|  |
| --- |
| Appendix B*Regression Results* |
| **Full Sample (Including SETs and GETs)** |
| Variable | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 | Model 6 |
| SET assignment | 0.027 | 0.016 | 0.014 | 0.016 | 0.016 | 0.016 |
| (0.039) | (0.033) | (0.033) | (0.033) | (0.033) | (0.033) |
| Grades | 0.016 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| (0.011) | (0.009) | (0.009) | (0.009) | (0.009) | (0.009) |
| Subjects | -0.012 | -0.009 | -0.009 | -0.009 | -0.010 | -0.009 |
| (0.150) | (0.012) | (0.013) | (0.012) | (0.012) | (0.012) |
| Student problems | -0.452\*\*\* | -.219\*\*\* | -0.219\*\*\* | -0.219\*\*\* | -0.208\*\*\* | -0.218\*\*\* |
| (0.016) | (0.015) | (0.015) | (0.015) | (0.035) | (0.015) |
| Time | -0.006\*\*\* | -.005\*\*\* | -0.005\*\*\* | -0.005\*\*\* | -0.005\*\*\* | -0.005\*\*\* |
| (0.001) | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| School FRL | -0.002\*\*\* | -.002\*\*\* | -0.002\*\*\* | -0.001 | -0.002\*\*\* | -0.002\*\*\* |
| (0.001) | (0.000) | (0.000) | (0.001) | (0.000) | (0.000) |
| Secondary | 0.245\*\*\* | 0.185\*\*\* | 0.183\*\*\* | 0.185\*\*\* | 0.184\*\*\* | 0.185\*\*\* |
| (0.030) | (0.027) | (0.027) | (0.027) | (0.027) | (0.027) |
| Combined | 0.117\* | 0.103 | 0.103 | 0.104\*\* | 0.103\* | 0.103\*\* |
| (0.050) | (0.039) | (0.040) | (0.027) | (0.039) | (0.039) |
| Admin. support |  | 0.438\*\*\* | 0.418\*\*\* | 0.337\*\*\* | 0.436\*\*\* | 0.439\*\*\* |
|  | (0.018) | (0.020) | (0.031) | (0.019) | (0.019) |
| Collegial support |  | 0.082\*\*\* | 0.085\*\*\* | 0.129\*\*\* | 0.085\*\*\* | 0.083\*\*\* |
|  | (0.018) | (0.019) | (0.030) | (0.019) | (0.018) |
| Instructional materials |  | 0.066\*\*\* | 0.068\*\*\* | 0.087\*\*\* | 0.066\*\*\* | 0.066\*\*\* |
|  | (0.013) | (0.014) | (0.023) | (0.013) | (0.013) |
| Early career |  | -0.071\* | -0.123 | -0.072\* | -0.072\* | -0.072\* |
|  | (0.029) | (0.065) | (0.029) | (0.029) | (0.029) |
| Late career |  | 0.141\*\*\* | 0.142\*\*\* | 0.141\*\*\* | 0.139\*\*\* | 0.141\*\*\* |
|  | (0.027) | (0.028) | (0.027) | (0.027) | (0.027) |
| Full cert. |  | 0.014 | -0.011 | 0.050 | 0.012 | 0.014 |
|  | (0.041) | (0.055) | (0.065) | (0.040) | (0.040) |
| Early\*Admin. |  |  | 0.109\* |  |  |  |
|  |  | (0.044) |  |  |  |
| Early\*Coll. |  |  | -0.021 |  |  |  |
|  |  | (0.036) |  |  |  |
| Early\*Inst. |  |  | -0.017 |  |  |  |
|  |  | (0.029) |  |  |  |
| Early\*Cert. |  |  | 0.052 |  |  |  |
|  |  | (0.071) |  |  |  |
| FRL\*Admin. |  |  |  | 0.002\*\* |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Coll. |  |  |  | -0.001 |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Inst. |  |  |  | -0.000 |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Cert. |  |  |  | -0.001 |  |  |
|  |  |  | (0.001) |  |  |
| Problems\*Admin. |  |  |  |  | 0.022 |  |
|  |  |  |  | (0.018) |  |
| Problems\*Coll. |  |  |  |  | -0.010 |  |
|  |  |  |  | (0.015) |  |
| Problems\*Instruct. |  |  |  |  | -0.002 |  |
|  |  |  |  | (0.011) |  |
| Problems\*Cert. |  |  |  |  | -0.010 |  |
|  |  |  |  | (0.036) |  |
| Admin.\*Coll. |  |  |  |  |  | 0.005 |
|  |  |  |  |  | (0.012) |
