



INDIANA UNIVERSITY BLOOMINGTON

Gierut / Learnability Project



The Learnability Project was founded in 1985 by Judith A. Gierut, Professor Emerita of Speech and Hearing Sciences, Indiana University. Through funding from the National Institutes of Health, the project served as a test site in evaluation of the efficacy of clinical treatment for preschool children with functional (nonorganic) phonological disorders. Children who enrolled contributed longitudinal descriptive phonological samples for linguistic analysis. They also received clinical treatment, designed as single-subject experiments, to establish the optimal teaching conditions to promote phonological learning. Experimental studies were based on the triangulation of theoretical models of linguistics, psycholinguistics, and speech-language pathology, with the aim of bridging theory with application and science with best practices. The Gierut / Learnability Project collections accord with the data-sharing plan of the National Institutes of Health and are intended for broad use by scientists, clinicians, and students interested in language and learning.

Content Statement

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COLUMN HEADING	DESCRIPTION	CITATION ^a
Participant ID	Re-randomized arbitrary ID number assigned to participant to ensure anonymity	
CA (y:m)	Age at consent in years; months	
CA (months)	Age at consent in months	
Family Hx	Family history of communication disorder 1=yes; based on parental report	
Otitis Media Hx	Child history of otitis media 1=yes; based on parental report	
Age of first words	Reported in months; based on parental report	
Oral Mech Struc	Oral-motor structure score	Robbins & Klee (1987)
Oral Mech Func	Oral-motor function score (adjusted for phonological errors)	Robbins & Klee (1987)
GFTA Pre Raw	Raw score on Goldman-Fristoe Test of Articulation at pretreatment	Goldman & Fristoe (1986, 2000)
GFTA Pre %ile	Percentile score on Goldman-Fristoe Test of Articulation at pretreatment	Goldman & Fristoe (1986, 2000)
GFTA Pre SS	Standard score on Goldman-Fristoe Test of Articulation at pretreatment	Goldman & Fristoe (2000)
GFTA Post Raw	Raw score on Goldman-Fristoe Test of Articulation at immediate posttreatment	Goldman & Fristoe (1986, 2000)
GFTA Post %ile	Percentile score on Goldman-Fristoe Test of Articulation at immediate posttreatment	Goldman & Fristoe (1986, 2000)
GFTA Post SS	Standard score on Goldman-Fristoe Test of Articulation at immediate posttreatment	Goldman & Fristoe (2000)
