

Purpose

The basic goal of Collaborative Commentary is to database to commentary from the clinical te communities.

Potential EDUCATION applications include:

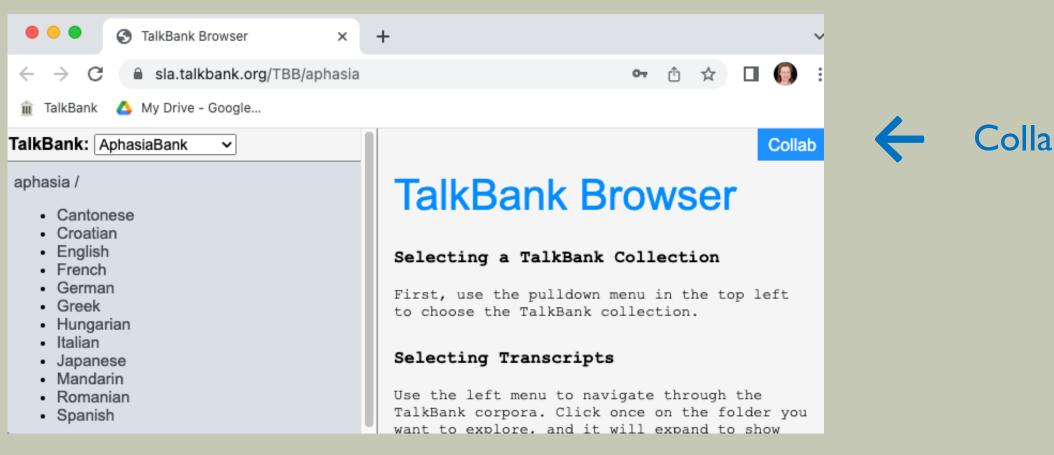
- Identify speech and language behaviors in people of aphasia (or apraxia of speech, RHD, TBI, deme
- Compare and contrast language behaviors acros
- Practice scoring BNTs, VNTs, WAB picture description
- Practice scoring discourse measures like CIUs, r
- Teach clinical reasoning skills e.g., cuing, timing
- Learn treatment techniques through annotated

Potential RESEARCH applications include:

- Evaluate reliability among coders/scorers
- Collectively evaluate and refine descriptions of anomia, apraxia of speech, agrammatism vs parag
- Evaluate competing theories
- Conduct treatment fidelity checks in treatment

WHERE IS COLLABORATIVE

CC is in the TalkBank Browsable Database -- ht where all media files and linked transcripts can be Password protection



A step-by-step **CC** manual is available from a link a https://sla.talkbank.org/CCmanual/

STEP 1: SIGN

Create an account with your email address and a password. Click the blue Collab button and then click the blue New User link.

	STEP 2, cont.			
open up this rich, large, shared eaching and research e with different types and severities entia)	 JOIN a group: Click the blue Collab button Select Request to Join Group Enter the email address of the group owner Click List Available Groups Choose the group and click Request to Join 	vailable groups		
s disorders riptions or other assessments	STEP 3: TAGGING and COMMENTING			
nain concepts, coherence modeling, reinforcing, supporting demonstration videos	Group owners can create tags for coding transcripts. Example of some tags used to code Example of some tags used to score typical aphasia behaviors: and code responses to BNT:			
ehaviors of interest – e.g., fluency, grammatism, gestures s studies COMMENTARY (CC): //sla.talkbank.org/TBB/aphasia scessed with User Name and	Group "aphasia" Tags • acomp: auditory comprehension problem IR • agram: agrammatism IR • agram: agrammatism IR • cda: conduit d'approche IR • cda: conduit d'approche IR • cir: circumlocution IR • es: empty speech IR • jar: jargon IR • mpar: mixed paraphasia IR • per: perseveration IR • per: perseveration IR • par: phonemic paraphasia IR	民前 ror 民前 rget word 民前		
	EXAMPLE of TRANSCRIPTS with COMMENTS & Image: Second Sec	Collab Group: BNT		
Login Email: user@example.com Password: Login New User Forgot password?	Click on the ⓒ to open the Comment/Tag and see what was entered and be 323 ⓒ PAR: aksopos@u [: octopus] [*] ? ► Utterance 323 to 323: student 1: multiple attempts ph 1 ⓒ 359 ⓒ PAR: stetho:^scope [/] stethoscope . ► Transcript: naming res	sponse error code ttempts		
Cola Participate in Group Request to Join Group Request to Join Group O create New Group Manual Log out	Utterance 359 to 359: 0 points, incorrect student 1: correct with phonemic cue 0 Image: Comment: correct but phonemic cue	It with		

STEP 2: CREATE A GROUP a

CREATE a group:

