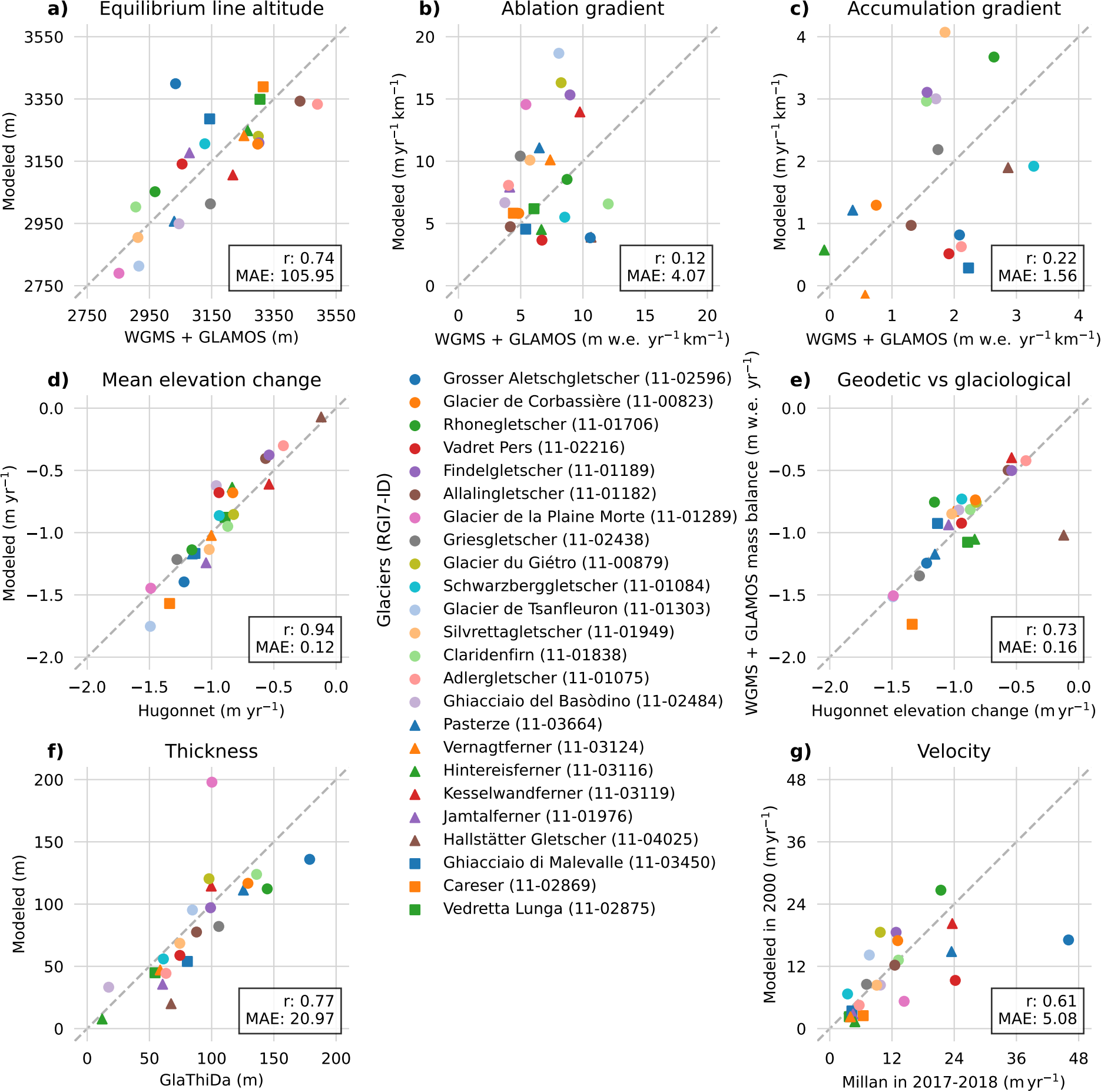
a) Equilibrium line altitude
Modeled (m)
WGMS + GLAMOS (m)
r: 0.74
MAE: 105.95
b) Ablation gradient
Modeled (m yr⁻¹ km⁻¹)
WGMS + GLAMOS (m w.e. yr⁻¹ km⁻¹)
r: 0.12
MAE: 4.07
c) Accumulation gradient
Modeled (m yr⁻¹ km⁻¹)
WGMS + GLAMOS (m w.e. yr⁻¹ km⁻¹)
r: 0.22
MAE: 1.56
d) Mean elevation change
Modeled (m yr⁻¹)
Hugonnet (m yr⁻¹)
r: 0.94
MAE: 0.12
Glaciers (RGI7-ID)
Grosser Aletschgletscher (11-02596)
Glacier de Corbassière (11-00823)
Rhonegletscher (11-01706)
Vadret Pers (11-02216)
Findelgletscher (11-01189)
Allalingletscher (11-01182)
Glacier de la Plaine Morte (11-01289)
Griesgletscher (11-02438)
Glacier du Giétro (11-00879)
Schwarzberggletscher (11-01084)
Glacier de Tsanfleuron (11-01303)
Silvrettagletscher (11-01949)
Claridenfirn (11-01838)
Adlergletscher (11-01075)
Ghiacciaio del Basòdino (11-02484)
Pasterze (11-03664)
Vernagtferner (11-03124)
Hintereisferner (11-03116)
Kesselwandferner (11-03119)
Jamtalferner (11-01976)
Hallstätter Gletscher (11-04025)
Ghiacciaio di Malevalle (11-03450)
Careser (11-02869)
Vedretta Lunga (11-02875)
e) Geodetic vs glaciological
WGMS + GLAMOS mass balance (m w.e. yr⁻¹)
Hugonnet elevation change (m yr⁻¹)
r: 0.73
MAE: 0.16
f) Thickness
Modeled (m)
GlaThiDa (m)
r: 0.77
MAE: 20.97
g) Velocity
Modeled in 2000 (m yr⁻¹)
Millan in 2017-2018 (m yr⁻¹)
r: 0.61
MAE: 5.08