

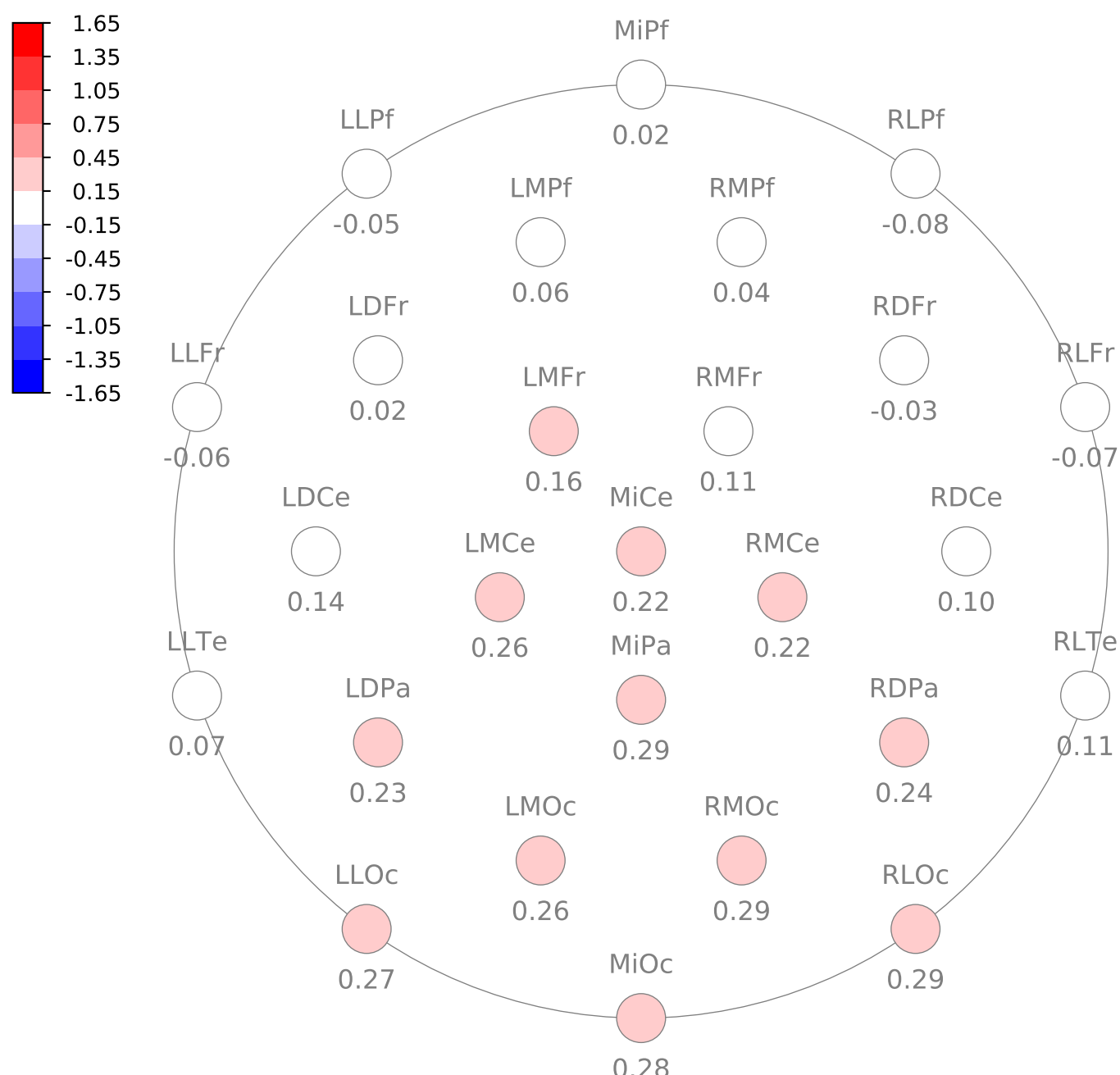
**udck19\_pipeline\_5 10 mean 300 500 sub mean -500 -1 2 article cloze z**

