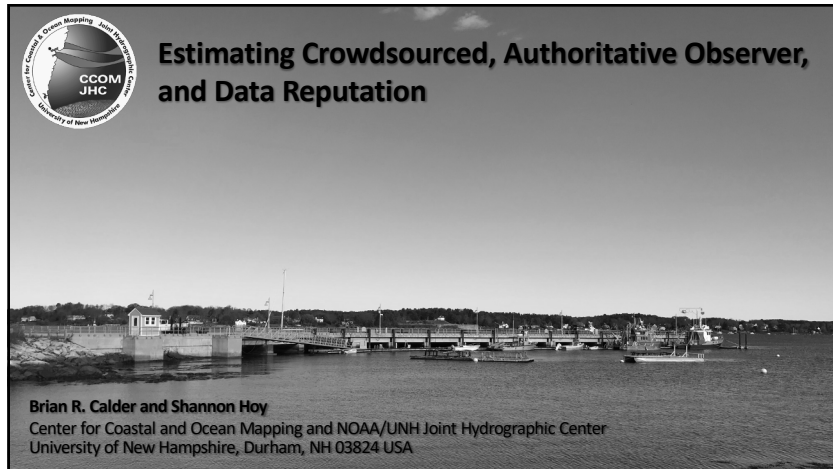
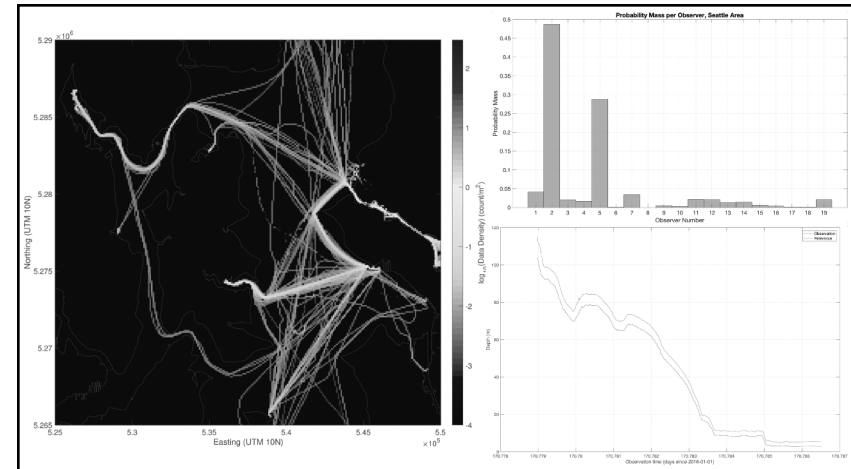


For audio narration to assist comprehension:

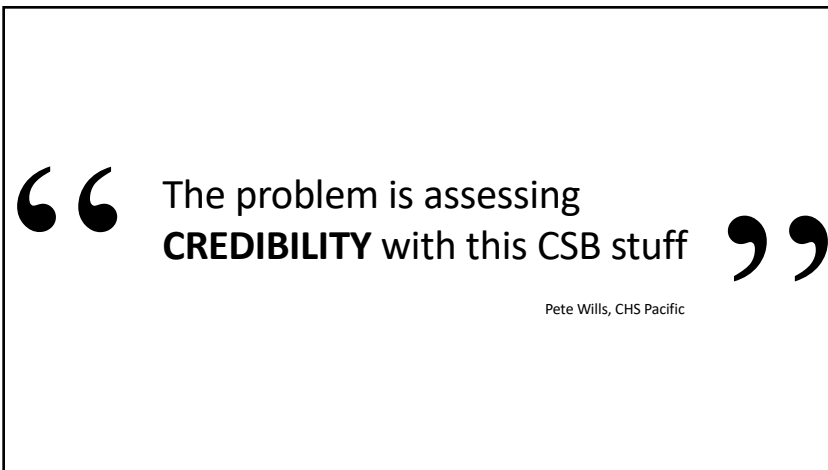
<https://www.dropbox.com/s/zyy0e5h6ei7p98d/CHC%E2%80%9920%20Observer%20Reputation.m4a?dl=0>



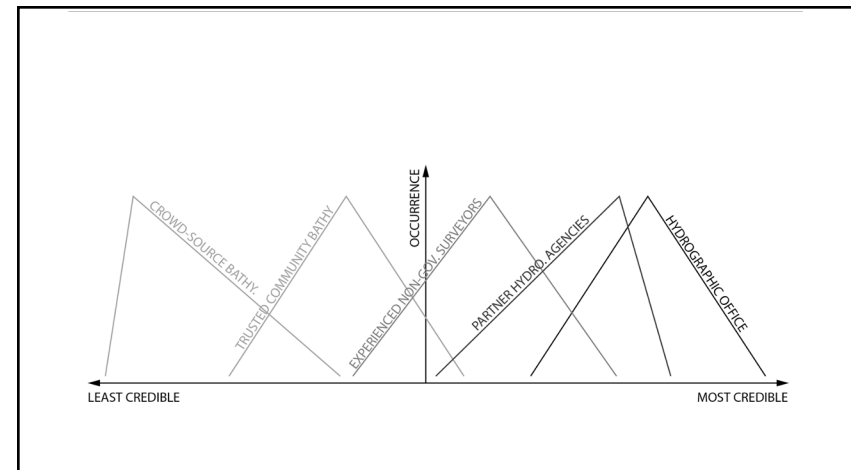
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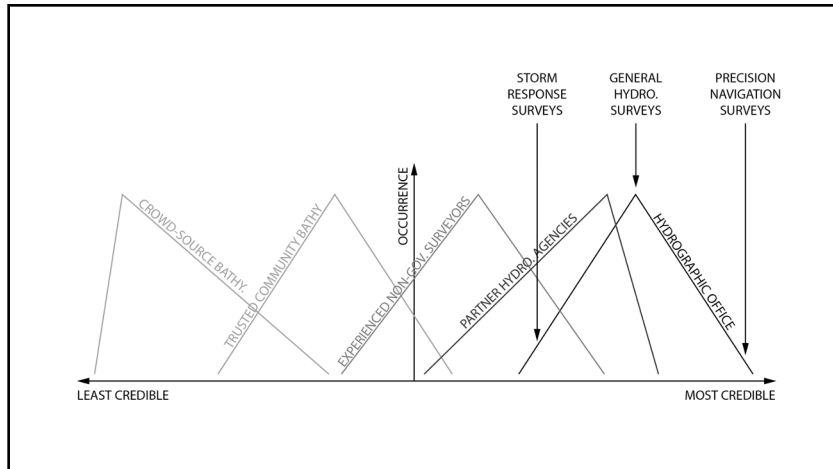
