



**California Department of Education
Assessment Development &
Administration Division**



**Summative English Language
Proficiency Assessments for California
Technical Report
2017–18 Administration**

Chapter 9 Appendix

**Final Submitted October 11, 2019
Educational Testing Service**



Contract No. CN140284

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Appendix 9.A: Correlation Coefficients

Table 9.A.1 Correlation Coefficients Among Four Domains and Composite Scores for Kindergarten

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.655	0.702	0.483	0.881	0.644
Speaking	NA	1.000	0.634	0.460	0.935	0.596
Reading	NA	NA	1.000	0.658	0.727	0.900
Writing	NA	NA	NA	1.000	0.516	0.920
Oral Language	NA	NA	NA	NA	1.000	0.676
Written Language	NA	NA	NA	NA	NA	1.000

Table 9.A.2 Correlation Coefficients Among Four Domains and Composite Scores for Grade One

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.648	0.574	0.552	0.903	0.602
Speaking	NA	1.000	0.518	0.540	0.913	0.561
Reading	NA	NA	1.000	0.752	0.601	0.958
Writing	NA	NA	NA	1.000	0.601	0.910
Oral Language	NA	NA	NA	NA	1.000	0.640
Written Language	NA	NA	NA	NA	NA	1.000

Table 9.A.3 Correlation Coefficients Among Four Domains and Composite Scores for Grade Two

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.590	0.597	0.539	0.847	0.618
Speaking	NA	1.000	0.488	0.522	0.929	0.538
Reading	NA	NA	1.000	0.715	0.595	0.960
Writing	NA	NA	NA	1.000	0.591	0.883
Oral Language	NA	NA	NA	NA	1.000	0.637
Written Language	NA	NA	NA	NA	NA	1.000

Table 9.A.4 Correlation Coefficients Among Four Domains and Composite Scores for Grade Span Three Through Five

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.544	0.590	0.533	0.828	0.617
Speaking	NA	1.000	0.482	0.586	0.921	0.569
Reading	NA	NA	1.000	0.677	0.596	0.948
Writing	NA	NA	NA	1.000	0.639	0.877
Oral Language	NA	NA	NA	NA	1.000	0.667
Written Language	NA	NA	NA	NA	NA	1.000

Table 9.A.5 Correlation Coefficients Among Four Domains and Composite Scores for Grade Span Six Through Eight

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.532	0.540	0.565	0.800	0.617
Speaking	NA	1.000	0.418	0.649	0.934	0.576
Reading	NA	NA	1.000	0.578	0.524	0.925
Writing	NA	NA	NA	1.000	0.699	0.844
Oral Language	NA	NA	NA	NA	1.000	0.669
Written Language	NA	NA	NA	NA	NA	1.000

Table 9.A.6 Correlation Coefficients Among Four Domains and Composite Scores for Grade Span Nine Through Ten

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.598	0.657	0.628	0.823	0.708
Speaking	NA	1.000	0.518	0.714	0.947	0.657
Reading	NA	NA	1.000	0.653	0.630	0.939
Writing	NA	NA	NA	1.000	0.757	0.873
Oral Language	NA	NA	NA	NA	1.000	0.748
Written Language	NA	NA	NA	NA	NA	1.000

Table 9.A.7 Correlation Coefficients Among Four Domains and Composite Scores for Grade Span Eleven Through Twelve

Domain	Listening	Speaking	Reading	Writing	Oral Language	Written Language
Listening	1.000	0.571	0.653	0.639	0.818	0.715
Speaking	NA	1.000	0.474	0.676	0.940	0.617
Reading	NA	NA	1.000	0.627	0.605	0.934
Writing	NA	NA	NA	1.000	0.740	0.864
Oral Language	NA	NA	NA	NA	1.000	0.731
Written Language	NA	NA	NA	NA	NA	1.000