GFTA Post II Raw	Raw score on Goldman-Fristoe Test of Articulation following 'Best' condition of treatment (ATD)	Goldman & Fristoe (1986, 2000)
GFTA Post II %ile	Percentile score on Goldman-Fristoe Test of Articulation following 'Best' condition of treatment (ATD)	Goldman & Fristoe (1986, 2000)
GFTA Post II SS	Standard score on Goldman-Fristoe Test of Articulation following 'Best' condition of treatment (ATD)	Goldman & Fristoe (2000)
GFTA 2wk Raw	Raw score on Goldman-Fristoe Test of Articulation at 2 weeks posttreatment	Goldman & Fristoe (1986, 2000)
GFTA 2wk %ile	Percentile score on Goldman-Fristoe Test of Articulation at 2 weeks posttreatment	Goldman & Fristoe (1986, 2000)
GFTA 2wk SS	Standard score on Goldman-Fristoe Test of Articulation at 2 weeks posttreatment	Goldman & Fristoe (2000)
GFTA 2mo Raw	Raw score on Goldman-Fristoe Test of Articulation at 2 months posttreatment	Goldman & Fristoe (1986, 2000)
GFTA 2mo %ile	Percentile score on Goldman-Fristoe Test of Articulation at 2 months posttreatment	Goldman & Fristoe (1986, 2000)
GFTA 2mo SS	Standard score on Goldman-Fristoe Test of Articulation at 2 months posttreatment	Goldman & Fristoe (2000)
EVT Raw	Raw score on Expressive Vocabulary Test	Williams (1997, 2007)
EVT SS	Standard score on Expressive Vocabulary Test	Williams (1997, 2007)
PPVT Raw	Raw score on Peabody Picture Vocabulary Test	Dunn & Dunn (1997, 2007)
PPVT SS	Standard score on Peabody Picture Vocabulary Test	Dunn & Dunn (1997, 2007)
CELF CoreLang SS	Standard Core Language Score on Clinical Evaluation of Language Fundamentals-Preschool	Wiig et al. (1992, 1995, 2004)
CELF Receptive SS	Standard Receptive Language Score on Clinical Evaluation of Language Fundamentals-Preschool	Wiig et al. (1992, 1995, 2004)
CELF Expressive SS	Standard Expressive Language Score on Clinical Evaluation of Language Fundamentals-Preschool	Wiig et al. (1992, 1995, 2004)
TELD Lang Q	Language Quotient on Test of Early Language Development	Hresko et al. (1981, 1991, 1999)
TOLD Spoken Q	Spoken Language Quotient on Test of Language Development	Newcomer & Hammill (1988; 1997)
TOLD Listening Q	Listening Quotient on Test of Language Development	Newcomer & Hammill (1988; 1997)
TOLD Speaking Q	Speaking Quotient on Test of Language Development	Newcomer & Hammill (1988; 1997)
Leiter IQ SS	Standard score, Full IQ, Visualization and Reasoning Battery, Leiter International Performance Scale-Revised	Levine (1986); Roid & Miller (1997)
Leiter Memory SS	Standard score, Memory Screen, Attention & Memory Battery, Leiter International Performance Scale-Revised	Roid & Miller (1997)
