

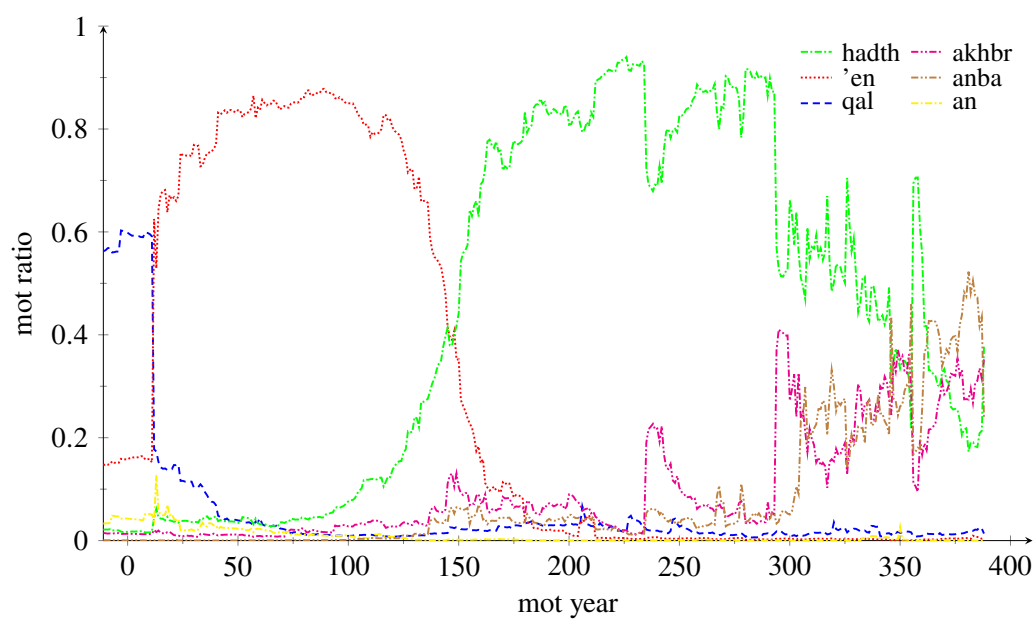
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# Analyzing the Mode of Transmission Phases in the Isnads

