

Table 7 Actual versus predicted grass fractions for all 2011 and 2012 images, by grass species and camera. $p < 0.0001$ for all relationships predicted by Equation 30 (Table 4).

Species or Camera	n	r^2	RMSE (kg kg^{-1})	Slope (b)	Prob. $b = 1$	Intercept (a)	Prob. $a = 0$
Timothy ^a	381	0.68	0.078	0.917	**	0.02	NS
Orchardgrass ^a	419	0.75	0.086	1.07	*	-0.03	NS
Reed Canarygrass ^a	392	0.69	0.099	0.96	NS	0.015	NS
Quackgrass	53	0.75	0.063	1.01	NS	-0.007	NS
Canon	724	0.79	0.082	1.02	NS	-0.01	NS
Olympus	176	0.83	0.079	1.23	***	-0.21	***
Nikon	167	0.80	0.087	1.08	NS	-0.01	NS
iPhone4	178	0.79	0.090	1.08	NS	-0.03	NS

^a Results from all cameras not used in model development were pooled for timothy, orchardgrass, and reed canarygrass. Thus, each 2012 sample is represented by multiple observations.

* Significant at a probability level of 0.05.

** Significant at a probability level of 0.01.

*** Significant at a probability level of 0.001.