Leiter Cog/Soc Scaled	Scaled Score, Cognitive/Social Rating, Leiter International Performance Scale-Revised	Roid & Miller (1997)
ITPA Scaled	Scaled Score, Illinois Test of Psycholinguistic Abilities-Revised, Auditory Sequential Memory subtest (M=36, SD=6)	Kirk et al. (1968)
NWR	Total percent accuracy on nonword repetition task	Dollaghan & Campbell (1998)
SRT	Total percent accuracy on the Syllable Repetition Task	Shriberg & Lohmeier (2008)
	^a Full reference listed in <i>Learnability Project Working Paper: Participants and Phonological Protocols</i>	

Participant ID	CA (y:m)	CA (months)	Family Hx	Onset Media Hx	Age of first words	Oral Mech Struc	Oral Mech Func	GFTA Pre Raw	GFTA Pre Sile	GFTA Pre SS	GFTA Post Raw	GFTA Post Sile	GFTA Post SS	GFTA Post II Raw	GFTA Post II Sile	GFTA Post II SS	GFTA 2wk Raw	GFTA 2wk Sile	GFTA 2wk SS	GFTA 2mo Raw	GFTA 2mo Sile	GFTA 2mo SS	EVT Raw	EVT SS	PPVT Raw	PPVT SS	CELF Core Language SS	CELF Receptive SS	CELF Expressive SS	TELD Lg Quotient	TOLD Spoken Lg Q	TOLD LIQ (Receptive)	TOLD SpQ (Expressive)	Letter SS	Memory Screen SS	Cop Soc Rating SS	ITPA Scaled	NWR	SRT	Notes						
2701	4:9	57	0	0	-	24	-	38	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	101	-	-	-	110	100	104	97	119	-	-	-	-	-	-	-	-	-			
2762	4:2	50	0	0	10	24	111	35	4	-	33	4	-	-	-	-	29	6	-	23	13	-	-	-	88	144	-	-	-	122	114	126	103	160	-	-	-	-	-	-	-	-	-			
2869	5:0	60	-	-	-	-	-	30	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2886	3:9	45	0	1	12	24	112	37	4	-	36	3	-	-	-	-	34	4	-	25	7	-	-	39	102	55	108	-	-	102	-	-	-	128	-	-	-	-	-	-	-	-	-	-		
2919	4:5	53	1	1	8	23	90	54	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	-	-	-	60	-	-	-	-	-	-	-	-	-	-			
2920	5:8	68	0	0	18	24	108	42	1	-	33	2	-	-	-	-	27	5	-	12	24	-	-	-	57	95	-	-	-	102	103	115	93	131	-	-	-	-	-	-	-	-	-	Age at entry testing = 5:2; GFTA 1mo, raw score = 22, %ile = 9		
2931	5:8	68	0	0	12	24	108	58	1	40	54	1	40	-	-	-	55	1	40	52	1	40	84	116	137	136	108	121	98	-	-	-	-	121	112	101	41	52	80	-	-	-	-	-	Age at entry testing = 5:3	
2951	4:8	56	0	0	7	24	112	50	1	54	48	1	53	-	-	-	49	1	49	48	1	50	47	101	52	93	96	100	90	-	-	-	-	95	96	117	30	41	-	-	-	-	-	-	-	
2963	3:7	43	-	-	-	-	-	41	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3014	3:4	40	0	1	7	24	105	52	1	-	53	1	-	-	-	-	53	1	-	50	1	-	-	-	50	118	-	-	-	121	-	-	-	144	-	-	-	-	-	-	-	-	-	-		
3066	3:11	47	0	1	18	24	105	38	3	-	31	6	-	-	-	-	25	11	-	26	10	-	-	-	46	104	-	-	-	114	100	106	95	111	-	-	-	-	-	-	-	-	-	-		
3079	3:6	42	1	1	-	24	108	45	9	80	43	10	78	-	-	-	45	8	75	49	5	69	63	124	83	123	108	117	109	-	-	-	-	140	96	104	36	46	56	-	-	-	-	-		
