Juan de Dios OrtÃºzar

List of Publications by Year
in descending order

166 papers	5,610 citations	87843 38 h-index	123376 61 g-index
192 all docs	192 docs citations	192 times ranked	3277 citing authors

#	Article	IF	Citations
1	Assessing the influence of design dimensions on stated choice experiment estimates. Transportation Research Part B: Methodological, 2005, 39, 621-640.	2.8	380
2	Willingness-to-Pay Estimation with Mixed Logit Models: Some New Evidence. Environment and Planning A, 2005, 37, 525-550.	2.1	221
3	Stated preference in the valuation of interurban road safety. Accident Analysis and Prevention, 2003, 35, 9-22.	3.0	151
4	Modeling Discrete Choices in the Presence of Inertia and Serial Correlation. Transportation Science, 2007, 41, 195-205.	2.6	122
5	Sequential and Simultaneous Estimation of Hybrid Discrete Choice Models. Transportation Research Record, 2010, 2156, 131-139.	1.0	112
6	Willingness-to-pay for reducing fatal accident risk in urban areas: an Internet-based Web page stated preference survey. Accident Analysis and Prevention, 2004, 36, 513-524.	3.0	108
7	A semi-compensatory discrete choice model with explicit attribute thresholds of perception. Transportation Research Part B: Methodological, 2005, 39, 641-657.	2.8	100
8	The role of critical incidents and involvement in transit satisfaction and loyalty. Transport Policy, 2019, 75, 57-69.	3.4	100
9	Confidence intervals to bound the value of time. Transportation Research, Part E: Logistics and Transportation Review, 2001, 37, 143-161.	3.7	90
10	About attitudes and perceptions: finding the proper way to consider latent variables in discrete choice models. Transportation, 2017, 44, 475-493.	2.1	89
11	A long panel survey to elicit variation in preferences and attitudes in the choice of electric vehicles. Transportation, 2014, 41, 973-993.	2.1	88
12	Inclusion of latent variables in Mixed Logit models: Modelling and forecasting. Transportation Research, Part A: Policy and Practice, 2010, 44, 744-753.	2.0	84
13	Effect of critical incidents on public transport satisfaction and loyalty: an Ordinal Probit SEM-MIMIC approach. Transportation, 2020, 47, 827-863.	2.1	84
14	Value of time sensitivity to model specification. Transportation Research Part B: Methodological, 1989, 23, 151-158.	2.8	82
15	A discrete choice model incorporating thresholds for perception in attribute values. Transportation Research Part B: Methodological, 2006, 40, 807-825.	2.8	76
16	Mixed RP/SP models incorporating interaction effects. Transportation, 2002, 29, 371-395.	2.1	63
17	Predicting the Potential Market for Electric Vehicles. Transportation Science, 2017, 51, 427-440.	2.6	62
18	Understanding public transport satisfaction: Using Maslow's hierarchy of (transit) needs. Transport Policy, 2019, 81, 75-94.	3.4	61

#	Article	IF	Citations
19	Estimating demand for a cycle-way network. Transportation Research, Part A: Policy and Practice, 2000, 34, 353-373.	2.0	59
20	Increasing the acceptability of a congestion charging scheme. Transport Policy, 2015, 39, 37-47.	3.4	58
21	The role of habit and the built environment in the willingness to commute by bicycle. Travel Behaviour & Society, 2020, 20, 62-73.	2.4	55
22	Continuous Mobility Surveys: The State of Practice. Transport Reviews, 2011, 31, 293-312.	4.7	53
23	Modelling service-specific and global transit satisfaction under travel and user heterogeneity. Transportation Research, Part A: Policy and Practice, 2018, 113, 509-528.	2.0	53
24	Nested logit models for mixed-mode travel in urban corridors. Transportation Research Part A: Policy and Practice, 1983, 17, 283-299.	0.3	51
25	Preference Heterogeneity and Willingness to Pay for Travel Time Savings. Transportation, 2005, 32, 627-647.	2.1	50
26	Identifying differences in willingness to pay due to dimensionality in stated choice experiments: a cross country analysis. Journal of Transport Geography, 2009, 17, 21-29.	2.3	50
27	Fifty years of Transportation Research journals: A bibliometric overview. Transportation Research, Part A: Policy and Practice, 2019, 120, 188-223.	2.0	50
28	On the joint valuation of averting fatal and severe injuries in highway accidents. Journal of Safety Research, 2005, 36, 377-386.	1.7	49
29	Estimating the willingness to pay and value of risk reduction for car occupants in the road environment. Transportation Research, Part A: Policy and Practice, 2009, 43, 692-707.	2.0	49
30	Valuing noise level reductions in a residential location context. Transportation Research, Part D: Transport and Environment, 2005, 10, 305-322.	3.2	47
31	Subjective valuation of the transit transfer experience: The case of Santiago de Chile. Transport Policy, 2013, 25, 138-147.	3.4	47
32	Review and assessment of the nested logit model. Transport Reviews, 2002, 22, 197-218.	4.7	45
33	The Santiago Panel: measuring the effects of implementing Transantiago. Transportation, 2010, 37, 125-149.	2.1	45
34	Practical and empirical identifiability of hybrid discrete choice models. Transportation Research Part B: Methodological, 2012, 46, 1374-1383.	2.8	44
35	Modelling parking choices considering user heterogeneity. Transportation Research, Part A: Policy and Practice, 2014, 70, 41-49.	2.0	44
36	Valuing crowding in public transport: Implications for cost-benefit analysis. Transportation Research, Part A: Policy and Practice, 2016, 91, 358-378.	2.0	44

