	D	E	F	G	H	I		
Gender( %)	Male	18(1 0.00 )	25(1 3.89 )	51(2 8.33 )	41(2 2.78)	8(4. 44)	22(1 2.22 )	7(3. 89)	5(2. 78)	3(1. 67)	33. 780	0.0 00* *
Age range(%)	Female	18(9 .73)	31(1 6.76 )	20(1 0.81 )	66(3 5.68)	3(1. 62)	15(8 .11)	23(1 2.43 )	8(4. 32)	1(0. 54)	105 .64 2	0.0 00* *
	18-30 years old	16(1 3.45 )	29(2 4.37 )	35(2 9.41 )	25(2 1.01)	5(4. 20)	2(1. 68)	5(4. 20)	0(0. 00)	2(1. 68)		
	31-40 years old	9(7. 38)	7(5. 74)	24(1 9.67 )	47(3 8.52)	2(1. 64)	9(7. 38)	17(1 3.93 )	6(4. 92)	1(0. 82)		
	41-60 years old	10(1 1.36 )	8(9. 09)	12(1 3.64 )	30(3 4.09)	3(3. 41)	13(1 4.77 )	7(7. 95)	4(4. 55)	1(1. 14)		
	Over 61 years old	1(2. 78)	12(3 3.33 )	0(0. 00)	5(13. 89)	1(2. 78)	13(3 6.11 )	1(2. 78)	3(8. 33)	0(0. 00)		
	Below high school	18(2 5.71 )	7(10 .00)	10(1 4.29 )	12(1 7.14)	1(1. 43)	14(2 0.00 )	8(11 .43)	0(0. 00)	0(0. 00)		
	High school	6(9. 23)	11(1 6.92 )	12(1 8.46 )	20(3 0.77)	2(3. 08)	8(12 .31)	2(3. 08)	2(3. 08)	2(3. 08)		
	Specialty	4(3. 48)	14(1 2.17 )	21(1 8.26 )	41(3 5.65)	2(1. 74)	11(9 .57)	17(1 4.78 )	4(3. 48)	1(0. 87)		
Under gradu ate	5(5. 21)	24(2 5.00 )	27(2 8.13 )	28(2 9.17)	6(6. 25)	0(0. 00)	3(3. 13)	2(2. 08)	1(1. 04)			
Postgr aduat e or above	3(15 .79)	0(0. 00)	1(5. 26)	6(31. 58)	0(0. 00)	4(21 .05)	0(0. 00)	5(2 6.3 2)	0(0. 00)			