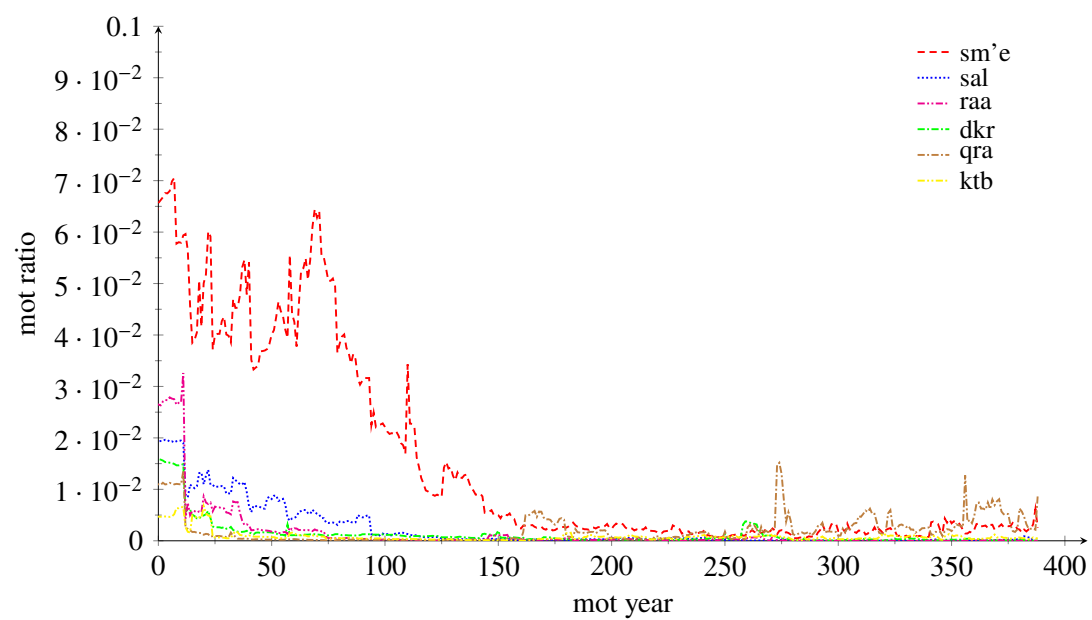
# 1 Numerical Analysis

mot	max	median	mean	total	dom. val	dom. year
'ela	26	1	1	321	0.212	-10
ela	15	1	1	196	0.123	-10
'eta	16	1	0	201	0.153	-10
ktb	152	6	2	2045	0.842	-10
mn	54	2	1	612	0.346	-10
rsl	51	2	0	640	0.278	-10
sal	445	18	2	6997	2.61	-10
shhd	121	3	1	1133	0.607	-10
sm'e	1381	88	13	35134	8.733	-10
yrđ	38	2	0	437	0.298	-10
l	132	4	1	1514	0.919	-9
raa	759	19	1	7459	3.376	-5
dkr	347	12	2	4720	1.812	-4
adn	41	2	0	541	0.253	-2
qal	13759	428	73	170962	60.283	-2
rf'e	98	3	0	881	0.442	9
blgh	14	1	1	199	0.071	11
lqa	57	2	1	550	0.241	12
an	1175	47	6	18791	12.627	14
z'em	19	1	1	317	0.255	15
'en	8595	1402	148	560533	87.803	90
hdth	6534	1447	737	578518	94.002	227
rwa	19	2	1	619	0.39	229
qra	315	11	2	4152	1.517	275
akhbr	1108	216	157	86313	41.051	296
anba	858	126	90	50113	52.265	382

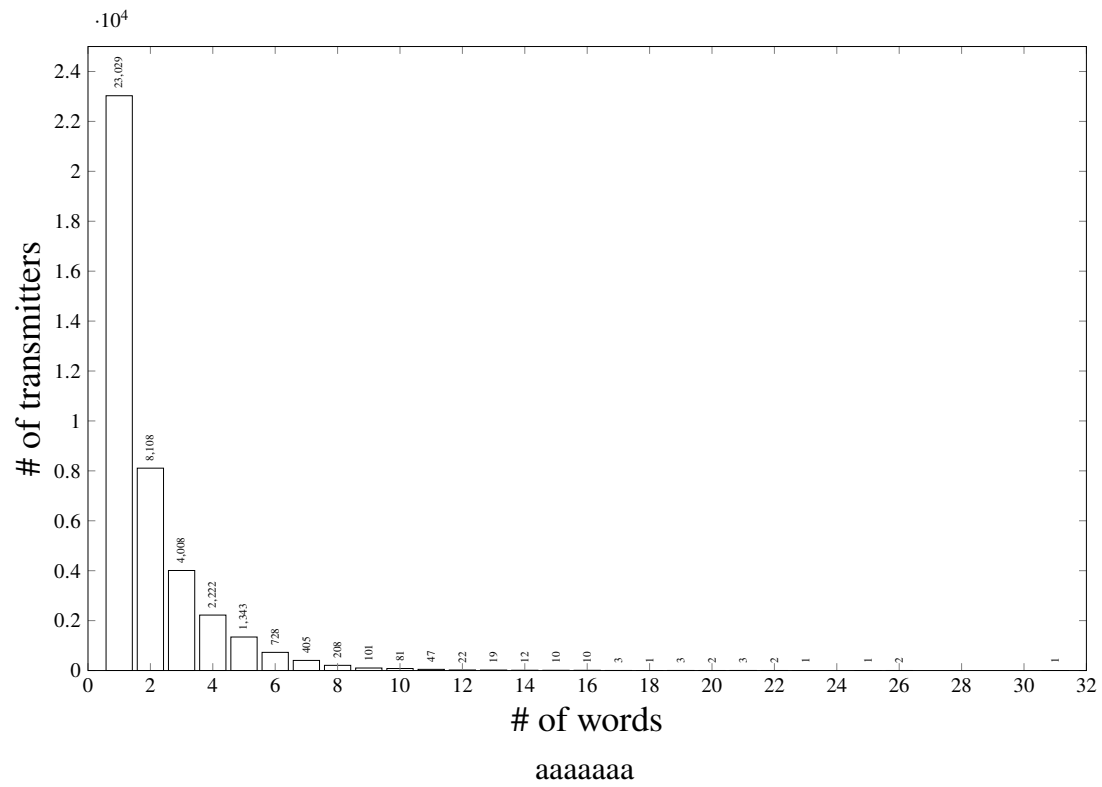
## 2 MoT Word Proportion Over Time (Tier 1 and Tier 2)