| Intercept | -0.053 | -0.008 | 0.016 | -0.048 | -0.002 | -0.011 |
| (0.035) | (0.051) | (0.060) | (0.065) | (0.051) | (0.050) |
| R^2 | .185 | .404 | .405 | .406 | .404 | .404 |
| **Special Education Teachers** |
|  | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 | Model 6 |
| Grades | -0.009 | -0.010 | -0.009 | -0.008 | -0.009 | -0.011 |
| (0.017) | (0.016) | (0.015) | (0.016) | (0.016) | (0.015) |
| Subjects | -0.017 | -0.025 | -0.025 | -0.024 | -0.024 | -0.026 |
| (0.022) | (0.017) | (0.017) | (0.016) | (0.017) | (0.016) |
| Student problems | -0.360\*\*\* | -0.185\*\*\* | -0.186\*\*\* | -0.189\*\*\* | -0.083 | -0.181\*\*\* |
| (0.028) | (0.028) | (0.028) | (0.028) | (0.079) | (0.028) |
| Time | -0.010\* | -0.007\*\* | -0.007\* | -0.008\*\* | -0.007\*\* | -0.007\*\* |
| (0.003) | (0.003) | (0.003) | (0.003) | (0.003) | (0.003) |
| School FRL | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 |
| (0.001) | (0.001) | (0.001) | (0.003) | (0.001) | (0.001) |
| Secondary | 0.218\*\*\* | 0.163\*\*\* | 0.167\*\*\* | 0.162\*\*\* | 0.162\*\*\* | 0.165\*\*\* |
| (0.046) | (0.042) | (0.041) | (0.043) | (0.041) | (0.042) |
| Combined | 0.044 | 0.067 | 0.064 | 0.064 | 0.066 | 0.071 |
| (0.074) | (0.063) | (0.063) | (0.063) | (0.066) | (0.063) |
| Admin. support |  | 0.426\*\*\* | 0.387\*\*\* | 0.303\*\*\* | 0.417\*\*\* | 0.439\*\*\* |
|  | (0.040) | (0.040) | (0.056) | (0.041) | (0.041) |
| Collegial support |  | 0.069 | 0.089\* | 0.017 | 0.080\* | 0.069 |
|  | (0.037) | (0.040) | (0.055) | (0.038) | (0.037) |
| Instructional materials |  | 0.038 | 0.047 | 0.105\* | 0.037 | 0.035 |
|  | (0.028) | (0.030) | (0.050) | (0.027) | (0.027) |
| Early career |  | -0.033 | 0.189 | -0.036 | -0.029 | -0.034 |
|  | (0.057) | (0.153) | (0.055) | (0.057) | (0.057) |
| Late career |  | 0.138\* | 0.124\* | 0.140\* | 0.133\* | 0.141\* |
|  | (0.062) | (0.063) | (0.061) | (0.061) | (0.062) |
| Full cert. |  | 0.197\* | 0.330\*\* | 0.182 | 0.184\* | 0.192\* |
|  | (0.082) | (0.124) | (0.150) | (0.083) | (0.082) |
| Early\*Admin. |  |  | 0.170 |  |  |  |
|  |  | (0.098) |  |  |  |
| Early\*Coll. |  |  | -0.085 |  |  |  |
|  |  | (0.065) |  |  |  |
| Early\*Inst. |  |  | -0.058 |  |  |  |
|  |  | (0.074) |  |  |  |
| Early\*Cert. |  |  | -0.293 |  |  |  |
|  |  | (0.173) |  |  |  |
| FRL\*Admin. |  |  |  | 0.002\* |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Coll. |  |  |  | 0.001 |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Inst. |  |  |  | -0.001 |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Cert. |  |  |  | 0.000 |  |  |
|  |  |  | (0.003) |  |  |
| Problems\*Admin. |  |  |  |  | 0.044 |  |
|  |  |  |  | (0.032) |  |
| Problems\*Coll. |  |  |  |  | -0.013 |  |
|  |  |  |  | (0.031) |  |
| Problems\*Instruct. |  |  |  |  | 0.014 |  |
|  |  |  |  | (0.024) |  |
| Problems\*Cert. |  |  |  |  | -0.109 |  |
|  |  |  |  | (0.082) |  |
| Admin.\*Coll. |  |  |  |  |  | 0.039 |
|  |  |  |  |  | (0.030) |
| Intercept | -0.021 | -0.206\* | -0.329\* | -0.184 | -0.174 | -0.225\* |
| (0.60) | (0.103) | (0.132) | (0.149) | (0.101) | (0.103) |