#	Article	IF	Citations
37	Representation of heteroskedasticity in discrete choice models. Transportation Research Part B: Methodological, 2000, 34, 219-240.	2.8	42
38	Restricting the use of cars by license plate numbers: A misguided urban transport policy. DYNA (Colombia), 2014, 81, 75-82.	0.2	42
39	Use of Mixed Stated and Revealed Preference Data for Crowding Valuation on Public Transport in Santiago, Chile. Transportation Research Record, 2015, 2535, 73-78.	1.0	41
40	Valuation of travel time savings for intercity travel: The Madrid-Barcelona corridor. Transport Policy, 2014, 36, 105-117.	3.4	40
41	Analysing Demand for Suburban Trips: A Mixed RP/SP Model with Latent Variables and Interaction Effects. Transportation, 2006, 33, 241-261.	2.1	39
42	Modelling the demand for medium distance air travel with the mixed data estimation method. Journal of Air Transport Management, 2008, 14, 297-303.	2.4	39
43	Development of Surveys for Study of Departure Time Choice: Two-Stage Approach to Efficient Design. Transportation Research Record, 2012, 2303, 9-18.	1.0	39
44	Application of Willingness-to-Pay Methods to Value Transport Externalities in Less Developed Countries. Environment and Planning A, 2000, 32, 2007-2018.	2.1	38
45	Microeconomic Formulation and Estimation of a Residential Location Choice Model: Implications for the Value of Time. Journal of Regional Science, 2003, 43, 771-789.	2.1	38
46	Estimating the Willingnessâ€toâ€Pay for Road Safety Improvements. Transport Reviews, 2006, 26, 471-485.	4.7	37
47	Empirical Identification in the Mixed Logit Model: Analysing the Effect of Data Richness. Networks and Spatial Economics, 2008, 8, 109-124.	0.7	35
48	Stated Preferences in Modelling Accessibility. International Planning Studies, 2000, 5, 65-85.	1.2	34
49	Understanding suburban travel demand: Flexible modelling with revealed and stated choice data. Transportation Research, Part A: Policy and Practice, 2007, 41, 899-912.	2.0	34
50	Willingness to Pay for Social Housing Attributes: A Case Study from Chile. International Planning Studies, 2002, 7, 55-87.	1.2	32
51	On Best Practice in Continuous Largeâ€scale Mobility Surveys. Transport Reviews, 2004, 24, 337-363.	4.7	32
52	Modelling choice when price is a cue for quality: a case study with Chinese consumers. Journal of Choice Modelling, 2016, 19, 24-39.	1.2	32
53	On fitting mode specific constants in the presence of new options in RP/SP models. Transportation Research, Part A: Policy and Practice, 2006, 40, 1-18.	2.0	30
54	Confidence Interval for Willingness to Pay Measures in Mode Choice Models. Networks and Spatial Economics, 2006, 6, 81-96.	0.7	30