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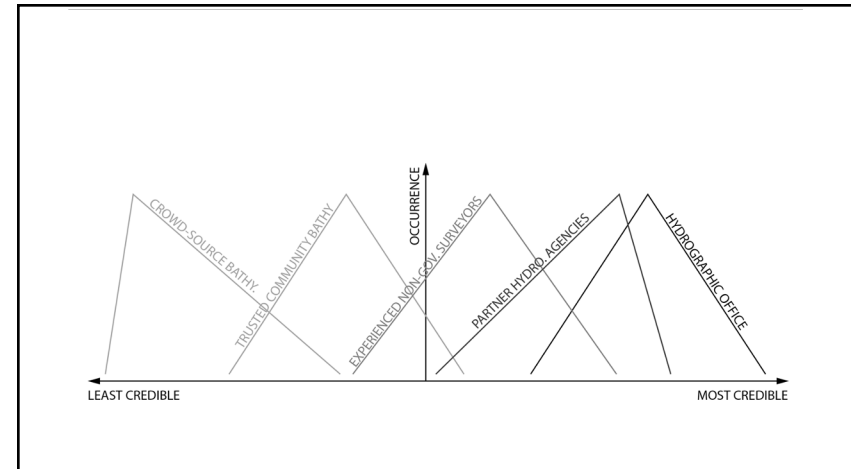
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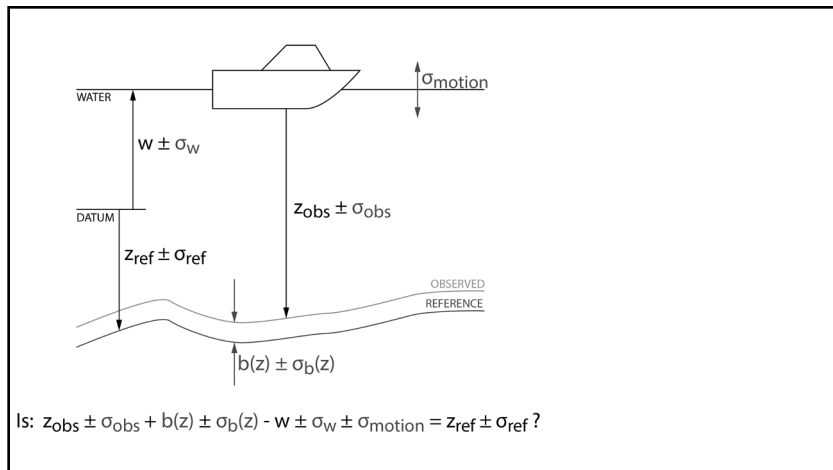
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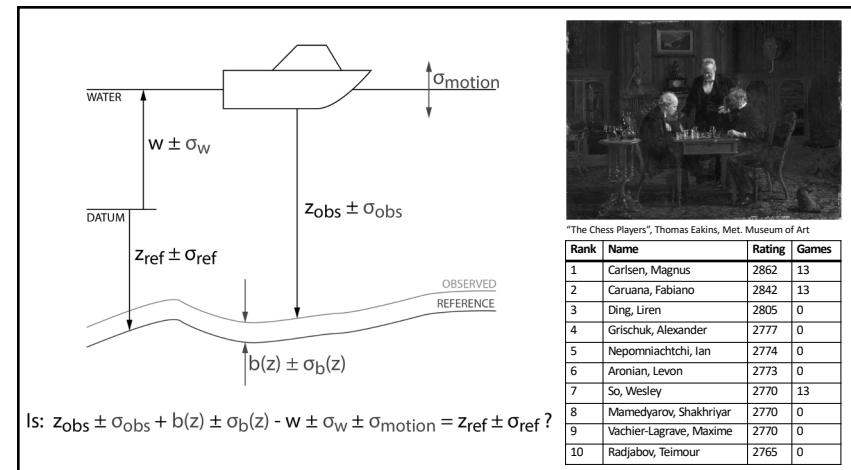
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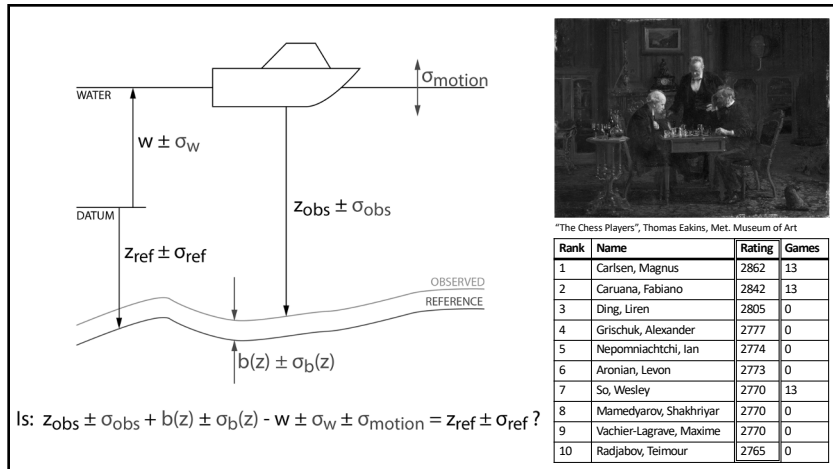