| R^2 | .141 | .356 | .366 | .368 | .363 | .362 |
| **General Education Teachers** |
|  | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 | Model 6 |
| Grades | 0.029\* | 0.016 | 0.017 | 0.015 | 0.016 | 0.016 |
| (0.013) | (0.010) | (0.010) | (0.010) | (0.010) | (0.010) |
| Subjects | -0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| (0.021) | (0.018) | (0.018) | (0.018) | (0.018) | (0.018) |
| Student problems | -0.472\*\*\* | -0.227\*\*\* | -0.227\*\*\* | -0.226\*\*\* | -0.250\*\*\* | -0.227\*\*\* |
| (0.018) | (0.017) | (0.017) | (0.017) | (0.037) | (0.017) |
| Time | -0.006\*\*\* | -0.004\*\* | -0.004\*\* | -0.004\*\* | -0.004\*\* | -0.004\*\* |
| (0.002) | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| School FRL | -0.002\* | -0.002\*\*\* | -0.002\*\*\* | -0.001 | -0.002\*\*\* | -0.002\*\*\* |
| (0.001) | (0.001) | (0.001) | (0.001) | (0.001) | (0.001) |
| Secondary | 0.234\*\*\* | 0.180\*\*\* | 0.178\*\*\* | 0.182\*\*\* | 0.179\*\*\* | 0.180\*\*\* |
| (0.037) | (0.032) | (0.032) | (0.032) | (0.032) | (0.032) |
| Combined | 0.119 | 0.104\* | 0.103\* | 0.105\* | 0.104\* | 0.104\* |
| (0.060) | (0.046) | (0.047) | (0.046) | (0.047) | (0.046) |
| Admin. support |  | 0.439\*\*\* | 0.422\*\*\* | 0.345\*\*\* | 0.437\*\*\* | 0.439\*\*\* |
|  | (0.020) | (0.022) | (0.036) | (0.020) | (0.020) |
| Collegial support |  | 0.085\*\*\* | 0.085\*\*\* | 0.147\*\*\* | 0.087\*\*\* | 0.085\*\*\* |
|  | (0.020) | (0.021) | (0.034) | (0.021) | (0.019) |
| Instructional materials |  | 0.071\*\*\* | 0.071\*\*\* | 0.083\*\* | 0.071\*\*\* | 0.071\*\*\* |
|  | (0.015) | (0.016) | (0.026) | (0.015) | (0.015) |
| Early career |  | -0.078\* | -0.204\*\* | -0.079\* | -0.078\* | -0.078\* |
|  | (0.033) | (0.075) | (0.033) | (0.033) | (0.033) |
| Late career |  | 0.142\*\*\* | 0.144\*\*\* | 0.142\*\*\* | 0.141\*\*\* | 0.142\*\*\* |
|  | (0.032) | (0.032) | (0.032) | (0.031) | (0.031) |
| Full cert. |  | -0.032 | -0.096 | 0.005 | -0.035 | -0.033 |
|  | (0.044) | (0.057) | (0.071) | (0.043) | (0.044) |
| Early\*Admin. |  |  | 0.100\* |  |  |  |
|  |  | (0.049) |  |  |  |
| Early\*Coll. |  |  | -0.007 |  |  |  |
|  |  | (0.040) |  |  |  |
| Early\*Inst. |  |  | -0.008 |  |  |  |
|  |  | (0.030) |  |  |  |
| Early\*Cert |  |  | 0.141 |  |  |  |
|  |  | (0.080) |  |  |  |
| FRL\*Admin. |  |  |  | 0.002\* |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Coll. |  |  |  | -0.001 |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Inst. |  |  |  | -0.000 |  |  |
|  |  |  | (0.001) |  |  |
| FRL\*Cert. |  |  |  | -0.001 |  |  |
|  |  |  | (0.001) |  |  |
| Problems\*Admin. |  |  |  |  | 0.017 |  |
|  |  |  |  | (0.021) |  |
| Problems\*Coll. |  |  |  |  | -0.010 |  |
|  |  |  |  | (0.017) |  |
| Problems\*Instruct. |  |  |  |  | -0.005 |  |
|  |  |  |  | (0.013) |  |
| Problems\*Cert. |  |  |  |  | 0.028 |  |
|  |  |  |  | (0.038) |  |
| Admin.\*Coll. |  |  |  |  |  | 0.000 |
|  |  |  |  |  | (0.013) |
| Intercept | -0.038 | 0.050 | 0.111 | 0.005 | 0.052 | 0.050 |
| (0.041) | (0.056) | (0.063) | (0.069) | (0.056) | (0.055) |
| R^2 | .194 | .413 | .414 | .414 | .413 | .413 |