- Click the blue Collab button
- Select Create New Group
- Name your group
- Choose permission level for group members

e	STE	STEP 2, cont.		
o open up this rich, large, shared teaching and research e: ole with different types and severities mentia) oss disorders	 JOIN a group: Click the blue Collab button Select Request to Join Group Enter the email address of the group Click List Available Groups Choose the group and click Request 	Manual Log out		
scriptions or other assessments	STEP 3:TAGGIN	STEP 3: TAGGING and COMMENTING		
, main concepts, coherence ng, modeling, reinforcing, supporting d demonstration videos	Group owners can create tags for coding transcripts. Example of some tags used to code Example of some tags used to score typical aphasia behaviors: and code responses to BNT:			
	Group "aphasia" Tags	Group "BNT-AphasiaBank" Tags		
f behaviors of interest – e.g., fluency, ragrammatism, gestures ent studies ECOMMENTARY (CC) ?	 acomp: auditory comprehension problem (1) agram: agrammatism (1) cda: conduit d'approche (1) cda: conduit d'approche (1) cir: circumlocution (1) es: empty speech (1) jar: jargon (1) mpar: mixed paraphasia (1) 	 0: incorrect 家 回 1: correct 家 面 cl: Circumlocution 家 面 mw: Multi-word paraphasic error 家 面 otu: Other off-target utterances or comments 家 面 p: Perseveration 家 面 perc: Perceptual misnaming 家 面 		
os://sla.talkbank.org/TBB/aphasia e accessed with User Name and	 neo: neologism in per: perseveration in ppar: phonemic paraphasia in 	 ph: Nonword phonemically based paraphasic error in in ph/v: Real word phonemically based paraphasic error in in v: Verbal paraphasia, semantically related to the target word in in v/u: Verbal paraphasia unrelated to the target word in in 		
Contended of the page	Image: Second	<pre>exc]] [: volcano] [* n:k] . anoe] [* n:k-ret] [//] &-uh &+kuln &=head:no no [//] kʊlnu@u [: canoe] [* ver] [* p:w] . groans &=head:no + </pre>		
NUP Login	Click on the C to open the Comme 323 C PAR: aksopos@u [: octopus	ent/Tag and see what was entered and by whom: [*] ? Transcript: naming response Tags (white boxes):		
Email: user@example.com	Utterance 323 to 323: student 1: multiple attempts ph 1	Utterance 323 to 323: 1 point, correct		
New User Forgot password? And/or JOINA GROUP Image Participate in Group Colla Participate in Group Request to Join Group Image Permissions Manage Permissions Image Permissions Nam Manual Image Permissions Image Permissions	Utterance 359 to 359:	Tags (white boxes):		
Log out ? Default future member permissions: • Read Write None Create New Group				
Create New Group				

Collaborative Commentary for AphasiaBank

Brian MacWhinney & Davida Fromm, Carnegie Mellon University, Pittsburgh, PA

STEP 2 cont

-AphasiaE

[* n:k] . ▶





Using the magnifying glass search button you can search for:

Search Collaborative Commentary

Find: Annotated Documents ~

aphasia:

aphasia/English/Aphasia/ACWT/ACWT09a (3) aphasia/English/Aphasia/Thompson/thompson04a (14) aphasia/English/Aphasia/Williamson/williamson23a (7) aphasia/English/Aphasia/Wright/wright201a (5)

2.Annotations by User

Search Collaborative Commentary

Find: Annotations by User ~

Fromm, Davida:

tbi/English/GR/6a_Aphasia (utt 6 to 6) tbi/English/GR/6a_Aphasia (utt 6 to 6) tbi/English/GR/6a_Aphasia (utt 13 to 14) tbi/English/GR/6a_Aphasia (utt 13 to 14) Zhang, Erica:

tbi/English/GR/6a_Aphasia (utt 6 to 6) tbi/English/GR/6a_Aphasia (utt 14 to 14) tbi/English/GR/6b_Dysarthria (utt 3 to 3)

ADDITIONAL FEATURES (some in development)

12 C PAR: &=head:shake long time ago . >

Utterance 12 to 12: Lucida Fu:\$GRA, Very short phrases, missing words like "a"

