**The Neural Engineering Data Consortium:**

**Deja Vu All Over Again**

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**Abstract:**

It is hard to underestimate the impact the evaluation-driven research paradigm has made on human language technology (HLT). Yet, some fields, including the bioengineering community, continue to operate in a mode where research results cannot be easily verified and performance claims are often overly optimistic. The brain machine research community, in particular, is mired in this type of disorganization at a time when mass media and entrepreneurial interests in these technologies are at an all-time high.

Hence, we are developing, in collaboration with the Linguistic Data Consortium, a center at Temple University focused on the development of resources to advance brain machine interfaces. The center will build on the best practices developed by LDC, and is expected to eventually address a wide range of data needs in the bioengineering community. Our first corpus will be the release of over 10,000 EEG recordings conducted at Temple Hospital in Philadelphia, constituting the largest publicly available corpus of its type in the world. Machine learning technology developed on this data is expected to have both clinical and engineering research impact.