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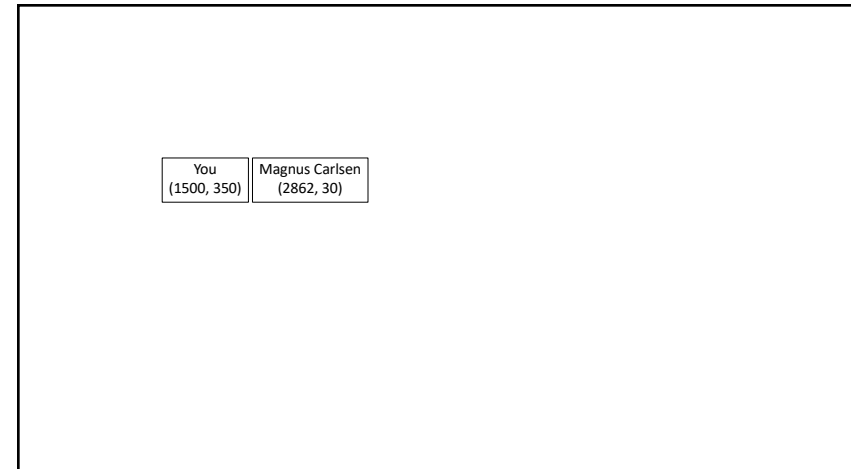


"The Chess Players", Thomas Eakins, Met. Museum of Art

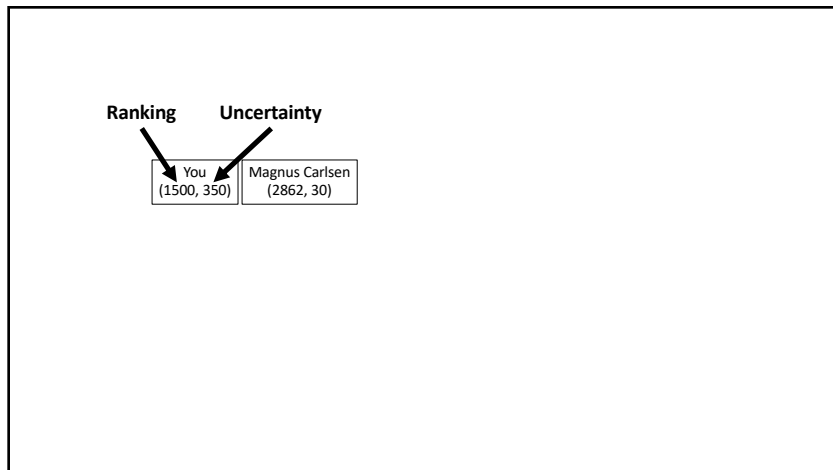
Rank	Name	Rating	Games
1	Carlsen, Magnus	2862	13
2	Caruana, Fabiano	2842	13
3	Ding, Liren	2805	0
4	Grischuk, Alexander	2777	0
5	Nepomniachtchi, Ian	2774	0
6	Aronian, Levon	2773	0