### 3 MoT Word Proportion Over Time (Tier 3)



## 4 Number of MoT Words Used by Transmitters



## 5 MoT Number and Percentage of Transmitters Used

mot	num transmitters	per. transmitters
hdth	28594	70.826
'en	14527	35.983
akhbr	11796	29.218
anba	8018	19.86
qal	6290	15.58
sm'e	3399	8.419
an	1875	4.644
qra	1022	2.531
ktb	694	1.719
dkr	677	1.677
rwa	617	1.528
raa	416	1.03
sal	369	0.914
mn	232	0.575
l	128	0.317
shhd	117	0.29
lqa	115	0.285
z'em	84	0.208
'ela	67	0.166
rsl	66	0.163
ela	60	0.149
blgh	45	0.111
adn	23	0.057
rf'e	18	0.045
yrđ	16	0.04
'eta	10	0.025

## 6 Specific Transmitters that Used Each MoT the Most in a Given Time Bound

year	span	hdth	'en	qal	akhbr	anba	an	sm'e	sal	raa	dkr	qra	ktb
-10	0	4396	4396	4396	4883	4049	4883	4396	4883	4049	4049	4049	4883
0	10	4396	4396	4396	4883	4049	4967	4396	4967	4967	4049	4049	4883
10	20	4396	4396	4396	4883	4049	4967	4396	4967	4967	4049	4049	4883
20	30	4396	4396	4396	4883	4049	720	4396	4967	4967	4049	4049	4883
30	40	4396	4396	4396	4883	4049	720	4396	4967	4967	4049	4049	4883
40	50	4396	7863	4396	4883	4049	720	4396	4967	4967	4049	4049	4883
50	60	7272	7272	720	7272	7272	720	4967	4967	4967	4967	4883	4883
60	70	7272	7272	720	7272	7272	720	4967	4967	4967	4967	4883	720
70	80	6811	7272	720	7272	7272	720	720	720	720	720	720	720
80	90	6811	7272	720	5223	3795	720	720	720	720	720	720	720
90	100	6811	7272	720	5223	2492	720	7270	720	720	720	720	720
100	110	6811	7272	7272	5223	2492	6080	7270	2531	4118	6811	7607	7272
110	120	3443	7272	7272	5223	8488	6080	7270	2531	3122	6811	7607	7272
120	130	6904	3795	5223	5223	8488	6080	7607	2531	4533	7743	7607	3795
130	140	3585	3795	3585	5147	4533	6080	7607	2531	4533	7743	7607	3795
140	150	3585	3795	3585	5147	4533	6080	7607	4457	4533	7743	8350	3795
150	160	5049	3795	7426	5147	4533	5147	7607	3795	4533	7743	8350	3795
160	170	488	3443	5049	5147	4533	5147	7607	5281	4533	7743	8350	5551
170	180	488	3443	5049	5147	4533	5147	7607	5281	4533	7743	8350	5551
180	190	488	3443	5049	5147	4533	5147	7607	5281	4533	7743	8350	5551
190	200	488	3443	5049	29199	4533	5147	3443	5281	4533	7743	8350	6295
200	210	488	4533	5049	29199	4533	7117	7186	488	4533	7743	8350	6295
210	220	488	402	5049	9880	9880	7117	7186	488	4533	23092	8350	6295
220	230	488	402	5049	9880	9880	7117	7186	488	3711	23092	8350	6295
230	240	488	402	10025	9880	9880	7117	7186	488	3711	28227	488	6295
240	250	10025	918	10025	9880	9880	10306	7186	20916	6823	10306	12613	6295
250	260	10025	918	10025	9880	9880	10306	3567	20916	6823	10306	9866	6295
260	270	10025	918	10025	9880	9880	10306	3567	20916	6823	10306	9866	4657
270	280	10025	918	10025	9880	9880	10306	1540	20916	6823	10306	9866	4657
280	290	18570	918	10025	9880	9880	10306	1540	20916	10437	10306	9866	4657
290	300	18570	9880	10025	9880	9880	10306	1540	20916	10437	10306	9866	28842