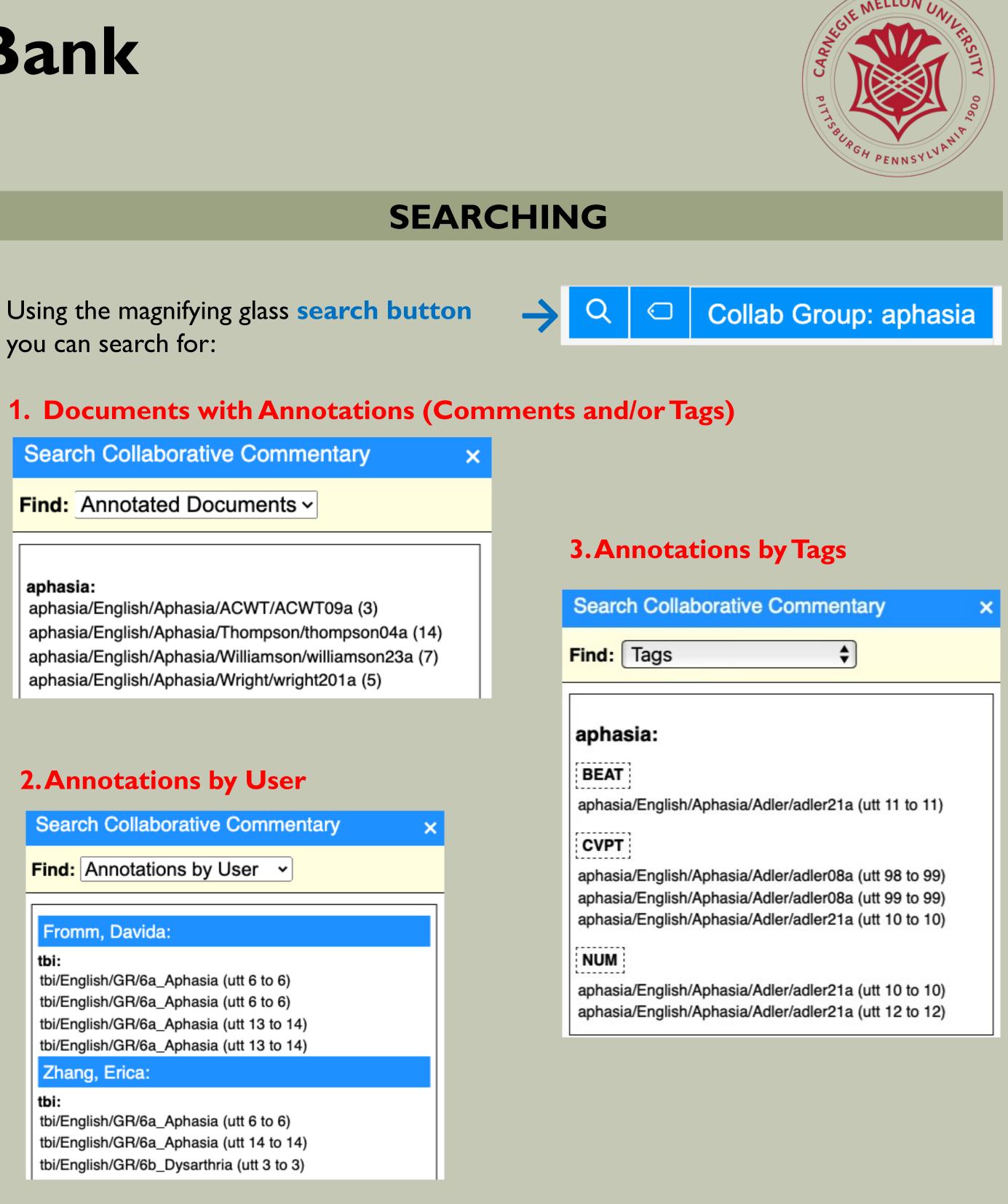
- Hide annotations/tags from other users in group
- Output tags to spreadsheet format and/or to CHAT file •
- Automatic computation of reliability
- Automatic linking of un-transcribed media in 5 second utterances to allow for viewing and commenting

PROPOSED WORK USING Collaborative Commentary

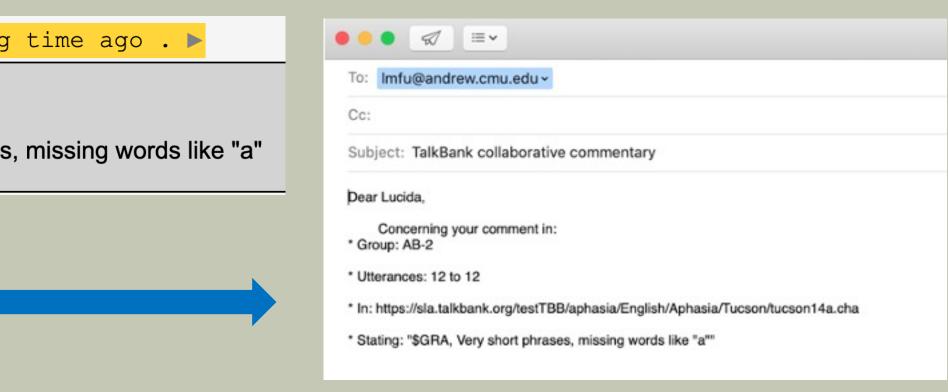
TBIBank -- Elise Elbourn & Leanne Togher

- to code macrostructure in TBI narratives
- for student to reponses to Grand Rounds discussion questions FluencyBank – Nan Bernstein Ratner
- to improve reliability for coding disfluencies such as retraces, repetitions, blocks, etc. **CHILDES** -- Tamis-LeMonda
- to refine the PLAY coding system

ACKNOWLEDGEMENTS



Direct **EMAIL** to coder/scorer by clicking on the name (hyperlink)



- AphasiaBank-- Jessica Richardson & Sarah Grace Dalton
- to validate and extend main concept analysis scoring in transcripts

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