Question 1: To predict the difference between “the observed relatedness and the maximum potential relatedness”, we have a question regarding the **tomb parameter data set**:

	A	B	C	D	E	K	L	M	N	O
1		estimated number of burials	sample numbers			genetic analyses				
2		MNI (minimum number of individuals)	original number of samples	same individual sampled twice	max number of individuals	TWIST capture samples included in kinship analysis	after merging samples from same individual	length of use of tomb	percentage of successful samples	
3	Amfissa tholos	110	165	2	163	9	88	about 450 years	60%	
4	Elateia T31	26	21	0	16	6	5	about 500 years	38%	
5	Elateia T36	48	33	0	33	1	16	about 500 years	48%	
6	Elateia T46	-	104	3	101	4	37	about 600 years	48%	
7	Elateia T47	13	20	0	20	1	7	about 150 years	60%	
8	Elateia T50	64	77	1	76	3	23	about 500 years	41%	
9	Elateia T56	-	103	1	102	3	30	about 500 years	32%	
10	Elateia T62	134	130	5	125	3	28	about 500 years	30%	
11	Elateia T67	-	21	0	21	1	7	about 300 years	52%	
12	Elateia 46,56,62 (ficti	est. 250/300/350/400	337	9	328	1 8	95	about 600 years	36%	
13										
14		*please include in analysis comparison with tombs 46, 56, 62 fictitously counted as one to				*two individuals with each two duplicate samples which were distributed between T46 and 56 are excluded from these counts				
15										

maximum potential number of individuals in that tomb?

number of actual observed individuals?

Question 2: We understand from the project description that when two individuals share **fewer** than a certain threshold **overlapping SNPs**, their relationship will be **labeled as uncertain**. In calculating **maximum potential relatedness**, should we therefore **ignore the uncertainty caused by low SNP overlap and treat all such pairs as related**?
If so, what degree of relatedness should we assign to these pairs?

	B	J
	Rel	OverlapNSNPs
	First Degree	41
	First Degree	59
	First Degree	68
	First Degree	77
	First Degree	63
	First Degree	45
	First Degree	36
	First Degree	36
	First Degree	36
	First Degree	36
	First Degree	27
	First Degree	27

Question 3: From the second research question, which asks us to “**estimate relatedness patterns using individual-level covariates**”, could you clarify what the exact expectation is?
Do you mean that we should build a model that, **given two individuals’ sex, age, and skeletal element**, can **predict whether they are related** (and possibly the degree of relatedness)?

Question 4: From the second research question, we are asked to consider that some of the factors may be confounded with DNA preservation quality. We want to clarify, by **DNA preservation quality as a confounder**, do we mean we need to consider that **some skeletal elements preserve DNA better than others**?

Question 5: Could we use the pictures that were provided in the Project description earlier for the presentation? Because we noticed that below the pictures were written “for internal use!”.

Figure 6: a pit deposition with commingled skeletal material (only for internal use!)

Figure 7: excavated chamber with floor pits in tomb 62 (only for internal use!)