	Admi nistrat ion	0(0. 00)	0(0. 00)	0(0. 00)	0(0.0 0)	0(0. 00)	3(60 .00)	2(40 .00)	0(0. 00)	0(0. 00)		
	Institu tion Unit	0(0. 00)	12(3 0.77 )	2(5. 13)	13(3 3.33)	5(1 2.8 2)	1(2. 56)	0(0. 00)	6(1 5.3 8)	0(0. 00)		
	Comp any	23(1 0.27 )	20(8 .93)	68(3 0.36 )	70(3 1.25)	4(1. 79)	11(4 .91)	21(9 .38)	5(2. 23)	2(0. 89)		
Career( %)	Freela nce	0(0. 00)	0(0. 00)	0(0. 00)	4(80. 00)	0(0. 00)	0(0. 00)	0(0. 00)	0(0. 00)	1(2 0.0 0)	232 .05 3	0.0 00* *
	Stude nts	9(24 .32)	16(4 3.24 )	1(2. 70)	5(13. 51)	0(0. 00)	1(2. 70)	4(10 .81)	0(0. 00)	1(2. 70)		
	Retire ment	4(7. 41)	8(14 .81)	0(0. 00)	15(2 7.78)	2(3. 70)	21(3 8.89 )	2(3. 70)	2(3. 70)	0(0. 00)		
	Other s	0(0. 00)	0(0. 00)	0(0. 00)	0(0.0 0)	0(0. 00)	0(0. 00)	1(10 0.00 )	0(0. 00)	0(0. 00)		
	None	33(1 0.06 )	56(1 7.07 )	71(2 1.65 )	102( 31.10 )	10( 3.0 5)	9(2. 74)	30(9 .15)	13( 3.9 6)	4(1. 22)		
Religion (%)	Budd hism	2(7. 41)	0(0. 00)	0(0. 00)	1(3.7 0)	1(3. 70)	23(8 5.19 )	0(0. 00)	0(0. 00)	0(0. 00)	215 .61 3	0.0 00* *
	Taois m	0(0. 00)	0(0. 00)	0(0. 00)	1(25. 00)	0(0. 00)	3(75 .00)	0(0. 00)	0(0. 00)	0(0. 00)		
	Christ ianity	1(16 .67)	0(0. 00)	0(0. 00)	3(50. 00)	0(0. 00)	2(33 .33)	0(0. 00)	0(0. 00)	0(0. 00)		
	Under 30, 000 RMB	4(11 .43)	23(6 5.71 )	1(2. 86)	2(5.7 1)	0(0. 00)	0(0. 00)	4(11 .43)	0(0. 00)	1(2. 86)		
Annual income( %)	30, 000 - 50, 000 RMB	15(4 0.54 )	0(0. 00)	0(0. 00)	6(16. 22)	3(8. 11)	8(21 .62)	4(10 .81)	0(0. 00)	1(2. 70)	210 .34 5	0.0 00* *
	50, 000 - 100, 000 RMB	15(8 .11)	16(8 .65)	45(2 4.32 )	71(3 8.38)	0(0. 00)	24(1 2.97 )	10(5 .41)	3(1. 62)	1(0. 54)		

	000 RMB 100, 000 - 200, 000 RMB	1(1. 03)	11(1 1.34 )	24(2 4.74 )	26(2 6.80)	8(8. 25)	5(5. 15)	12(1 2.37 )	9(9. 28)	1(1. 03)		
	More than 200, 000 RMB	1(9. 09)	6(54 .55)	1(9. 09)	2(18. 18)	0(0. 00)	0(0. 00)	0(0. 00)	1(9. 09)	0(0. 00)		
	Half to 1 year	0(0. 00)	5(62 .50)	1(12 .50)	2(25. 00)	0(0. 00)	0(0. 00)	0(0. 00)	0(0. 00)	0(0. 00)		
Length of residenc e(%)	1-3 years	11(2 1.15 )	0(0. 00)	13(2 5.00 )	15(2 8.85)	5(9. 62)	5(9. 62)	2(3. 85)	1(1. 92)	0(0. 00)	148	0.0
	3-10 years	1(0. 81)	14(1 1.29 )	53(4 2.74 )	41(3 3.06)	3(2. 42)	8(6. 45)	1(0. 81)	1(0. 81)	2(1. 61)	.90 1	00* *
	Over 10 years	24(1 3.26 )	37(2 0.44 )	4(2. 21)	49(2 7.07)	3(1. 66)	24(1 3.26 )	27(1 4.92 )	11( 6.0 8)	2(1. 10)		

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ , A represents Animal type, B represents Plant type, C represents Geometric type, D represents Artifact type, E represents Figure type, F represents Exorcism type, G represents Chinese character type, H represents Combination type, I represents Facade without traditional patterns.

**Table S2:** Effects of different sample demographic characteristics on emotional responses to different types of modern residential entry space facades

**Table S2-1.** Effects of gender on emotional responses to different types of modern residential entry space facades

	Gender( $\bar{X} \pm SD$ )		F	p
	Male(n=180)	Female(n=185)		
Animal type- calm	1.27±0.78	1.49±0.79	6.791	0.010**
Animal type- pleasant	2.57±0.76	2.75±0.78	4.690	0.031*
Animal type- safe	2.52±0.81	2.78±0.78	9.911	0.002**
Plant type- pleasant	1.26±0.77	1.49±0.85	7.040	0.008**
Plant type- interesting	2.14±0.78	2.34±0.81	5.591	0.019*
Geometric type- calm	3.11±0.77	2.86±0.99	7.330	0.007**
Geometric type- interesting	1.90±0.76	1.63±0.83	10.754	0.001**

