

Supplementary Table S1. A overview of factors influencing vaccine hesitancy in China.

			Parents of children aged 0-6	Older people over 60	Adults aged 18-59	Healthcare workers
Physical deciding factor	Physical conditions	self-immune	17(40.5)	13(31)	10(23.8)	2(4.8)
		Underlying disease	1(7.1)	7(50)	4(28.6)	2(14.3)
	Risk of infection		9(27.3)	8(24.2)	8(24.2)	8(24.2)
	Medical expenses		0(0)	0(0)	0(0)	0(0)
Background deciding factor	Access to professional advice	medical staff	29(36.3)	15(18.8)	25(31.3)	11(13.8)
		Centers for Disease Control	12(36.4)	5(15.2)	10(30.3)	6(18.2)
		Internet media	13(39.4)	4(12.1)	13(39.4)	3(9.1)
		family and friends	6(30)	0(0)	11(55)	3(15)
		vaccinee	13(61.9)	3(14.3)	5(23.8)	0(0)
	Social network support	support	22(34.4)	8(12.5)	25(39.1)	9(14.1)
		object	17(48.6)	1(2.9)	13(37.1)	4(11.4)
	Disease condition	prevalence	14(20.6)	15(22.1)	24(35.3)	15(22.1)
		case fatality rate	11(34.4)	3(9.4)	10(31.3)	8(25)
		cure rate	1(25)	0(0)	3(75)	0(0)
	Policy orientation		8(25.8)	14(45.2)	4(12.9)	5(16.1)
	Convenience	No specific reason given	7(36.8)	1(5.3)	9(47.4)	2(10.5)
		vaccine price	20(26)	7(9.1)	35(45.5)	15(19.5)
		vaccination service	1(8.3)	3(25)	5(41.7)	3(25)
		vaccine supply	6(33.3)	2(11.1)	4(22.2)	6(33.3)
		appointment process and waiting time	4(19)	2(9.5)	11(52.4)	4(19)
		geographical accessibility	5(55.6)	3(33.3)	1(11.1)	0(0)
Psychological deciding factor	Trust	vaccine safety	66(34.6)	30(15.7)	58(30.4)	37(19.4)
		Vaccine maturity	25(31.3)	7(8.8)	31(38.8)	17(21.3)
		vaccine effectiveness	15(39.5)	4(10.5)	9(23.7)	10(26.3)
	Complacency	Awareness of vaccination necessity	40(34.2)	26(22.2)	32(27.4)	19(16.2)
		personal knowledge and experience	11(50)	2(9.1)	3(13.6)	6(27.3)
		social climate	2(20)	0(0)	5(50)	3(30)
	Herd mentality		4(36.4)	3(27.3)	4(36.4)	0(0)
	Social responsibility		0(0)	9(52.9)	7(41.2)	1(5.9)