#	Article	IF	Citations
55	Thresholds and indifference in stated choice surveys. Transportation Research Part B: Methodological, 2010, 44, 753-763.	2.8	28
56	On the Treatment of Repeated Observations in Panel Data: Efficiency of Mixed Logit Parameter Estimates. Networks and Spatial Economics, 2011, 11, 393-418.	0.7	28
57	Valuation of housing and neighbourhood attributes for city centre location: A case study in Santiago. Habitat International, 2013, 39, 62-74.	2.3	28
58	Preferences for sustainable mobility in natural areas: The case of Teide National Park. Journal of Transport Geography, 2019, 76, 42-51.	2.3	28
59	Forecasting the Quality of Service of Bogotaâ€™s Sidewalks from Pedestrian Perceptions: An Ordered Probit MIMIC Approach. Transportation Research Record, 2020, 2674, 205-216.	1.0	27
60	Implications of Thresholds in Discrete Choice Modelling. Transport Reviews, 2006, 26, 667-691.	4.7	26
61	Is Sequential Estimation a Suitable Second Best for Estimation of Hybrid Choice Models?. Transportation Research Record, 2014, 2429, 51-58.	1.0	25
62	On the Use of Mixed RP/SP Models in Prediction: Accounting for Systematic and Random Taste Heterogeneity. Transportation Science, 2011, 45, 98-108.	2.6	22
63	Decreasing fare evasion without fines? A microeconomic analysis. Research in Transportation Economics, 2016, 59, 151-158.	2.2	22
64	Understanding the preferences for different types of urban greywater uses and the impact of qualitative attributes. Water Research, 2020, 184, 116007.	5.3	22
65	Fundamentals of discrete multimodal choice modelling. Transport Reviews, 1982, 2, 47-78.	4.7	21
66	A practical assessment of stated preferences methods. Transportation, 1994, 21, 289-305.	2.1	21
67	Modeling the Effects of Pro Bicycle Infrastructure and Policies Toward Sustainable Urban Mobility. Journal of the Urban Planning and Development Division, ASCE, 2014, 140, 04014001.	0.8	21
68	Modelling correlation patterns in mode choice models estimated on multiday travel data. Transportation Research, Part A: Policy and Practice, 2017, 96, 146-153.	2.0	21
69	Towards a sustainable city: Applying urban renewal incentives according to the social and urban characteristics of the area. Habitat International, 2017, 68, 15-23.	2.3	21
70	Modelling new pricing strategies for the Santiago Metro. Transport Policy, 1998, 5, 223-232.	3.4	20
71	Valuing reductions in environmental pollution in a residential location context. Transportation Research, Part D: Transport and Environment, 2002, 7, 407-427.	3.2	20
72	Sea urchin: From plague to market opportunity. Food Quality and Preference, 2012, 25, 46-56.	2.3	20

#	Article	IF	Citations
73	Estimating bicycle demand in an aggressive environment. International Journal of Sustainable Transportation, 2021, 15, 259-272.	2.1	20
74	A joint bestâ€“worst scaling and stated choice model considering observed and unobserved heterogeneity: An application to residential location choice. Journal of Choice Modelling, 2015, 16, 1-14.	1.2	19
75	What is behind fare evasion in urban bus systems? An econometric approach. Transportation Research, Part A: Policy and Practice, 2016, 84, 55-71.	2.0	19
76	Demand for environmentally friendly vehicles: A review and new evidence. International Journal of Sustainable Transportation, 2019, 13, 210-223.	2.1	19
77	Burying the Highway: The Social Valuation of Community Severance and Amenity. International Journal of Sustainable Transportation, 2015, 9, 298-309.	2.1	18
78	On Confounding Preference Heterogeneity and Income Effect in Discrete Choice Models. Networks and Spatial Economics, 2008, 8, 97-108.	0.7	17
79	Estimating individual preferences with flexible discrete-choice-models. Food Quality and Preference, 2010, 21, 262-269.	2.3	17
80	Estimating the Value of Risk Reduction for Pedestrians in the Road Environment: An Exploratory Analysis. Journal of Choice Modelling, 2011, 4, 70-94.	1.2	17
81	Valuing casualty risk reductions from estimated baseline risk. Research in Transportation Economics, 2013, 43, 50-61.	2.2	17
82	On the variability of hybrid discrete choice models. Transportmetrica A: Transport Science, 2014, 10, 74-88.	1.3	17
83	On the effect of operational service attributes on transit satisfaction. Transportation, 2020, 47, 2307-2336.	2.1	16
84	On the development of the nested logit model. Transportation Research Part B: Methodological, 2001, 35, 213-216.	2.8	15
85	Deriving Public Transport Level of Service Weights from a Multiple Comparison of Latent and Observable Variables. Journal of the Operational Research Society, 1994, 45, 1099-1107.	2.1	14
86	Can mixed logit reveal the actual data generating process? Some implications for environmental assessment. Transportation Research, Part D: Transport and Environment, 2010, 15, 428-442.	3.2	13
87	Exploring the role of social capital influence variables on travel behaviour. Transportation Research, Part A: Policy and Practice, 2014, 68, 46-55.	2.0	13
88	Travel demand and response analysisâ€”Some integrating themes. Transportation Research Part A: Policy and Practice, 1982, 16, 345-362.	0.3	12
89	Information processing in choiceâ€based conjoint experiments. European Journal of Marketing, 2012, 46, 422-446.	1.7	12
90	Analyzing the continuity of attitudinal and perceptual indicators in hybrid choice models. Journal of Choice Modelling, 2017, 25, 28-39.	1.2	12