	Gender( $\bar{X}\pm SD$ )		F	p
	Male(n=180)	Female(n=185)		
Artifact type- calm	2.14±0.73	2.32±0.78	5.182	0.023*
Artifact type- calm	3.26±1.09	3.49±0.85	5.308	0.022*
Exorcism type- safe	2.37±1.41	2.84±1.33	10.540	0.001**
Chinese character type- calm	1.34±0.72	1.57±0.79	8.002	0.005**
Chinese character type- interesting	2.18±0.68	2.34±0.71	4.637	0.032*

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ .

**Table S2-2.** Influence of age range on emotional responses to different types of modern residential entry space facades

	Age range( $\bar{X}\pm SD$ )				F	p
	18-30 years old(n=119)	31-40 years old(n=122)	41-60 years old(n=88)	Over 61 years old(n=36)		
Animal type-pleasant	2.55±0.90	2.60±0.75	2.93±0.50	2.58±0.81	5.064	0.002**
Animal type- safe	2.51±0.89	2.58±0.79	2.92±0.57	2.67±0.89	4.932	0.002**
Animal type-interesting	3.08±1.07	3.20±0.88	3.76±0.61	3.22±1.02	10.466	0.000**
Geometric type- safe	0.52±0.83	0.48±0.99	0.94±1.05	0.78±0.93	5.057	0.002**
Artifact type- calm	2.10±0.83	2.19±0.74	2.42±0.72	2.39±0.55	3.717	0.012*
Artifact type-interesting	2.59±0.85	2.41±0.85	2.66±0.66	2.75±0.55	2.729	0.044*
Figure type- safe	1.80±0.73	1.76±0.80	1.93±0.69	2.17±0.88	3.123	0.026*
Figure type-interesting	1.36±0.76	1.34±0.86	1.64±0.75	1.56±0.84	3.102	0.027*
Exorcism type- calm	1.36±0.79	1.33±0.72	1.63±0.72	1.56±0.88	3.325	0.020*
Exorcism type-pleasant	1.41±0.88	1.28±0.73	1.64±0.87	1.42±0.81	3.231	0.023*
Exorcism type- safe	2.43±1.42	2.25±1.40	3.25±1.15	2.86±1.22	10.937	0.000**
Chinese character type- calm	1.42±0.75	1.34±0.74	1.72±0.71	1.33±0.86	4.852	0.003**
Chinese character type- pleasant	3.02±0.78	2.99±0.82	3.33±0.74	2.89±0.71	4.522	0.004**
Chinese character type- interesting	2.24±0.71	2.23±0.69	2.44±0.69	2.00±0.63	3.840	0.010**
Combination type-calm	1.95±0.79	2.11±0.76	2.41±0.74	1.89±0.85	7.044	0.000**
Combination type-pleasant	1.68±0.75	1.83±0.79	2.08±0.76	1.56±0.69	6.201	0.000**
Combination type-safe	1.17±0.86	1.36±0.79	1.58±0.83	1.22±0.83	4.451	0.004**

	Age range( $\bar{X}\pm SD$ )				F	p
	18-30 years old(n=119)	31-40 years old(n=122)	41-60 years old(n=88)	Over 61 years old(n=36)		
Combination type- interesting	1.28±0.81	1.23±0.68	1.69±0.78	1.11±0.52	9.107	0.000**

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ .

**Table S2-3.** Influence of education level on emotional responses to different types of modern residential entry space facades

	Education level( $\bar{X}\pm SD$ )					F	p
	Below high school(n=70)	High school(n=65)	Specialty(n=115)	Undergraduate(n=96)	Postgraduate (n=19)		
Geometric type- calm	2.71±0.84	3.23±0.75	2.93±0.97	3.11±0.82	2.79±1.18	3.770	0.005*
Geometric type- safe	0.29±0.59	0.71±0.84	0.74±1.12	0.65±0.96	0.95±1.27	3.283	0.012*
Combination type- pleasant	1.67±0.61	1.89±0.75	1.86±0.90	1.72±0.71	2.26±0.81	2.870	0.023*
Combination type- safe	1.21±0.72	1.37±0.74	1.32±0.90	1.30±0.84	1.95±0.97	3.038	0.017*
Combination type- interesting	1.09±0.56	1.42±0.73	1.45±0.88	1.31±0.70	1.58±0.84	3.321	0.011*

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ .

**Table S2-4.** Influence of career on emotional responses to different types of modern residential entry space facades

	Career( $\bar{X}\pm SD$ )							F	p
	Administration (n=5)	Institution Unit(n=39)	Company(n=224)	Freelance(n=5)	Students(n=37)	Retirement(n=54)	Others(n=1)		
Animal type-interesting	3.60±0.55	3.56±0.82	3.27±0.94	3.40±0.55	2.86±1.18	3.48±0.82	4.00±0.1	2.451	0.025*
Geometric type-calm	2.80±0.84	3.05±0.83	2.86±0.90	3.00±1.22	3.27±0.77	3.26±0.89	4.00±0.1	2.582	0.018*
Geometric type-safe	0.20±0.45	0.77±0.90	0.49±0.91	0.60±0.89	0.68±0.91	1.11±1.16	2.00±0.1	3.811	0.001**

	Career( $\bar{X} \pm SD$ )							F	P
	Administration (n=5)	Institution Unit(n=39)	Company(n=224)	Freelance(n=5)	Students(n=37)	Retirement(n=54)	Others(n=1)		
Artifact type-calm	2.00±0.71	2.18±0.82	2.15±0.76	2.20±0.84	2.30±0.81	2.59±0.57	3.00±0.1	2.85	0.010**
Figure type-calm	2.00±1.87	1.51±0.85	1.22±0.73	1.20±0.45	1.41±0.83	1.63±0.81	2.00±0.1	3.21	0.004**
Figure type-pleasant	1.20±1.64	1.54±0.91	1.30±0.77	1.60±0.55	1.57±0.83	1.74±0.81	2.00±0.1	2.76	0.012*
Figure type-interesting	1.80±1.64	1.44±0.85	1.35±0.78	2.20±0.84	1.41±0.80	1.70±0.69	2.00±0.1	2.46	0.024*
Exorcism type-calm	1.00±0.00	1.36±0.74	1.34±0.72	1.60±1.14	1.54±0.84	1.81±0.80	2.00±0.1	3.51	0.002**
Exorcism type-pleasant	1.00±0.00	1.36±0.81	1.34±0.79	1.20±0.84	1.51±0.96	1.80±0.88	2.00±0.1	2.74	0.013*
Exorcism type-safe	2.00±1.41	2.77±1.42	2.35±1.37	3.20±1.79	2.86±1.40	3.35±1.05	4.00±0.1	4.92	0.000**
Chinese character type-pleasant	2.40±1.14	3.05±0.69	3.00±0.82	3.40±0.89	3.27±0.65	3.26±0.71	4.00±0.1	2.24	0.039*

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ .

**Table S2-5.** Influence of religion on emotional responses to different types of modern residential entry space facades

	Religion( $\bar{X} \pm SD$ )				F	p
	None(n=328)	Buddhism(n=27)	Taoism(n=4)	Christianity(n=6)		
Animal type-calm	1.34±0.77	1.59±0.80	1.75±0.96	2.33±1.37	4.209	0.006**
Geometric type-pleasant	1.74±0.87	1.33±0.78	2.00±0.82	1.17±0.41	2.863	0.037*

	Religion( $\bar{X}\pm SD$ )				F	p
	None(n=328)	Buddhism(n=27)	Taoism(n=4)	Christianity(n=6)		
Figure type-interesting	1.40±0.79	1.74±0.86	2.00±1.41	1.83±0.75	2.694	0.046*
Exorcism type-calm	1.39±0.73	1.63±0.88	2.50±1.29	2.17±1.17	5.556	0.001**
Exorcism type-pleasant	1.39±0.80	1.52±0.98	2.75±1.50	1.67±0.82	3.928	0.009**
Exorcism type-safe	2.54±1.39	2.96±1.29	4.00±0.00	3.83±0.41	3.843	0.010**

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ .

**Table S2-6.** Influence of annual income on emotional responses to different types of modern residential entry space facades

	Annual income( $\bar{X}\pm SD$ )					F	p
	Under 30,000 RMB(n=35)	30,000 - 50,000 RMB(n=37)	50,000 - 100,000 RMB(n=185)	100,000 - 200,000 RMB(n=97)	More than 200,000 RMB(n=11)		
Animal type-calm	1.20±0.68	1.68±0.94	1.37±0.74	1.30±0.79	1.82±1.08	2.903	0.022*
Animal type-safe	2.54±0.85	2.92±0.83	2.55±0.81	2.74±0.74	3.00±0.77	2.865	0.023*
Exorcism type-calm	1.31±0.68	1.84±0.93	1.39±0.74	1.38±0.71	1.64±0.92	3.332	0.011*
Exorcism type-pleasant	1.31±0.80	1.81±1.00	1.40±0.81	1.33±0.77	1.64±0.92	2.740	0.029*
Exorcism type-safe	2.69±1.39	3.16±1.26	2.43±1.39	2.68±1.38	2.82±1.54	2.409	0.049*
Chinese character type-calm	1.37±0.69	1.86±0.75	1.40±0.75	1.40±0.77	1.82±0.75	3.897	0.004**
Combination type-interesting	1.17±0.51	1.68±0.94	1.35±0.78	1.30±0.71	1.18±0.60	2.459	0.045*

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ .

**Table S2-7.** Influence of length of residence on emotional responses to different types of modern residential entry space facades

	Length of residence( $\bar{X}\pm SD$ )				F	p
	Half to 1 year(n=8)	1-3 years(n=52)	3-10 years(n=124)	Over 10 years(n=181)		
Animal type- pleasant	2.75±0.71	2.46±0.90	2.56±0.77	2.78±0.72	3.326	0.020*
Animal type- safe	2.75±0.71	2.58±0.87	2.51±0.82	2.76±0.76	2.691	0.046*
Animal type-interesting	3.13±0.99	2.85±1.16	3.21±0.86	3.50±0.87	7.538	0.000**
Plant type- safe	0.63±0.52	0.75±0.71	1.13±0.93	1.06±0.98	2.648	0.049*

	Length of residence( $\bar{X}\pm SD$ )				F	p
	Half to 1 year(n=8)	1-3 years(n=52)	3-10 years(n=124)	Over 10 years(n=181)		
Artifact type- calm	2.00±0.93	2.19±0.79	2.07±0.76	2.37±0.72	4.225	0.006**
Artifact type- pleasant	3.88±0.35	3.29±0.98	3.19±1.15	3.50±0.85	3.296	0.021*
Artifact type- safe	2.50±1.07	2.52±0.80	2.48±0.75	2.71±0.65	2.707	0.045*
Artifact type- interesting	2.50±1.07	2.50±0.75	2.41±0.86	2.69±0.72	3.165	0.025*
Exorcism type- calm	1.25±0.71	1.62±0.89	1.28±0.74	1.49±0.73	3.144	0.025*
Exorcism type- safe	2.75±1.39	2.65±1.40	2.09±1.41	2.94±1.27	10.091	0.000**
Exorcism type- interesting	2.63±1.51	3.08±0.97	2.80±1.16	3.18±1.07	3.301	0.021*
Chinese character type- calm	1.25±0.71	1.63±0.82	1.29±0.74	1.53±0.74	3.773	0.011*
Chinese character type- pleasant	3.25±0.89	3.13±0.79	2.88±0.86	3.18±0.71	3.879	0.009**
Chinese character type- safe	2.38±1.06	2.65±0.76	2.40±0.87	2.74±0.73	4.917	0.002**
Chinese character type- interesting	1.88±0.99	2.33±0.71	2.15±0.68	2.34±0.69	2.686	0.046*

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ .

