**Liquid-only thermometry**

Function: “calculate\_liq\_only\_temp”

|  |  |  |  |
| --- | --- | --- | --- |
| Reference | Name in ThermoBar | P-dependent? | H2O-dependent? |
| **Olivine-Sat Liquids** | | | |
| Putirka (2008) | T\_Put2008\_eq13 | **✗** | **✗** |
| T\_Put2008\_eq14 | **✗** | **🗸** |
| T\_Put2008\_eq15 | **🗸** | **🗸** |
| Helz & Thornber, (1987) | T\_Helz1987\_MgO | **✗** | **✗** |
| Montierth (1995) | T\_Montierth1995\_MgO | **✗** | **✗** |
| Sugawara (2000) | T\_Sug2000\_eq1 | **✗** | **✗** |
| T\_Sug2000\_eq3\_ol | **🗸** | **✗** |
| T\_Sug2000\_eq6a | **🗸** | **✗** |
| T\_Sug2000\_eq6a\_H7a | **🗸** | **🗸** |
| Beattie (1993) | T\_Beatt93\_ BeattDMg | **🗸** | **✗** |
| T\_Beatt93\_BeattDMg\_HerzCorr | **🗸** | **✗** |
| Putirka (2008) | T\_Put2008\_eq19\_BeattDMg | **🗸** | **✗** |
| T\_Put2008\_eq21\_BeattDMg | **🗸** | **🗸** |
| T\_Put2008\_eq22\_BeattDMg | **🗸** | **🗸** |
| **Cpx-Sat Liquids** | | | |
| Putirka (2008) | T\_Put2008\_eq34\_cpx\_sat | **🗸** | **🗸** |
| Putirka (1999) | T\_Put1999\_cpx\_sat | **🗸** | **✗** |
| Sugawara (2000) | T\_Sug2000\_eq3\_cpx | **🗸** | **✗** |
| T\_Sug2000\_eq3\_pig | **🗸** | **✗** |
| T\_Sug2000\_eq6b | **🗸** | **✗** |
| T\_Sug2000\_eq6b\_H7b | **🗸** | **🗸** |
| **Opx-Sat Liquids** | | | |
| Putirka (2008) | T\_Put2008\_eq28b\_opx\_sat | **🗸** | **🗸** |
| Sugawara (2000) | T\_Sug2000\_eq3\_opx | **🗸** | **✗** |
| Beattie (1993) | T\_Beatt1993\_opx | **🗸** | **✗** |
| **Amp-Sat Liquids** | | | |
| Putirka (2008) | T\_Put2016\_eq3\_amp\_sat | **✗** | **🗸**\* |
| Molina (2015) | T\_Molina2015\_amp\_sat | **✗** | **✗** |
| **Fspar-Sat Liquids** | | | |
| Putirka (2005) | T\_Put2005\_eqD\_plag\_sat | **🗸** | **🗸** |
| Putirka (2008) | T\_Put2008\_eq26\_plag\_sat | **🗸** | **🗸** |
| T\_Put2008\_eq24c\_kspar\_sat | **🗸** | **🗸** |
| **Ol-Cpx-Plag Sat Liquids** | | | |
| Putirka (2008) | T\_Put2008\_eq16 | **🗸** | **✗** |
| Helz & Thornber (1987) | T\_Helz1987\_CaO | **✗** | **✗** |