3085	3:8	44	0	1	12	24	104	57	1	-	-	-	-	-	-	-	53	1	-	-	-	-	-	-	36	100	-	-	-	106	-	-	-	144	-	-	-	-	-	-	-	-	-	-		
3120	4:7	55	0	1	12	24	104	37	2	-	-	-	-	-	-	-	32	3	-	-	-	-	-	-	36	100	-	-	-	106	-	-	-	144	-	-	-	-	-	-	-	-	-	-	Age at entry testing = 3:8	
3161	5:4	64	0	0	-	24	95	38	1	-	-	-	-	-	-	-	33	2	-	32	3	-	-	-	54	93	-	-	-	93	101	98	105	98	-	-	-	-	-	-	-	-	-	-		
3184	5:6	66	0	0	24	24	112	34	5	65	31	5	67	-	-	-	32	5	66	26	9	74	47	94	71	103	100	102	98	-	-	-	-	102	87	89	28	54	-	-	-	-	-	-	Age at entry testing = 5:1	
3189	4:6	54	1	0	10	-	-	28	5	-	8	43	-	-	-	-	-	-	-	-	-	-	-	-	77	129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3214	4:6	54	1	0	18	24	112	39	6	69	36	6	70	-	-	-	35	6	72	33	9	72	54	118	67	113	105	112	98	-	-	-	-	128	115	93	37	57	-	-	-	-	-	-	Age at entry testing = 4:0; GFTA2 6mo, raw score = 27, %ile = 6, SS = 78	
3224	4:2	50	1	0	17	24	111	30	7	-	30	6	-	-	-	-	28	7	-	29	6	-	-	-	65	120	-	-	-	115	106	119	95	108	-	-	-	-	-	-	-	-	-	-		
3265	4:3	51	1	1	-	24	112	39	10	78	32	13	82	-	-	-	32	13	82	33	10	79	67	115	110	129	110	113	107	-	-	-	-	126	118	104	39	63	72	-	-	-	-	-	-	
3334	5:0	60	0	1	18	24	98	48	1	-	-	-	-	-	-	-	42	1	-	-	-	-	-	-	49	92	-	-	-	96	92	98	88	110	-	-	-	-	-	-	-	-	-	-	-	
3371	3:5	41	1	1	10	23	108	60	2	57	57	2	57	-	-	-	59	1	55	54	3	58	50	122	45	107	137	143	118	-	-	-	-	122	122	106	36	54	-	-	-	-	-	-	-	Age at entry testing = 3:0
3399	3:10	46	1	0	-	24	-	55	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	88	-	-	-	102	-	-	-	104	-	-	-	-	-	-	-	-	-	-	-	
3426	4:8	56	1	1	-	22	107	36	3	-	-	-	-	-	-	-	25	9	-	-	-	-	-	-	51	98	-	-	-	108	105	100	108	148	-	-	-	-	-	-	-	-	-	-		
3447	4:1	49	1	0	18	24	112	36	14	83	34	13	82	-	-	-	34	13	82	35	11	78	57	124	89	131	119	122	116	-	-	-	-	122	143	106	36	66	-	-	-	-	-	-	-	
3459	5:1	61	0	1	-	24	101	40	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	98	-	-	-	98	98	104	93	104	-	-	-	-	-	-	-	-	-	-	Age at entry testing = 4:1	
3476	3:1	37	-	-	-	-	-	43	25	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	93	-	-	-	135	-	-	-	135	-	-	-	-	-	-	-	-	-	-	-	
3531	3:9	45	-	-	-	24	111	31	8	-	24	11	-	-	-	-	19	14	-	17	18	-	-	-	35	95	-	-	-	100	-	-	-	117	-	-	-	-	-	-	-	-	-	-	-	
3572	4:5	53	0	0	5	24	112	34	4	-	31	5	-	-	-	-	30	5	-	29	5	-	-	-	52	100	-	-	-	109	87	100	78	111	-	-	-	-	-	-	-	-	-	-	-	
3605	3:5	41	0	0	17	22	110	44	13	76	44	9	72	-	-	-	44	9	72	45	7	69	41	108	50	105	106	112	100	-	-	-	-	121	96	104	36	63	-	-	-	-	-	-	-	
3608	3:6	42	-	-	-	24	110	40	13	79	28	30	91	25	31	93	25	31	93	19	39	98	42	107	68	118	112	110	114	-	-	-	-	108	103	98	38	74	-	-	-	-	-	-	-	-
3617	4:1	49	1	0	8	23	108	50	1	-	-	-	-	-	-	-	46	1	-	-	-	-	-	-	69	127	-	-	-	122	116	113	117	162	-	-	-	-	-	-	-	-	-	-	-	