#	Article	IF	Citations
91	The Stochastic Satisficing model: A bounded rationality discrete choice model. Journal of Choice Modelling, 2018, 27, 74-87.	1.2	12
92	Mixed modelling of interurban trips by coach and train. Transportation Research, Part A: Policy and Practice, 1998, 32, 345-357.	2.0	11
93	Costing School Transport in Spain. Transportation Planning and Technology, 2006, 29, 483-501.	0.9	11
94	If you choose not to decide, you still have made a choice. Journal of Choice Modelling, 2017, 22, 13-23.	1.2	11
95	A comparison of bus passengersâ€™ and car driversâ€™ valuation of casualty risk reductions in their routes. Accident Analysis and Prevention, 2019, 122, 63-75.	3.0	11
96	Using hybrid choice models to capture the impact of attitudes on residential greywater reuse preferences. Resources, Conservation and Recycling, 2021, 164, 105171.	5.3	11
97	El problema de modelaciÃ³n de demanda desde una perspectiva desagregada: el caso del transporte. Eure, 2003, 29, 149.	0.3	10
98	Sustainable Urban Mobility: What Can Be Done to Achieve It?. Journal of the Indian Institute of Science, 2019, 99, 683-693.	0.9	10
99	On the semantic scale problem in stated preference rating experiments. Transportation, 1994, 21, 185-201.	2.1	9
100	Income, Time Effects and Direct Preferences in a Multimodal Choice Context: Application of Mixed RP/SP Models with Non-Linear Utilities. Networks and Spatial Economics, 2006, 6, 7-23.	0.7	9
101	Accounting for stochastic variables in discrete choice models. Transportation Research Part B: Methodological, 2015, 78, 222-237.	2.8	9
102	Methodological challenges in modelling the choice of mode for a new travel alternative using binary stated choice data â€“ The case of high speed rail in Norway. Transportation Research, Part A: Policy and Practice, 2015, 78, 438-451.	2.0	9
103	Designing incentive packages for increased density and social inclusion in the neighbourhood of mass transit stations. Habitat International, 2016, 55, 133-147.	2.3	9
104	Shared taxis: modelling the choice of a paratransit mode in Santiago de Chile. Transportation, 2019, 46, 2243-2268.	2.1	9
105	Addressing endogeneity in strategic urban mode choice models. Transportation, 2021, 48, 2081-2102.	2.1	9
106	Assessing the potential acceptability of road pricing in Santiago. Transportation Research, Part A: Policy and Practice, 2021, 144, 153-169.	2.0	9
107	Estimating the value of risk reductions for car drivers when pedestrians are involved: a case study in Spain. Transportation, 2018, 45, 499-521.	2.1	8
108	Use of Mixed Revealed-Preference and Stated-Preference Models with Nonlinear Effects in Forecasting. Transportation Research Record, 2006, 1977, 27-34.	1.0	8