KIP

article cloze  $z + (1 \mid \text{expt}) + (1 \mid \text{sub\_id}) + (1 \mid \text{article\_item\_id})$

article\_cloze\_z + (1 | ex  
article\_cloze\_z Estimate

**A)**

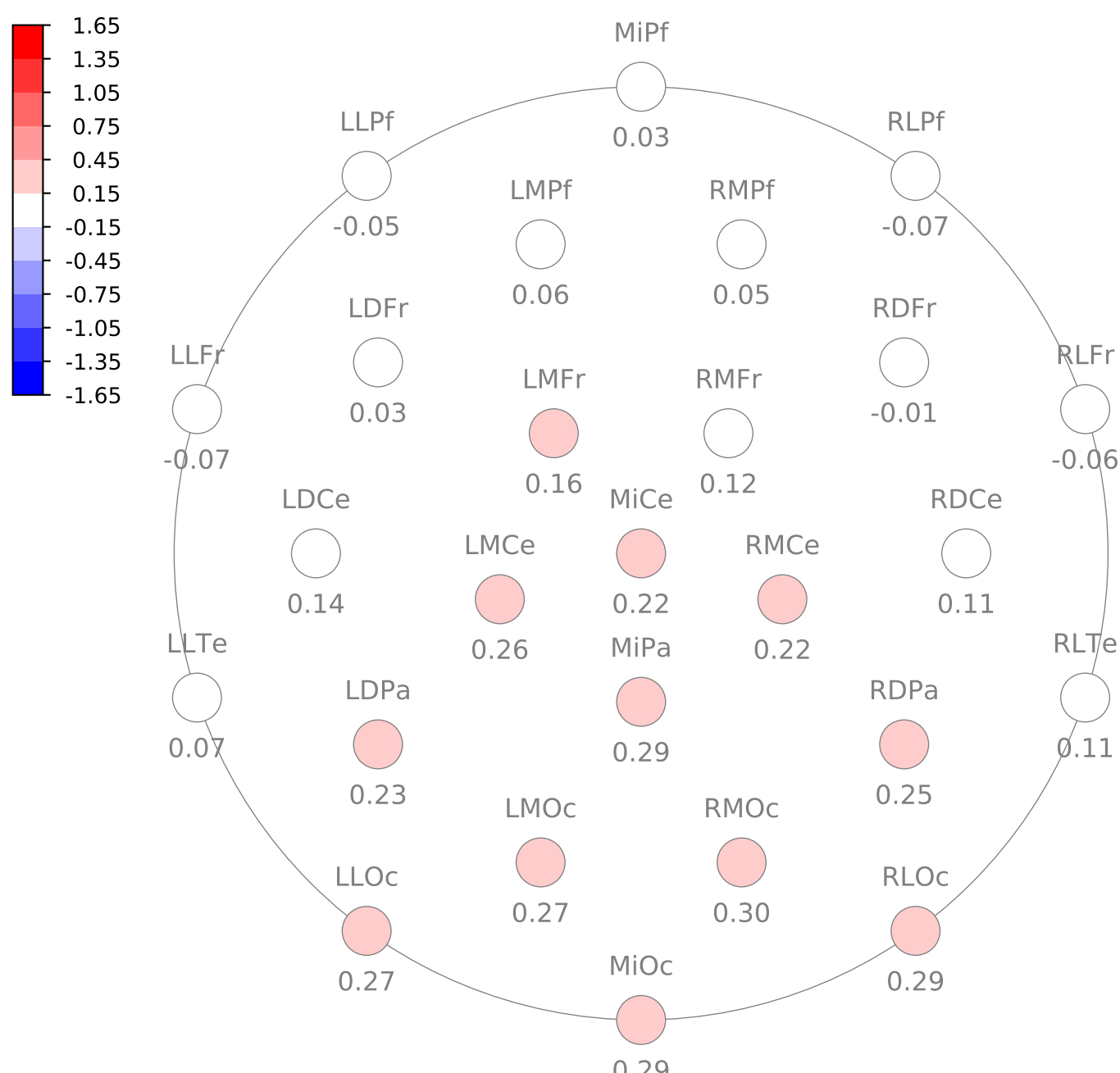


KIM

article\_cloze\_z + (1 | expt) + (article\_cloze\_z | sub\_id) + (1 | article\_item\_id)

article\_cloze\_z + (1 | ex  
article\_cloze\_z Estimate

**B)**



MAX

$$\text{MAX}_{\text{article\_cloze\_z}} + (\text{article\_cloze\_z} | \text{expt}) + (\text{article\_cloze\_z} | \text{sub\_id}) + (\text{article\_cloze\_z} | \text{article\_item\_id})$$
$$\text{article\_cloze\_z} + (\text{article\_cloze\_z} \times \text{Estimate})$$

**C)**