3623	4:4	52	0	0	18	-	-	25	12	-	25	11	-	-	-	-	-	-	-	-	-	-	-	-	49	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3640	3:3	39	1	0	10	24	108	47	16	82	-	-	-	-	-	-	-	-	-	-	-	-	-	50	124	52	109	120	118	122	-	-	-	-	124	118	76	35	64	-	-	-	-	-	-	-
3683	7:5	89	1	0	12	24	112	39	1	40	-	-	-	-	-	-	-	-	-	-	-	-	-	100	108	119	99	-	-	-	-	-	-	122	-	-	-	37	-	-	-	-	-	-	-	
3694	4:8	56	1	0	12	23	110	43	2	61	36	4	67	-	-	-	38	3	62	38	3	62	-	-	81	114	-	-	-	133	120	109	118	110	-	-	-	53	-	-	-	-	-	-		
3696	4:4	52	0	1	6	24	112	30	4	-	14	21	-	-	-	-	15	16	-	23	7	-	-	-	82	134	-	-	-	110	114	115	112	154	-	-	-	-	-	-	-	-	-	-	-	-
3718	3:10	46	-	1	8	24	108	26	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	114	-	-	-	114	-	-	-	140	-	-	-	-	-	-	-	-	-	-	-	-
3814	3:0	36	1	0	8	24	111	36	12	-	22	48	-	-	-	-	24	31	-	23	34	-	-	-	41	117	-	-	-	106	-	-	-	135	-	-	-	-	-	-	-	-	-	-	-	-
3848	5:8	68	0	1	18	-	-	27	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	87	-	-	-	85	-	-	-	91	-	-	-	-	-	-	-	-	-	-	-	-
3851	4:10	58	1	0	-	24	112	48	3	57	46	1	54	-	-	-	42	2	59	40	1	57	58	111	89	118	90	91	90	-	-	-	-	94	96	98	30	38	-	-	-	-	-	-	-	-
3903	3:8	44	1	0	12	24	109	67	1	57	65	1	51	-	-	-	65	1	51	61	1	53	57	126	72	121	112	109	105	-	-	-	-	124	100	82	35	27	32	-	-	-	-	-	-	Age at entry testing = 3:2
3904	5:1	61	0	0	7																																									

Participant ID	CA (y:m)	CA (months)	Family Hx	Otitis Media Hx	Age of first words	Oral Mech Struc	Oral Mech Func	GFTA Pre Raw	GFTA Pre Sile	GFTA Pre SS	GFTA Post Raw	GFTA Post Sile	GFTA Post SS	GFTA Post II Raw	GFTA Post II Sile	GFTA Post II SS	GFTA 2wk Raw	GFTA 2wk Sile	GFTA 2wk SS	GFTA 2mo Raw	GFTA 2mo Sile	GFTA 2mo SS	EVT Raw	EVT Sile	PPVT Raw	PPVT Sile	CELF Core Language SS	CELF Receptive SS	CELF Expressive SS	TELD Lg Quotient	TOLD Spoken Lg Q	TOLD LgQ (Receptive)	TOLD SpQ (Expressive)	Letter SS	Memory Screen SS	Cop Soc Rating SS	ITPA Scaled	NWR	SRT	Notes			
4579	5:9	69	1	1	9	24	112	37	3	58	16	15	86	-	-	-	15	17	88	12	19	92	63	106	78	106	112	110	114	-	-	-	-	126	106	109	38	71	-	Age at entry testing = 5:5			
4637	4:4	52	1	1	9	24	107	49	1	-	24	8	-	-	-	-	22	10	-	11	29	-	-	-	57	104	-	-	-	123	99	98	100	137	-	-	-	-	-	-	Age at entry testing = 4:9		
4674	3:10	46	0	0	12	23	104	42	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	93	-	-	-	109	87	89	87	100	-	-	-	-	-	-	-		
4679	3:5	41	0	1	11	24	110	37	7	-	24	22	-	-	-	-	22	21	-	25	13	-	-	-	29	92	-	-	-	96	-	-	-	116	-	-	-	-	-	-	GFTA 19mo, raw score = 18, %ile = 15		
4699	3:11	47	1	0	8	24	111	49	5	69	48	5	68	-	-	-	48	5	68	-	-	-	-	-	78	122	-	-	-	135	-	-	-	150	-	-	52	-	-	-	GFTA Pre, raw score = 44, %ile = 1		