7	So, Wesley	2770	13
8	Mamedyarov, Shakhriyar	2770	0
9	Vachier-Lagrave, Maxime	2770	0
10	Radjabov, Teimour	2765	0



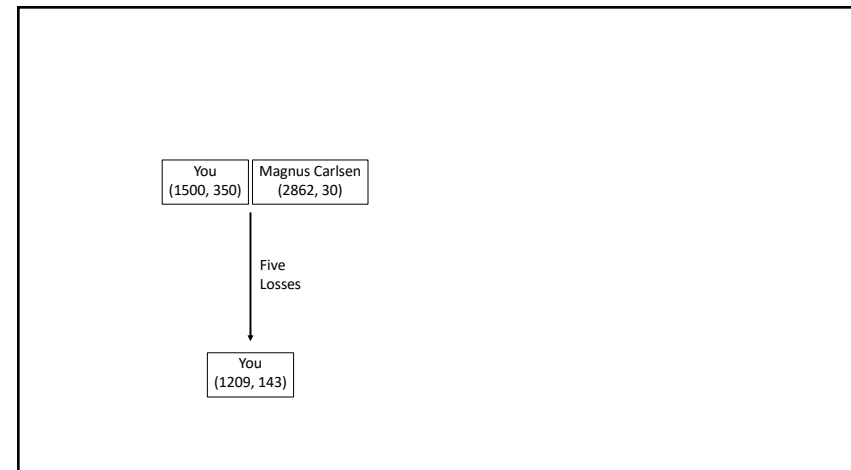
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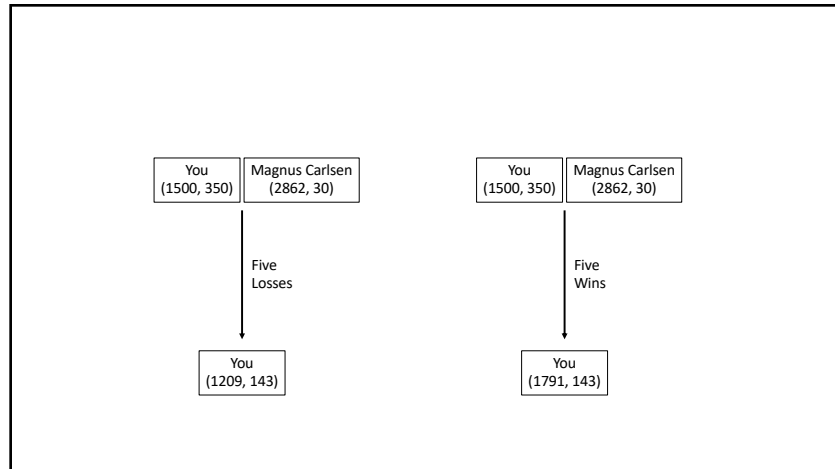
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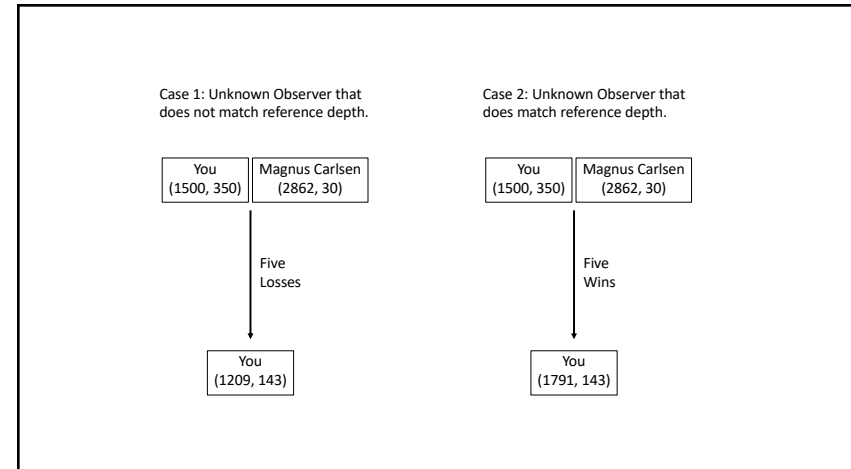