**Table S3:** Effects of different sample demographic characteristics on health benefit assessments for different types of modern residential facades

**Table S3-1.** Effects of age range on health benefit assessments of different types of modern residential facades

	Age range( $\bar{X}\pm SD$ )				F	p
	18-30 years old(n=35)	31-40 years old(n=56)	41-60 years old(n=37)	Over 61 years old(n=26)		
B1	3.49±0.61	3.38±0.82	3.68±0.82	4.12±0.65	6.150	0.001**
B2	3.74±0.56	3.54±0.81	3.59±1.04	4.12±0.65	3.363	0.020*

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ , 1 represents fatigue elimination,2 represents revitalization.

**Table S3-2.** Effects of career on health benefit assessments of different types of modern residential facades

	Career( $\bar{X}\pm SD$ )						F	P
	Administration (n=15)	Institutio n Unit(n=16 )	Company(n=72)	Freelance(n=15)	Students(n=35)	Retirement(n=1)		
A3	3.00±0.85	2.94±0.77	2.32±0.89	2.27±0.80	2.29±0.57	3.00±null	3.536	0.005**



Career( $\bar{X} \pm SD$ )							F	P
	Administration (n=15)	Institution (n=16)	Company(n=72)	Freelance(n=15)	Students(n=35)	Retirement(n=1)		
B1	3.27±0.59	3.50±0.82	3.50±0.84	3.53±0.74	3.97±0.62	5.00±null	3.249	0.008**

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ , 1 represents fatigue elimination, 3 represents mind calming.

**Table S3-3.** Effects of religion on health benefit assessments of different types of modern residential facades

Religion( $\bar{X} \pm SD$ )					F	p
	None(n=140)	Buddhism(n=5)	Taoism(n=4)	Christianity(n=5)		
B1	3.50±0.73	5.00±0.00	4.75±0.50	4.00±0.71	11.118	0.000**
B2	3.66±0.74	3.40±2.19	4.75±0.50	4.00±0.71	2.822	0.041*
B4	3.61±0.83	5.00±0.00	2.75±2.06	4.00±0.71	5.999	0.001**

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ , 1 represents fatigue elimination, 2 represents revitalization, 4 represents concentration.

**Table S3-4.** Effects of annual income on health benefit assessments of different types of modern residential facades

Annual income( $\bar{X} \pm SD$ )						F	p
	Under 30,000 RMB(n=24)	30,000 - 50,000 RMB(n=23)	50,000 - 100,000 RMB(n=58)	100,000 - 200,000 RMB(n=40)	More than 200,000 RMB(n=9)		
A1	1.50±0.59	1.57±0.99	1.57±0.82	2.10±0.78	1.78±0.97	3.317	0.012*

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ , 1 represents fatigue elimination.

**Table S3-5.** Effects of length of residence on health benefit assessments of different types of modern residential facades

Length of residence( $\bar{X} \pm SD$ )					F	p
	Half to 1 year(n=20)	1-3 years(n=11)	3-10 years(n=44)	Over 10 years(n=79)		
A1	1.80±0.62	2.18±0.75	1.86±0.80	1.53±0.89	3.030	0.031*
B1	3.75±0.85	3.18±0.40	3.20±0.70	3.84±0.76	8.373	0.000**
B3	4.75±0.91	4.27±0.65	4.00±1.29	4.58±0.87	4.054	0.008**

\* represents  $p < 0.05$ , \*\* represents  $p < 0.01$ , 1 represents fatigue elimination, 3 represents mind calming.