4746	3:10	46	1	0	12	24	107	46	1	-	50	1	-	-	-	-	48	1	-	43	1	-	-	-	44	104	-	-	-	108	-	-	-	123	-	-	-	-	-	-	GFTA 4mo, raw score = 44, %ile = 1		
4747	4:3	51	0	1	12	24	112	39	3	-	38	2	-	-	-	-	39	2	-	36	3	-	-	-	55	106	-	-	-	115	101	104	98	126	-	-	-	-	-	-	-		
4789	6:3	75	1	0	5	24	110	35	1	-	24	5	-	-	-	-	28	3	-	23	5	-	-	-	79	106	-	-	-	108	92	91	93	130	-	-	-	-	-	-	-		
4822	5:9	69	1	1	12	-	-	25	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77	110	-	-	-	109	-	-	-	-	-	-	-	-	-	-	-		
4844	3:5	41	1	1	-	24	112	53	7	73	40	11	81	-	-	-	38	14	83	37	15	84	-	-	65	118	-	-	-	130	-	-	-	112	-	-	38	-	-	-	GFTA 2wk = GFTA2 1mo; GFTA2 6mo, raw score = 35, %ile = 12, SS = 80		
4852	4:2	50	-	-	-	24	111	21	16	-	18	13	-	-	-	-	16	16	-	15	18	-	-	-	29	88	-	-	-	110	-	-	-	115	-	-	-	-	-	-	-	Age at entry testing = 3:9; GFTA Pre 2, raw score = 26, %ile = 7	
4897	5:11	71	0	0	12	24	112	43	1	45	40	1	47	-	-	-	42	1	44	37	1	50	53	98	81	106	98	102	92	-	-	-	-	131	106	106	31	65	-	-	-	Age at entry testing = 5:5	
4966	4:9	57	1	0	-	24	109	30	5	-	24	10	-	-	-	-	31	5	-	31	4	-	-	-	46	106	-	-	-	97	-	-	-	109	-	-	-	-	-	-	-	Age at entry testing 3:10	
4969	3:9	45	0	0	8	24	112	47	8	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	111	-	-	-	104	90	98	85	103	-	-	26	-	-	-	-		
4987	4:3	51	-	-	-	24	106	29	7	-	20	17	-	-	-	-	17	22	-	19	19	-	-	-	51	112	-	-	-	126	-	-	-	128	-	-	-	-	-	-	-	Age at entry testing = 3:9; GFTA2 18mo, raw score=19, %ile=12, SS=82	
5004	4:3	51	0	0	24	24	109	45	1	-	42	1	-	-	-	-	37	2	-	38	2	-	-	-	45	117	-	-	-	133	-	-	-	142	-	-	-	-	-	-	-	Age at entry testing = 3:1	
5185	4:3	51	0	1	24	24	110	24	13	-	18	18	-	-	-	-	16	21	-	9	47	-	-	-	66	117	-	-	-	135	122	121	120	109	-	-	-	-	-	-	-	-	
5189	4:5	53	0	1	8	22	97	43	1	-	39	2	-	-	-	-	36	3	-	32	4	-	-	-	68	125	-	-	-	102	100	109	93	106	-	-	-	-	-	-	-	Age at entry testing = 3:11; GFTA 2wk = GFTA 1mo	
5194	4:8	56	0	1	-	24	109	34	3	-	26	5	-	-	-	-	27	4	-	27	4	-	-	-	49	104	-	-	-	100	103	115	93	133	-	-	-	-	-	-	-	Age at entry testing = 4:2	
5202	3:2	38	1	1	12	24	105	71	1	58	67	1	57	-	-	-	66	1	58	66	1	55	49	125	50	109	112	112	112	-	-	-	-	118	109	101	44	36	-	-	-		
5244	3:2	38	1	0	12	24	109	70	1	58	65	1	61	-	-	-	66	1	58	67	1	57	57	126	72	121	112	109	105	-	-	-	-	124	100	82	35	27	32	-	-		
5330	3:2	38	1	0	18	24	102	38	10	-	23	31	-	-	-	-	25	25	-	27	19	-	-	-	69	138	-	-	-	127	-	-	-	126	-	-	-	-	-	-	-	GFTA 6mo, raw score = 19, %ile = 37	
5485	5:8	68	0	1	30	-	-	20	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	99	-	-	-	94	-	-	-	106	-	-	-	-	-	-	-		