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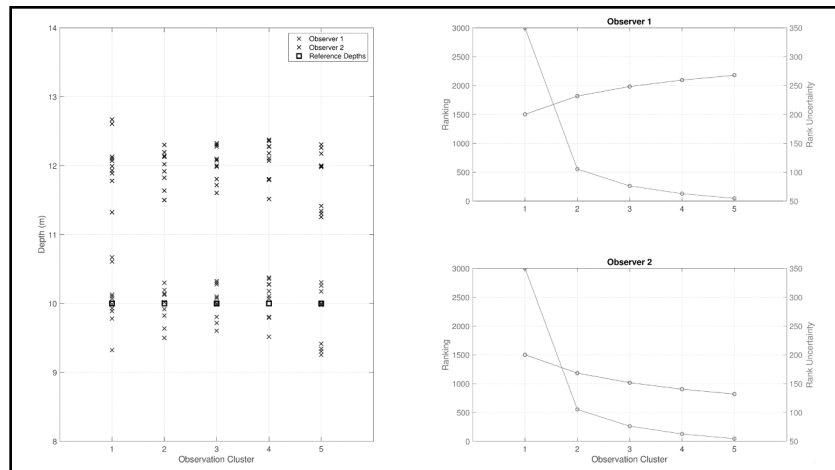
12



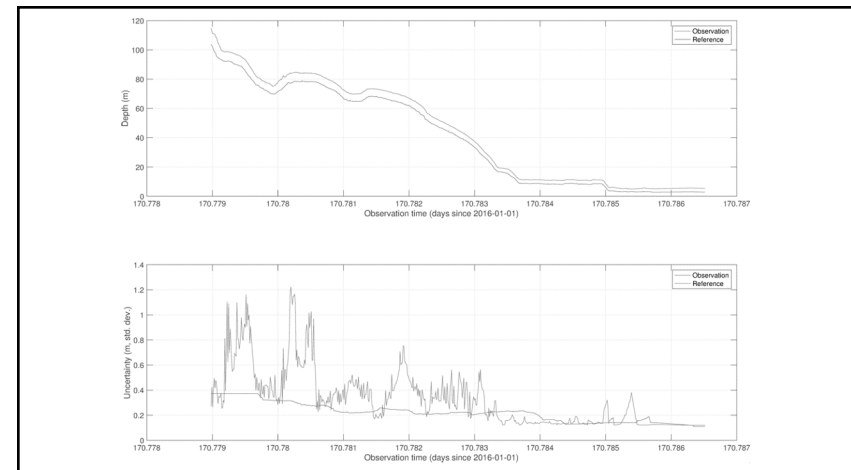
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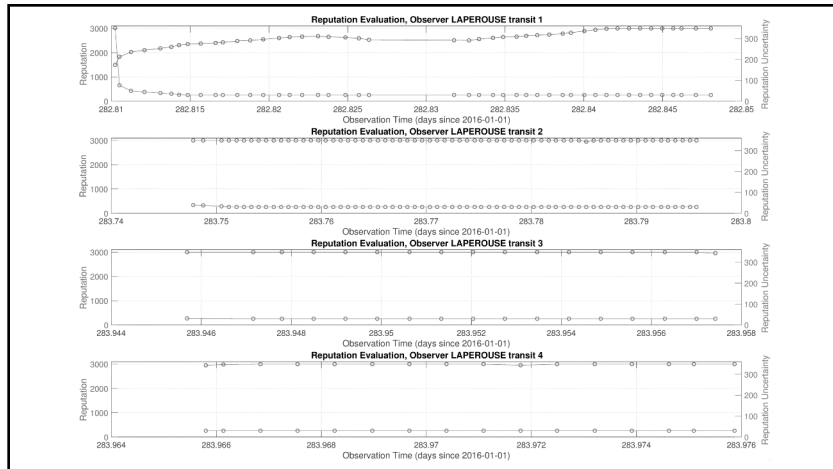
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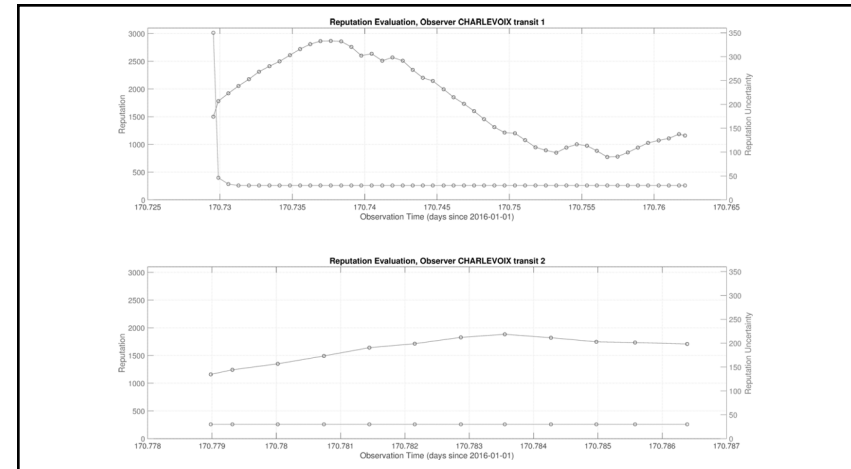
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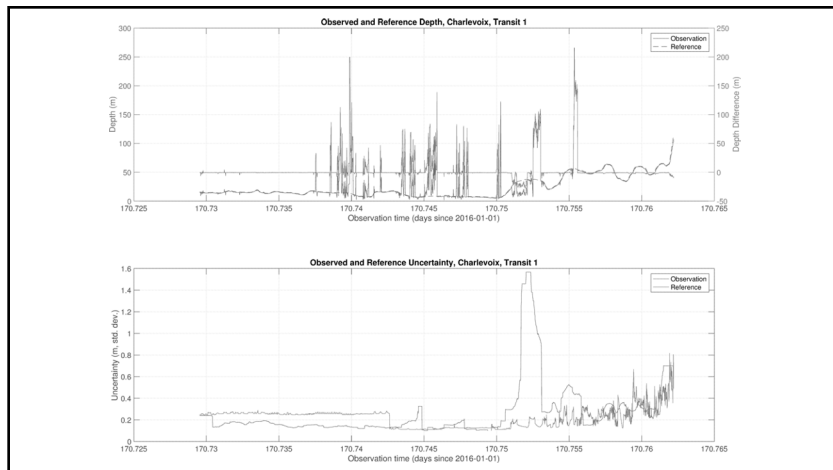