#	Article	IF	Citations
109	Mixedâ€mode travel demand forecasting techniques. Transportation Planning and Technology, 1980, 6, 81-95.	0.9	7
110	Reflections on citizen-technical dialogue as part of cycling-inclusive planning in Santiago, Chile. Research in Transportation Economics, 2015, 53, 20-30.	2.2	7
111	Traffic accident risk perception among drivers: a latent variable approach. Transportation Planning and Technology, 2020, 43, 313-324.	0.9	7
112	Revisiting the Benefits of Combining Data of a Different Nature: Strategic Forecasting of New Mode Alternatives. Journal of Advanced Transportation, 2021, 2021, 1-15.	0.9	7
113	Modelling park'n ride and kiss'n ride as submodal choices. Transportation, 1980, 9, 287-291.	2.1	6
114	On the stability of discrete choice models in different environments. Transportation Planning and Technology, 1985, 10, 209-218.	0.9	6
115	Flexible long range planning using low cost information. Transportation, 1991, 18, 151-173.	2.1	6
116	Integration of Spatial Correlation into a Combined Travel Model with Hierarchical Levels. Spatial Economic Analysis, 2013, 8, 71-91.	0.8	6
117	Modelling consumers' heterogeneous preferences: a case study with Chilean wine consumers. Australian Journal of Grape and Wine Research, 2018, 24, 51-61.	1.0	6
118	Cuantificando la PercepciÃ³n de Inseguridad Ciudadana en Barrios de Escasos Recursos. Eure, 2006, 32, .	0.3	6
119	Intuition and models in transport management. Transportation Research Part A: Policy and Practice, 1985, 19, 51-57.	0.3	5
120	Use of Mixed Revealed-Preference and Stated-Preference Models with Nonlinear Effects in Forecasting. Transportation Research Record, 2006, 1977, 27-34.	1.0	5
121	Modelling Choice in a Changing Environment: Assessing the Shock Effects of a New Transport System. , 2010, , 445-460.		5
122	Car driversâ€™ valuation of landslide risk reductions. Safety Science, 2015, 77, 1-9.	2.6	5
123	Asymmetric preferences for road safety: Evidence from a stated choice experiment among car drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2015, 31, 112-123.	1.8	5
124	Extended Methodology for the Estimation of a Zonal Origin-Destination Matrix: A Planning Software Application Based on Smartcard Trip Data. Transportation Research Record, 2018, 2672, 859-869.	1.0	5
125	On evasion behaviour in public transport: Dissatisfaction or contagion?. Transportation Research, Part A: Policy and Practice, 2019, 130, 626-651.	2.0	5
126	Forecasting with a joint mode/time-of-day choice model based on combined RP and SC data. Transportation Research, Part A: Policy and Practice, 2021, 150, 302-316.	2.0	5

#	Article	IF	Citations
127	From mathematical models to policy design: Predicting greywater reuse scheme effectiveness and water reclamation benefits based on individualsâ€™ preferences. Sustainable Cities and Society, 2021, 74, 103132.	5.1	5
128	Large-Scale Ongoing Mobility Surveys: The State of Practice. , 2009, , 503-531.		4
129	Forecasting vs. observed outturn: Studying choice in faster inter-island connections. Transportation Research, Part A: Policy and Practice, 2010, 44, 159-168.	2.0	4
130	Importance of Dwelling, Neighbourhood Attributes in Residential Location Modelling: Best Worst Scaling vs. Discrete Choice. Procedia, Social and Behavioral Sciences, 2014, 160, 92-101.	0.5	4
131	About Attitudes and Perceptions: Finding the Proper Way to Consider Latent Variables in Discrete Choice Models. SSRN Electronic Journal, 2015, , .	0.4	4
132	Pedestrian safety perception and urban street settings: a comment. International Journal of Sustainable Transportation, 2020, 14, 914-916.	2.1	4
133	Valuation of Transport Externalities by Stated Choice Methods. , 2007, , 249-272.		4
134	Travel Survey Methods in Latin America. , 2006, , 1-18.		3
135	Identifying Transit Driver Preferences for Work Shift Structures: An Econometric Analysis. Transportation Science, 2008, 42, 70-86.	2.6	3
136	Survey Data to Model Time-of-Day Choice: Methodology and Findings. , 2013, , 479-506.		3
137	Subjective valuation of tangible and intangible heritage neighbourhood attributes. Habitat International, 2020, 105, 102249.	2.3	3
138	Capturing and analysing heterogeneity in residential greywater reuse preferences using a latent class model. Journal of Environmental Management, 2021, 279, 111673.	3.8	3
139	Forecasting with strategic transport models corrected for endogeneity. Transportmetrica A: Transport Science, 2022, 18, 708-735.	1.3	3
140	Characterizing the impact of discrete indicators to correct for endogeneity in discrete choice models. Journal of Choice Modelling, 2022, 42, 100342.	1.2	3
141	Valuing Accidents Using Stated Preference Methods. , 2000, , 36.		2
142	Defining Interalternative Error Structures for Joint Revealed Preference-Stated Preference Modeling. Transportation Research Record, 2010, 2175, 65-73.	1.0	2
143	Methodological advancements in constructing designs and understanding respondent behaviour related to stated preference experiments. Transportation Research Part B: Methodological, 2010, 44, 717-719.	2.8	2
144	Dealing with collinearity in travel time valuation. Transportmetrica A: Transport Science, 2015, 11, 317-332.	1.3	2