5497	3:6	42	1	0	-	24	106	31	10	-	29	10	-	-	-	-	30	9	-	30	9	-	-	-	52	127	-	-	-	120	-	-	-	137	-	-	-	-	-	-	-	Age at entry testing = 3:1	
5506	4:11	59	0	0	12	24	112	45	1	57	42	1	56	-	-	-	-	-	-	-	-	-	-	49	99	56	93	94	98	88	-	-	-	91	96	92	36	52	-	-	-		
5556	4:2	50	-	0	-	23	104	50	1	-	-	-	-	-	-	-	26	6	-	-	-	-	-	-	31	83	-	-	-	102	99	-	97	102	-	-	-	-	-	-	-	-	
5559	4:8	56	0	1	-	24	110	37	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	104	-	-	-	92	105	124	90	126	-	-	-	-	-	-	-	-	
5563	4:1	49	1	0	-	24	110	48	1	-	51	1	-	-	-	-	50	1	-	48	1	-	-	-	49	104	-	-	-	130	106	106	105	116	-	-	-	-	-	-	-	-	
5587	5:11	71	1	1	14	24	108	33	1	-	30	3	-	-	-	-	29	2	-	28	2	-	-	-	66	96	-	-	-	106	88	102	78	117	-	-	-	-	-	-	-	-	
5631	4:7	55	0	1	12	24	109	19	12	-	19	11	-	-	-	-	17	13	-	14	16	-	-	-	96	135	-	-	-	110	106	106	105	122	-	-	-	-	-	-	-	-	Age at entry testing 4:0
5673	4:4	52	1	0	-	24	111	67	1	40	68	1	40	-	-	-	71	1	40	69	1	40	51	108	57	98	96	106	85	-	-	-	-	89	90	82	27	32	-	-	-	-	
5696	3:11	47	0	1	7	24	105	50	1	-	41	1	-	-	-	-	42	1	-	43	1	-	-	-	50	118	-	-	-	121	-	-	-	144	-	-	-	-	-	-	-	Age at entry testing = 3:4 : GFTA 6mo, raw score = 29, %ile = 6	
5710	4:6	54	1	0	8	24	109	46	3	59	42	3	63	-	-	-	43	3	61	42	2	61	55	114	79	117	114	114	114	-	-	-	-	114	93	101	40	69	-	-	-		
5757	3:10	46	0	1	24	24	99	40	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	83	-	-	-	85	90	98	80	100	-	-	-	-	-	-	-	-	
5772	3:0	36	-	-	-	24	109	56	1	-	46	1	-	-	-	-	-	-	-	-	-	-	-	-	38	115	-	-	-	110	-	-	-	132	-	-	-	-	-	-	-	-	
5773	3:9	45	0	1	12	24	112	38	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	107	-	-	-	114	-	-	-	126	-	-	-	-	-	-	-	-	GFTA Follow up, raw score = 24, %ile = 13; GFTA Follow up 2, raw score = 17, %ile = 22
5863	4:5	53	1	1	12	24	110	41	1	-	37	2	-	-	-	-	38	2	-	37	2	-	-	-	30	78	-	-	-	97	91	91	92	142	-	-	-	-	-	-	-	-	
5908	4:1	49	0	1	-	24	-	50	1	-	24	12	-	-	-	-	-	-	-	-	-	-	-	-	47	105	-	-	-	104	84	87	83	127	-	-	-	-	-	-	-	-	GFTA 5mo, raw score = 23, %ile = 11
5922	3:11	47	1	0	18	23	107	37	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	98	-	-	-	94	93	91	95	92	-	-	-	-	-	-	-	-	
5952	4:0	48	1	0	12	24	109	48	6	70	50	4	63	-	-	-	45	6	68	41	7	71	39	97	51	100	88	89	88	-	-	-	-	105	90	76	30	36	-	-	-		
5991	5:2	62	1	1	11	24	112	45	1	-	45	1	-	-	-	-	43	1	-	43	1	-	-	-	63	102	-	-	-	98	92	96	90	102	-	-	-	-	-	-	-	-	
6068	4:0	48	1	0	12	24	105	55	1	-	53	1	-	-	-	-	53	1	-	51	1	-	-	-	35	91	-	-	-	118	80	97	73	127	-	-	-	-	-	-	-	-	
6112	3:6	42	1	1	-	-	-	43	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	98	-	-	-	108	-	-	-	131	-	-	-	-	-	-	-	-	
6200	4:11	59	0	1	13	24	104	32	4	-	32	4	-	-	-	-	-	-	-	-	-	-	-	-	52	95	-	-	-	94	95	102	90	110	-	-	-	-	-				