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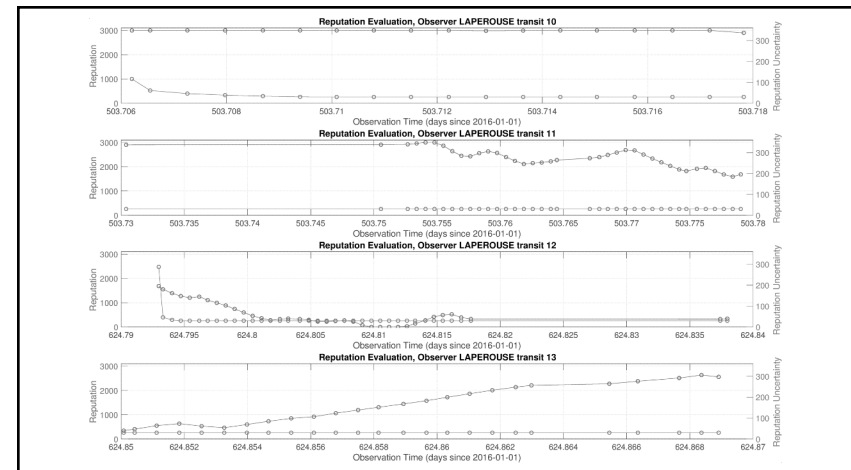
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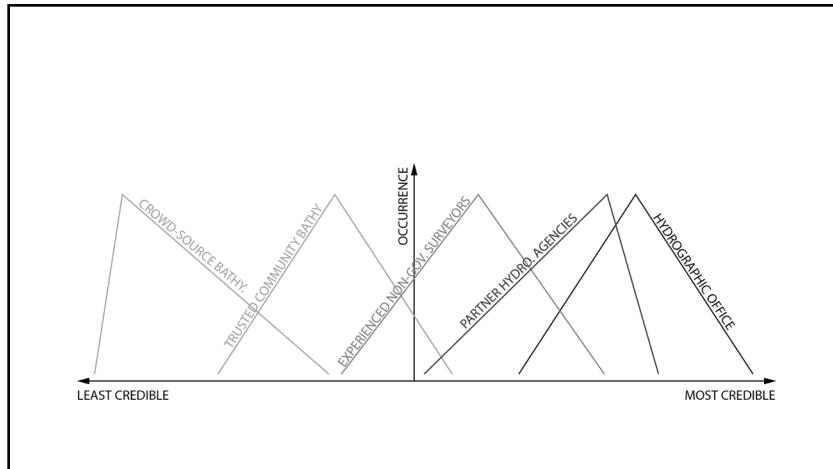
18



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## Summary

- **All** observers have a reputation: reputation is a **spectrum**
- Reputation can be **measured** against **authoritative data**
- Reputation is a **time-varying** quantity
- “Authoritative” means **high reputation & low uncertainty**
- Data **inherits the reputation of the observer**, then adjusts with comparisons
- Reputation **uncertainty grows** with time **without observations**
- Data with **low reputation** is prime for **supersession**

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