Q3 Do you use uniform, finite, discrete VOTs, or variable and continuously distributed VOTs?

Answered: 19   Skipped: 2

#	RESPONSES	DATE
1	One discrete VOT	10/25/2017 2:46 PM
2	Essentially uniform	10/22/2017 8:23 PM
3	Discrete	10/19/2017 11:48 AM
4	The assignment uses discrete values of time. The Daysim demand model uses a distributed value of time. Before assignment occurs the distributed values of time are put into the assignment bins.	10/18/2017 10:23 AM
5	uniform	10/17/2017 3:16 PM
6	when VOT has been post processed, a uniform VOT has been applied	10/17/2017 10:18 AM
7	Since TxDOT is just now implementing time-of-day models for some of the smaller MPOs, there isn't much experience in developing discrete VOTs by TOD. Otherwise, a uniform but separate VOT has been applied to the auto and truck tables.	10/17/2017 7:52 AM
8	Depends on Trip Purpose, HBW and WBO use continuously distributed, other purposes use uniform rates. Depends on region and study purpose	10/16/2017 2:16 PM
9	Uniform and discrete VOT.	10/16/2017 8:35 AM
10	discrete	10/16/2017 8:19 AM
11	uniform, finite and discrete	10/15/2017 1:40 AM
12	discrete VOT and VOTRs, based on vehicle class, and on commodity class for trucks.	10/13/2017 3:39 PM
13	Great question. Although common practice is to iterate (generally at the feedback level or sometimes at the assignment iteration level) between a logit choice model and user equilibrium, I have seen a convincing proof that this system does not necessarily converge to an equilibrium, particularly in systems with multiple toll paths (which is increasingly common with express lanes). I therefore prefer to use a finite discrete distribution of VOT in a pure equilibrium framework. This is obviously not the ideal solution, but so far I think it may be the least problematic and practical solution that I am aware of. I would like the opportunity to explore the possibility of using this approach within a stochastic user equilibrium framework, but so far have not had much chance and been concerned that the gain from stochasticity may not be worth the loss of good convergence.	10/13/2017 3:03 PM
14	discrete	10/13/2017 2:58 PM
15	Each vehicle and VOT class has a single (point) VOT.	10/13/2017 2:37 PM
16	N/A	10/13/2017 2:36 PM
17	i think uniform	10/13/2017 2:30 PM
18	discrete VOTs	10/13/2017 2:20 PM
19	Continuously distributed VOT bay class and then discretized into a sufficecient number of bins. We use 10 t0 12 bins by class	10/13/2017 2:18 PM