#	Article	IF	Citations
145	Quantifying behavioural difference in latent class models to assess empirical identifiability: Analytical development and application to multiple heuristics. Journal of Choice Modelling, 2022, , 100356.	1.2	2
146	The crisis for transportation planning modelling: A comment. Transport Reviews, 1988, 8, 373-375.	4.7	1
147	Deriving Public Transport Level of Service Weights from a Multiple Comparison of Latent and Observable Variables. Journal of the Operational Research Society, 1994, 45, 1099.	2.1	1
148	From Respondent Burden to Respondent Delight. , 2003, , 523-528.		1
149	Heterogeneity and college choice: Latent class modelling for improved policy making. Journal of Choice Modelling, 2019, 33, 100185.	1.2	1
150	How to categorize individuals on the basis of underlying attitudes? A discussion on latent variables, latent classes and hybrid choice models. Transportmetrica A: Transport Science, 2021, 17, 856-877.	1.3	1
151	The Value of Security, Access Time, Waiting Time, and Transfers in Public Transport. , 2021, , 122-126.		1
152	Is there room for a roomâ€tax in the Canary Islands?. International Journal of Tourism Research, 2021, 23, 743-756.	2.1	1
153	Modal Choice Modelling for Several Alternatives: Application of Disaggregate Demand Models in Santiago, Chile. Lecture Notes in Economics and Mathematical Systems, 1985, , 249-261.	0.3	1
154	Valuation Case Studies. Handbooks in Transport, 2003, , 391-409.	0.1	1
155	User preferences and route choice. , 2016, , 231-246.		1
156	Die SchÃtzung externer Effekte im Verkehrswesen mithilfe von Stated-Choice-Experimenten. Quarterly Journal of Economic Research, 2010, 79, 39-60.	0.1	1
157	How do we densify and socially integrate our cities?: On the efficiency of urban property incentives in the vicinity of mass transit stations. Revista De La Construccion, 2016, 15, 77-86.	0.5	1
158	Obtaining Public Transport Level-of-Service Measures Using In-Vehicle GPS Data and Freely Available GIS Web-Based Tools. Advances in Data Mining and Database Management Book Series, 0, , 258-275.	0.4	1
159	Discussion of â€œ A Game/Simulation for Transportation Management â€•by Aaron Adiv (January, 1986, Vol.) Tj ETQq1 1 0.784314 rgBT	0.9	0
160	Workshop Synthesis: Survey Methods to Inform Policy Makers on Energy, Environment, Climate and Natural Disasters. , 2013, , 523-536.		0
161	A semi-compensatory choice model with probabilistic choice set: combining implicit choice set within probabilistic choice set formation. Transportmetrica A: Transport Science, 2021, 17, 974-975.	1.3	0
162	A Geography of Road Transport in Cities. , 2021, , 300-305.		0

#	Article	IF	Citations
163	Valuation of Road Fatalities. , 2001, , 855-868.		0
164	Liberalization of the Interurban Coach Market in Germany: Do Attitudes and Perceptions Drive the Choice between Rail and Coach?. SSRN Electronic Journal, 0, , .	0.4	0
165	Valuing transport externalities. , 2015, , .		0
166	Framework for designing sample travel surveys for transport demand modelling in cities: some comments. Transportation, 0, , .	2.1	0